

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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Geological Survey
EARTHQUAKE DATA REPORT

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

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

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

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

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

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

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

Hypocenter Symbols

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

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

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

References

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- 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.

% SEP 01, 1992 03h 41m 59.41± 1.05s
39.347 S ± 8.5km 174.361 E ± 7.8km
DEPTH = 284.1 ± 11.1 km
NORTH ISLAND, NEW ZEALAND (159)

BSZ	0.63	136	P	42	37.30	0.7
			eS	43	03.10	
CNZ	0.93	81	P	42	37.90	-0.3
DRZ	0.94	86	P	42	38.60	0.1
NGZ	0.98	80	P	42	38.20	-0.2
DIW	1.49	193	Pd	42	41.40	0.1
MNG	1.53	146	Pc	42	41.40	-0.1
			S	43	09.40	
KIW	1.57	165	P	42	41.60	-0.2
WAHZ	1.58	103	P	42	41.90	0.0
CAW	1.84	163	P	42	43.60	-0.2
TCW	1.87	182	P	42	44.10	0.1
MRW	1.90	172	Pc	42	44.10	-0.1
			S	43	15.10	
TTH	1.92	97	P	42	45.00	0.6
PGZ	1.94	131	P	42	44.60	0.0
MTW	2.01	155	P	42	44.90	-0.3
QRZ	2.04	223	iPc	42	45.40	0.0
PAHZ	2.15	78	P	42	46.60	0.2
MOH	2.17	85	P	42	47.00	0.4
MOW	2.18	162	P	42	46.40	-0.2
BLW	2.19	158	P	42	46.60	-0.1
AMW	2.23	152	P	42	47.20	0.2
URZ	2.41	64	Pd	42	47.70	-0.9
			S	43	21.10	
THZ	2.66	204	P	42	51.30	0.2
			S	43	28.90	
NOZ	2.96	77	P	42	54.20	0.2
DSZ	3.09	218	P	42	55.60	0.2
LTZ	3.78	204	P	43	02.90	0.1
			S	43	48.60	
MQZ	4.54	196	P	43	10.30	-1.1
			S	44	03.40	
EWZ	4.93	211	P	43	16.30	0.4
LMZ	5.80	220	P	43	25.50	-0.9
ODZ	6.33	205	P	43	34.10	1.3

S.D. = 0.5 on 29 of 29 obs.

? SEP 01, 1992 04h 45m 40.42± 0.99s
50.174 N ± 15.6km 19.051 E ± 7.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.1 (WAR).

OJC	0.48	84	ePg	45	49.80	-0.4
			eSg	45	57.70	
RAC	0.56	261	eP	45	51.00	-0.8
			eS	45	59.00	
SPC	1.25	141	iPn	46	04.30	0.4
			i(Sg)	46	24.40	
KSP	1.88	292	iPg	46	13.70	0.8
	0.7s		32.00nm			
			iS	46	37.70	
ZST	2.36	214	eP	46	51.00	31.3X
SRO	2.41	192	eP	46	27.30	6.8X
PRU	2.91	268	Pg	46	33.00	5.4X
			Sg	47	14.00	
BRG	3.33	284	e(Pg)	46	41.00	7.4X
			eSg	47	25.00	
KHC	3.71	256	Pn	46	41.50	2.5X
			Pg	46	49.50	
			e	47	22.40	
			eSg	47	38.50	

S.D. = 1.2 on 4 of 9 obs.

? SEP 01, 1992 06h 33m 49.25± 1.35s
8.658 S ± 22.1km 124.166 E ± 29.8km
DEPTH = 151.3 ± 27.8 km
4.5mb (3 obs.)
TIMOR REGION, INDONESIA (289)

MTN	8.01	122	eP	35	44.00	0.1
	0.4s		154.00nm			6.0mb X
			eS	37	09.00	
KNA	8.36	148	eP	35	48.70	0.1
			eS	37	18.00	
PCI	8.83	331	ePc	35	54.80	0.0
			e	36	48.50	
WB2	14.93	140	iPd	37	13.70	-0.3
	0.2s		10.00nm			4.8mb
			eS	39	50.80	

ASPA 17.60 149 eP 37 46.80 0.1
1.0s 5.00nm 3.8mb
eS 40 58.90
OIS 19.03 130 iPc 38 02.30 0.1
0.4s 13.00nm 4.6mb
S.D. = 0.3 on 6 of 6 obs.

% SEP 01, 1992 07h 25m 11.76± 2.58s
39.206 N ± 21.0km 27.592 E ± 8.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.90	63	ePn	25	29.00	0.0
			eSg	25	43.00	
EZN	1.16	303	ePn	25	33.40	0.0
BNT	1.18	12	ePn	25	33.80	0.1
KCT	1.20	29	ePn	25	34.00	-0.1
KGT	1.26	350	ePn	25	35.20	0.0

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

SEP 01, 1992 07h 59m 36.00± 0.35s
30.752 N ± 6.5km 143.148 E ± 5.1km
DEPTH = 33.0km (normol)
4.7mb (19 obs.) 4.4Msz (1 obs.)
SOUTH OF HONSHU, JAPAN (211)

KAKJ	5.98	336	P	01	02.80	-1.7
			S	02	08.10	
CHJJ	6.32	328	P	01	07.60	-1.7
			S	02	17.80	
IIDJ	6.44	318	eP	01	11.90	0.8
			S	02	26.30	
MAT	7.09	326	iPc	01	19.20	-0.9
	0.9s		41.18nm			5.4mb
			eS	02	39.00	
MTMJ	7.33	324	P	01	22.80	-0.7
NIJJ	7.33	333	P	01	21.30	-2.1
			eS	02	43.70	
TSRJ	7.67	310	P	01	28.80	0.6
			eS	02	54.70	
YAMJ	7.84	342	eP	01	28.70	-1.8
OFUJ	8.40	352	eP	01	33.10	-5.2X
			eS	03	04.80	
KUMJ	10.65	283	P	02	11.60	2.3
SHNJ	10.71	291	eP	02	11.80	1.6
MDJ	17.48	326	eP	03	38.10	-0.6
	1.2s		26.00nm			4.2mb
CNZ	19.13	318	eP	03	58.20	-0.8
	1.0s		12.00nm			4.1mb
	14s		0.88um			
SNY	19.22	310	Pd	04	00.00	0.1
NJ2	20.77	280	Pd	04	17.00	0.4
	1.0s		23.00nm			4.5mb
BJI	23.79	300	eP	04	47.50	1.1
	1.5s		57.00nm			4.9mb
	14s		0.35um			4.0MszX
			eS	09	04.00	
BTO	28.51	299	eP	05	29.00	-1.5
XAN	29.01	286	eP	05	34.50	-0.5
ADK	36.19	43	(P)	06	42.25	5.0X
	1.1s		46.40nm			5.3mb
GTA	36.21	296	P	06	40.00	2.2
	18s		0.57um			4.4Msz
CHG	41.61	264	eP	07	23.00	0.2
MTN	44.86	197	eP	07	47.00	-2.1
WMQ	45.22	303	P	07	54.00	2.1
	2.0s		34.00nm			4.9mb
	12s		0.59um			4.7MszX
GUN	49.54	282	P	08	26.72	0.5
PKI	50.05	282	P	08	30.50	0.4
KKN	50.09	282	P	08	30.50	0.3
DMN	50.29	282	P	08	32.28	0.5
GKN	50.56	282	P	08	34.54	0.8
WB2	51.11	191	iPc	08	35.30	-2.3
	0.8s		15.50nm			5.0mb
CRP	51.45	34	eP	08	39.38	-0.6
FBA	53.74	30	eP	08	54.22	-2.6
	0.7s		2.69nm			4.4mb
ASPA	54.83	190	eP	09	02.80	-2.5
	0.5s		9.10nm			5.1mb
MBL	56.26	206	eP	09	14.00	-1.6
DZM	57.09	154	iPc	09	21.10	-0.5
MBC	62.15	16	eP	09	56.00	0.2
	0.5s		3.00nm			4.7mb
GBA	62.40	270	P	09	59.00	0.7
YKA	68.54	29	eP	10	36.70	-0.3
	0.7s		4.30nm			4.6mb

GMW	70.56	46	eP	10	50.68	1.0
BMW	70.72	47	eP	10	51.78	1.0
DPW	73.20	44	eP	11	05.60	0.1
LBFW	73.81	51	eP	11	10.13	0.8
KAF	74.56	334	eP	11	11.60	-1.4
	0.5s		2.00nm			4.4mb
ARN	75.89	55	(P)	11	20.09	-1.1
SES	76.07	39	eP	11	22.00	0.1
NUR	76.18	333	eP	11	18.60	-3.6X
	0.2s		0.80nm			4.4mb
KVN	77.45	52	eP	11	30.64	0.6
LRM	77.65	44	ePd	11	31.80	0.8
BONR	77.85	53	eP	11	32.93	0.6
TNP	78.53	53	eP	11	35.11	-0.9
	0.5s		3.77nm			4.7mb
HHA1	79.02	46	eP	11	40.36	1.9
HVU	79.57	48	eP	11	42.27	0.8
APD	80.03	337	eP	11	43.10	-0.2
	0.4s		1.40nm			4.3mb
DUG	80.38	49	eP	11	46.53	0.7
	0.5s		4.74nm			4.7mb
PEC	80.69	56	eP	11	46.57	-0.9
	0.7s		4.35nm			4.6mb
ARUT	81.24	51	eP	11	51.13	0.7
DAU	81.27	48	eP	11	51.71	1.0
MSU	81.70	50	eP	11	52.74	-0.2
EMUT	81.88	48	eP	11	54.27	0.5
SRU	82.45	49	eP	11	56.98	0.2
GLA	82.79	56	eP	11	59.09	0.7
RSSD	83.54	42	eP	12	02.53	0.2
	0.6s		4.94nm			4.8mb
ULM	83.94	34	eP	12	06.00	2.1
OJC	85.07	327	eP	12	08.90	-0.7
ZOBO	148.04	70	PKP	19	21.20	3.4X
LPB	148.20	71	PKP	19	22.00	4.2X
CNCB	148.44	71	PKP	19	20.00	1.6
CCH	150.23	70	ePKP	19	25.00	4.2X

S.D. = 1.2 on 61 of 67 obs.

& SEP 01, 1992 08h 05m 21.90s
48.125 N 128.315 W
DEPTH = 10.0km (geophysicist)
VANCOUVER ISLAND REGION (25)
<PGC-P>. ML 2.9 (PGC).

ETB	1.72	43	P	05	52.20	0.2
EDB	1.92	24	P	05	54.65	-0.2
			S	06	18.60	
OZB	2.05	65	P	05	55.94	-1.0
			S	06	21.85	
BPBC	2.07	10	P	05	56.33	-0.8
GDR	2.24	41	Pc	05	59.22	-0.3
			S	06	26.45	
BTB	2.28	53	Pc	05	59.65	-0.7
			S	06	27.28	
MGB	2.56	69	P	06	02.95	-1.3
ALB	2.58	62	P	06	03.35	-1.0
PFB	2.62	79	Pc	06	03.32	-1.7
PHC	2.65	12	P	06	04.87	-0.5
			S	06	32.47	
CBB	2.72	44	P	06	06.57	0.1
OOW	2.80	96	P	06	07.26	-0.4
OB	2.84	90	P	06	07.48	-0.7
OSR	3.00	100	P	06	09.92	-0.5
NAB	3.06	67	P	06	10.56	-0.6
STW	3.11	88	P	06	11.32	-0.6
SHB	3.28	62	P	06	14.19	-0.3
PGC	3.28	79	P	06	12.81	-1.6
VGZ	3.35	83	Pd	06	13.61	-1.6
			S	06	54.38	
SNB	3.49	77	P	06	16.47	-0.8
BIB	3.55	67	P	06	17.84	-0.3
HDW	3.57	96	P	06	18.17	-0.4
BLN	3.59	90	P	06	18.28	-0.4
MCW	3.69	79	P	06		

PEC	0.99	225	iPd	44	38.37	-1.2
			eS	44	51.61	
SSK	1.20	252	eP	44	42.13	-1.1
			eS	44	58.84	
PLM	1.32	200	iPd	44	44.46	-0.8
			eS	44	59.95	
GLA	1.98	141	ePn	44	52.55	-2.5
			ePg	44	57.58	
ISA	2.06	302	ePn	44	53.87	-2.4
TPNV	2.35	1	eP	44	58.96	-1.5
ABL	2.40	277	eP	44	58.40	-2.9
TNP	3.55	348	(P)	45	19.89	2.3
BONR	3.71	335	ePn	45	18.45	-1.6
MSU	5.14	39	(Pn)	45	43.98	3.8
			ePg	45	55.59	

10 obs. associated
SEP 01, 1992 14h 10m 39.12±0.88s
39.045 N ± 7.1km 20.607 E ± 7.6km
DEPTH = 5.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
MD 3.0 (ATH), 2.5 (THE).

IGT	0.53	336	ePg	10	47.74	-2.0
			eSg	10	55.42	
VLS	0.87	181	ePb	10	56.00	-0.3
KEK	0.92	317	ePb	10	58.00	0.9
AGG	1.34	90	ePb	11	04.50	0.1
			eSb	11	25.66	
KZN	1.55	35	ePb	11	07.50	0.0
LIT	1.80	53	ePb	11	11.10	0.1
			eSb	11	36.30	
FNA	1.84	19	ePb	11	12.30	0.7
			eSb	11	37.74	
OHR	2.07	4	ePn	11	16.80	1.8
KNT	2.75	39	ePn	11	23.38	-1.3
SOH	2.76	49	ePn	11	24.66	-0.2
OUR	2.91	63	ePn	11	27.06	0.2

S.D. = 1.2 on 11 of 11 obs.

SEP 01, 1992 14h 17m 00.30±0.85s
39.501 N ± 7.3km 28.116 E ± 6.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.41	75	iPg	17	07.90	-0.8
			iSg	17	14.90	
KCT	0.77	14	iPg	17	14.90	-0.4
BNT	0.87	350	iPg	17	16.90	-0.1
			iSg	17	29.40	
EDC	0.87	347	iPg	17	16.00	-1.0
			iSg	17	28.00	
KGT	1.14	327	ePg	17	21.80	0.2
			eSg	17	36.80	
EZN	1.42	284	iPn	17	25.90	-0.2
YLV	1.44	42	iPn	17	26.20	-0.3
KHL	1.61	137	ePn	17	29.00	0.1
GBZT	1.64	38	ePn	17	31.00	1.7
			iSg	17	53.50	
EYL	1.89	55	ePn	17	33.00	-0.1
DMK	2.33	353	ePn	17	40.00	0.7

S.D. = 0.8 on 11 of 11 obs.

? SEP 01, 1992 14h 30m 44.14±1.69s
32.667 S ± 14.6km 70.144 W ± 19.6km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

JACH	0.38	268	iPd	31	00.65	0.0
			iS	31	13.44	
PEL	0.66	224	iP	31	02.32	-0.1
			iS	31	16.10	
FCH	0.67	191	iP+	31	02.67	-0.2
			iS	31	16.43	
ROCH	0.79	247	iP+	31	03.97	0.2
			iS	31	18.93	
PCH	1.00	198	iP+	31	05.68	0.0
			iS	31	22.72	
TACH	1.19	214	iP+	31	07.64	0.0
			iS	31	25.09	
CHCH	1.33	198	iP+	31	09.39	0.0
			iS	31	29.10	
LCCH	1.44	236	iP	31	10.81	0.2
			iS	31	31.02	
CACH	1.50	195	iP+	31	11.87	0.5
			iS	31	32.81	
LNV	1.67	219	iPd	31	12.87	-0.5

S.D. = 0.3 on 10 of 10 obs.

* SEP 01, 1992 14h 33m 18.44s
62.309 N 151.090 W
DEPTH = 77.9km
CENTRAL ALASKA (1)
<AEIC>.

SKT	0.39	212	iP	33	30.63	-0.7
			eS	33	40.27	
CUT	0.39	76	eP	33	30.70	-0.6
			eS	33	40.26	
SUA	0.86	169	eP	33	35.68	-0.4
			eS	33	49.08	

PWA	0.87	139	eP	33	35.63	-0.4
HUR	0.95	44	iP	33	36.11	-0.9
			eS	33	49.75	
NCG	1.04	210	iP	33	37.30	-0.9
			eS	33	52.44	
CGLM	1.10	204	iP	33	37.95	-1.0
GHO	1.15	117	iP	33	39.36	-0.3
			eS	33	56.15	
CRP	1.16	206	eP	33	39.04	-0.8
			eS	33	55.31	
PLRM	1.17	127	eP	33	39.00	-0.8
			eS	33	56.25	
TRF	1.20	17	iP	33	39.38	-1.0
			eS	33	55.43	
CKN	1.21	206	eP	33	40.17	-0.1
			eS	33	56.43	
BGL	1.22	211	eP	33	40.19	-0.3
SPU	1.22	203	eP	33	39.73	-0.7
			eS	33	56.16	
KTH	1.25	3	eP	33	39.86	-1.0
			eS	33	55.67	
CKL	1.26	209	iP	33	40.50	-0.6
PMS	1.29	145	eP	33	40.84	-0.5
			eS	33	59.09	
BKG	1.36	205	iP	33	41.47	-0.9
			eS	33	59.79	
SML	1.39	110	eP	33	42.14	-0.6
			S	34	00.79	
RND	1.51	42	eP	33	42.98	-1.2
KNK	1.54	125	eP	33	43.79	-0.8
			S	34	03.60	
PTE	1.75	145	eP	33	46.29	-1.2
			eS	34	08.40	
SCM	1.83	103	eP	33	48.34	-0.3
RDT	1.85	201	eP	33	48.20	-0.7
SLKM	1.86	167	eP	33	48.60	-0.3
DFR	1.89	205	eP	33	48.66	-0.7
NCT	1.96	208	eP	33	49.98	-0.5
REF	1.98	204	eP	33	50.21	-0.6
MPA	2.01	155	eP	33	49.55	-1.3
RDW	2.01	205	eP	33	50.49	-0.7
RS2	2.02	204	eP	33	50.80	-0.5
RSO	2.02	204	eP	33	50.83	-0.5
RS1	2.02	204	eP	33	50.79	-0.5
			eS	34	14.86	
TOA	2.31	93	eP	33	54.69	-0.5
GLI	2.39	125	eP	33	54.10	-2.1
NEA	2.45	21	eP	33	54.86	-2.2
SVW	2.47	243	eP	33	55.72	-1.7
VZW	2.50	118	eP	33	55.83	-1.9
KNIM	2.55	139	eP	33	55.12	-3.2
VLZ	2.55	115	eP	33	56.70	-1.7
WRH	2.56	31	eP	33	56.54	-1.9
KLU	2.58	106	eP	33	56.85	-2.1
SDG	2.59	83	eP	33	58.39	-0.6
PAX	2.68	73	eP	33	59.24	-1.1
FID	2.71	123	eP	33	58.08	-2.5
CCB	2.77	31	eP	33	59.37	-2.1
HDA	2.81	40	eP	34	00.28	-1.7
MTU	2.86	143	eP	34	00.03	-2.7
HIN	2.93	129	eP	34	01.10	-2.5
CVA	3.12	122	eP	34	03.57	-2.6
GLM	3.15	30	eP	34	04.94	-1.9
GLB	3.56	101	eP	34	09.38	-3.0

52 obs. associated

% SEP 01, 1992 15h 31m 39.35±0.68s
44.369 N ± 6.2km 7.327 E ± 8.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.7 (GEN).

STV	0.13	181	P	31	42.44	-0.1
			S	31	44.08	
ENR	0.16	155	P	31	42.96	-0.1
			S	31	45.01	
PZZ	0.21	310	P	31	44.39	0.4
			S	31	47.57	
ROB	0.40	101	P	31	47.88	0.4
			S	31	53.82	
BHB	0.47	355	P	31	48.60	-0.4
			S	31	56.29	
IMI	0.61	138	P	31	51.57	-0.2
			S	31	58.95	

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

% SEP 01, 1992 15h 51m 23.31±1.02s

26.899 S ± 12.4km 26.790 E ± 8.7km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)

PRY	0.61	93	iPd	51	34.70	-0.9
			S	51	42.70	
SEK	1.60	153	iPd	51	53.00	0.5
			S	52	14.50	
SLR	1.77	49	iPd	51	55.00	0.1
			S	52	17.40	
BFT	3.16	68	eP	52	15.50	0.6
			S	52	54.50	
POF	6.53	246	eP	53	02.00	-0.4
			S	54	20.50	
SUR	7.54	222	eP	53	13.00	-3.8X
			S	54	34.50	
CER	9.14	223	eP	53	33.00	-5.9X
			S	55	12.50	
BLE	9.90	223	eP	54	30.00	40.7X
			S	56	14.00	

S.D. = 0.9 on 5 of 8 obs.

SEP 01, 1992 16h 18m 12.66±0.73s
41.139 N ± 7.6km 28.743 E ± 4.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.24	272	iPg	18	17.40	-0.3
GBZT	0.64	123	ePg	18	25.00	-0.4
			iSg	18	34.00	
YLV	0.74	140	iPg	18	27.80	0.5
BNT	1.00	219	iPg	18	31.40	-0.2
DMK	1.01	313	iPg	18	32.00	0.3
			eSg	18	47.00	
EDC	1.04	220	iPg	18	32.60	0.4
EYL	1.22	118	ePn	18	35.30	-0.1
KGT	1.29	238	ePn	18	36.50	-0.1

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

SEP 01, 1992 16h 41m 13.35±0.11s
23.749 N ± 2.3km 121.685 E ± 2.6km
DEPTH = 54.4km (geophysicist)
6.0mb (128 obs.)

TAIWAN (244)

Felt on much of Taiwan. Depth from broadband displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
NP1: Strike=1 Dip=73 Slip=69
NP2: 234 27 140
Principal Axes:

T P1g=57 Azm=243
P 25 107

Comment: The focal mechanism is moderately well controlled and corresponds to reverse faulting with a moderate right-lateral strike-slip component. The preferred fault plane is NP2.

RADIATED ENERGY

No. of sta: 8 Focal mech. F
Energy 1.7±0.5×10¹³ Nm

MOMENT TENSOR SOLUTION

Dep 72 No. of sta: 13
Moment Tensor; Scale 10¹⁷ Nm

Mrr=0.44 Mtt=-0.33
Mff=-0.11 Mrt=0.12
Mrf=1.56 Mtf=2.56

Principal axes:

T Vol=2.96 P1g=27 Azm=309
N 0.12 57 166
P -3.08 17 48

01d 16h

```
Principal Axes:
T Val= 7.98 Plg=55 Azm=248
N -0.52 20 9
P -7.47 28 110
Best Double Couple: Mo=7.7+10+17
NP1: Strike=240 Dip=25 Slip= 144
NP2: 3 76 70
```

TWD	0.34	346	iPc	41	25.30	2.0
			eS	41	33.30	
TWF1	0.53	222	iPd	41	26.90	1.6
			eS	41	36.70	
TWC	0.87	10	iPc	41	32.10	2.5
			eS	41	44.30	
TWO	0.94	304	iPd	41	33.80	3.3X
TWK	1.20	247	iPd	41	36.90	2.8
TWZ	1.35	356	ePd	41	38.30	2.2
QZH	3.06	293	iPnd	42	00.60	0.2
			Sn	42	34.30	
CVP	6.02	179	ePc	42	42.10	0.2
			eS	42	52.00	
HKC	7.07	260	iP	42	56.80	0.1
			iS	44	13.50	
SSE	7.33	357	iPd	42	59.00	-1.3
	1.0s	250.00nm				5.9mb
Z	20s	21.60um				
			S	44	17.00	
BAG	7.37	188	eP	43	02.50	1.4
			e(S)	44	12.00	
MCO	7.66	259	IP	43	05.10	0.1
			iS	44	26.80	
GZH	7.69	267	iPd	43	05.00	-0.3
Z	28s	58.00um				
NJ2	8.64	344	Pc	43	16.80	-1.6
	0.8s	540.00nm				6.5mb
			pP	43	20.60	
			S	44	50.00	
WHN	9.40	318	Pc	43	27.20	-1.7
	0.7s	290.00nm				6.4mb
Z	22s	41.60um				
			pP	43	34.00	
TGY	9.62	184	iPd	43	49.00	17.1X
PGP	10.22	184	eP	43	44.00	4.0X
QIZ	11.99	249	ePnc	44	04.79	0.8
	1.3s	300.00nm				6.1mb
ENH	12.66	303	ePn	44	13.12	0.2
PLP	12.90	165	ePc	44	18.00	1.9
TIA	13.03	343	Pd	44	17.20	-0.5
	1.2s	36.00nm				5.1mb
Z	10s	20.30um				4.1MszX
MAP	13.53	170	eP	44	27.00	2.6
GYA	13.87	284	iPd	44	29.00	0.0
Z	16s	43.50um				4.4MszX
			PP	44	40.00	
DL2	15.11	360	eP	44	48.50	3.6X
	1.2s	160.00nm				5.1mb
Z	18s	8.66um				
E	12s	12.80um				
XAN	15.15	315	iPd	44	45.00	-0.5
	1.5s	380.00nm				5.4mb
Z	24s	26.70um				
			pP	44	54.00	
			PP	45	00.00	
			S	47	36.00	
			sS	47	47.00	
			SS	47	56.00	
CGP	15.48	169	iPd	44	52.00	2.3
TIY	16.02	332	Pd	44	59.00	2.5
	1.2s	840.00nm				5.7mb
Z	11s	17.20um				
BIP	16.04	163	eP	45	02.50	5.6X
BJI	16.90	345	ePc	45	09.79	2.3
	1.5s	546.00nm				5.5mb
Z	22s	9.30um				
			eS	45	20.00	
DAV	16.98	167	eP	45	19.00	10.2X
KMI	17.31	278	ePc	45	14.78	1.8
	2.0s	1110.00nm				5.7mb
Z	12s	29.40um				
E	14s	31.20um				
CD2	17.44	298	Pd	45	15.80	1.3
	1.2s	680.00nm				5.7mb
Z	15s	36.30um				
E	11s	34.20um				
			S	48	26.00	</

	Z	18s	16.20um			
	E	12s	12.20um			
			pP	45	30.00	
			S	48	40.00	
KKM		18.37	198 ePc	45	26.60	0.5
		0.7s	111.30nm			5.1mb
HHC		19.05	336 iPc	45	35.40	1.3
		1.2s	1170.00nm			6.0mb
	Z	24s	19.10um			
	E	10s	9.00um			
			PP	45	52.00	
MAJO		19.11	44 (P)	45	32.80	-1.9
MAT		19.11	44 iPd	45	30.90	-3.8X
		0.8s	61.19nm			4.9mb
	Z	20s	10.99um			
			eS	49	08.00	
BTO		19.46	332 iPd	45	39.00	0.5
		1.2s	810.00nm			5.9mb
	N	10s	8.37um			
			sP	45	52.00	
			S	49	12.50	
			SS	49	39.50	
TSM		19.69	191 ePd	45	40.50	-0.5
LZH		19.72	313 iPc	45	43.16	1.8
		1.8s	2611.00nm			6.2mb
CN2		20.24	8 Pc	45	46.20	-0.4
		1.3s	73.00nm			4.8mb
	Z	14s	12.10um			5.4MszX
	N	13s	5.25um			
	E	13s	10.10um			
			S	49	27.00	
CHG		21.74	261 eP	46	04.00	2.0
			eS	50	04.00	
MDJ		21.80	15 eP	46	02.59	0.3
		0.8s	38.00nm			4.9mb
	Z	18s	21.44um			5.6Msz
NST		21.80	252 eP	46	05.00	2.4
BDT		22.19	257 iPc	46	09.00	2.6
		1.2s	407.50nm			5.7mb
KHT		23.52	252 eP	46	21.40	2.0
GTA		24.22	315 iPc	46	27.50	1.3
		1.5s	770.00nm			6.0mb
	Z	18s	19.40um			5.6Msz
			S	50	40.00	
SNG		26.08	234 iPc	46	45.60	1.8
		2.0s	1011.77nm			6.0mb
			eS	51	33.00	
			e	53	45.60	
IPM		27.57	229 ePc	46	58.50	1.1
		1.9s	1346.40nm			6.2mb
LSA		27.86	289 iPc	47	02.18	1.7
		1.5s	246.00nm			5.6mb
	N	16s	4.95um			
	E	15s	18.40um			
			S	51	41.00	
KGM		27.98	222 eP	47	01.50	0.4
YSS		28.69	31 (P)	47	04.22	-2.9
IRK		31.43	339 iPc	47	30.00	-1.4
		1.2s	238.00nm			5.8mb
	Z	16s	5.31um			5.3MszX
	N	17s	3.40um			
	E	17s	3.01um			
			e	47	34.00	
			eP	47	45.00	61kmX
			eS	47	57.00	
			ePP	48	44.00	
			ePPP	49	04.00	
			eS	52	30.00	
			eSS	52	56.00	
			e	53	14.00	
			eSSS	54	38.00	
			LR	59	46.00	
GUN		32.42	285 Pc	47	41.56	0.7
KHKI		32.46	191 ePc	47	40.60	-0.1
			e	49	48.00	
PKI		32.85	284 Pc	47	44.66	0.2
KKN		32.95	285 Pc	47	45.68	0.4
		1.1s	1648.00nm			6.8mb
DMN		33.11	285 Pc	47	47.12	0.4
GKN		33.52	285 Pc	47	50.20	0.1
WMO		34.29	314 iPc	47	56.76	0.3
		2.0s	250.00nm			

YAK	38.64	6	iPc	48	31.10	-1.7
	1.8s	320.00nm				5.9mb
Z	17s	6.20um				5.5MsZ
N	14s	4.40um				
		iPPP		50	14.00	
		iPCP		50	40.00	
		eS		54	20.00	
		ePcS		54	48.00	
		iSS		57	22.00	
		eSSS		58	06.00	
		eScS		58	32.00	
LAT	39.05	138	eP	48	37.70	0.9
KNA	39.86	169	eP	48	41.40	-2.0
RAB	40.66	129	iPd	48	52.00	1.9
	0.6s	160.00nm				6.0mb
		iS		55	02.00	
HYB	40.75	269	ePc	48	51.30	0.4
	1.0s	230.00nm				5.9mb
		e		49	15.00	
		e		50	28.00	
PMG	41.30	140	iPd	48	56.00	0.7
	1.2s	215.63nm				5.8mb
KSH	41.51	303	Pc	48	59.90	2.9X
	1.1s	790.00nm				6.4mb
	Z	16s	15.30um			6.0MsZ
	N	15s	4.42um			
	E	15s	12.10um			
		sP		49	15.00	
GBA	42.96	265	P	49	10.00	1.0
AAK	43.13	308	iPc	49	11.65	1.3
		esPd		49	32.60	
KOD	44.19	260	iP	49	20.60	1.3
		eS		56	21.00	
MBL	44.67	182	eP	49	20.30	-2.3
POO	44.76	273	iPc	49	25.70	2.1
	1.0s	100.00nm				5.6mb
WRA	45.15	163	P	49	25.50	-1.0
	0.5s	16.30nm				5.1mb
WB2	45.15	163	iPc	49	25.00	-1.5
	0.6s	44.50nm				5.5mb
		iS		54	50.80	
BOM	45.61	274	eP	49	29.00	-1.2
		eS		56	34.70	
NANU	46.42	188	eP	49	35.00	-1.4
QIS	47.37	157	iPc	49	43.50	-0.6
	0.7s	51.00nm				5.6mb
		eS		56	30.70	
ASPA	48.60	165	iPd	49	52.70	-0.9
	0.8s	40.40nm				5.5mb
		iScP		55	06.20	
		eS		56	46.30	
		iScS		59	35.70	
SMY	48.87	40	P	50	10.00	14.7X
Z	21s	2.71um				5.2MsZ
SVO	49.57	127	eP	49	53.00	-8.2X
CTA	49.72	149	P	50	04.59	2.4
CTAO	49.72	149	(P)	50	02.67	0.5
		ed		50	20.55	
HNR	49.86	127	eP	50	04.00	0.6
		eS		57	04.00	
WEEK	50.18	184	iPc	50	01.30	-4.3X
MRWA	52.94	186	eP	50	24.00	-2.4
	0.4s	7.00nm				5.0mb
BAL	54.25	185	eP	50	33.50	-2.5
ADK	54.26	42	iP	50	34.97	-0.9
	1.3s	226.41nm				6.0mb
COOL	54.32	181	eP	50	34.00	-2.5
MAIO	54.45	299	iPc+	50	38.80	1.1
	1.2s	113.19nm				5.8mb
		eS		58	19.20	
FORT	54.56	173	iPd	50	37.30	-0.9
	0.6s	30.00nm				5.5mb
QLP	54.58	155	iPc	50	37.30	-1.2
	0.6s	49.00nm				5.7mb
KLB	55.16	184	eP	50	40.30	-2.3
MUN	55.66	186	eP	50	44.00	-2.2
RKG	58.17	185	eP	51	03.00	-0.9
	0.5s	19.00nm				5.5mb
STK	58.50	160	iPd	51		

BWA	63.18	155	iPc	51	38.70	0.6	CFR	75.92	313	ePc	52	55.00	-1.0	NPS	81.33	305	iPc	53	26.00	0.4	
			e	52	01.00		HQL	76.01	296	iP	52	57.33	0.6	GRG	81.40	311	eP	53	25.10	-0.8	
			i	52	06.30		SAGI	76.01	297	iPc	52	57.00	0.1	NOZ	81.44	319	P	53	25.50	-0.4	
SDN	63.95	38	ePc	51	42.30	-0.6	CLI	76.04	315	ePc	52	56.00	-0.7	SKO	81.65	312	iPc	53	27.30	0.2	
DHR	64.10	289	eP	51	44.30	0.0	GPA	76.05	308	iP	52	56.00	-0.9		1.2s	655.00nm			6.5mb		
CAN	64.20	155	iPc	51	44.50	-0.2	EYL	76.07	308	iP	52	56.30	-0.8	Z	25s	2.25um			5.4MszX		
			e	52	08.40		PPCY	76.31	302	eP	52	57.70	-0.7				i	53	44.00		
			i	52	13.80		PSN	76.41	312	iPc	52	59.00	0.2				i	54	04.50		
CNB	64.33	155	iPc	51	45.70	0.1	PTT	76.49	315	eP	53	01.00	1.8				i	56	33.50		
			i	52	08.10		GBZT	76.50	309	iPc	52	59.00	-0.4				iS	04	03.00		
TAB	64.61	302	iPc+	51	48.30	0.6	UPP	76.50	330	iP	52	58.00	-0.9				iPS	04	30.00		
KER	64.75	298	eP	51	49.00	0.4		1.1s	400.00nm				6.3mb				i	07	54.00		
TOO	64.98	159	iPc	51	49.10	-0.6				iS	02	37.00					LR	33	26.00		
	0.8s	72.00nm				5.7mb	YLV	76.63	309	iP	52	59.40	-0.8	ATH	81.66	308	eP	53	22.00	-5.3X	
BRW	65.01	21	iP	51	50.00	0.5	VR1	76.64	314	iPc	53	00.00	0.0	LIT	81.69	310	eP	53	26.22	-1.2	
TTA	65.65	30	iPc	51	54.47	0.6	ISK	76.68	309	iP	52	59.40	-0.9	ZST	81.76	319	iPc	53	27.70	0.1	
	1.0s	165.06nm				6.0mb	ISR	77.01	314	ePc	53	03.00	0.8		0.7s	42.60nm			5.5mb		
SVW	66.00	32	iPc	51	57.23	1.1				e	25	50.00		BRNL	81.94	324	eP	53	27.00	-1.4	
	1.0s	174.23nm				6.0mb	CTT	77.10	309	iP	53	01.90	-0.8	BRN	82.03	324	eP	53	27.00	-1.8	
KIV	66.22	309	iPc	51	57.90	0.1	SIT	77.12	33	iPc	53	03.92	1.5	MUD	82.05	329	iPc	53	28.50	-0.3	
			e	52	14.54			0.9s	121.35nm				5.9mb						5.7mb		
			e	52	23.81		Z	19s	1.20um				5.2Msz		KZN	82.10	310	iPc	53	28.50	-1.1
IMA	66.39	26	eP	51	58.97	0.4	MLR	77.28	314	iPc	53	03.20	-0.6	FNA	82.18	311	eP	53	28.78	-1.2	
	1.0s	184.56nm				6.0mb	DMK	77.34	310	eP	53	03.50	-0.5	VKA	82.20	319	iPc	53	30.40	0.5	
REF	67.50	32	eP	52	05.41	-0.4	KCT	77.47	308	iP	52	53.90	-10.8X		3.0s	1209.00nm			6.4mb		
RYD	67.59	288	iPc	52	06.40	-0.4	DST	77.50	308	iP	53	04.70	-0.3	Z	17s	1.10um			5.3MszX		
CPKM	67.61	31	eP	52	06.99	0.5	ELL	77.54	305	iP	53	05.00	-0.4				LR	36	20.00		
CRP	67.65	31	iP	52	07.04	0.4	BUC1	77.63	313	eP	53	06.50	1.0	KKS	82.30	313	eP	53	31.40	0.9	
KDC	68.05	35	ePc	52	09.80	0.8	BNT	77.74	309	iP	53	05.90	-0.3	IVA	82.31	313	iPc	53	31.28	0.6	
OBN	68.11	322	iPc+	52	08.40	-1.0	EDC	77.79	309	iP	53	06.00	-0.5	BRG	82.36	322	iPc	53	30.30	-0.3	
	1.5s	80.00nm				5.5mb	JMB	77.93	311	iPc	53	07.00	-0.2		1.4s	140.00nm			5.8mb		
Z	20s	2.90um				5.5Msz	MTUR	77.96	314	ePc	53	06.50	-0.9	Z	20s	2.50um			5.6Msz		
E	18s	2.00um					HFS	78.17	331	eP	53	07.20	-0.9				i	53	51.60		
			iP	52	23.00	52kmX		0.9s	103.00nm				5.8mb	PVY	82.37	313	iPc	53	31.03	0.0	
			iPcP	52	30.00		Z	17s	5.57um				6.0MszX	BCI	82.41	313	eP	53	31.40	0.3	
			e	53	10.00				LR		25	27.00		OHR	82.44	312	iP	53	30.00	-1.4	
			iPP	54	25.00		TNR	78.32	315	ePd	53	05.00	-4.3X		1.0s	270.00nm			6.2mb		
			ePPP	56	00.00		PVL	78.51	312	iPc	53	12.00	1.6	PRU	82.44	322	iPc	53	31.50	0.4	
			ePcS	56	37.00		DIM	78.81	311	iPc	53	13.00	1.0		1.4s	187.70nm			5.9mb		
			iS	10	00.00		NB2	78.82	332	P	53	10.70	-1.1	Z	19s	1.50um			5.4Msz		
MJMA	68.41	290	iPc	52	11.20	-0.7		1.1s	171.50nm				5.9mb	N	20s	1.80um					
PWA	68.66	31	ePc	52	12.80	0.1	HLW	78.84	298	ePc	53	12.25	-0.2	E	20s	1.00um					
SLKM	68.71	32	iP	52	12.20	-0.9	ALN	78.88	310	iPc	53	12.05	-0.4				e	53	51.30		
COL	68.98	27	iPc	52	14.85	0.2	KDZ	79.04	311	iPc	53	14.00	0.7				e	54	10.00		
			iPd	52	28.76	49kmX	EZN	79.07	309	iP	53	13.20	-0.3				eS	03	41.00		
			ePc	52	37.28		DEV	79.12	315	ePc	53	15.00	1.4				e	04	19.00		
FBA	68.98	27	iPc	52	14.73	0.1	OJC	79.30	320	iPd	53	14.70	0.2	PLE	82.45	314	iPc	53	32.00	0.6	
	0.4s	56.56nm				5.9mb		0.9s	570.00nm				6.5mb	CLL	82.67	323	iPc	53	32.00	-0.2	
PMR	69.03	31	iPc	52	14.53	-0.4				i	53	16.60			1.2s	250.00nm			6.1mb		
	1.0s	281.80nm				6.1mb				i	53	20.90		Z	17s	2.50um			5.7MszX		
Z	21s	1.93um				5.3Msz				i	53	34.90					iP	53	57.40	96kmX	
KEV	69.55	338	iP	52	17.00	-1.0	PRK	79.33	308	iPc	53	14.00	-0.9				eS	03	40.00		
	0.8s	61.60nm				5.6mb	PLD	79.36	311	iPc	53	15.00	0.0	VLI	82.74	307	iPc	53	30.50	-2.4	
			eS	01	20.00		RZN	79.51	311	iPc	53	16.00	-0.1	TTG	82.92	313	iPc	53	33.47	-0.2	
OASM	69.86	290	iP	52	20.13	-0.6	PGB	79.56	312	iPc	53	17.00	0.8	SDA	82.93	313	iPc	53	34.50	0.8	
TOA	70.29	30	iPc	52	24.50	1.7	ASW	79.63	292	iP+	53	18.00	1.2	NKY	82.93	314	iPc	53	33.89	0.0	
KLU	70.55	31	iPc	52	24.55	0.2				e	56	40.00		LACI	82.96	312	eP	53	33.50	-0.4	
SVST	71.34	306	eP	52	30.00	0.3				e	03	18.00		TIR	82.98	312	iP	53	34.00	0.0	
TRHT	71.75	307	eP	52	31.80	-0.3	AKSR	79.67	291	iPc	53	18.50	1.5	LSK	82.98	311	eP	53	33.50	-0.7	
KAF	71.76	330	iP	52	30.30	-1.2	AKUR	79.79	292	iPc	53	18.00	0.4	ULC	83.13	313	eP	53	34.17	-0.7	
	0.4s	18.30nm				5.4mb	AAE	79.98	275	P	53	20.00	0.8	YKA	83.19	23	eP	53	34.50	-0.2	
BALM	72.34	31	iPc	52	35.10	0.0	VTs	80.20	312	iPc	53	20.00	0.3		0.9s	54.50nm			5.6mb		
NUR	72.99	329	iP	52	38.00	-0.8	ASKD	80.21	291	iPc	53	20.50	0.6	BRY	83.19	314	iPc	53	35.09	-0.2	
	0.5s	21.00nm				5.3mb	MMB	80.23	311	iPc	53	19.00	-0.8	BERA	83.20	311	iPd	53	35.00	-0.2	
HON	73.23	74	P	52	50.00	9.1X	RAC	80.30	321	eP	53	20.00	0.2	BDV	83.27	313	iPc	53	34.97	-0.6	
Z	21s	2.63um				5.5Msz		1.2s	1.00nm				3.6mb X	TPE	83.33	311	iPc	53	37.00	1.1	
ADAT	73.31	304	eP	52	41.60	0.5				i	53	21.00		KHC	83.40	321	iPc	53	36.10	0.0	
MBC	73.58	13	ePc	52	41.00	-1.0	CNZ	80.34	140	P	53	20.70	0.4		1.0s	115.00nm			5.9mb		
	0.8s	55.00nm				5.5mb	NGZ	80.36	140	P	53	20.90	0.4	Z	20s	3.00um			5.7Msz		
ALE	73.92	1	ePc	52	43.44	-0.5	BSZ	80.38	141	P	53	20.00	-0.4	N	20s	1.10um					
			ePd	52	58.18	52kmX	SRS	80.51	311	ePc	53	20.34	-0.9	E	20s	0.70um					
			ePc	53	05.13		OUR	80.54	310	ePc	53	20.74	-0.6				e	53	55.50		
HRI	74.16	300	iPc	52	46.80	0.5	KKB	80.57	312	iPc	53	21.00	-0.5				e	54	14.00		
DVR	74.55	308	iP	52	48.40	0.0	SOH	80.79	310	ePc	53	21.66	-1.1				S	03	52.00		
SGKT	74.69	308	iP	52	49.00	-0.4	COP	80.86	327	iPc+	53	22.50	-0.1	HCY	83.42	313	iPc	53	35.90	-0.4	
OBO	74.75	277	Pc	52	50.72	0.9		0.9s	141.18nm				5.9mb	GEC2	83.47	321	ePc	53	36.60	0.1	
JVI	74.90	298	iPc	52	51.10	0.6	Z	21s	2.87um				5.6Msz		0.8s	160.14nm			6.1mb		
TDD	75.17	277	ePc	52	53.33	1.1				eS	03	26.00					e	53	40.10		
ARO	75.32	276	ePc	52	54.18	1.0	PAIG	80													

01d 16h

Z	21s	2.70um	5.6Msz	PGC	87.47	37 ePc	53 57.50	1.3	MAF	91.23	323 iPc	54 14.00	0.0	
N	22s	2.50um		UCC	1.5s	280.00nm		6.3mb		1.1s	360.45nm		6.7mb	
E	22s	1.70um		MME	87.56	326 P+	53 55.00	-1.6	FLN	91.29	326 iPc	54 13.30	-0.9	
		e	54 02.00	TMA	87.59	318 P	53 58.20	1.0		1.2s	41.35nm		5.7mb	
		e	54 15.70	SNF	87.68	320 ePc	53 56.70	-0.8	Z	22s	2.58um		5.6Msz	
		eS	03 56.00	MCW	87.77	325 iPc	53 57.23	-0.3	TCF	91.38	323 iPc	54 14.70	0.0	
HOF	83.79	323 iPc	53 38.20	0.2						1.1s	234.45nm		6.5mb	
WET	83.80	321 iPc	53 38.40	0.3	DOU	87.85	325 Pc	53 57.80	-0.2	DCN	91.43	332 iPc	54 14.20	-0.5
	1.2s	224.00nm		6.1mb		0.9s	392.50nm	6.6mb		0.9s	62.00nm		6.0mb	
VLS	83.83	309 iPc	53 37.30	-1.2			S	04 33.00		FHC	91.49	44 eP	54 17.14	1.8
VBY	84.12	317 iPc	53 40.20	0.5	BSF	87.94	322 iPc	53 57.80	-0.8		1.4s	223.34nm		6.4mb
		i	53 46.40			0.9s	58.15nm	5.8mb	GRR	91.72	326 iPc	54 15.50	-0.7	
		iSP	53 53.40		PII	87.94	317 Pc	53 57.70	-0.8		1.3s	72.20nm		5.9mb
		i	54 05.50		BOB	88.05	319 P	53 59.40	0.2	LSF	91.78	323 iPc	54 16.10	-0.4
LJU	84.31	318 iPc	53 40.60	-0.1	HAU	88.09	323 iPc	53 58.60	-0.6		1.1s	118.70nm		6.2mb
	1.0s	580.00nm		6.6mb		0.9s	70.75nm	5.9mb	LPF	92.04	326 iPc	54 17.00	-0.6	
		e	54 07.00		Z	22s	2.83um	5.6Msz		0.9s	33.25nm		5.8mb	
		eS	04 00.00		EKA	88.31	332 Pc	53 59.30	-0.8	CAF	92.29	322 iPc	54 19.30	0.4
HVAR	84.44	315 iPc	53 40.00	-1.4		0.9s	19.80nm	5.4mb		1.1s	284.25nm		6.6mb	
GRF	84.46	322 iPc	53 42.10	0.7	GMW	88.45	38 iPc	54 02.85	1.9	RJF	92.37	322 iPc	54 19.60	0.4
	1.5s	488.00nm		6.4mb	ORO	88.47	320 P	53 59.90	-1.3		1.1s	552.85nm		6.9mb
Z	22s	2.00um	5.5Msz	DIX	88.55	321 ePc	54 01.90	0.1	Z	22s	1.45um		5.4Msz	
		e(pP)	54 07.20	94kmX	PCP	88.71	319 P	54 01.05	-1.3	MFF	92.47	324 iPc	54 19.50	-0.2
		e(sP)	54 20.80		BMW	88.80	39 iPc	54 04.47	1.7		1.0s	48.80nm		5.9mb
GRFO	84.47	322 eP	53 40.78	-0.6	EMS	88.83	321 ePc	54 03.00	-0.1	LBFM	92.49	42 iPc	54 21.36	1.2
BHG	84.50	320 iPc	53 42.00	0.4	LSD	89.04	320 P	54 04.33	0.2	FCC	92.62	18 eP	54 21.50	1.4
	0.8s	282.00nm		6.4mb	RMW	89.05	37 iPc	54 05.41	1.5	SES	92.72	31 ePc	54 20.90	0.1
KBA	84.53	319 iPc	53 41.50	-0.5	RSP	89.15	320 P	54 02.38	-2.1		1.0s	129.00nm		6.3mb
	0.9s	115.00nm		6.0mb	RSL	89.22	321 P	54 04.04	-0.9			pP	54 38.00	60kmX
		i	53 51.70		ROB	89.26	319 P	54 04.02	-0.9	LPO	92.93	322 iPc	54 22.10	0.3
		i	56 29.00		LPG	89.26	320 iPc	54 05.20	0.0		1.2s	167.80nm		6.3mb
VOY	84.71	318 iPc	53 42.50	-0.3		0.8s	187.00nm	6.5mb	LTCM	92.99	43 eP	54 23.47	1.3	
TRI	84.94	318 eP	53 41.00	-2.8	LPL	89.26	320 iPc	54 05.00	-0.2	LFF	93.02	322 iPc	54 22.60	0.4
		e	57 20.00			0.6s	120.10nm	6.4mb		1.3s	266.45nm		6.5mb	
		e	04 32.00		BHB	89.32	320 P	54 02.38	-2.8	MTHF	93.21	320 P	54 22.86	-0.3
		e	16 44.00		LON	89.45	38 iPc	54 06.88	1.0	LWI	93.53	269 iPd	54 25.20	-0.2
BRT	84.99	313 Pc	53 44.00	-0.2			epP	54 22.74	55kmX	ORV	93.76	44 eP	54 26.18	0.4
FVI	85.11	319 Pc	53 44.00	-0.6	IMI	89.45	319 P	54 05.15	-0.8			epP	54 41.63	53kmX
FUR	85.21	321 iPc	53 45.70	0.5	PGF	89.50	317 P	54 06.22	0.0	TRGS	93.81	320 P	54 25.76	-0.4
	1.0s	724.00nm		6.8mb	SHW	89.53	39 eP	54 08.88	2.6	GRBF	93.85	320 P	54 25.55	-0.7
WIT	85.24	326 iPc	53 46.60	1.5	BNI	89.55	320 Pc	54 06.10	-0.3	LESF	93.88	321 P	54 25.87	-0.4
WATA	85.45	320 iPc	53 45.90	-0.7	RRL	89.56	320 P	54 06.07	-0.5	EPF	94.43	321 iPc	54 30.00	1.2
WTS	85.62	326 iPc	53 47.10	0.0	ENR	89.56	319 P	54 03.61	-2.8		1.1s	25.40nm		5.6mb
	0.8s	148.00nm		6.2mb	PZZ	89.60	319 P	54 04.12	-2.6	ARN	95.00	46 iPc	54 32.46	0.9
VVI	85.63	319 P	53 46.90	-0.4	STV	89.61	319 P	54 03.81	-2.8	KVN	96.19	43 eP	54 39.29	2.1
TNS	85.72	324 ePd	53 47.30	-0.4	SAOF	89.61	319 P	54 05.81	-0.8	BONR	96.72	44 eP	54 40.67	0.9
MOTA	85.73	320 iPc	53 47.20	-0.8	AUTN	89.69	319 P	54 06.72	-0.5	BCH	97.20	47 eP	54 43.23	1.5
	1.0s	116.00nm		6.0mb	SBF	89.75	319 P	54 06.72	-0.6	TNP	97.33	43 iP	54 43.45	1.1
		i	53 57.80		TOUF	89.78	319 P	54 06.77	-0.8		1.7s	78.43nm		6.0mb
SOTA	85.73	320 iPc	53 47.30	-0.6	AURF	89.81	319 P	54 06.94	-0.6	HVU	97.62	38 eP	54 45.29	1.8
	0.9s	148.00nm		6.2mb	COR	89.81	40 ePc	54 09.80	2.4	ISA	97.98	45 (P)	54 44.83	-0.3
NAI	85.82	267 iP	53 52.50	3.4X			iPd	54 24.37	50kmX		1.4s	13.23nm		5.3mb
	2.0s	352.94nm		6.2mb	LOR	89.89	323 iPc	54 07.10	-0.7	TPNV	98.63	43 eP	54 49.70	1.5
BNS	86.00	325 ePc	53 48.80	-0.2		1.1s	209.05nm	6.4mb	Z	19s	2.22um		5.7Msz	
	0.9s	129.00nm		6.1mb	Z	22s	1.70um	5.4Msz	DUG	98.64	39 eP	54 49.28	1.2	
Z	27s	5.60um	5.8MszX	LBF	89.99	323 iPc	54 07.70	-0.6		1.3s	11.19nm		5.2mb	
		ePP	57 08.00			1.0s	296.00nm	6.6mb	GSC	99.29	45 ePDiff	54 51.49	0.4	
		eS	04 38.00		WME	90.10	331 ePc	54 08.10	-0.5	DAU	99.38	38 eP	54 52.81	1.1
OGA	86.01	320 iPc	53 49.40	-0.1		0.9s	72.00nm	6.0mb	ARUT	99.83	41 eP	54 54.31	0.6	
	1.0s	287.00nm		6.4mb	SSF	90.21	323 iPc	54 08.70	-0.5	PEC	99.91	46 eP	54 54.60	0.7
TDS	86.14	312 Pc	53 50.60	0.6		1.1s	185.10nm	6.3mb	MSU	100.11	40 ePdiff	54 56.17	1.3	
SGO	86.42	313 P	53 51.30	0.1	YLL	90.21	331 ePc	54 08.60	-0.5	BCAO	100.20	279 iPdiff	54 54.00	-1.5
DUI	86.45	314 P	53 52.10	0.5	SMF	90.26	322 iPc	54 09.10	-0.4		1.3s	24.00nm		5.6mb
ARV	86.54	316 Pc	53 52.20	0.3		1.0s	457.60nm	6.8mb			i	58 40.50		
OSS	86.63	320 ePc	53 52.20	-0.2	YRC	90.32	331 ePc	54 09.00	-0.6			i	01 11.00	
RSM	86.63	317 P	53 53.10	0.9	FRF	90.40	319 iPc	54 09.70	-0.5	RSSD	100.54	32 iPdiff	54 57.79	1.1
ENN	86.76	325 iPc	53 52.80	0.1		0.9s	77.65nm	6.1mb		1.2s	16.54nm		5.5mb	
	1.0s	210.00nm		6.3mb	YRE	90.43	331 ePc	54 09.60	-0.5	Z	20s	0.69um		5.2Msz
		id	54 02.90		AVF	90.45	323 iPc	54 09.90	-0.5			epP	55 14.28	
		id	54 06.90			1.1s	359.45nm	6.6mb	PFO	100.55	46 ePdiff	54 57.19	0.4	
AQU	86.81	315 P	53 53.80	0.6	LMR	90.61	319 iPc	54 10.90	-0.2	BUL	100.56	253 iPdiff	54 56.50	-0.6
MEM	86.81	325 iPc	53 52.68	-0.3		1.3s	237.55nm	6.4mb		0.9s	16.39nm		5.6mb	
ASS	86.93	316 Pc	53 53.70	-0.1	LRG	90.63	319 iPc	54 11.20	0.0	SRU	100.68	39 ePdiff	54 57.29	0.0
SAL	86.96	319 P	53 53.80	0.0		1.2s	289.20nm	6.5mb	MAW	100.84	199 Pdiff	54 57.40	0.3	
AZI	86.96	315 P	53 54.10	0.2	SSB	90.66	321 P	54 10.68	-0.8	GOL	103.11	35 Pdiff	55 20.00	11.7X
SLE	87.01	322 ePc	53 53.30	-0.8	VGB	90.75	39 eP	54 13.49	1.6		Z	20s	0.76um	5.2Msz
SOI	87.07	310 Pc	53 54.90	0.4	DPW	90.77	36 iPc	54 13.27	1.4		Z	19s	1.14um	5.4Msz
CRE	87.10	317 Pc	53 55.10	0.4			epP	54 29.52	56kmX	JFWS	107.43	24 PKP	59 50.00	14.5X
PGD	87.12	317 Pc	53 56.00	1.1	BGF	90.87	323 iPc	54 11.90	-0.4		Z	19s	1.01um	5.4Msz

SLM 111.11 26 PKP 59 50.00 7.4X
Z 20s 0.74um 5.2Msz
FVM 111.58 27 PKP 59 50.00 6.5X
Z 18s 1.43um 5.6Msz
ELC 112.67 26 PKP 59 42.20 -3.4X
HRV 112.95 11 PKP 00 00.00 14.1X
Z 21s 1.01um 5.4Msz
SPA 113.61 180 ePKP 59 45.00 -1.7
0.6s 5.28nm
MCWV 113.79 18 PKP 00 00.00 12.3X
Z 20s 2.37um 5.8Msz
NAV 115.68 20 Pdiff 56 00.80 -3.1X
JSC 118.31 22 ePKP 59 55.44 -1.0
NVL 118.75 201 (PKP) 00 16.00 19.8X
Z 19s 2.00um 5.8Msz
N 19s 2.00um
E 20s 0.50um

KIC 119.78 293 PKP 59 58.70 -1.2
TIC 119.87 293 PKP 59 58.80 -1.2
LIC 120.10 293 PKP 59 59.20 -1.2
1.1s 43.00nm
TPM 121.83 47 (PKP) 00 01.50 -2.3X
KDS 122.26 304 ePKP 00 02.80 -1.7
TOV 144.83 20 ePKP 00 46.10 -0.6
SDV 145.40 22 ePKP 00 46.90 -1.0
ITR 155.83 305 iPKPd 01 02.60 -0.6
e 01 12.10
e 01 28.90

BDF 167.32 307 PKPd 01 14.00 -0.9
BAO 167.37 308 e(PKP) 01 14.00 -1.0
e 01 34.80

ZOBO 168.16 53 iPKPc 01 17.00 0.9
1.2s 50.68nm
LR 00 48.00

LPB 168.34 54 PKP 07 17.30 1.3
e 06 30.00

CNCB 168.61 54 PKP 01 18.20 1.9
i 06 35.00

CCH 170.31 51 PKP 01 17.20 0.2
SIV 171.86 19 PKP 01 18.60 1.3

S.D. = 1.1 on 418 of 447 obs.

SEP 01, 1992 17h 39m 14.57±0.71s
42.657 N ± 6.7km 24.630 E ± 5.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

PGB 0.36 253 iPg 39 21.00 -1.0
PLD 0.55 174 iPg 39 24.00 -1.8
PVL 0.76 42 iPg 39 29.00 -0.4
DIM 0.90 132 iPg 39 33.00 1.1
RZN 0.97 176 iPg 39 32.00 -1.2
VTS 1.05 267 iPg 39 33.00 -1.5
KDZ 1.16 150 iPg 39 35.00 -1.3
MMB 1.26 212 iPd 39 37.00 -1.0
KKB 1.39 236 iPd 39 39.00 -1.0
JMB 1.46 97 iPd 40 00.00 19.1X
SRS 1.72 207 ePb 39 45.14 0.4
eSb 40 07.70

KNT 1.98 221 ePb 39 49.26 0.8
eSb 40 13.94

ALN 2.05 148 ePb 39 50.42 0.9
eSb 40 17.02

SOH 2.07 208 ePb 39 51.26 1.5
OUR 2.37 192 ePn 39 55.50 1.4

THE 2.38 212 ePn 39 55.34 1.2
GRG 2.38 225 ePn 39 56.54 2.3
eSn 40 26.70

MTUR 2.59 7 eP 40 10.50 13.3X
PSN 2.79 67 iPd 40 07.00 6.9X
MLR 2.99 18 ePd 40 09.30 6.3X

CTT 3.21 117 iPg 40 04.90 -1.2
VRI 3.55 24 eP 40 11.50 0.7

S.D. = 1.4 on 18 of 22 obs.

* SEP 01, 1992 17h 41m 31.06±0.78s
31.605 S ± 8.1km 69.696 W ± 12.4km
DEPTH = 140.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.1 (SAN).

ZON 0.87 86 eP 41 53.50 -0.6
eS 42 08.50

JACH 1.32 215 iPd 41 58.37 0.0
iS 42 17.90

TLL 1.72 326 eP 42 03.50 0.5

IS -42.25.50

PEL 1.75 208 iP 42 02.96 -0.1
iS 42 25.82

ROCH 1.76 219 iP+ 42 02.94 -0.5
iS 42 25.62

FCH 1.79 196 iP+ 42 04.81 1.0
iS 42 29.52

PCH 2.13 199 iP+ 42 08.47 0.8
TACH 2.30 207 iP+ 42 09.28 -0.4
iS 42 37.37

LCCH 2.45 220 iPd 42 10.89 -0.6
iS 42 39.98

CHCH 2.46 199 iP+ 42 11.87 0.2
iS 42 42.49

CACH 2.62 197 iPd 42 14.58 0.7
iS 42 46.36

LNV 2.75 211 iP+ 42 14.29 -1.1
S.D. = 0.7 on 12 of 12 obs.

* SEP 01, 1992 17h 47m 31.87±0.68s
44.295 N ± 13.8km 17.663 E ± 14.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.8 (TTG).

BRY 1.53 155 iPg 47 58.25 -1.2
iSg 48 20.55

PLE 1.58 127 iPg 48 00.28 0.2
iSg 48 23.03

NKY 1.77 146 iPnc 48 02.95 0.1
iSn 48 27.91

HCY 1.94 161 iPnc 48 05.53 0.3
iSn 48 31.97

PTJ 2.01 324 iPn 48 06.30 0.0
iSn 48 31.40

VBY 2.09 306 ePn 48 05.60 -1.8
iPg 48 08.10
iSn 48 30.40

IVA 2.16 130 iPnd 48 08.90 0.4
iSn 48 37.36

BDV 2.18 157 iPnc 48 09.03 0.3
iSn 48 37.76

TTG 2.20 147 iPnd 48 09.22 0.3
iSn 48 38.47

PVY 2.39 134 iPnc 48 11.66 -0.2
iSn 48 43.25

ULC 2.60 153 iPnc 48 14.53 -0.2
iSn 48 48.26

TRI 3.11 298 eP 48 23.60 1.8
S.D. = 1.0 on 12 of 12 obs.

? SEP 01, 1992 19h 33m 26.60±0.75s
45.684 N ± 15.9km 26.778 E ± 16.1km
DEPTH = 130.0km (geophysicist)

ROMANIA (358)

VRI 0.19 349 iPd 33 44.50 0.5
ISR 0.57 197 ePd 33 46.50 0.1

MLR 0.62 252 ePd 33 46.50 -0.3
CLI 0.93 22 ePd 33 49.00 -0.2

CFR 1.09 117 eP 33 50.50 -0.1
S.D. = 0.5 on 5 of 5 obs.

? SEP 01, 1992 20h 38m 36.28±4.90s
2.023 S ± 61.5km 138.803 E ± 20.9km
DEPTH = 33.0km (normol)
4.4mb (2 obs.)

IRIAN JAYA, INDONESIA (201)

WWKK 5.07 108 eP 39 51.90 -0.2
MTN 13.17 215 eP 41 43.00 -0.6

eS 44 05.00
KNA 16.85 215 eP 42 31.40 0.0
WB2 18.34 193 eP 42 50.00 0.1

0.5s 14.10nm 4.4mb
eS 46 05.10

ASPA 22.03 192 iPd 43 30.20 0.3
0.9s 15.50nm 4.4mb

eS 47 34.80
WARB 26.72 205 eP 44 15.00 0.3
S.D. = 0.4 on 6 of 6 obs.

* SEP 01, 1992 20h 43m 01.04±3.00s
43.223 N ± 21.6km 20.788 E ± 17.0km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 2.3 (TTG).

IVA 0.74 242 iPg 43 14.41 -1.2
iSg 43 24.05

PVY 0.87 224 iPg 43 16.75 -1.1
iSg 43 29.04

PLE 1.02 276 iPg 43 19.60 -0.9
iSg 43 33.10

SKO 1.34 159 iPn 43 25.20 -0.5
iSg 43 44.10

NKY 1.38 253 iPg 43 26.24 -0.1
iSg 43 44.73

TTG 1.38 235 iPg 43 25.78 -0.4
iSg 43 45.39

BRY 1.68 260 iPg 43 30.79 0.1
iSg 43 54.36

ULC 1.70 223 iPnc 43 32.29 1.4
iSn 43 55.36

BDV 1.72 238 iPnd 43 32.65 1.4
iSn 43 56.01

HCY 1.85 246 iPnd 43 34.30 1.2
iSn 43 59.10
S.D. = 1.2 on 10 of 10 obs.

* SEP 01, 1992 21h 00m 59.33±0.64s
42.429 N ± 5.8km 19.389 E ± 4.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.6 (TTG).

TTG 0.09 270 iPg 01 03.06 1.1
iSg 01 06.10

BDV 0.44 251 iPg 01 08.29 0.0
iSg 01 14.90

PVY 0.46 69 iPg 01 09.10 0.3
iSg 01 16.11

ULC 0.48 193 iPg 01 08.71 -0.3
iSg 01 16.41

NKY 0.48 323 iPg 01 09.10 0.0
iSg 01 16.70

IVA 0.58 40 iPg 01 10.89 -0.3
iSg 01 20.09

HCY 0.66 272 iPg 01 12.19 -0.3
iSg 01 22.26

BRY 0.78 307 iPg 01 14.11 -0.5
iSg 01 26.16
S.D. = 0.6 on 8 of 8 obs.

* SEP 01, 1992 21h 17m 57.89s
34.266 N 116.769 W
DEPTH = 2.9km

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

PEC 0.49 221 ePd 18 07.28 -0.5
eS 18 13.22

SSK 0.77 266 iPd 18 12.39 -0.8
S 18 23.73

PLM 0.91 185 iPd 18 14.99 -1.2
ISA 1.98 315 ePn 18 32.77 0.1

GLA 2.02 126 ePn 18 31.55 -1.8
ABL 2.11 287 ePn 18 33.02 -1.7

TPNV 2.71 9 ePn 18 43.38 0.1
BCH 2.88 289 ePn 18 43.83 -1.9

ARUT 4.43 37 ePn 19 06.41 -1.3
9 obs. associated

SEP 01, 1992 22h 07m 50.75±0.39s
38.184 N ± 3.9km 28.458 E ± 3.8km
DEPTH = 9.6 ± 2.6 km

TURKEY (366)
MD 3.9 (ATH). Felt at Nazilli.

KHL 0.85 80 ePg 08 06.50 -0.7
DST 1.43 5 iPn 08 17.70 0.9

ALT 1.56 56 ePn 08 19.80 1.1
BCK 1.84 112 iPn 08 21.50 -1.2

ELL 1.84 141 iPn 08 22.00 -0.8
PRK 2.01 302 iPnc 08 25.60 0.4

eSn 08 55.00
KCT 2.06 358 iPn 08 26.00 0.1

BNT 2.21 349 iPn 08 28.00 0.0
EDC 2.21 348 iPn 08 28.50 0.5

EZN 2.33 315 iPn 08 29.90 0.1
KGT 2.44 339 ePn 08 31.40 0.2

YLV 2.48 16 ePn 08 33.00 1.0
GBZT 2.71 16 eP 08 44.00 8.8X

01d 22h

EYL 2.72 28 ePn 08 36.00 0.6
 GYN 2.79 38 eP 08 44.40 8.0X
 ISK 2.92 9 ePn 08 38.00 0.0
 ALN 3.29 326 iPc 08 43.50 0.1
 SGKT 3.67 48 eP 09 03.20 14.2X
 DMK 3.67 352 ePn 08 48.50 -0.3
 NPS 3.70 219 ePn 08 51.00 1.7
 BBTk 3.74 62 eP 08 38.20 -11.7X
 eS 08 57.80
 DVR 4.04 42 eP 09 09.80 15.7X
 OUR 4.08 303 iPc 08 54.14 -0.5
 PAIG 4.11 297 iPc 08 54.46 -0.5
 KDZ 4.18 327 iPc 08 56.00 0.0
 JMB 4.51 342 iP 09 02.00 1.3
 RZN 4.53 322 iPc 09 01.00 -0.1
 VLI 4.63 253 ePn 09 04.00 1.6
 SOH 4.75 305 iPc 09 03.74 -0.4
 SRS 4.76 309 iPc 09 03.61 -0.7
 PLD 4.86 325 iPc 09 05.00 -0.6
 THE 4.91 302 iPc 09 06.14 -0.2
 MMB 4.98 315 iPc 09 07.00 -0.4
 LIT 5.02 294 iPc 09 07.90 0.0
 KNT 5.22 306 iPc 09 10.70 -0.1
 GRG 5.44 303 iPc 09 13.82 -0.1
 KKB 5.53 313 iPc 09 14.00 -1.1
 PVL 5.56 336 iP 09 15.00 -0.5
 VTS 5.95 319 iP 09 21.00 -0.2
 SKO 6.58 307 iP 09 29.00 -1.0
 i 09 33.00
 MLR 7.54 346 ePd 09 43.50 0.0
 S.D. = 0.7 on 36 of 41 obs.

? SEP 01, 1992 22h 08m 14.42± 2.20s
 20.923 S ± 23.7km 68.170 W ± 16.8km
 DEPTH = 120.0km (geophysicist)
 CHILE-BOLIVIA BORDER REGION (124)

LPB 4.37 1 P 09 20.00 -0.3
 ZOBO 4.61 0 P 09 29.00 5.2X
 ARE 5.44 324 eP 09 35.00 0.2
 eS 10 34.00
 SIV 8.33 55 P 10 14.40 0.4
 PPD 15.73 97 (P) 11 51.00 0.4
 BAD 19.86 78 e(P) 12 37.80 -0.8
 S.D. = 0.7 on 5 of 6 obs.

SEP 01, 1992 22h 13m 29.49± 0.52s
 39.323 N ± 4.2km 23.678 E ± 6.3km
 DEPTH = 19.6 ± 4.6 km
 AEGEAN SEA (365)
 ML 3.0 (ATH). MD 3.2 (THE).

PAIG 0.60 0 iPg 13 41.86 0.6
 eSg 13 51.50
 OUR 1.04 13 iPg 13 48.78 0.2
 AGG 1.09 254 ePg 13 49.66 0.1
 eSg 14 05.42
 LIT 1.20 311 ePb 13 51.10 -0.1
 ATH 1.35 179 iPnc 13 53.70 0.4
 THE 1.42 337 ePb 13 54.22 0.0
 eSb 14 12.29
 SOH 1.52 351 iPbc 13 56.02 0.3
 KZN 1.77 304 iPnd 14 05.20 5.8X
 eSn 14 26.50
 SRS 1.79 358 ePb 14 00.18 0.5
 GRG 1.90 329 iPbd 14 01.74 0.4
 eSb 14 24.82
 KNT 1.93 342 ePb 14 02.14 0.4
 eSb 14 24.82
 PRK 2.01 91 ePn 14 07.50 4.6X
 EZN 2.11 75 iPn 14 08.40 4.2X
 MMB 2.26 1 iPd 14 06.00 -0.5
 ALN 2.40 48 ePn 14 08.50 0.1
 eSn 14 37.46
 RZN 2.49 18 iPd 14 10.00 0.1
 LSK 2.51 290 ePn 14 14.20 4.1X
 KKB 2.58 350 iPc 14 11.00 0.0
 VLI 2.67 193 ePn 14 12.00 -0.2
 VLS 2.67 246 ePn 14 16.00 3.7X
 KDZ 2.68 29 iPd 14 11.00 -1.4
 DHR 2.84 310 ePn 14 18.70 4.0X
 SRN 2.89 282 ePn 14 18.80 3.4X
 TPE 2.99 290 ePn 14 28.00 11.3X
 KGT 3.01 67 ePn 14 23.00 6.0X
 KEK 3.03 279 ePb 14 26.00 8.7X
 SKO 3.15 328 ePn 14 17.20 -1.8

BERA 3.18 297 ePn 14 35.40 15.9X
 VTS 3.28 354 eP 14 22.00 0.9
 EDC 3.38 71 ePn 14 30.00 7.7X
 BNT 3.42 71 ePn 14 31.50 8.5X
 DST 3.84 84 ePn 14 39.00 10.1X
 YLV 4.55 72 ePn 14 46.00 6.9X
 S.D. = 0.7 on 18 of 33 obs.

? SEP 01, 1992 22h 36m 39.52± 3.29s
 18.810 S ± 15.5km 70.987 W ± 27.9km
 DEPTH = 261.0 ± 53.4 km
 NEAR COAST OF NORTHERN CHILE (122)

ARE 2.38 348 eP 37 27.00 -0.1
 IS 38 02.40
 ZOBO 3.70 48 Pc 37 42.00 0.5
 S 38 56.00
 CCH 4.82 74 eP 37 54.00 -0.4
 ANT 4.90 174 eP 37 55.00 0.1
 SIV 9.87 75 P 38 57.40 0.0
 S.D. = 0.6 on 5 of 5 obs.

SEP 01, 1992 22h 38m 45.82± 0.65s
 35.104 N ± 7.2km 110.750 E ± 9.0km
 DEPTH = 5.0km (geophysicist)
 4.5mb (1 obs.)
 SOUTHEASTERN CHINA (664)
 ML 4.4 (BJI).

XAN 1.85 235 iPnc 39 18.90 0.5
 Pg 39 21.00
 Sn 39 38.50
 Sg 39 41.00
 TIY 2.94 27 iPnd 39 35.60 1.5
 Pg 39 43.60
 Sn 40 17.60
 WHN 5.46 145 Pn 40 10.00 0.1
 BTO 5.52 354 ePn 40 09.80 -0.9
 Pg 40 24.20
 Sg 41 34.40
 LZH 5.71 282 ePn 40 05.50 -8.1X
 Z 10s 0.37um
 HHC 5.77 6 Pn 40 13.80 -0.5
 Sg 41 42.00
 BJI 6.54 40 ePn 40 24.50 -0.6
 Pg 40 48.00
 Sg 42 09.00
 CD2 7.21 236 ePn 40 33.00 -1.5
 Sn 41 51.00
 Sg 42 29.40
 GYA 9.31 203 P 41 02.80 -0.9
 S 42 42.80
 WMQ 19.77 303 eP 43 18.80 -0.9
 GUN 22.35 258 P 43 48.60 2.1
 PKI 22.87 258 P 43 53.20 1.5
 KKN 22.88 258 P 43 54.40 2.8X
 DMN 23.10 258 P 43 54.20 0.4
 GKN 23.31 260 P 43 55.00 -0.8
 NB2 64.28 328 P 49 19.30 -4.8X
 0.7s 2.30nm 4.5mb
 S.D. = 1.2 on 13 of 16 obs.

% SEP 01, 1992 23h 44m 14.80± 2.49s
 39.107 N ± 19.4km 23.313 E ± 14.4km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 1.9 (THE).

AGG 0.77 264 ePg 44 29.94 0.1
 eSg 44 41.34
 PAIG 0.87 19 ePg 44 32.22 0.8
 eSg 44 43.74
 LIT 1.18 328 ePb 44 37.06 0.2
 eSb 44 52.78
 OUR 1.33 23 ePb 44 39.02 -0.3
 eSb 44 55.94
 SOH 1.71 1 ePb 44 44.70 -0.2
 GRG 1.98 340 ePn 44 48.30 -0.4
 SRS 2.02 6 ePn 44 49.02 -0.3
 S.D. = 0.5 on 7 of 7 obs.

SEP 02, 1992 00h 16m 01.69± 0.21s
 11.742 N ± 4.0km 87.340 W ± 3.5km
 DEPTH = 44.8km (geophysicist)
 5.3mb (51 obs.) 7.2msz (30 obs.)
 NEAR COAST OF NICARAGUA (74)
 Ms 7.4 (BRK). Mo=3.2*10**20 Nm

(PPT). At least 116 people killed, more than 68 missing and over 13,500 left homeless in Nicaragua. At least 1,300 houses and 185 fishing boats were destroyed along the west coast of Nicaragua. Total damage in Nicaragua is estimated at between 20 and 30 million U.S. dollars. Some damage was also reported in Costa Rica. Most of the casualties and damage were caused by a tsunami affecting the west coasts of Nicaragua and Costa Rica, reaching heights of up to 8 meters. Tsunami run-up of 1,000 meters was reported at Mosochapo, Nicaragua. Maximum wave heights (in cm. peak-to-trough) at selected tide stations were as follows: 111 at Baltra Island, 83 at Easter Island, 28 at Socorro Island, 18 at La Libertad, Ecuador, 10 at Valparaiso, Chile and 10 at Hilo, Hawaii. Felt in Chinandega and Leon Departments, Nicaragua. Also felt at Crucero, Managua and San Marcos, Nicaragua and at San Jose, Costa Rica. Two events about 9 seconds apart. Depth from broadband displacement seismograms, based on second event.

FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=130 Dip=77 Slip= 85
 NP2: 331 14 111
 Principal Axes:
 T P1g=58 Azm= 33
 P 32 224
 Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.

RADIATED ENERGY
 No. of sta: 11 Focal mech. F
 Energy 2.6±0.7*10**14 Nm
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 M.W.: 31S, 85C
 Centroid Location:
 Origin Time 00:16:42.0 0.1
 Lat 11.20N 0.01 Lon 87.81W 0.01
 Dep 15.0 FIX Half-duration 18.5
 Moment Tensor: Scale 10**20 Nm
 Mrr=-1.45 0.01 Mtt=-0.93 0.00
 Mff=-0.53 0.01 Mrt= 2.65 0.06
 Mtr=-1.66 0.06 Mtf= 0.44 0.00
 Principal Axes:
 T Val= 3.52 P1g=57 Azm= 32
 N -0.24 0 122
 P -3.28 33 212
 Best Double Couple: Mo=3.4*10**20
 NP1: Strike=303 Dip=12 Slip= 91
 NP2: 122 78 90

PYT 1.47 58 P 16 38.29 12.1X
 JUD 2.36 132 iPd 16 35.45 -3.4X
 CAO 2.99 132 iPd 16 45.65 -2.2
 EPA 3.21 123 iPd 16 50.36 -0.6
 POA2 3.41 117 eP 16 55.45 1.4
 SJS 3.69 119 eP 16 59.34 1.5
 DCM 3.79 119 iPd 16 59.45 0.1
 IR22 3.81 117 iPd 17 00.96 1.2
 LCR2 3.83 121 ePd 16 59.63 -0.3
 ICR 3.87 117 eP 17 02.43 1.8
 VTU 3.91 116 ePd 17 02.96 1.7
 QPS 3.92 126 ePd 16 59.56 -1.4
 CDM 4.13 121 ePd 17 03.66 -0.7
 ACR 5.13 126 eP 17 11.64 -6.4X
 TPX 5.73 304 (P) 17 34.96 8.4X
 DVD 5.83 124 iPc 17 26.40 -1.5
 SCX 7.14 315 (P) 18 02.29 16.0X
 ECO 7.88 107 eP 17 56.80 0.2

UPA	8.15	109	iP+	18 02.00	1.6	ACD	27.03	339	iPc	21 40.00	-1.7	FRI	38.42	316	ePd	23 21.13	0.3
PBJ	9.11	302	(P)	18 13.00	-0.6	CBN	27.82	17	eP	21 49.00	0.2	KVN	38.54	320	iP	23 34.63	12.6X
PCJ	11.50	58	ePd	18 55.18	8.9X				e	21 59.00		PRI	38.64	315	eP	23 24.01	1.2
			S	20 19.37					e	26 59.00		CBM	38.65	21	eP	23 22.87	0.3
STH	11.96	57	ePd	18 58.15	5.7X	MCWV	28.59	12	(P)	21 59.04	3.3X	ANT	38.92	155	eP	23 18.50	-6.6X
			S	20 26.37			0.6s	149.77nm			5.8mb	LMN	39.03	25	ePd	23 27.00	1.3
HOJ	11.98	57	ePd	19 08.32	15.7X	ALQ	28.90	326	eP	21 59.15	0.3	ULM	39.03	351	eP	23 24.50	-1.2
			S	20 30.01			0.8s	12.32nm			4.6mb	LLA	39.07	315	ePd	23 26.92	0.6
IISM	12.06	308	(P)	18 53.47	-0.3	ANMO	28.90	326	(P)	22 01.07	2.2	PRS	39.23	314	ePd	23 28.38	0.8
YHJ	12.14	58	ePd	19 04.91	10.1X	SCP	30.12	14	(P)	22 10.52	1.1	CMB	39.44	317	ePc	23 29.00	-0.3
			S	20 40.81			1.2s	168.37nm			5.7mb		2.6s	1800.00nm		6.4mb X	
IIT	12.81	306	(P)	19 05.10	1.1			ic		22 19.95		Z	21s	138.00um		6.8Msz	
PPM	13.09	305	(P)	19 08.06	0.1			e		22 31.21		N	20s	469.00um			
ACX	13.16	294	(P)	19 07.00	-1.3			ed		22 38.49		E	20s	812.00um			
III	13.44	301	(P)	19 12.38	0.2	LVNJ	31.00	19	eP	22 16.98	-0.2			ePP	25 28.00		
UNM	13.67	305	(P)	19 14.50	-0.9	JFWS	31.16	356	eP	22 17.12	-1.4			iS	29 39.00		
BMG	14.82	107	eP	19 31.00	0.8		1.1s	114.81nm			5.6mb			eLO	33 00.00		
MRX	15.50	302	(P)	19 40.40	1.5	GMTN	31.25	19	eP	22 19.80	0.4			eLR	35 05.00		
SDV	16.68	98	eP	19 54.80	0.7	PNJ	31.28	19	iP	22 19.80	0.2	BGMT	39.49	332	eP	23 29.90	0.0
TOV	17.35	95	iPc	20 03.80	1.4	DLA	31.40	8	P	22 19.70	-1.0	SAO	39.50	315	eP	23 30.00	0.2
COLM	17.40	297	(P)	20 02.00	-1.0	TBR	31.47	19	eP	22 20.13	-1.2	MCMT	39.55	331	ePc	23 30.00	0.4
CGX	17.41	299	(P)	20 17.28	14.0X	LDN	31.64	9	P	22 21.60	-1.1	SXM	39.83	334	eP	23 32.20	-0.4
GUM2	17.70	302	(P)	20 14.00	7.2X	ELF	31.77	8	P	22 22.60	-1.3	ARN	39.85	316	eP	23 33.58	0.8
CEOS	18.89	96	eP	20 38.10	16.7X	GLD	32.08	334	eP	22 27.00	0.1	LCCM	39.88	333	ePc	23 32.60	-0.4
CAR	20.07	91	iP	20 34.00	-0.3		1.6s	562.96nm			6.2mb	MHC	39.92	316	eP	23 35.00	1.6
			iS	23 24.00		Z	20s	265.00um			6.9Msz	GCC	40.01	315	eP	23 30.51	-3.5X
OLLA	20.24	93	eP	20 47.30	11.2X	GOL	32.10	333	eP	22 25.95	-1.2	LRM	40.12	333	ePc	23 34.60	-0.5
PORP	20.96	70	P	20 43.00	-0.4		1.3s	221.17nm			5.9mb			e	24 02.90		
CLLP	21.02	70	P	20 44.00	0.0	ARE	32.11	150	eP	22 27.00	-0.5	HBMT	40.17	332	eP	23 34.90	-0.6
GUAN	21.38	93	eP	20 58.60	10.8X	ACTO	32.37	10	P	22 28.46	-0.7	PCC	40.51	315	iPd	23 39.45	1.4
WZX	21.45	305	(P)	20 50.00	1.7	GLA	32.92	315	eP	22 34.07	-0.1	HRY	40.54	334	eP	23 38.10	-0.2
HBF	22.04	16	eP	20 56.06	2.0	WLVO	32.98	12	P	22 43.96	9.5X	BKS	40.60	316	eP	23 41.00	2.2
SGS	22.25	15	eP	20 57.68	1.5	HRV	33.59	21	(P)	22 37.92	-1.8		2.7s	4500.00nm		6.8mb X	
PRM	22.70	11	eP	21 01.72	1.1		1.2s	168.37nm			5.8mb	Z	20s	541.00um		7.4Msz	
CUM	22.77	91	iP	21 08.00	6.5X			ic		22 49.01		N	20s	554.00um			
			iS	25 31.00				e		23 00.93		E	20s	1000.00um			
JSC	23.11	13	eP	21 05.21	0.6			ed		23 08.04		ORV	41.00	319	ePd	23 44.05	2.0
PWLA	23.14	358	eP	21 04.49	-0.4	ZOBO	33.71	145	eP	22 39.00	-2.8	MIN	41.50	319	ePd	24 01.13	14.8X
UYO	23.25	345	iPc	21 06.00	0.0	LPB	33.93	146	P	22 44.10	0.7	SLA	42.05	150	e(P)	23 50.30	-0.7
LHS	23.40	14	eP	21 08.69	1.2	SRU	34.16	327	eP	22 43.99	-1.0			e	23 54.80		
OLY	23.95	352	eP	21 11.67	-1.1	PFO	34.37	314	(P)	22 47.25	0.5			e	23 59.00		
GBTN	23.99	6	eP	21 13.37	0.2			ic		22 57.68		LBFM	42.24	321	eP	23 51.97	-0.5
TKL	24.03	7	ePc	21 14.53	1.0			e		23 09.10		JAO	42.96	10	ePc	23 56.00	-2.0
SKI	24.44	74	eP	21 16.41	-1.3			ed		23 16.22		SES	43.17	338	eP	23 58.00	-1.8
NEV	24.57	74	eP	21 20.30	1.4	RSNY	34.50	16	eP	22 46.66	-0.9		1.5s	689.00nm		6.2mb	
VVO	24.69	343	eP	21 20.30	0.3		0.8s	145.75nm			6.0mb	FHC	43.27	319	iPd	24 01.40	0.7
LST	24.77	355	eP	21 20.10	-0.5	PLM	34.52	313	eP	22 49.24	1.1	ARC	43.37	319	eP	24 03.00	1.6
MGH	24.84	76	eP	21 20.00	-1.6	MSU	34.65	325	eP	22 48.69	-0.6	DPW	44.31	330	eP	24 06.93	-2.2
MEO	25.12	338	iPc	21 22.10	-1.9	EMUT	34.83	328	eP	22 50.28	-0.5	COR	44.94	324	(P)	24 15.07	1.0
GRW	25.12	86	eP	21 33.69	9.4X	ARUT	34.90	322	eP	22 50.97	-0.3			ic	24 23.35		
FKO	25.13	340	iPc	21 24.50	0.4	PEC	35.02	314	eP	22 53.29	1.1			e	24 34.94		
FNO	25.13	340	iPc	21 23.40	-0.7		1.4s	105.93nm			5.6mb			e	24 42.22		
CEH	25.17	16	eP	21 25.16	0.7	RSSD	35.33	339	eP	22 55.06	0.1	LON	45.41	327	(P)	24 17.32	-0.5
	1.0s	246.46nm			5.7mb		0.8s	36.98nm			5.4mb			ic	24 26.59		
Z	20s	254.01um			6.7Msz	EEO	35.48	10	eP	22 56.00	0.1			e	24 38.51		
		S		26 31.19		DAU	35.50	328	eP	22 55.79	-0.8			ed	24 44.96		
BPA	25.23	75	eP	21 27.22	2.0	BNH	35.53	20	eP	22 56.16	-0.2	RMW	45.86	328	(P)	24 20.24	-1.2
SIO	25.24	343	eP	21 25.20	0.0	GSC	35.53	316	(P)	22 58.73	2.1	BMW	46.01	326	eP	24 21.16	-1.5
TUL	25.25	344	eP	21 24.10	-1.1			ec		23 06.67		GMW	46.43	327	eP	24 22.73	-3.1X
	0.9s	206.00nm			5.7mb			e		23 18.92		ZON	46.61	158	eP	24 37.00	9.5X
Z	18s	351.19um			6.9Msz			ed		23 26.54		CFA	46.83	157	e(P)	24 34.30	5.1X
		S		26 27.00		SSK	35.56	314	eP	22 57.15	0.2	IHA	46.97	162	eP	24 29.50	-0.7
LNO	25.25	344	eP	21 24.00	-1.1	CCH	35.72	144	eP	22 58.00	-0.6	MCW	47.17	328	eP	24 35.52	3.9X
LNO2	25.25	344	eP	21 24.10	-1.1	TPNV	36.12	319	eP	23 02.32	0.7	FCC	47.20	355	eP	24 37.00	5.3X
RLO	25.29	345	eP	21 24.50	-1.1		1.0s	26.58nm			5.1mb	PEL	47.38	161	eP	24 32.50	-1.0
CPB	25.35	74	eP	21 27.30	1.0	DUG	36.17	326	eP	23 02.01	0.0	PGC	47.47	328	eP	24 34.50	0.6
OCO	25.40	340	iPc	21 26.60	0.0		1.1s	24.77nm			5.0mb	BAO	47.51	124	Pc	24 33.00	-1.9
TRN	25.46	90	eP	21 34.00	6.6X	ISA	36.87	315	(P)	23 08.74	0.9			e	24 50.10		
ELC	25.49	357	ePc	21 26.08	-1.4		0.9s	18.10nm			5.0mb			e	25 22.00		
SVB	25.51	84	eP	21 32.19	4.3X	Z	22s	348.00um			7.1Msz	BDF	47.59	124	(P)	24 33.46	-2.1
MGG	25.60	78	eP	21 26.00	-2.6			ec		23 18.67				ec	24 41.90		
FDF	25.66	80	eP	21 30.00	0.7			e		23 30.59				e	24 51.83		
		S		26 25.40				ed		23 37.87				ed	24 57.13		
SLB	25.73	83	eP	21 32.75	2.8	ABL	36.97	314	eP	23 09.79	0.9			e	25 01.00		
NNA	25.78	156	(P)	21 29.75	-0.6	SBC	37.11	313	(P)	23 12.09	2.3			e	25 29.00		
DEG	25.89	77	eP	21 27.00	-4.4X			ec		23 20.87				e	26 08.10		
BLA	26.11	13	ePc	21 33.47	0.2			e		23 31.46				e	29 43.00		
	1.0s	108.70nm			5.4mb	HVU	37.28	328	eP	23 10.09	-1.2			e	30 02.30		
NAV	26.14	12	ePc	21 33.16	-0.4	TNP	37.41	320	eP	23 12.65	0.1			e	30 11.00		
FVM	26.28	354	eP	21 32.79	-2.0		1.4s	45.94nm			5.2mb	MDZ	47.76	159	eP	24 27.40	-9.1X
	1.0s	58.56nm			5.1mb	BCH	37.75	314	eP	23 16.56	1.3	TCA	48.07	154	e(P)	24 28.20	-10.8X
PCO	26.32	342	e(P)	21 46.50	11.3X	PTI	37.87	330	eP	23 16.44	0.2	ITB1	48.40	139	e(P)	24 41.00	-0.5
CCM	26.44	353	(P)	21 33.92	-2.3	SIV	37.88	136	P	23 16.00	-0.5	MRA	48.53	155	e(P)	24 41.70	-0.7
		ed		21 44.27		BONR	38.03	319	eP	23 18.68	0.8	ITB	48.62	139	e(P)	24 37.00	-6.2X
SLM	26.91	355	P	21 50.00	9.5X	HHA1	38.19	330	eP	23 17.76	-1.1	PPD	48.74	133	eP	24 38.30	-

02d 00h

VAO	52.49	131	eP	25	10.30	-2.5	1.7s	151.45nm	5.7mb	BRN	87.13	37	eP	28	49.00	4.9X		
ITR	52.73	111	eP	25	14.70	0.0	79.66	44 eP	28 12.60	6.5X	SQTA	87.21	42	iPd	28	53.70	8.9X	
LPA	54.13	150	eP+	25	27.00	2.5	1.0s	34.40nm	5.3mb		1.4s	21.30nm				5.2mb		
Z	21s	147.67um					EGRA	80.03	49 eP	28 15.00	6.8X		i		29	14.60		
		iSP	33	06.80			K8S	80.34	11 eP	28 10.80	1.6		i		30	06.90		
YKA	54.32	345	eP	25	22.80	-2.8	80.41	48 eP	28 11.80	1.5		i		30	18.50			
	0.7s	6.50nm					EPF	1.3s	42.25nm	5.2mb	BRNL	87.22	37	ePd	28	48.30	3.8X	
BMA	54.42	129	eP	25	25.60	-1.4	80.47	321 eP	28 10.12	-0.2		e		39	29.00			
SIT	58.16	331	P	26	00.00	6.8X	0.8s	135.94nm	6.0mb	CLL	87.30	38	eP	28	47.00	2.0		
Z	18s	151.91um					EROO	80.74	50 eP	28 25.00	13.0X		1.3s	19.00nm		5.2mb		
PDA	60.56	53	iPc	26	20.00	10.0X	EBR	80.81	50 eP	28 12.00	-0.3	Z	20s	88.00um		7.2Msz		
BALM	63.26	333	(P)	26	30.26	2.4		iS	38 36.00			e(S)		39	23.00			
KLU	65.02	333	(P)	26	36.34	-3.0X	LPO	80.81	46 eP	28 17.80	5.5X	UPP	87.31	29	iP	28	54.50	9.7X
TOA	65.37	334	eP	26	40.90	-0.7	1.5s	58.50nm	5.3mb			iPP		32	21.00			
PMR	66.49	333	(P)	26	48.75	0.2	80.85	45 eP	28 19.00	6.5X		iS		39	16.00			
	1.0s	42.76nm					LSF	1.3s	33.95nm	5.1mb	BRG	87.99	38	eP	28	52.00	3.7X	
Z	21s	211.68um					BER	81.21	30 eP	28 24.00	10.0X	Z	20s	138.00um		7.4Msz		
PMR	66.49	333	P	26	56.00	7.4X	LIC	81.26	85 P	28 14.30	-0.9	N	20s	12.00um				
SLKM	66.63	331	(P)	26	47.75	-1.9	1.0s	139.50nm	5.9mb		E	20s	136.50um					
MBC	66.73	352	eP	26	48.00	-2.0		e	29 34.00						29	02.20		
	1.0s	22.00nm					TCF	81.31	45 eP	28 21.10	6.1X		iS		39	34.00		
		pP	26	58.00	32kmX		UCC	1.2s	34.50nm	5.2mb	FIR	88.09	46	eP	29	02.50	13.6X	
PWA	66.84	333	e(P)	26	45.00	-5.9X		40 P+	28 26.00	7.3X	KHC	88.25	40	P	28	47.50	-2.1	
KDC	66.96	328	eP	27	01.00	9.3X		S	38 44.00			1.0s	3.50nm			4.6mb		
COL	67.12	336	(P)	26	51.45	-1.1	SSF	82.09	44 eP	28 25.60	6.7X		e		28	55.00		
		ic	27	00.88				1.5s	42.30nm	5.3mb		e		29	08.00			
		ec	27	05.52			LOR	82.29	43 eP	28 27.30	7.3X		e		29	27.50		
		ed	27	13.46				1.1s	29.80nm	5.2mb		e		30	12.50			
FBA	67.12	336	(P)	26	49.61	-3.0X	Z	21s	112.00um	7.2Msz		e		34	14.00			
	0.3s	3.71nm					DOU	82.34	41 P	28 20.10	0.0		e		39	28.00		
CPKM	67.80	332	(P)	26	53.72	-3.5X		ec	30 54.00		GEC2	88.40	40	ePd	28	48.00	-2.5	
MBO	68.38	79	eP	27	07.10	5.8X		S	38 52.00			0.9s	1.53nm			4.3mb X		
SVW	69.34	331	eP	27	03.36	-3.2X	SMF	82.38	44 eP	28 27.70	7.2X		e		28	55.20		
	0.6s	11.54nm						1.2s	24.10nm	5.1mb		e		29	00.70			
IMA	69.82	337	eP	27	07.75	-1.7	DBN	82.38	38 iP+	28 27.00	6.7X		e		29	04.70		
	1.1s	16.16nm					Z	20s	135.00um	7.3Msz		e		29	08.90			
TTA	69.96	333	eP	27	06.21	-4.1X		ePP	31 32.00			e		29	13.20			
	1.2s	23.73nm						ePPP	34 58.00			e		29	14.60			
SDN	70.85	325	(P)	27	16.78	1.1		eS	38 44.00			e		29	19.70			
	1.4s	476.87nm						eSS	43 40.00			e		29	25.80			
Z	20s	76.06um					ENN	83.06	40 eP	28 38.00	14.2X	FVI	88.41	43	P	29	04.00	13.6X
AKU	70.86	24	iP	27	23.10	7.5X		eSSS	47 52.00		PRU	88.61	39	eP	29	02.00	10.7X	
	1.4s	83.72nm						e	32 23.00			ePP		32	22.00			
Z	19s	152.78um						e	33 35.00			e		33	14.00			
ALE	71.52	3	(P)	27	12.95	-6.4X		e	33 35.00			e		33	48.00			
		ec	27	26.86			WTS	83.39	38 eP	28 28.00	2.5		SKS		39	16.00		
		ec	27	31.16				0.6s	10.00nm	5.1mb	CRE	88.61	46	P	29	09.00	17.4X	
		ed	27	39.77				e	28 49.00		KBA	88.65	42	iPc	28	56.70	4.9X	
VAL	72.89	39	P	27	40.00	12.1X		e	32 07.50			1.4s	30.70nm			5.4mb		
		S	37	11.00				e	32 34.00				i		29	06.70		
EZAM	73.83	49	eP	27	33.00	-0.6		e	33 37.50				i		29	17.90		
STS	73.92	49	eP	27	31.00	-3.1X	WLF	83.40	41 P	28 33.00	7.4X		i		29	35.70		
EMON	74.80	48	eP	27	41.00	1.7	KONO	83.45	30 ePc	28 32.95	7.3X		i		30	04.40		
ERUA	74.97	49	eP	27	54.60	14.3X		ed	28 46.05			i		37	37.90			
TIO	75.62	61	eP	27	45.00	0.6	BNS	83.81	39 ePc	28 26.30	-1.4	KMR	88.90	41	eP	28	53.00	0.3
		i	27	46.00			Z	18s	209.00um	7.5Msz			i		29	00.00		
		i	28	06.00				ePP	32 43.00		ASS	89.26	46	P	29	06.00	11.4X	
EPLA	75.89	51	eP	28	02.20	16.6X		eS	39 43.00		VOY	89.31	43	e(P)	29	05.00	10.2X	
EJIF	76.63	55	eP	28	02.00	12.3X	LPL	84.56	45 eP	28 39.50	7.6X	TRI	89.31	43	eP	29	00.00	5.3X
EHOR	76.69	54	eP	27	51.90	1.8		1.1s	14.90nm	5.0mb			ePP		32	24.00		
ESK	77.11	36	(P)	27	48.55	-3.4X	BNi	84.61	45 P	28 49.00	17.0X		eS		39	44.00		
		e	27	57.66			DOI	85.11	46 P	28 49.00	14.5X		eSS		45	52.00		
		e	28	10.40			HFS	85.34	30 eP	28 39.10	3.9X		eSSS		49	18.00		
		e	28	15.37				0.5s	1.50nm	4.4mb		iLR		58	12.00			
EKA	77.13	36	P	27	56.00	3.9X	ORO	85.39	45 P	28 47.10	11.2X	KSP	89.43	38	eP	28	57.00	1.8
	1.0s	12.30nm					COP	85.84	34 iP+	28 48.00	10.3X		e		29	19.40		
MAL	77.45	55	iPd	28	04.20	9.9X	Z	20s	43.97um	6.9Msz			e		32	30.00		
		iS	38	00.00				i	32 13.00		LJU	89.73	43	eP	28	54.00	-2.7	
TOL	77.46	52	iP+	27	54.10	-0.2		iS	39 16.00				e(P)		29	00.00	19kmX	
		iPP	31	07.00			CKI	85.85	46 P	28 52.00	13.9X		eS		39	25.00		
		iS	38	00.00			SMY	85.88	323 P	28 50.00	12.0X		eS		40	14.00		
TOL	77.46	52	(P)	27	48.31	-6.0X	Z	22s	93.53um	7.1Msz	VKA	90.23	40	e(P)	29	02.00	3.0X	
		ic	28	01.39			BOB	86.59	45 P	28 59.80	18.0X	Z	22s	80.40um		7.1Msz		
		iPP	31	07.00			GRFO	86.61	40 ePc	28 48.80	7.1X		LR		04	50.00		
		iS	38	00.00			GRF	86.61	40 eP	28 39.40	-2.3	NUR	90.33	27	eP	29	05.00	5.9X
ECOG	78.07	54	eP	28	11.70	13.9X		e(S)	39 27.30			1.1s	22.10nm			5.4mb		
RAR	78.28	245	P	28	08.00	9.0X	MOX	86.63	39 eP	28 43.70	2.0	KAF	90.36	26	iP	29	04.80	5.6X
		S	38	12.00				1.5s	19.00nm	5.1mb		0.9s	9.70nm			5.1mb		
ECRI	78.37	49	eP	28	04.20	4.9X	Z	19s	110.00um	7.3Msz	ZST	90.75	40	eP	29	00.70	-0.6	
EVIA	78.77	53	eP	28	12.00	10.4X		N	20s	48.00um			e		29	19.40		
EHUE	78.79	54	eP	28	04.20	2.5		E	20s	66.00um			e		32	49.40		
ETOR	78.89	50	eP	28	03.00	0.8		eS	39 25.00		RAC							

WAR	91.74 Z 24s	36 P- 12.00um	29 12.00 33 00.00 e 38 00.00 (S) 39 10.00 e 39 48.00 e 41 15.00	6.3X 6.3MszX
SPC	92.38	39 eP e 44 41.50	29 19.80 44 41.50	10.7X
PSZ	92.61	40 e(P) (P)	29 17.30 29 20.00	7.3X 7.7X
PUL	93.19	27 (S) eP	40 20.00 29 22.00	
TIK	93.37	349 eP	29 22.00	9.1X
UZH	93.85	39 eP	29 22.00	6.5X
TIM	94.25	42 iPd	29 30.00	12.6X
PET	94.57	326 eP eS	29 25.00 40 38.00	6.2X
OHR	95.62	46 eP	29 10.50	-13.5X
SKO	95.76	45 eP i i iPP iPPP iSKS i	29 26.00 29 33.00 30 36.00 33 27.00 35 35.00 40 12.00 42 00.00	1.5
KZN	96.60	47 eP	29 46.00	17.5X
MLR	97.39	41 ePc	29 40.50	8.5X
OBN	98.56	29 (P) Z 20s	29 42.00 132.00um	5.2X 7.4Msz
ATH	98.87	48 iPc ePP eSKS	29 48.40 33 54.00 40 26.00	9.8X
YAK	100.97 Z 24s	343 ePd iff 115.60um	30 00.00 ePP 33 21.00 ePPP 35 31.00 eS 40 32.00 iPS 41 23.00	12.5X 7.3MszX
SIM	102.74	38 ePd iff eSKS	30 04.00 40 44.00	8.2X
YSS	106.43	327 (Pd iff) ec	30 08.44 30 22.25	-3.7X
HLW	107.95	53 ePd iff e eSKS eS	30 25.20 34 56.00 41 14.50 41 46.00	5.9X
KIV	108.36	36 (Pd iff) e i	30 11.64 30 30.18	-9.4X
ERM	109.23	322 iPd iff	30 36.86	12.1X
POF	110.65	117 ePKP	34 52.00	20.2X
SUR	111.46	120 ePKP Z 22s	34 42.70 53.70um	9.2X 7.1Msz
TAB	114.18	39 e(Pd iff) e e i	31 00.00 35 18.00 35 46.00 45 45.00	12.9X
MDJ	114.68 Z 34s N 16s E 17s	332 Pd iff 87.40um 24.70um 35.50um	30 58.00	9.1X 7.1MszX
MDJ	114.68	332 ePd iff	31 04.33	15.4X
IRK	115.46 Z 21s N 22s E 24s	352 ePd iff 59.90um 43.68um 24.68um	31 02.00	9.7X 7.2Msz
		ePP e eSKS e ePS ePPS eSS eSSS LR	35 36.00 38 19.00 41 35.00 42 55.00 45 46.00 46 57.00 51 49.00 56 38.00 16 32.00	
MAJO	115.62	320 ePd iff	31 08.02	14.6X
LWI	116.04	87 iPd iff	31 06.00	10.0X
BLF	116.10 1.0s	117 ePKP 40.00nm	34 43.50	1.0
CN2	117.17	334 Pd iff	31 06.00	6.0X
PRY	117.26	114 ePKP 1.0s	34 49.50 15.00nm	4.8X
SEK	117.38	116 iPKPc 1.0s	34 56.00 15.00nm	11.1X
SLR	117.99 1.3s	113 iPKPc 61.54nm	34 51.00	4.9X
BUL	Z 20s 118.16	20s 66.67um 107 ePKP Z 18s 30.93um N 17s 20.41um E 15s 10.00um	34 52.00 5.4X 7.0Msz	
BFT	119.58	113 ePKP 0.6s	35 00.50 20.00nm	11.3X
SNY	119.58 Z 24s N 19s E 18s	334 Pd iff 81.10um 48.70um 41.20um	31 22.00 11.2X 7.3MszX	
MAW	120.83 0.8s	167 e(PKP) 11.00nm	34 59.00 9.0X	
Z 16s	29.00um		7.0MszX	
RIV	122.55	237 ePP ePKP ePP eSKS eSKKS eSP eSS	39 57.00 35 09.00 36 44.00 42 11.00 43 47.00 46 45.00 53 25.00	14.7X
AAE	122.58	71 Pd iff	31 40.00	14.8X
DL2	122.82	333 ePKP Z 28s 98.60um E 18s 59.60um	35 00.00 7.3MszX	
MAIO	122.89	32 ePKP SKS	34 56.00 42 07.00	0.9
FRU	123.23	16 ePKP eSKS	35 00.00 42 20.00	4.5X
NAI	123.64	84 Pd iff PKS SKS ScSP' RSKS	31 44.00 35 16.00 38 40.00 47 00.00 54 20.00	14.2X
CNB	123.78	235 ePKP i	35 13.00 35 23.90	16.1X
BJI	124.05	338 PKP N 20s 72.60um	35 03.00 ePP 36 48.00	5.9X
CAN	124.07	235 eSKS ePKP	42 14.00 35 14.50	17.1X
WMQ	124.52	4 Pd iff PKP	31 40.00 34 57.50	7.1X -0.5
WMQ	124.52	4 PKP Z 36s 221.00um N 24s 228.00um	34 57.50 7.6MszX	
HHC	124.83	343 ePP Z 32s 159.00um N 20s 84.70um E 19s 23.20um	34 58.80 7.5MszX	
BTO	125.50	344 ePKP	35 05.60	5.5X
TOO	126.36	232 e(PKP) i	35 06.00 35 19.00	4.2X

02d 00h

SHL 142.91 1 ePKP 35 32.50 -0.6
 TNE 143.37 288 ePKP 35 31.60 -2.4X
 BOM 143.81 33 ePKP 35 38.00 3.5X
 KNA 144.73 259 ePKP 35 32.50 -3.7X
 QIZ 145.05 331 (PKP) 35 35.74 -0.9
 N 25s 38.40um
 E 28s 79.70um

MNI 145.45 290 ePKP 35 43.50 6.0X
 PPR 146.41 308 iPKPd 35 43.00 3.9X
 RKG 148.26 220 ePKP 35 51.00 9.5X
 CHG 149.01 348 ePKP 35 44.50 1.4
 TSM 150.29 301 ePKP 35 48.00 2.8X
 BDT 150.53 348 ePKP 35 46.00 0.6
 1.0s 248.40nm
 GBA 150.64 31 PKP 35 50.00 4.4X
 KKM 150.65 306 ePKPc 35 52.00 6.1X
 MEEK 151.44 235 ePKP 35 56.00 9.4X
 NST 151.78 345 ePKP 35 54.50 7.2X
 KHT 153.00 347 ePKP 35 56.20 7.1X
 IPM 161.78 332 ePKPd 36 15.10 15.4X
 e 41 10.40
 KGM 162.71 322 ePKP 36 10.00 9.4X
 S.D. = 1.3 on 212 of 407 obs.

* SEP 02, 1992 00h 18m 15.61±1.86s
 38.991 N ±17.2km 31.461 E ±11.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

ALT 1.05 274 ePn 18 36.30 0.7
 BBTk 1.32 49 ePg 18 39.00 -1.0
 eSg 18 58.00
 i 30 24.00
 GYN 1.47 338 eP 18 43.70 1.4
 eS 19 02.50
 SGKT 1.65 16 iP 18 44.50 -0.4
 eS 19 10.80
 KHL 1.66 247 ePn 18 45.00 0.1
 EYL 1.87 328 ePn 18 46.00 -2.0
 DVL 2.21 11 eP 18 55.50 2.6
 YLV 2.25 315 ePn 18 52.00 -1.5
 DST 2.28 286 ePn 18 54.00 0.0
 KCT 2.71 299 ePn 19 00.00 0.0
 S.D. = 1.5 on 10 of 10 obs.

SEP 02, 1992 00h 21m 05.54±0.28s
 11.175 N ±5.3km 87.440 W ±4.1km
 DEPTH = 10.0km (geophysicist)
 5.5mb (33 obs.)

NEAR COAST OF NICARAGUA (74)

SDV 16.71 96 iP 25 07.10 5.5X
 TOV 17.41 93 i(P) 25 12.70 2.4
 MORO 18.78 89 iP 25 27.50 0.2
 HBF 22.61 16 eP 26 08.79 1.1
 SGS 22.82 15 eP 26 11.01 1.2
 PRM 23.27 11 eP 26 15.01 0.8
 JSC 23.68 13 eP 26 19.12 0.9
 LHS 23.97 14 eP 26 21.89 0.9
 MGH 25.08 74 eP 26 32.00 0.1
 LST 25.32 356 (P) 26 36.13 2.2
 BPA 25.47 74 eP 26 35.00 -0.6
 PAG 25.49 76 eP 26 36.00 0.2
 CEH 25.74 16 eP 26 39.45 1.5
 0.6s 597.96nm 6.5mb
 MGG 25.82 77 eP 26 39.00 0.2
 ELC 26.05 357 eP 26 40.55 -0.2
 DEG 26.12 76 eP 26 40.00 -1.7
 BLA 26.68 13 eP 26 47.72 1.0
 0.8s 97.27nm 5.5mb
 NAV 26.71 12 eP 26 47.88 1.0
 MCWV 29.16 12 eP 27 09.49 0.5
 0.7s 144.54nm 5.9mb
 LVNJ 31.56 19 eP 27 29.50 -0.8
 PNJ 31.85 19 iP 27 32.30 -0.5
 TBR 32.04 19 eP 27 34.47 0.0
 GLA 33.25 315 eP 27 45.73 0.5
 SRU 34.58 327 (P) 27 57.54 0.7
 PLM 34.84 314 eP 27 59.82 0.7
 RSNY 35.06 16 eP 28 00.32 -0.4
 0.9s 113.72nm 5.7mb
 EMUT 35.25 328 (P) 28 03.28 0.6
 PEC 35.34 315 eP 28 03.95 0.7

RSSD 1.3s 56.50nm 5.3mb
 35.82 339 eP 28 06.71 -0.7
 SSK 35.88 315 eP 28 07.88 -0.1
 DAU 35.92 328 (P) 28 08.02 -0.4
 EEO 36.05 10 eP 28 10.00 0.9
 BNH 36.09 20 eP 28 08.46 -1.0
 TPNV 36.48 320 eP 28 13.65 0.7
 1.1s 100.21nm 5.6mb

ISA 37.21 316 eP 28 20.13 1.1
 ABL 37.29 314 eP 28 20.59 0.7
 HVU 37.71 328 eP 28 22.87 -0.3
 TNP 37.78 320 eP 28 24.85 0.9
 1.3s 96.13nm 5.4mb
 BCH 38.07 314 eP 28 27.46 1.2
 PTI 38.30 330 eP 28 28.14 -0.1
 BONR 38.39 319 eP 28 30.25 1.1
 ANT 38.46 154 iPd 28 31.00 1.5
 PKEM 38.54 315 eP 28 30.91 0.8
 PHAM 38.62 315 eP 28 32.19 1.4
 KVN 38.91 321 eP 28 34.22 0.8
 CBM 39.21 21 eP 28 36.04 0.5
 ULM 39.58 351 eP 28 37.00 -1.5
 LMN 39.58 25 eP 28 39.50 0.8
 ARN 40.19 316 eP 28 44.79 0.9
 LRM 40.58 333 eP 28 47.10 -0.1
 ePcP 30 55.00

ORV 41.36 319 eP 28 54.61 1.3
 LBFM 42.61 321 eP 29 04.52 0.6
 JAQ 43.54 10 eP 29 09.00 -2.0
 FHC 43.63 319 eP 29 13.51 1.6
 1.1s 354.44nm 6.1mb
 DPW 44.76 331 eP 29 21.96 0.9
 BMW 46.43 326 (P) 29 32.91 -1.4
 GMW 46.85 328 eP 29 35.80 -1.8
 BAO 47.27 124 Pc 29 41.90 0.5
 e 29 46.00
 e 29 52.50
 e 30 33.70
 e 30 36.50

MCW 47.59 329 eP 29 42.04 -1.4
 FCC 47.76 355 eP 29 43.00 -1.4
 PGC 47.89 328 eP 29 46.50 0.8
 BALM 63.72 334 eP 31 37.85 -1.7
 RUV 64.89 247 iP 31 47.40 -0.3
 1.2s 95.00nm 5.9mb
 TPT 65.03 248 iP 31 48.60 0.0
 1.2s 75.00nm 5.8mb

VAH 65.13 247 iP 31 48.80 -0.4
 1.2s 70.00nm 5.7mb
 PMO 65.29 248 iP 31 50.00 -0.3
 1.2s 60.00nm 5.7mb

KLU 65.48 333 eP 31 48.88 -2.0
 PMR 66.94 333 eP 31 58.70 -1.4
 1.1s 60.31nm 5.7mb
 SLKM 67.08 331 ePd 31 59.97 -1.1
 MBC 67.28 352 ePc 32 00.30 -1.7
 0.9s 98.00nm 6.0mb

KDC 67.39 328 eP 32 02.08 -0.9
 1.0s 23.13nm 5.3mb
 REF 68.25 331 eP 32 07.17 -1.5
 CPKM 68.25 332 eP 32 06.55 -2.1
 SVW 69.79 331 eP 32 15.82 -2.1

1.3s 182.32nm 6.1mb
 DCN 75.25 38 eP 32 49.20 -1.1
 DMU 75.48 37 eP 32 51.60 0.0
 DLF 75.70 38 eP 32 50.30 -2.5
 AIA 78.16 170 eP 33 06.50 0.3
 LPF 79.39 43 eP 33 12.90 -0.5

1.0s 27.20nm 5.2mb
 GRR 79.48 43 eP 33 13.50 -0.4
 0.8s 25.00nm 5.3mb
 FLN 79.70 42 eP 33 14.70 -0.3
 1.2s 55.95nm 5.4mb

LDF 79.95 42 eP 33 16.10 -0.3
 0.9s 21.95nm 5.1mb
 MFF 80.13 44 eP 33 17.10 -0.3
 0.8s 22.70nm 5.2mb

ADK 80.84 321 eP 33 20.83 -0.2
 1.0s 231.88nm 6.2mb
 EPF 80.86 48 eP 33 21.70 0.2
 1.4s 5.75nm 4.4mb X
 LFF 80.93 46 eP 33 21.70 0.0
 1.0s 32.40nm 5.3mb

LPO 81.27 46 eP 33 23.40 -0.1
 0.9s 22.60nm 5.2mb
 TIC 81.33 85 P 33 24.56 0.2
 1.1s 65.50nm 5.6mb

LIC 81.40 85 P 33 25.02 0.3
 1.3s 130.50nm 5.8mb
 RJF 81.43 46 eP 33 24.20 -0.1
 1.4s 64.05nm 5.5mb
 KIC 81.65 85 P 33 26.32 0.3
 CAF 81.86 46 eP 33 26.50 -0.1
 1.4s 33.05nm 5.2mb

HAU 84.31 42 eP 33 37.90 -1.2
 1.3s 36.10nm 5.4mb
 BSF 84.64 42 eP 33 40.40 -0.4
 1.0s 18.40nm 5.3mb
 LPL 85.03 45 eP 33 42.50 -0.5
 0.9s 10.00nm 5.0mb

MOX 87.13 39 iP 33 54.30 1.3
 2.2s 142.00nm 5.8mb
 GEC2 88.90 40 eP 34 02.60 1.0
 1.0s 3.85nm 4.6mb

e 34 05.40
 e 34 08.90
 e 34 13.70
 BJI 124.53 338 ePKP 40 06.50 -0.5
 TOO 125.94 232 iPKPc 40 10.00 0.1
 i 40 23.00

STK 130.43 238 iPKPc 40 18.80 0.2
 QIS 133.93 252 ePKP 40 35.60 10.0X
 0.5s 12.00nm
 ASPA 138.80 247 ePKP 40 29.20 -5.5X
 WB2 138.90 252 ePKP 40 34.00 -0.9

1.0s 20.50nm
 BIP 141.34 298 ePKP 40 30.00 -9.4X
 PPR 146.68 308 ePKPd 40 49.00 0.5
 1.0s 152.00nm

COOL 147.05 229 ePKP 40 50.00 1.3
 HYB 148.40 26 ePKP 40 50.70 -0.5
 GBA 151.17 32 PKP 41 01.00 5.6X
 S.D. = 1.0 on 103 of 108 obs.

* SEP 02, 1992 00h 28m 17.95±0.95s
 10.794 N ±14.4km 87.219 W ±10.9km
 DEPTH = 10.0km (geophysicist)
 5.2mb (9 obs.)

OFF COAST OF COSTA RICA (77)

TPX 6.39 310 (P) 29 47.00 -7.5X
 IIT 13.47 309 (P) 31 29.00 -3.0X
 PPM 13.75 308 (P) 31 33.65 -2.2
 III 14.04 304 (P) 31 52.25 12.8X
 MRX 16.12 305 (P) 32 03.72 -2.6
 COLM 17.95 300 (P) 32 32.00 2.5X

CGX 17.99 301 (P) 32 42.50 12.4X
 HBF 22.92 15 eP 33 24.49 1.4
 JSC 24.00 12 eP 33 33.06 -0.6
 LHS 24.29 13 eP 33 36.47 0.0
 i 33 39.07

GBTN 24.91 6 eP 33 41.89 -0.6
 i 33 46.86
 TKL 24.95 7 eP 33 41.84 -1.0
 BLA 27.01 12 eP 34 03.14 1.1
 1.0s 79.71nm 5.4mb

NAV 27.03 11 eP 34 03.12 0.8
 CBN 28.69 16 eP 34 18.00 0.8
 LVNJ 31.85 18 eP 34 44.44 -0.9
 TBR 32.32 19 eP 34 49.66 0.2
 RSNY 35.37 16 eP 35 15.19 -0.5

0.9s 64.24nm 5.5mb
 BNH 36.38 19 (P) 35 23.55 -0.7
 EEO 36.39 9 eP 35 25.50 1.2
 PTI 38.74 330 (P) 35 45.40 1.1

LMN 39.83 25 eP 35 53.50 0.3
 ULM 39.98 351 eP 35 52.00 -2.3
 ARN 40.61 316 (P) 36 00.61 0.9
 JAQ 43.87 10 eP 36 25.00 -1.1
 DPW 45.19 331 (P) 36 37.34 0.4

BDF 46.97 123 e(P) 36 50.00 -1.4
 e 36 55.00
 e 37 06.00
 e 37 12.00

GMW 47.29 328 (P) 36 53.35 -0.1
 SLKM 67.52 331 (P) 39 16.19 -0.1
 MBC 67.68 352 eP 39 17.00 0.0
 1.0s 18.00nm 5.2mb

KDC 67.82 328 (P) 39 20.41 2.3
 0.7s 8.96nm 5.1mb
 FBA 68.03 336 (P) 39 20.59 1.2
 1.4s 26.17nm 5.2mb
 SVW 70.23 331 (P) 39 35.24 2.3
 0.8s 11.11nm 5.0mb

EKA	77.83	36 P	40 14.00	-3.1X	MBC	66.44	352 eP	41 50.00	-1.2	4.9mb (7 obs.)		
	1.1s	14.30nm		5.0mb		1.0s	42.00nm		5.6mb	NEAR COAST OF NICARAGUA	(74)	
TOL	77.95	51 eP	40 16.50	-1.6	FBA	66.68	336 eP	41 50.95	-2.0			
ADK	81.27	321 (P)	40 38.04	2.3		1.0s	8.74nm		4.9mb	TPX	6.14	304 (P)
	1.0s	115.63nm		5.9mb	CRP	67.30	332 eP	41 55.11	-2.0	IISM	12.47	308 (P)
CLL	87.97	38 iP	41 08.40	-1.0	TVO	67.36	245 iP	42 00.80	2.8	IIT	13.22	306 (P)
	1.3s	17.00nm		5.2mb		0.9s	55.00nm		5.7mb	PPM	13.50	305 (P)
		e	41 34.00		PPN	67.43	245 iP	41 58.20	-0.2	ACX	13.55	295 (P)
KHC	88.89	40 eP	41 08.00	-5.9X		0.9s	30.00nm		5.5mb	IJA	13.57	306 (P)
BJI	124.97	338 ePKP	47 24.00	3.8X	PAE	67.61	245 iP	41 59.50	0.0	III	13.84	301 (P)
SSE	130.22	328 PKPc	47 35.50	4.9X		0.9s	45.00nm		5.7mb	MRX	15.90	303 (P)
STK	130.41	237 ePKP	47 39.60	8.6X	EKA	77.30	36 P	42 54.00	-2.2	HBF	22.21	15 (P)
NJ2	130.63	331 PKPd	47 35.00	3.6X		1.3s	36.10nm		5.3mb		i	51 09.04
WB2	138.99	252 ePKP	47 48.10	0.6	TOL	77.78	52 eP	42 58.50	-0.7	SGS	22.42	14 (P)
	1.6s	6.60nm			SMY	85.36	323 (P)	43 37.05	-1.5	PRM	22.90	10 eP
						0.3s	45.03nm		6.2mb	PWLA	23.41	358 eP
GYA	140.59	340 PKP	47 54.80	4.4X	HFS	85.44	29 eP	43 37.60	-1.3	GBTN	24.21	6 eP
HYB	148.64	27 ePKP	48 07.00	3.0X		0.6s	1.20nm		4.3mb X	TKL	24.25	6 eP
MUN	149.80	222 ePKP	48 13.00	7.6X	GRF	86.82	40 ePc	43 45.40	-0.6	OLY	24.25	351 eP
TSM	150.87	300 ePKP	48 15.00	7.5X		1.5s	39.00nm		5.4mb	LST	25.05	355 (P)
GBA	151.38	32 PKP	48 16.00	7.9X	MOX	86.82	39 eP	43 43.70	-2.3	ELC	25.77	356 eP
NST	152.71	344 ePKP	48 20.00	9.9X		2.3s	82.00nm		5.5mb		(PcP)	54 28.18
	S.D. = 1.4	on 32 of 49 obs.			CLL	87.49	38 iP	43 48.00	-1.1	FVM	26.57	354 eP
						1.5s	24.00nm		5.3mb		0.6s	13.91nm
	SEP 02, 1992 00h 31m 00.00±0.44s				BRG	88.18	38 eP	43 51.60	-0.9	ALQ	29.29	326 (P)
	11.960 N ± 7.4km	87.931 W ± 8.0km				2.0s	44.00nm		5.4mb		1.2s	18.17nm
	DEPTH = 10.0km (geophysicist)						e	44 52.20		LVNJ	31.15	18 eP
	5.5mb (23 obs.)				KHC	88.45	40 eP	43 53.00	-0.9	SRU	34.55	327 eP
NEAR COAST OF NICARAGUA	(74)					1.1s	7.50nm		4.9mb		(PcP)	55 47.10
							e	47 27.50		RSNY	34.66	16 eP
TPM	12.80	304 (P)	34 09.00	4.0X	GEC2	88.61	40 ePc	43 53.60	-1.1		1.1s	62.64nm
COLM	16.79	297 (P)	34 58.00	1.1		1.4s	9.03nm		4.9mb		ePcP	55 48.37
CGX	16.80	299 (P)	34 59.50	2.3			e	44 04.00		ARUT	35.30	322 (P)
MZX	20.85	305 (P)	35 48.50	3.9X	ZST	90.96	40 eP	44 05.30	-0.3	RSSD	35.68	339 eP
HBF	22.00	17 ePd	35 58.55	2.5			e	50 00.00	0.3		0.6s	8.74nm
PRM	22.60	12 eP	36 04.13	2.0	BJI	123.6						

02d 00h

TPNV 2.62 4 eP 49 25.07 -0.8
 BCH 3.10 287 eP 49 31.56 -1.1
 BONR 3.92 338 (Pn) 49 44.95 0.5
 ARUT 4.23 34 eP 49 47.58 -1.2
 ORV 6.60 324 (P) 50 24.83 2.8
 11 obs. associated

? SEP 02, 1992 00h 50m 29.35± 2.80s
 11.721 N ± 29.8km 88.558 W ± 63.4km
 DEPTH = 10.0km (geophysicist)
 4.6mb (2 obs.)

OFF COAST OF CENTRAL AMERICA (76)

EEO 35.72 11 eP 57 29.50 -0.6
 ULM 38.88 353 eP 57 57.00 0.4
 LMN 39.56 26 eP 58 01.50 -0.8
 JAO 43.20 11 eP 58 29.00 -3.1X
 PPD 49.60 132 eP 59 21.80 -1.3
 MBC 66.59 352 eP 01 36.50 15.0X
 0.9s 13.00nm
 EKA 77.85 36 Pd 02 35.30 6.7X
 1.0s 11.40nm 4.9mb
 LIC 82.45 85 P 02 55.00 1.0
 KIC 82.70 85 P 02 56.50 1.2
 GEC2 89.19 40 eP 03 33.30 6.5X
 0.8s 1.27nm 4.3mb
 e 03 39.00
 STK 129.79 238 ePKP 09 59.70 18.5X
 2.1s 2.00nm
 ASPA 137.99 248 ePKP 10 10.60 13.5X
 0.9s 6.90nm
 PPR 145.48 307 ePKPd 10 30.00 19.7X
 HYB 148.37 24 ePKP 10 25.20 10.2X
 GBA 151.26 29 PKP 10 26.00 6.6X
 NST 151.46 342 ePKP 10 40.50 20.9X
 TRT 158.74 279 ePKP 10 32.39 3.0X
 S.D. = 1.3 on 6 of 17 obs.

SEP 02, 1992 00h 53m 10.58± 0.38s
 39.998 N ± 4.2km 20.639 E ± 3.3km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 ML 2.8 (TIR). MD 2.5 (THE).

LSK 0.15 349 iPg 53 13.40 -0.8
 SRN 0.50 257 iPg 53 21.30 0.5
 IGT 0.52 207 ePg 53 20.08 -1.1
 TPE 0.57 302 ePg 53 22.00 -0.1
 KEK 0.71 247 eP 53 25.00 0.5
 eS 53 37.10
 BERA 0.88 323 ePg 53 29.80 2.4X
 KZN 0.92 70 iPg 53 27.50 -0.7
 eS 53 43.50
 FNA 0.97 35 ePg 53 28.44 -0.5
 VLO 0.99 299 ePn 53 32.40 3.0X
 OHR 1.12 6 ePn 53 31.50 -0.1
 LIT 1.42 85 ePb 53 36.84 0.3
 eSb 53 57.12
 TIR 1.47 337 ePn 53 40.80 3.7X
 AGG 1.63 126 ePb 53 40.12 0.7
 eSb 54 03.20
 GRG 1.65 54 ePb 53 40.50 0.8
 eSb 54 01.60
 THE 1.89 70 ePn 53 43.52 0.4
 SKO 2.06 17 e(Pn) 53 46.60 0.9
 i 53 50.40
 SOH 2.23 67 ePn 53 48.24 0.1
 PAIG 2.34 91 ePn 53 49.28 -0.4
 OUR 2.58 81 ePn 53 52.64 -0.5
 S.D. = 0.7 on 16 of 19 obs.

& SEP 02, 1992 00h 56m 28.05s
 34.415 N 120.043 W
 DEPTH = 4.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

BCH 0.77 357 ePd 56 42.10 -1.3
 ABL 0.81 57 eP 56 43.00 -1.2
 eS 56 54.14
 PHAM 1.45 348 eP 56 51.67 -3.4
 3 obs. associated

SEP 02, 1992 00h 57m 35.16± 0.27s

11.450 N ± 5.4km 87.797 W ± 4.4km
 DEPTH = 19.0km (4 depth phases)
 5.2mb (34 obs.)
 NEAR COAST OF NICARAGUA (74)

SJS 3.97 112 ePn 58 41.30 4.7X
 eSg 59 35.13
 LCR2 4.10 114 eP 58 41.31 2.8
 OCR 4.10 119 eP 58 40.23 1.9
 ICR 4.16 110 ePn 58 43.42 3.8X
 ACR 5.34 121 ePn 58 58.29 2.4
 SCX 7.04 319 (P) 59 22.20 2.3
 PBJ 8.89 305 (P) 59 42.00 -3.7X
 IISM 11.90 310 (P) 00 24.30 -2.5
 III 13.21 303 (P) 00 45.00 0.4
 SDV 17.08 97 eP 01 37.60 2.7
 COLM 17.14 299 (P) 01 35.00 -0.5
 TOV 17.77 94 eP 01 47.40 4.0X
 HBF 22.44 17 eP 02 35.66 1.3
 SGS 22.65 16 eP 02 37.89 1.4
 PRM 23.07 12 eP 02 41.34 0.7
 UYO 23.42 346 iPg 02 44.00 0.0
 PWLA 23.42 359 eP 02 43.74 -0.3
 JSC 23.50 14 eP 02 45.71 1.0
 LHS 23.79 14 eP 02 47.73 0.1
 OLY 24.18 353 eP 02 50.75 -0.6
 GBTN 24.33 7 eP 02 52.72 -0.1
 LST 25.02 356 eP 03 01.22 1.7
 FNO 25.26 341 iPg 03 05.00 3.3X
 MGH 25.35 75 eP 03 04.00 1.3
 OCO 25.52 341 iPg 03 00.20 -4.0X
 BPA 25.74 75 eP 03 05.00 -1.4
 ELC 25.76 357 eP 03 04.96 -1.4
 PAG 25.76 77 eP 03 06.00 -0.7
 DEG 26.39 76 eP 03 10.00 -2.5
 PCO 26.46 343 iPg 03 14.70 1.8
 BLA 26.49 13 eP 03 13.58 0.3
 0.8s 31.61nm 5.0mb
 FVM 26.53 355 (P) 03 12.96 -0.5
 0.6s 17.57nm 4.9mb
 ACO 27.14 340 iPg 03 18.40 -0.8
 CBN 28.23 18 eP 03 29.00 0.1
 ALQ 28.89 327 eP 03 35.94 0.7
 0.8s 9.72nm 4.6mb
 LVNJ 31.42 19 eP 03 57.52 0.2
 TBR 31.89 20 eP 04 01.20 -0.3
 ZOBO 33.73 144 (P) 04 24.00 5.5X
 EMUT 34.84 328 eP 04 27.27 -0.1
 ARUT 34.86 323 eP 04 28.28 0.8
 PEC 34.90 315 eP 04 28.70 1.0
 1.5s 55.08nm 5.2mb
 RSNY 34.90 17 eP 04 26.69 -0.9
 0.9s 87.55nm 5.7mb
 ePn 04 37.98 41kmX
 RSSD 35.44 340 eP 04 31.76 -0.7
 0.7s 34.75nm 5.4mb
 ePcP 07 01.29
 SSK 35.44 315 eP 04 33.65 1.1
 CCH 35.75 143 eP 04 35.00 -0.5
 EEO 35.84 10 ePc 04 36.00 0.4
 BNH 35.96 20 eP 04 36.82 0.3
 TPNV 36.04 320 eP 04 38.26 0.7
 0.9s 48.87nm 5.4mb
 ePcP 07 05.41
 DUG 36.17 327 eP 04 38.96 0.4
 1.0s 8.82nm 4.6mb
 ISA 36.77 316 eP 04 45.11 1.5
 1.0s 37.25nm 5.2mb
 TNP 37.34 320 eP 04 49.50 0.9
 0.8s 41.79nm 5.3mb
 PTI 37.89 330 (P) 04 52.92 -0.1
 BONR 37.95 319 eP 04 54.99 1.2
 ePcP 07 10.39
 PKEM 38.10 315 eP 04 56.16 1.5
 PHAM 38.18 315 eP 04 57.03 1.6
 HHAI 38.22 331 eP 04 55.68 0.0
 ePcP 07 11.53
 KVN 38.48 321 eP 04 59.51 1.4
 ULM 39.25 352 eP 05 04.00 -0.1
 LMN 39.48 25 eP 05 07.50 1.4
 ARN 39.75 316 eP 05 09.20 0.7
 ePcP 07 16.02
 GCC 39.90 315 eP 05 09.84 0.2
 LRM 40.18 333 ePd 05 11.40 -0.8
 ePcP 07 18.00
 PCC 40.41 316 eP 05 13.98 0.2
 BKS 40.50 316 eP 05 16.32 1.7

ZSP 40.55 317 eP 05 16.19 1.2
 ORV 40.92 319 ePc 05 19.83 1.8
 MIN 41.43 320 eP 05 23.23 0.8
 LBFM 42.18 321 eP 05 28.38 -0.2
 ePcP 07 23.42
 FOX 43.05 319 eP 05 36.91 1.5
 FHC 43.19 319 eP 05 38.23 1.5
 EKR 43.24 319 eP 05 38.30 1.4
 JAO 43.33 10 ePc 05 35.60 -1.9
 VGB 44.07 327 eP 05 45.21 1.5
 SHW 45.29 326 eP 05 54.40 0.8
 RMW 45.87 328 eP 05 57.15 -1.0
 ePcP 07 35.17
 BMW 46.00 326 eP 05 58.86 -0.3
 ePcP 07 36.49
 GMW 46.43 328 eP 06 00.88 -1.6
 ePcP 07 37.38
 MCW 47.18 329 eP 06 07.82 -0.6
 ePcP 07 40.67
 FCC 47.45 356 ePd 06 10.60 0.3
 PGC 47.48 328 eP 06 09.50 -1.2
 BAO 47.72 124 Pc 06 12.00 -1.2
 e 06 17.50 18km
 e 06 29.80
 e 06 32.50
 e 06 47.90
 PPD 48.87 133 eP 06 15.90 -6.0X
 e 06 20.50 15km
 VAO 52.63 131 (P) 06 56.00 5.4X
 ITR 53.05 110 eP 06 51.90 -1.8
 YKA 54.48 345 eP 07 02.00 -1.6
 0.9s 23.60nm 5.2mb
 BALM 63.32 334 eP 08 04.51 -0.6
 RUV 64.67 247 iPg 08 13.40 -1.1
 1.2s 95.00nm 5.8mb
 TPT 64.81 247 iPg 08 15.50 0.1
 1.2s 70.00nm 5.7mb
 KLU 65.08 333 eP 08 15.81 -0.7
 PMR 66.54 333 eP 08 25.24 -0.5
 1.7s 122.30nm 5.8mb
 SLKM 66.67 331 eP 08 25.26 -1.5
 MBC 66.96 352 ePc 08 27.30 -0.9
 0.9s 26.00nm 5.4mb
 KDC 66.97 328 eP 08 27.57 -1.0
 0.8s 22.03nm 5.4mb
 PAE 67.51 245 iPg 08 31.40 -1.3
 1.1s 75.00nm 5.8mb
 AFR 67.65 246 iPg 08 32.20 -1.3
 1.1s 55.00nm 5.6mb
 CRP 67.81 332 eP 08 32.38 -1.7
 REF 67.84 331 eP 08 33.84 -0.4
 SVW 69.38 331 eP 08 41.45 -2.2
 1.3s 116.03nm 5.9mb
 TTA 70.01 333 ePc 08 46.38 -1.1
 1.0s 35.84nm 5.5mb
 AIA 78.49 170 eP 09 36.40 0.2
 ADK 80.41 321 eP 09 45.36 -1.6
 1.2s 178.98nm 6.0mb
 EPF 80.94 48 eP 09 49.00 -1.0
 LFF 80.99 46 eP 09 49.10 -1.1
 1.1s 17.10nm 5.0mb
 LPO 81.34 46 eP 09 50.40 -1.6
 1.1s 19.80nm 5.1mb
 TIC 81.66 85 P 09 57.32 3.1X
 1.0s 15.00nm 5.0mb
 LIC 81.73 85 P 09 55.62 1.0
 CAF 81.92 46 eP 09 54.50 -0.6
 1.1s 11.50nm 4.8mb
 KIC 81.98 85 P 09 56.98 1.1
 HAU 84.34 42 eP 10 05.60 -1.8
 1.1s 10.25nm 5.0mb
 BSF 84.67 42 eP 10 07.40 -1.8
 1.1s 12.20nm 5.0mb
 CDF 84.88 42 eP 10 08.90 -1.3
 1.2s 14.30nm 5.1mb
 LPL 85.08 45 eP 10 10.30 -1.1
 0.8s 4.15nm 4.7mb
 LPG 85.09 45 eP 10 11.20 -0.4
 0.8s 4.85nm 4.8mb
 HFS 85.81 29 ePKP 10 14.70 0.2
 0.4s 1.20nm 4.5mb
 MDX 87.13 39 eP 10 24.40 3.2X
 1.5s 22.00nm 5.2mb
 CLL 87.81 38 eP 10 29.00 4.6X
 KHC 88.76 40 eP 10 28.50 -0.5
 1.0s 3.50nm 4.6mb
 e 10 34.00 17km

GEC2	88.91	40	ePd	10	28.50	-1.4	PLM	34.43	313	(P)	20	50.03	-0.6	SSK	36.71	314	eP	21	15.53	0.6	
	0.6s	0.99nm			4.3mb		ARUT	34.79	322	eP	20	53.25	-0.4	TPNV	37.29	319	eP	21	21.72	2.1	
		e(pP)	10	36.50	25km		RSSD	35.20	339	eP	20	56.31	-0.8		0.8s	12.10nm			4.7mb		
		e	10	45.70				0.8s	2.89nm			4.2mb		DUG	37.35	326	eP	21	21.35	1.3	
		e	10	50.70			DAU	35.38	328	(P)	21	00.59	1.7		1.0s	11.18nm			4.6mb		
		ePP	14	03.40			DUG	36.06	326	(P)	21	07.42	3.0X	HVU	38.45	328	eP	21	29.67	0.3	
		e(pPP)	14	08.00				0.7s	0.75nm			3.7mb		TNP	38.58	320	(P)	21	28.72	-1.8	
PRU	89.12	39	eP	10	37.50	6.8X	HVU	37.16	328	(P)	21	16.13	2.5	BCH	38.90	314	eP	21	34.64	1.5	
ZST	91.26	40	eP	10	40.50	-0.2	ULM	38.90	351	eP	21	27.50	-0.4	PTI	39.04	330	eP	21	34.68	0.4	
BJI	124.15	338	ePKP	16	34.00	-0.4	ARN	39.75	316	(P)	21	35.77	0.5	BONR	39.20	319	eP	21	37.09	1.3	
WMO	124.84	4	ePKP	16	35.00	-0.7	LRM	40.00	333	eP	21	35.00	-2.5	HHA1	39.35	330	eP	21	37.12	0.3	
HHC	124.97	342	PKPc	16	36.90	0.8			e	21	53.40		PHAM	39.45	315	eP	21	40.61	3.0X		
BT0	125.65	343	ePKP	16	37.00	-0.5	LBFM	42.13	320	(P)	21	56.28	1.3	LMN	39.61	24	eP	21	40.50	1.7	
KSH	127.15	16	PKP	16	40.40	0.0	BAO	47.58	124	e(P)	22	29.30	-9.6X	ARN	41.01	316	eP	21	52.12	1.6	
TIY	127.55	340	ePKP	16	41.40	0.2			e	22	39.50		ORV	42.16	319	eP	22	02.52	2.7X		
STK	130.28	238	ePKP	16	45.90	-0.5			e	22	41.90		LBFM	43.41	321	eP	22	11.07	0.8		
LZH	131.46	347	ePKP	16	48.50	-0.3			e	22	53.30		DPW	45.48	330	(P)	22	26.25	-0.4		
XAN	132.05	341	ePKP	16	49.50	-0.3			e	23	04.00		LON	46.59	327	eP	22	33.63	-1.8		
CD2	136.45	346	ePKP	16	59.00	0.7			e	23	20.30		RMW	47.03	328	(P)	22	38.70	-0.2		
ASPA	138.58	247	ePKP	17	01.30	-1.1			e	23	34.80		BMW	47.19	326	eP	22	39.98	-0.2		
	1.3s	20.20nm						e	23	49.90		PPD	47.59	133	eP	22	44.80	1.2			
WB2	138.65	253	ePKP	16	54.70	-7.9X			e	24	15.00		GMW	47.60	327	eP	22	41.94	-1.5		
	0.8s	3.00nm					BDF	47.67	124	e(P)	22	40.00	0.4	FCC	48.21	355	eP	22	48.00	0.1	
LSA	139.08	1	iPKPd	17	01.10	-2.6X			e	22	47.00		VAO	51.34	131	(P)	23	20.00	7.5X		
GYA	139.78	340	PKP	16	58.40	-6.2X			e	23	09.00		MBC	67.77	352	ePc	25	05.00	0.0		
GKN	140.10	10	PKP	16	59.18	-6.0X			e	23	29.00			0.9s	13.00nm			5.1mb			
GUN	140.40	9	PKP	16	59.18	-6.8X			e	23	48.00		REF	68.97	331	eP	25	09.62	-3.3X		
KKN	140.42	10	PKP	16	59.16	-6.7X			e	24	11.00		TTA	71.12	333	eP	25	23.59	-2.3		
DMN	140.57	10	PKP	16	59.16	-7.0X			e	24	22.00			0.8s	4.36nm			4.6mb			
PKI	140.66	10	PKP	17	00.18	-6.3X	ITR	52.78	111	eP	23	17.70	-0.8	EKA	77.51	36	P	26	02.00	-0.8	
QIZ	145.08	330	PKPd	17	13.40	-0.5	YKA	54.19	345	eP	23	24.70	-3.5X		0.9s	10.50nm			4.9mb		
POO	145.14	32	iPKPc	17	15.20	1.2			0.9s	3.30nm		4.4mb		LPF	79.14	43	eP	26	11.40	-0.5	
COOL	146.96	230	ePKP	17	18.00	1.3	REF	67.69	331	eP	24	58.55	-1.6		0.9s	3.10nm			4.3mb		
HYB	148.31	25	ePKP	17	19.20	0.0	TTA	69.84	333	(P)	25	09.21	-4.0X	GRR	79.24	43	eP	26	12.10	-0.4	
	1.0s	90.00nm						1.2s	3.19nm		4.3mb			0.9s	12.80nm			4.9mb			
CHG	149.20	347	iPKPd	17	20.50	-0.1	ADK	80.36	321	eP	26	13.62	0.1	LDF	79.71	42	eP	26	14.80	-0.2	
	1.1s	79.11nm						0.8s	21.35nm		5.2mb			0.9s	11.95nm			4.9mb			
TSM	150.05	300	ePKPd	17	27.20	5.2X			S.D. = 1.3 on 37 of 46 obs.				MFF	79.86	44	eP	26	14.50	-1.4		
KKM	150.46	305	ePKPc	17	28.00	5.3X			SEP 02, 1992 01h 14m 05.42 ± 0.58s				LFF	80.64	46	eP	26	19.10	-0.9		
BDT	150.71	347	ePKP	17	24.00	1.2			10.782 N ± 9.8km 86.642 W ± 6.2km					1.0s	19.00nm			5.1mb			
	1.2s	263.30nm						DEPTH = 10.0km (geophysicist)					LIC	80.65	85	P	26	21.32	0.6		
MEEK	150.91	235	ePKP	17	25.50	2.5X			4.8mb (19 obs.)					0.8s	16.00nm			5.1mb			
GBA	151.12	31	PKP	17	24.00	0.5			OFF COAST OF COSTA RICA (77)				KIC	80.91	85	P	26	22.86	0.8		
MBL	151.82	246	ePKP	17	29.00	4.6X	TPX	6.84	307	(P)	15	45.82	-2.5	CAF	81.57	46	eP	26	23.60	-1.4	
NST	151.93	344	ePKP	17	27.00	2.3X	IISM	13.19	309	(P)	17	14.00	-1.5		0.9s	5.40nm			4.6mb		
NNT	154.97	342	ePKP	17	36.20	7.3X	IIT	13.93	307	(P)	17	26.33	0.8	ADK	81.64	321	eP	26	25.76	0.7	
	S.D. = 1.2 on 125 of 152 obs.						ACX	14.19	297	(P)	17	28.50	-0.1		0.8s	114.06nm			6.0mb X		
	SEP 02, 1992 01h 14m 00.54 ± 0.66s						PPM	14.20	307	(P)	17	29.80	0.4	SSF	82.30	44	eP	26	26.90	-1.8	
	11.872 N ± 9.9km 87.347 W ± 10.0km						III	14.52	303	(P)	17	33.20	0.0		0.9s	6.70nm			4.8mb		
	DEPTH = 10.0km (geophysicist)						MRX	16.59	304	(P)	18	02.30	2.5X	HAU	84.07	42	eP	26	36.30	-1.5	
	4.5mb (9 obs.)						TOV	16.61	92	eP	18	09.60	9.5X		0.8s	6.30nm			4.9mb		
	NEAR COAST OF NICARAGUA (74)						HBF	22.79	14	iP	19	13.06	3.7X	HFS	85.83	30	eP	26	46.20	-0.1	
								e			19	24.12			0.5s	1.10nm			4.3mb		
SJS	3.76	120	eP	15	00.46	0.4	SGS	23.01	13	eP	19	14.25	2.8X	CLL	87.63	38	eP	26	55.00	-0.2	
LCR2	3.91	122	ePn	14	57.72	-4.4X	PRM	23.52	9	(P)	19	18.97	2.4	KHC	88.53	40	eP	27	00.00	0.3	
OCR	3.96	128	ePn	14	55.81	-6.9X	JSC	23.90	11	eP	19	21.36	1.2	GEC2	88.68	41	eP	27	00.30	-0.2	
COLM	17.33	297	(P)	18	05.00	0.6	PWLA	24.12	357	eP	19	21.78	-0.5		0.9s	1.49nm			4.3mb		
PRM	22.57	11	eP	19	05.28	2.9X	LHS	24.18	12	eP	19	23.76	0.9	MA10	123.34	33	ePKP	33	05.00	0.2	
JSC	22.98	13	(P)	19	08.06	1.7	GBTN	24.87	5	eP	19	30.22	0.6	WMO	125.42	5	ePKP	33	11.40	2.8X	
PWLA	23.01	358	eP	19	06.69	0.0	TKL	24.90	6	eP	19	31.97	2.1	HHC	125.94	343	ePKP	33	14.00	4.2X	
OLY	23.82	352	eP	19	14.28	-0.2	OLY	25.00	351	eP	19	30.10	-0.7	KSH	127.47	17	ePKP	33	16.60	3.8X	
GBTN	23.86	6	eP	19	17.00	2.1	LST	25.78	354	eP	19	37.84	-0.3	TIY	128.55	341	ePKP	33	18.90	4.1X	
TKL	23.90	7	eP	19	17.23	1.9	CEH	25.92	14	ePd	19	41.37	1.9	GTA	129.71	353	PKP	33	20.00	2.9X	
LST	24.64	355	(P)	19	23.23	0.8	ELC	26.49	355	eP	19	45.29	0.6	SSE	130.53	328	ePKP	33	23.00	4.3X	
FKO	25.00	340	iPc	19	24.00	-2.0	BLA	26.90	11	eP	19	50.11	1.5	NJ2	130.92	331	PKPd	33	22.00	2.6X	
FNO	25.00	340	iPc	19	23.70	-2.3	FVM	27.30	353	(P)	19	49.68	-2.4	LZH	132.35	348	ePKP	33	26.00	3.8X	
CEH	25.05	16	eP	19	27.26	0.8	CBN	28.54	15	eP	20	05.00	1.6	CD2	137.36	347	ePKP	33	37.40	5.6X	
	0.8s	11.35nm			4.6mb		LVNJ	31.69	17	eP	20	31.97	0.6	ASPA	139.36	246	ePKP	33	43.70	8.1X	
OCO	25.27	340	iPc	19	27.10	-1.4	DLA	32.26	7	P	20	34.70	-1.6		0.9s	7.40nm					
ELC	25.36	356	eP	19	28.50	-0.8	LDN	32.49	7	P	20	36.50	-1.8	LSA	139.70	3	PKP	33	39.40	2.8X	
BLA	25.99	13	eP	19	36.40	1.1	ZOBO	32.54	145	P	20	46.00	6.3X	GKN	140.53	12	PKP	33	34.84	-2.9X	
	0.7s	6.04nm			4.4mb		ELF	32.62	7	P	20	37.50	-1.9	GYA	140.79	341	PKP	33	41.00	2.8X	
NAV	26.01	12	eP	19	35.81	0.3	GLA	34.08	315	eP	20	52.60	0.3	GUN	140.86	11	PKP	33	35.48	-3.1X	
FVM	26.15	354	(P)	19	37.68	1.0	CCH	34.55	144	P	21	03.00	6.2X	KKN	140.87	11	PKP	33	35.02	-3.4X	
	0.5s	7.09nm			4.6mb		RSNY	35.23	15	eP	21	00.10	-1.9	DMN	141.01	12	PKP	33	35.82	-2.9X	
ACO	26.91	339	iPc	19	40.70	-3.0X		0.8s	48.59nm			5.4mb		PKI	141.10	11	PKP	33	35.54	-3.5X	

SEP 02, 1992 01h 17m 53.69±0.99s
 35.727 N ± 9.2km 140.547 E ± 7.4km
 DEPTH = 76.0 ± 6.6 km
 4.7mb (26 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ	0.57	328	iPd	18 05.70	-2.1
			S	18 19.10	
CHJJ	1.30	285	P	18 17.50	0.9
NIJJ	1.96	321	iPd	18 26.40	1.0
MAT	2.06	294	iPd	18 28.30	1.4
			eS	19 07.00	
MTMJ	2.38	292	iP	18 33.00	1.6
YAMJ	2.48	351	P	18 31.20	-1.4
OFUJ	3.46	15	P	18 41.70	-4.6X
			eS	19 20.80	
TSRJ	3.72	268	eP	18 52.30	2.4
WKYJ	4.34	251	P	18 58.10	-0.6
AOMJ	4.83	358	eP	19 03.30	-2.1
TKSJ	5.62	254	eP	19 17.30	0.8
YONJ	5.81	267	eP	19 20.70	1.6
MRRJ	6.70	3	eP	19 26.40	-5.0X
HDOJ	6.98	17	eP	19 28.40	-6.9X
			eS	20 43.00	
KUSJ	8.03	22	eP	19 40.90	-8.9X
			eS	21 05.30	
ASAJ	8.53	10	P	19 49.50	-7.2X
CN2	14.12	309	eP	21 18.50	7.2X
BJI	19.69	290	eP	22 17.00	-2.3
	1.2s	33.00nm			4.5mb
TIY	22.59	283	eP	22 49.40	0.8
HHC	23.26	291	eP	22 52.60	-2.5
BTO	24.42	291	eP	23 05.80	-0.6
XAN	25.94	276	eP	23 19.50	-1.1
	0.6s	7.70nm			4.4mb
LZH	29.62	282	eP	23 52.00	-2.0
	2.0s	41.00nm			4.8mb
GYA	30.33	262	P	23 58.40	-1.9
CD2	31.00	272	eP	24 04.30	-1.7
WMO	40.82	298	P	25 30.00	0.8
	1.7s	18.00nm			4.6mb
LSA	41.64	276	eP	25 37.30	0.7
GUN	46.60	276	P	26 16.06	-0.3
SVW	46.97	37 (P)		26 18.05	-0.4
	0.9s	12.20nm			4.8mb
PKI	47.12	276	P	26 18.78	-1.6
	0.7s	26.00nm			5.3mb
DMN	47.35	276	P	26 18.86	-3.3X
GKN	47.56	277	P	26 23.52	-0.2
FBA	50.58	32 (P)		26 46.20	0.0
HYB	57.47	269	eP	27 37.20	-0.1
ASPA	59.40	187	eP	27 49.90	-0.6
	0.6s	10.00nm			5.1mb
MBL	59.88	202	eP	27 51.00	-2.8X
GBA	60.42	266	P	27 58.00	0.4
MAIO	63.58	297	eP	28 17.00	-1.7
STK	67.26	179	eP	28 40.20	-1.8
	1.0s	1.60nm			3.9mb
KAF	69.15	333	eP	28 52.90	-0.5
NUR	70.77	332	eP	29 03.00	-0.3
HFS	74.99	336	eP	29 27.70	-0.4
	0.4s	4.80nm			4.8mb
LRM	75.57	44	eP	29 31.50	-0.5
TNP	77.23	52	eP	29 42.09	0.7
	0.9s	6.25nm			4.5mb
DUG	78.74	48	eP	29 49.50	0.0
DAU	79.55	48	eP	29 54.70	0.6
			e	30 26.00	
PEC	79.71	56	eP	29 55.29	0.5
	0.8s	2.60nm			4.2mb
OJC	79.73	326	eP	29 55.40	0.9
EMUT	80.19	48	eP	29 58.79	1.3
PLM	80.23	56	eP	29 58.50	0.8
KSP	80.84	328	iP	30 01.20	0.9
RSSD	81.27	41	eP	30 02.50	-0.5
	0.9s	4.88nm			4.4mb
BRG	81.81	329	iP	30 06.90	1.5
CLL	81.88	330	iPd	30 06.00	0.3
	1.0s	21.00nm			5.0mb
PRU	82.23	328	eP	30 08.50	0.9
KHC	83.29	328	eP	30 14.40	1.3
	1.0s	5.40nm			4.5mb
GEC2	83.45	328	ePd	30 14.30	0.3
	0.8s	2.24nm			4.2mb
GOL	83.47	45	eP	30 18.29	3.7X
	0.8s	1.93nm			4.1mb

GRF	83.85	330	iPd	30 17.40	1.5
	1.1s	23.00nm			5.1mb
SKO	84.71	319	iP	30 21.80	1.4
			i	30 38.20	
			i	30 50.70	
CDF	86.45	331	eP	30 29.10	0.1
	0.7s	9.50nm			5.0mb
HAU	87.15	331	eP	30 32.10	-0.2
	0.7s	4.20nm			4.7mb
LPL	89.01	330	eP	30 41.50	-0.1
	0.7s	3.30nm			4.7mb
LPG	89.02	329	eP	30 41.70	0.0
	0.7s	4.20nm			4.8mb
AVF	89.30	332	eP	30 43.10	0.5
	0.8s	11.30nm			5.1mb
MAF	90.08	332	eP	30 49.80	3.5X
	0.8s	9.00nm			5.1mb
LSF	90.44	333	eP	30 48.20	0.3
	0.8s	7.00nm			5.0mb
CAF	91.36	332	eP	30 53.10	0.9
	1.9s	7.60nm			4.7mb
LFF	91.85	333	eP	30 55.20	0.8
	0.6s	5.95nm			5.2mb
ZOBO	147.95	60	ePKP	37 34.00	4.2X
CCH	150.09	59	ePKP	37 38.00	5.4X
SIV	152.46	50	ePKP	37 43.00	7.2X
			e	38 54.00	
ITR	153.14	358	ePKP	37 43.20	6.4X
	S.D. = 1.2	on 59 of 73 obs.			

? SEP 02, 1992 01h 20m 54.27±1.49s
 11.536 N ±29.1km 86.642 W ±42.3km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF NICARAGUA (74)

SJS	3.00	122	eP	21 52.67	9.8X
LCR2	3.15	124	eP	21 51.28	6.3X
ICR	3.16	119	eP	21 54.05	8.6X
OCR	3.21	131	eP	21 45.95	0.2
SCX	7.78	312	iP	23 03.60	13.3X
EEO	35.57	9	eP	27 56.00	2.3X
SIV	37.26	137	eP	28 11.00	2.7X
LMN	38.93	24	eP	28 26.00	4.1X
ULM	39.34	351	eP	28 26.00	0.7
LRM	40.62	332	eP	28 36.90	0.6
JAQ	43.05	9	eP	28 55.50	-0.2
BAO	46.82	124	e(P)	29 26.70	0.1
			e	29 34.20	
BDF	46.91	124	Pc	29 28.10	0.8
			e	29 33.20	
PPD	48.10	134	eP	29 35.50	-1.0
MBC	67.03	352	eP	31 48.00	-1.2
HYB	147.73	27	ePKP	40 36.20	-2.7X
GBA	150.45	33	PKP	40 48.00	4.9X
	S.D. = 0.9	on 8 of 17 obs.			

SEP 02, 1992 01h 42m 22.46±0.47s
 12.065 N ± 6.9km 88.067 W ± 7.2km
 DEPTH = 10.0km (geophysicist)
 4.7mb (10 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

SJS	4.47	118	eP	43 33.39	1.4
LCR2	4.61	120	ePd	43 35.00	1.0
ICR	4.65	116	eP	43 37.29	2.5
OCR	4.65	124	eP	43 34.85	0.5
IIA	12.39	306 (P)		45 26.26	4.4X
TPM	12.63	304 (P)		45 25.00	-0.2
COLM	16.62	297 (P)		46 19.00	1.7
SGS	22.14	17	eP	47 20.96	1.0
PRM	22.53	12	eP	47 24.40	0.6
PRM	22.53	12	eP	47 24.49	0.6
UYO	22.76	346	iPd	47 26.50	0.4
PWLA	22.81	0	eP	47 26.55	-0.1
			e	47 34.53	
JSC	22.97	15	eP	47 28.90	0.7
			e	47 37.33	
LHS	23.27	15	eP	47 32.59	1.5
OLY	23.54	353	eP	47 33.07	-0.6
GBTN	23.76	8	eP	47 34.66	-1.2
TKL	23.81	9	ePd	47 36.98	0.6
			e	47 46.04	
LST	24.40	357	eP	47 42.79	0.8
FKO	24.59	341	iPd	47 44.30	0.4
FNO	24.59	341	iPd	47 43.60	-0.4
OCO	24.86	342	iPd	47 46.90	0.3
CEH	25.07	17	eP	47 49.01	0.5

	0.8s	20.86nm			4.9mb
			e	47 57.21	
ELC	25.13	358	eP	47 47.62	-1.5
FVM	25.90	356	eP	47 54.77	-1.5
	0.6s	8.05nm			4.6mb
SLA	25.96	14	eP	47 57.09	0.1
	0.8s	7.30nm			4.4mb
			e	48 05.20	
NAV	25.98	13	eP	47 55.83	-1.3
CBN	27.73	18	eP	48 13.00	0.0
JFWS	30.79	357	eP	48 40.45	0.0
	0.6s	5.36nm			4.6mb
LVNJ	30.93	20	eP	48 41.20	-0.5
TYNO	31.72	11	P	48 50.77	2.1
STCO	31.97	12	P	48 52.90	2.1
ACTO	32.18	11	P	48 52.06	-0.6
GLA	32.19	315	eP	48 54.33	1.4
WLVO	32.82	13	P	48 56.99	-1.2
SRU	33.51	327	eP	49 03.97	-0.5
PLM	33.78	314 (P)		49 08.36	1.4
MSU	33.98	325 (P)		49 08.70	0.1
ARUT	34.21	323 (P)		49 09.73	-0.9
ZOBO	34.39	145	P	49 10.90	-1.9
	1.2s	32.09nm			5.1mb
			i	49 30.20	
RSNY	34.39	17	eP	49 09.23	-2.6
	0.9s	12.73nm			4.8mb
LPB	34.60	145	P	49 13.00	-1.4
			i	49 32.90	
RSSD	34.77	340	eP	49 14.77	-0.6
	0.6s	6.14nm			4.7mb
DAU	34.85	328 (P)		49 16.37	0.2
EEO	35.29	11	eP	49 19.00	-0.5
TNP	36.71	320	eP	49 32.64	0.8
	0.5s	0.79nm			3.8mb
BONR	37.32	319	eP	49 38.01	0.9
PHAM	37.56	315 (P)		49 39.86	1.0
SIV	38.61	136	P	49 47.40	-0.4
			i	50 06.40	
ULM	38.61	352	eP	49 47.00	-0.4
LMN	39.05	26	eP	49 52.00	0.9
LRM	39.51	333	eP	49 55.30	0.0
JAQ	42.78	11	eP	50 19.00	-2.7
BAO	48.28	124	e(P)	51 03.55	-2.6
			e	51 22.90	
			e	51 51.70	
			e	51 54.50	
			e	52 01.50	
			e	52 54.00	
FBA	66.54	336 (P)		53 12.75	-1.7
	0.4s	1.01nm			4.4mb
ADK	79.77	321	eP	54 32.17	-0.1
	1.1s	39.84nm			5.3mb
HYB	147.86	25	ePKP	02 08.70	1.4X
			e	02 25.20	
GBA	150.73	30	PKP	02 17.00	5.3X
	S.D. = 1.2	on 54 of 57 obs.			

SEP 02, 1992 01h 42m 39.91±0.28s
 11.948 N ± 5.1km 87.882 W ± 4.3km
 DEPTH = 10.0km (geophysicist)
 5.4mb (36 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX	5.18	305 (P)	43	59.10	-0.2
SCX	6.62	317 (P)	44	25.51	5.8X
PBJ	8.55	302 (P)	44	42.00	-4.7X
IISM	11.52	309 (P)	45	28.64	1.2
IIT	12.26	306 (P)	45	39.96	2.1
PPM	12.54	306 (P)	45	44.01	2.2
ACX	12.59	294 iP	45	41.30	-0.7
III	12.88	301 (P)	45	47.94	1.9
UNM	13.12	305 (P)	45	50.00	0.6
MRX	14.94	303 (P)	46	16.67	3.7X
CGX	16.85	299 (P)	46	45.08	7.3X
SDV	17.23	99 eP	46	41.40	-1.2
TOV	17.90	95 eP	46	55.40	4.7X
MZX	20.89	305 (P)	47	24.00	-1.0
HBF	21.99	17 eP	47	38.22	2.3
SGS	22.20	17 (P)	47	41.01	3.0X
PRM	22.60	12 eP	47	44.33	2.3
PWLA	22.93	360 eP	47	44.69	-0.5
JSC	23.03	14 eP	47	47.92	1.7
CUM	23.31	91 eP	47	51.00	1.9
LHS	23.34	15 eP	47	51.20	2.0
OLY	23.67	353 eP	47	52.33	-0.2
GBTN	23.85	7 eP	47	55.44	1.3

TKL	23.90	8 eP	47 56.54	1.9	PGC	47.01	328 eP	51 13.00	-0.1	XAN	131.56	341 PKPc	01 56.00	0.9
LST	24.53	356 eP	48 01.47	0.8	PPD	49.27	133 eP	51 28.80	-2.3	ASPA	138.69	248 iPKPd	02 09.10	0.2
CEH	25.13	17 eP	48 08.01	1.5			e	51 41.70			1.1s	13.30nm		
	0.6s	81.10nm		5.6mb	VAO	53.02	131 eP	52 00.70	1.1			e	05 42.90	
ELC	25.26	357 eP	48 07.32	-0.4	ITR	53.30	110 eP	52 00.50	-1.2	WB2	138.71	253 ePKP	02 01.10	-7.9X
MGH	25.30	76 eP	48 08.00	-0.4	RKT	57.79	233 iP	52 33.20	-0.7		0.8s	4.10nm		
BPA	25.69	76 eP	48 09.00	-3.0X		1.2s	90.00nm		5.7mb	GYA	139.29	340 PKP	02 09.00	-1.0
PCO	25.97	343 e(P)	48 14.20	-0.2	BALM	62.84	334 eP	53 06.88	-1.2	BIP	140.59	299 ePKP	02 12.00	-0.4
FVM	26.03	355 eP	48 14.16	-0.8	KLU	64.60	333 eP	53 18.28	-1.3	CGP	141.79	301 ePKP	02 10.50	-4.1X
	0.5s	40.19nm		5.4mb	RUV	64.79	247 iP	53 21.70	0.3	WAR8	144.56	241 ePKP	02 17.00	-2.1
BLA	26.03	14 eP	48 15.73	0.7		1.1s	150.00nm		6.1mb	QIZ	144.61	330 PKPd	02 19.00	-0.3
NAV	26.05	13 eP	48 15.28	0.1	TPT	64.93	247 iP	53 22.80	0.5	PPR	145.86	308 ePKPd	02 22.50	1.0
DEG	26.36	77 eP	48 12.00	-6.3X		1.1s	75.00nm		5.8mb	COOL	147.22	230 ePKP	02 26.00	2.6X
CBN	27.78	18 eP	48 12.00	1.0	VAH	65.03	247 iP	53 23.30	0.4	TSM	149.73	301 ePKP	02 29.00	1.3
JFWS	30.92	357 eP	48 57.65	-1.4		1.1s	145.00nm		6.1mb	KKM	150.10	305 ePKP	02 32.00	3.6X
	0.5s	58.84nm		5.7mb	PMO	65.18	247 iP	53 24.60	0.7	MUN	150.19	224 ePKP	02 34.00	6.1X
LVNJ	30.98	20 eP	49 00.01	0.5		1.1s	70.00nm		5.8mb	BDT	150.21	347 ePKP	02 35.50	7.2X
GMTN	31.24	20 iP	49 03.40	1.6	PMR	66.06	333 eP	53 27.29	-1.6		1.2s	273.80nm		
PNJ	31.27	20 i(P)	49 03.10	1.0		1.3s	47.58nm		5.5mb	MEEK	151.12	236 ePKP	02 36.00	6.5X
DLA	31.28	9 P	49 01.20	-1.0	PMS	66.14	332 eP	53 28.70	-0.7	NST	151.43	344 ePKP	02 27.50	-2.6X
TBR	31.46	20 eP	49 04.47	0.7	SLKM	66.20	331 eP	53 28.66	-1.2	MBL	151.94	247 ePKP	02 37.00	6.2X
LDN	31.52	9 P	49 03.00	-1.3	MBC	66.46	352 ePc	53 29.90	-1.3	NNT	154.48	343 ePKP	02 27.80	-6.7X
ELF	31.65	9 P	49 04.00	-1.4		1.0s	38.00nm		5.5mb		S.D. = 1.2	on 135 of 156 obs.		
GLA	32.40	315 eP	49 12.44	0.2	FBA	66.71	336 eP	53 31.24	-1.8					
ARE	32.55	150 eP	49 18.00	4.1X		1.1s	18.59nm		5.2mb					
SRU	33.70	327 eP	49 23.14	-0.5	CRP	67.33	332 eP	53 35.42	-1.8					
PLM	33.99	314 eP	49 26.94	0.7	REF	67.37	331 eP	53 36.17	-1.3					
MSU	34.18	325 eP	49 27.84	0.0	TVO	67.40	245 iP	53 38.30	0.1					
EMUT	34.37	328 eP	49 29.44	-0.1		1.0s	100.00nm		6.0mb					
ARUT	34.41	323 eP	49 29.62	-0.2	PPN	67.47	245 iP	53 38.60	0.1					
RSNY	34.45	17 eP	49 29.50	-0.3		1.0s	55.00nm		5.7mb					
	1.3s	184.18nm		5.8mb	SVW	68.91	331 eP	53 44.67	-2.2	KUSJ	3.61	262 eP	49 25.70	-1.6
PEC	34.49	314 eP	49 30.59	0.2		1.3s	55.25nm		5.6mb			eS	50 02.50	
	1.3s	19.82nm		4.9mb	TTA	69.53	333 eP	53 48.85	-1.9	HOIJ	4.81	256 eP	49 45.60	1.4
RSSD	34.95	340 eP	49 34.03	-0.3		1.0s	10.84nm		5.0mb	ASAJ	5.03	277 eP	49 47.60	0.1
	0.9s	57.90nm		5.5mb	SDN	70.37	325 eP	53 55.76	-0.1	MRRJ	6.37	261 eP	50 06.10	-0.2
SSK	35.03	314 eP	49 35.35	0.2		0.9s	114.09nm		6.0mb			eS	51 13.40	
DAU	35.04	328 eP	49 35.36	0.0	TOL	77.75	52 eP	54 40.00	1.0	OFUJ	7.54	235 eP	50 22.00	-0.8
EEO	35.37	11 eP	49 39.00	1.3	MAL	77.77	55 iPc	54 40.50	1.4			eS	51 41.80	
BNH	35.52	21 eP	49 38.16	-0.8	ADK	79.97	321 eP	54 51.49	0.7	MAT	11.28	234 eP	51 13.00	-1.2
TPNV	35.61	319 eP	49 38.34	-1.7		1.0s	128.75nm		5.9mb			eS	51 32.00	
	0.9s	21.72nm		5.0mb	EPF	80.67	48 eP	54 53.50	-1.3	MDJ	14.38	280 eP	51 51.70	-3.7X
DUG	35.71	326 eP	49 40.75	0.0		1.4s	23.10nm		5.0mb			1.0s	15.00nm	4.5mb
	1.0s	8.23nm		4.6mb	LPO	81.06	46 eP	54 51.00	-5.7X	BJI	25.05	273 eP	53 55.00	0.1
CCH	36.20	143 eP	49 48.00	2.7		1.3s	19.85nm		5.0mb			1.2s	33.00nm	4.8mb
HVU	36.82	328 eP	49 49.45	-0.7	RJF	81.20	46 eP	54 55.80	-1.7	HHC	28.11	277 eP	54 23.10	-0.1
TNP	36.91	320 eP	49 51.05	0.0		1.4s	22.65nm		5.0mb			1.2s	28.00nm	4.8mb
BCH	37.22	314 eP	49 54.17	0.6	LIC	81.77	85 P	55 02.18	1.2	TIY	28.62	271 eP	54 31.80	4.1X
		iPcP	52 15.11			0.9s	11.00nm		4.9mb	BTO	29.30	278 eP	54 33.40	-0.5
PTI	37.42	330 (P)	49 53.96	-1.2	KIC	82.02	85 P	55 05.02	2.7	XAN	32.81	267 P	55 04.20	-0.6
BONR	37.53	319 eP	49 57.27	1.0		0.9s	12.00nm		5.0mb	LZH	35.54	274 P	55 29.00	0.6
		ePcP	52 16.33		AVF	82.24	44 eP	55 00.50	-2.3			1.2s	53.00nm	5.3mb
HHA1	37.74	330 eP	49 57.85	0.0		1.6s	28.00nm		5.1mb	GTA	37.04	281 P	55 41.50	0.6
		ePcP	52 17.00		LOR	82.51	43 eP	55 02.10	-2.2			1.2s	16.00nm	4.8mb
PHAM	37.77	315 eP	49 58.61	0.5		1.4s	27.00nm		5.2mb	CD2	38.16	266 iPd	55 51.10	0.7
KVN	38.05	321 (P)	50 01.28	0.8	GRF	86.80	40 e(PKP)	55 25.30	-0.5			0.9s	39.00nm	5.3mb
CBM	38.65	22 eP	50 06.21	1.0	MOX	86.80	39 eP	55 25.30	-0.5	GYA	38.63	258 P	55 55.40	1.0
ULM	38.75	352 eP	50 05.50	-0.5		1.6s	20.00nm		5.1mb	WMQ	43.74	293 P	56 36.00	-0.1
LMN	39.07	26 eP	50 10.50	1.7	CLL	87.47	38 eP	55 26.00	-3.0			1.0s	17.00nm	4.8mb
ARN	39.34	316 eP	50 12.16	1.0		1.5s	20.00nm		5.2mb			pP	56 41.00	17kmX
LRM	39.70	333 ePc	50 14.50	0.2			e	55 36.00		GUN	52.78	275 P	57 47.20	0.3
		e	50 20.10		BRG	88.16	38 eP	55 31.50	-0.8	PKI	53.31	275 P	57 51.00	0.2
		iPcP	52 23.00			1.2s	15.00nm		5.2mb	DMN	53.51	275 P	57 52.80	0.6
ORV	40.49	319 eP	50 21.24	0.6			e	55 40.00				0.6s	27.00nm	5.4mb
		ePcP	52 24.78		KHC	88.43	40 eP	55 32.50	-1.2	GKN	53.62	276 P	57 53.20	0.3
LBFM	41.74	321 eP	50 30.84	-0.3		1.2s	8.00nm		4.9mb	HYB	64.54	270 eP	59 08.50	0.0
		ePcP	52 29.23				e	55 41.50		KAF	65.11	334 eP	59 10.10	-1.5
FHC	42.77	319 eP	50 40.32	1.0			e	56 07.00		GBA	67.85	268 P	59 31.00	1.4
	1.1s	131.09nm		5.6mb			e	56 32.50		HFS	70.38	338 eP	59 42.50	-2.0
SES	42.78	338 eP	50 39.00	-0.3	GEC2	88.59	40 eP	55 33.70	-0.8			0.4s	2.90nm	4.7mb
	1.2s	245.00nm		5.8mb		1.5s	9.01nm		4.8mb	LPL	85.21	335 eP	01 07.10	0.3
JAQ	42.86	11 eP	50 38.50	-1.3			e	55 42.10				0.8s	4.55nm	4.7mb
VGB	43.61	326 (P)	50 46.19	0.1	ZST	90.94	40 eP	55 43.20	-2.2	LPG	85.22	335 eP	01 07.90	1.0
DPW	43.88	331 eP	50 47.47	-0.8			e	55 53.10				0.9s	7.35nm	4.9mb
		PcP	52 29.39		BUL	118.73	106 ePKP	01 32.10	1.1			S.D. = 0.9	on 25 of 27 obs.	
SHW	44.83	326 eP	50 54.87	-1.2	MAIO	123.00	31 ePKP	01 40.00	1.4					
LON	44.95	327 eP	50 56.01	-1.0	BJI	123.66	338 ePKP	01 40.50	0.8	? SEP 02, 1992 01h 49m 50.06±2.58s				
		ePcP	52 39.08		WMQ	124.36	4 PKP	01 41.00	-0.1					
RMW	45.40	328 eP	50 59.58	-1.0	HHC	124.47	342 ePKP	01 43.00	1.6					
		ePcP	52 40.88		BTO	125.15	343 ePKP	01 42.60	-0.1					
BMW	45.55	326 eP	51 01.01	-0.7	KSH	126.70	16 PKP	01 47.20	1.4					
		ePcP	52 41.77		TIY	127.05	340 ePKP	01 47.70	1.2	LPR	1.63	233 P	50 16.80	-0.1
GMW	45.97	327 eP	51 03.54	-1.4	SSE	128.91	328 PKPc	01 51.00	1.0	CPD	1.84	228 P	50 20.00	0.1
		ePcP	52 43.65		STK	130.47	238 iPKPc	01 54.00	1.0	SJG	1.96	234 iP	50 21.70	0.0
MCW	46.71	329 eP	51 09.98	-0.9			iPKS	05 17.50		APR	2.28	249 P	50 26.50	0.4
		ePcP	52 46.02				eSKP	05 31.70		CLLP	2.32	239 P	50 26.90	0.2
FCC	46.95	356 ePc	51 13.00	0.5	LZH	130.96	347 ePKP	01 51.00	-3.1X	PORP	2.38	239 P	50 27.50	-0.1

02d 01h

LRS 2.44 246 P 50 28.10 -0.4
MGP 2.78 243 iP 50 33.20 0.0
EEO 29.79 340 eP 55 56.00 0.0
S.D. = 0.3 on 9 of 9 obs.

* SEP 02, 1992 01h 59m 55.98±0.95s
11.150 N ±13.4km 86.727 W ±12.5km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)

NEAR COAST OF NICARAGUA (74)

SJS 2.89 114 eP 00 48.92 5.9X
LCR2 3.02 117 eP 00 44.95 0.0
OCR 3.05 124 eP 00 43.97 -1.1
ICR 3.08 112 eP 00 47.40 1.5
TPM 14.22 305 (P) 03 20.50 0.6
HBF 22.45 14 (P) 04 58.52 1.9
SGS 22.67 14 eP 05 00.72 2.0
PWLA 23.75 357 (P) 05 08.50 -0.8
LHS 23.84 12 ePc 05 10.72 0.6
UYO 23.98 344 iPd 05 11.80 0.3
GBTN 24.51 5 eP 05 16.33 -0.4
TKL 24.54 6 eP 05 16.11 -0.9
NAV 26.60 11 eP 05 35.84 -0.5
CBN 28.21 16 eP 05 51.00 0.1
RSNY 34.90 15 eP 06 48.54 -1.2
0.9s 12.67nm 4.8mb
EEO 35.96 9 eP 06 58.00 -0.7
RSSD 36.09 339 eP 07 00.50 0.4
0.8s 3.21nm 4.2mb
DAU 36.32 328 eP 07 01.98 -0.2
HHA1 39.00 330 (P) 07 23.61 -0.8
ULM 39.71 351 eP 07 29.50 -0.6
ORV 41.83 319 (P) 07 50.00 2.3
YKA 55.04 345 eP 09 27.40 -2.5
1.1s 2.50nm 4.2mb
GBA 150.82 33 PKP 19 49.00 3.7X
S.D. = 1.3 on 21 of 23 obs.

? SEP 02, 1992 02h 04m 18.67±2.31s
11.359 N ±33.6km 87.384 W ±34.4km
DEPTH = 10.0km (geophysicist)
5.2mb (22 obs.) 5.4Msz (5 obs.)

NEAR COAST OF NICARAGUA (74)

SJS 3.56 113 eP 05 16.52 1.2
LCR2 3.69 115 eP 05 16.16 -1.1
OCR 3.70 121 eP 05 18.81 1.6
ICR 3.75 111 eP 05 16.40 -1.9
TKL 24.41 7 eP 09 39.00 0.6
SRU 34.46 327 eP 11 08.32 -0.6
EEO 35.86 10 eP 11 20.50 -0.1
ULM 39.40 351 eP 11 50.50 0.3
S.D. = 1.4 on 8 of 8 obs.

SEP 02, 1992 02h 06m 53.66±0.30s
11.844 N ±5.3km 87.578 W ±5.3km
DEPTH = 23.6km (19 depth phases)
5.2mb (22 obs.) 5.4Msz (5 obs.)

NEAR COAST OF NICARAGUA (74)

PBJ 8.86 302 (P) 09 00.50 -2.8
STH 12.10 58 iPc 09 51.55 3.8X
IIT 12.56 306 (P) 09 54.00 -0.1
TPM 13.15 304 (P) 10 02.00 0.2
MRX 15.25 303 iP 10 31.20 2.0
COLM 17.15 297 (P) 10 54.50 1.0
TOV 17.59 95 eP 11 02.70 3.6X
HBF 22.01 16 eP 11 50.46 2.5
pP 11 58.55 29km
SGS 22.21 16 ePc 11 50.70 0.6
pP 11 57.82 26km
PRM 22.64 11 ePc 11 55.97 1.6
PWLA 23.04 359 iPc 11 57.95 -0.2
JSC 23.06 13 ePc 11 59.48 1.1
LHS 23.36 14 ePc 12 02.26 1.0
OLY 23.82 352 ePc 12 05.26 -0.5
pP 12 13.46 29km
GBTN 23.91 7 ePc 12 07.66 1.0
e 12 17.52
TKL 23.96 8 iPc 12 08.11 1.0
e 12 18.23
FKO 24.95 341 iPc 12 15.10 -1.7
FNO 24.95 341 iPc 12 18.00 1.2
CEH 25.14 16 eP 12 18.93 0.4
0.6s 52.97nm 5.4mb
Z 20s 5.87um 5.1Msz
OCO 25.22 341 iPd 12 21.00 1.7

ELC 25.38 357 ePc 12 19.50 -1.2
e 12 24.28
NNA 25.96 155 eP 12 27.00 0.6
1.2s 39.06nm 4.9mb
BLA 26.06 13 ePc 12 27.53 0.3
1.0s 47.10nm 5.1mb
NAV 26.09 12 ePc 12 27.48 0.1
ACO 26.85 339 iPc 12 36.60 2.2
CBN 27.79 17 eP 12 43.50 0.6
LVNJ 30.98 19 ePc 13 11.09 -0.3
JFWS 31.04 356 ePd 13 10.68 -1.2
0.6s 23.09nm 5.2mb
DLA 31.34 9 P 13 12.80 -1.7
TBR 31.45 20 eP 13 15.06 -0.5
LDN 31.57 9 P 13 14.60 -2.0
ELF 31.70 9 P 13 15.60 -2.1
TYNO 31.85 11 P 13 19.50 0.5
GOL 31.91 334 P 13 30.00 10.1X
Z 20s 7.70um 5.4Msz
STCO 32.09 12 P 13 21.54 0.5
ACTO 32.31 10 P 13 22.66 -0.4
ARE 32.31 150 eP 13 15.00 -8.6X
GLA 32.68 315 ePd 13 26.65 0.2
e 13 35.23
WLVO 32.93 12 P 13 27.93 -0.5
HRV 33.58 22 P 13 40.00 5.9X
Z 23s 13.36um 5.6Msz
ZOBO 33.93 145 iPc 13 37.90 -0.2
1.9s 85.60nm 5.4mb
SRU 33.95 327 ePc 13 36.94 -0.7
pP 13 44.06 24km
PLM 34.28 313 eP 13 42.02 1.5
MSU 34.43 325 ePc 13 41.53 -0.3
pP 13 48.83 25km
PcP 16 17.64
RSNY 34.46 17 eP 13 40.72 -1.0
1.3s 158.05nm 5.8mb
Z 21s 7.79um 5.4Msz
PEC 34.78 314 (P) 13 45.24 0.6
2.1s 74.15nm 5.2mb
RSSD 35.15 339 ePc 13 47.45 -0.4
0.8s 25.55nm 5.2mb
Z 20s 6.61um 5.4Msz
PcP 16 21.59
DAU 35.29 328 ePc 13 48.96 -0.2
pP 13 55.19 21km
EEO 35.42 10 eP 13 50.50 0.6
BNH 35.51 20 (P) 13 50.29 -0.4
TPNV 35.89 319 (P) 13 57.23 3.1X
0.9s 15.60nm 4.9mb
DUG 35.96 326 (P) 13 54.95 0.3
1.4s 46.08nm 5.2mb
HVU 37.07 328 ePc 14 03.78 -0.2
pP 14 10.25 22km
BCH 37.51 314 (P) 14 06.44 -1.3
iPcP 16 34.23
PTI 37.66 330 (P) 14 09.76 0.8
pP 14 15.85 21km
BONR 37.80 319 eP 14 11.42 1.1
HHA1 37.98 330 ePc 14 11.67 0.1
pP 14 18.14 22km
sP 14 24.10
PHAM 38.06 314 eP 14 13.55 1.3
CBM 38.64 21 eP 14 17.55 0.6
ULM 38.90 352 ePc 14 18.20 -0.8
LMN 39.04 25 eP 14 21.50 1.2
39.93 333 ePc 14 27.50 -0.5
e 14 34.10
ORV 40.77 319 eP 14 35.88 1.2
pP 14 44.08 28km
LBFM 42.01 321 eP 14 45.16 0.1
pP 14 51.93 23km
sP 14 57.48
JAO 42.90 10 ePc 14 50.00 -2.0
SES 42.99 338 eP 14 52.00 -0.8
1.4s 153.00nm 5.5mb
FHC 43.04 319 (P) 14 54.74 1.4
0.1s 50.32nm 6.2mb X
pP 15 02.49 26km
sP 15 07.62
VGB 43.86 326 (P) 15 01.43 1.5
pP 15 08.70 24km
DPW 44.11 330 eP 15 00.57 -1.3
pP 15 07.11 22km
(PcP) 16 47.22
SHW 45.08 326 (P) 15 10.27 0.4

LON 45.20 327 ePc 15 09.48 -1.2
pP 15 16.87 25km
PcP 16 50.52
RMW 45.65 328 (P) 15 15.48 1.2
PcP 16 52.25
BMW 45.80 326 (P) 15 14.18 -1.3
pP 15 20.63 22km
iPcP 16 54.03
GMW 46.22 327 eP 15 16.90 -1.8
MCW 46.96 328 eP 15 24.24 -0.3
pP 15 30.55 21km
FCC 47.08 355 eP 15 26.50 1.3
PGC 47.26 328 eP 15 31.50 4.7X
BAO 47.76 124 Pd 15 31.00 -0.3
e 15 37.80
e 15 42.20
e 16 22.90
e 17 09.10
PPD 48.98 133 eP 15 38.70 -1.9
VAO 52.73 131 eP 16 09.40 0.2
ITR 52.98 111 eP 16 12.30 1.2
YKA 54.16 345 eP 16 17.10 -1.9
1.1s 20.50nm 5.1mb
BALM 63.06 334 (P) 17 20.47 -0.8
KLU 64.82 333 ePc 17 30.76 -2.0
pP 17 37.54 22km
PMR 66.29 333 eP 17 44.10 2.1
1.4s 47.35nm 5.4mb
Z 18s 4.70um 5.7Msz
MBC 66.60 352 ePc 17 41.50 -2.3
0.9s 21.00nm 5.3mb
FBA 66.93 336 ePc 17 43.74 -2.3
1.2s 18.08nm 5.1mb
pP 17 49.83 20km
MAL 77.58 55 iPc 18 54.50 4.8X
ADK 80.24 321 (P) 19 04.09 0.2
1.2s 104.17nm 5.7mb
LIC 81.48 85 P 19 11.20 0.1
KIC 81.73 85 P 19 13.00 0.5
NB2 83.95 29 P 19 21.80 -1.2
1.0s 5.90nm 4.8mb
APO 85.37 29 eP 19 30.40 0.3
0.6s 2.80nm 4.7mb
MOX 86.69 39 eP 19 44.40 7.5X
1.6s 25.00nm 5.2mb
CLL 87.37 38 eP 19 47.00 6.9X
1.7s 26.00nm 5.2mb
BRG 88.06 38 eP 19 43.20 -0.2
2.0s 22.00nm 5.1mb
e 20 09.00
GEC2 88.48 40 eP 19 43.40 -2.2
0.7s 1.21nm 4.3mb
e 19 47.50
e 19 50.40
e 19 54.40
ZST 90.83 40 eP 19 57.00 0.5
MLR 97.46 41 eP 20 29.00 1.9
MAIO 122.93 32 ePKP 25 51.00 0.9
BJI 123.87 338 ePKP 25 53.00 1.4
WMO 124.44 4 ePKP 25 53.10 0.3
HHC 124.66 342 ePKP 25 53.80 0.5
TIY 127.25 340 ePKP 25 57.80 -0.6
GTA 128.55 353 ePKP 26 01.00 0.1
SSE 129.15 328 PKPd 26 07.50 5.4X
STK 130.67 238 ePKP 26 06.00 1.0
0.7s 2.40nm
LZH 131.12 348 ePKP 26 07.00 1.1
XAN 131.75 342 ePKP 26 07.30 0.3
WHN 132.87 334 ePKP 26 11.20 2.1X
CD2 136.12 346 ePKP 26 16.10 0.7
NDI 137.11 20 ePKP 26 18.00 0.7
ASPA 138.93 248 ePKP 26 19.30 -1.5
1.5s 9.00nm
WB2 138.97 253 iPKPd 26 21.10 0.1
0.5s 8.30nm
GYA 139.49 340 PKP 26 19.60 -2.3X
GKN 139.68 11 PKP 26 22.00 -0.2
GUN 139.98 9 PKP 26 23.00 0.0
KKN 140.00 10 PKP 26 22.40 -0.5
DMN 140.15 10 PKP 26 23.00 -0.2
PKI 140.23 10 PKP 26 22.80 -0.7
KMI 141.90 345 ePKP 26 26.00 -0.4
pPKP 26 33.00
CGP 142.10 301 ePKP 26 27.00 0.3
1.0s 38.00nm
QIZ 144.84 331 PKPd 26 30.20 -1.0
PPR 146.16 308 ePKPd 26 36.00 2.4X

HYB 147.86 25 ePKP 26 36.00 -0.3
 CHG 148.87 348 ePKP 26 38.30 0.5
 2.0s 441.18nm
 BDT 150.38 347 ePKP 26 42.50 2.4X
 1.0s 165.60nm
 KKM 150.40 306 ePKP 26 48.00 7.6X
 GBA 150.67 31 PKP 26 41.00 0.4
 NST 151.62 344 ePKP 26 49.00 7.0X
 SNG 159.42 336 ePKP 26 57.90 5.7X
 TRT 159.66 280 ePKP 27 01.88 9.4X
 eSg 27 33.59

S.D. = 1.1 on 113 of 132 obs.

SEP 02, 1992 02h 12m 35.08±0.34s
 35.858 N ± 5.3km 80.859 E ± 6.8km
 DEPTH = 10.0km (geophysicist)
 4.6mb (13 obs.)

KASHMIR-XIZANG BORDER REGION (304)

KSH 5.28 314 Pn 13 58.60 2.6
 Sn 15 02.00
 NDI 7.79 204 eP 14 33.00 1.8
 0.5s 35.21nm 5.8mb X
 eS 16 00.00
 GKN 8.46 157 P 14 40.00 -0.8
 KKN 8.88 154 P 14 45.60 -0.9
 DMN 8.98 155 P 14 47.00 -1.0
 GUN 9.00 150 P 14 49.20 0.9
 PKI 9.12 154 P 14 48.80 -1.2
 WMO 9.53 31 P 14 54.50 -0.9
 sP 15 06.00
 eS 16 42.00

GTA 15.43 71 eP 16 22.50 8.0X
 1.0s 14.00nm 4.2mb
 MAIO 17.28 278 eP 16 33.00 -5.0X
 HYB 18.48 187 eP 16 53.00 0.0
 LZH 18.60 83 eP 16 56.00 1.5
 1.2s 26.00nm 4.3mb
 CD2 19.73 98 eP 17 14.00 6.1X
 GBA 22.37 189 P 17 36.00 1.1
 BTO 23.34 69 eP 17 48.60 4.3X
 GYA 23.93 106 P 17 51.20 1.0
 TIY 25.30 76 eP 18 06.50 3.2X
 OBN 35.75 317 eP 19 35.00 -0.7
 e 20 06.00
 e 24 28.00

KAF 42.59 326 eP 20 37.00 4.5X
 OJC 45.62 308 eP 20 57.50 0.4
 HFS 48.50 322 eP 21 19.00 -0.6
 0.4s 3.50nm 4.8mb
 PRU 49.00 308 eP 21 24.00 0.4
 GEC2 49.75 307 eP 21 29.50 0.0
 0.8s 2.36nm 4.2mb
 e 21 33.30
 e 21 37.10

KHC 49.77 307 eP 21 30.00 0.4
 CDF 53.99 308 eP 22 01.10 -0.3
 BSF 54.47 307 eP 22 04.40 -0.5
 1.0s 6.80nm 4.6mb

LPG 55.18 305 eP 22 10.30 -0.1
 LPL 55.19 305 eP 22 10.20 -0.2
 0.6s 4.70nm 4.7mb
 LOR 56.53 307 eP 22 18.60 -1.2
 0.8s 3.35nm 4.4mb

SSF 56.82 307 eP 22 20.30 -1.6
 0.8s 5.10nm 4.6mb
 AVF 57.01 307 eP 22 22.50 -0.7
 0.9s 4.40nm 4.5mb

EKA 58.20 318 P 22 32.00 0.6
 2.3s 118.80nm 5.5mb
 BCAA 65.10 257 iPd 23 17.30 -1.1
 1.0s 8.00nm 4.9mb

MBC 67.43 5 eP 23 32.50 0.1
 0.8s 3.00nm 4.5mb
 WB2 75.11 129 eP 24 20.30 1.1
 0.8s 5.30nm 4.6mb

S.D. = 1.0 on 29 of 35 obs.

* SEP 02, 1992 02h 15m 59.78±1.40s
 11.724 N ± 19.3km 87.940 W ± 20.2km
 DEPTH = 10.0km (geophysicist)
 4.3mb (4 obs.)

NEAR COAST OF NICARAGUA (74)

SJS 4.21 115 eP 17 06.40 0.8
 eSg 17 49.28
 LCR2 4.34 117 eP 17 06.93 -0.6

QCR 4.36 121 iP 17 06.52 -1.0
 ICR 4.39 113 eP 17 09.35 0.9
 UYO 23.12 346 iPd 21 06.70 -0.3
 JSC 23.26 14 eP 21 09.23 0.9
 LHS 23.57 15 eP 21 11.75 0.5
 TKL 24.12 8 eP 21 16.31 -0.4
 OCO 25.22 342 iPd 21 27.30 0.0
 BLA 26.26 14 eP 21 37.40 0.3
 1.0s 10.00nm 4.5mb
 RSSD 35.14 340 eP 22 55.00 -0.8
 0.8s 5.01nm 4.4mb

BW06 36.19 333 eP 23 07.00 2.2
 1.0s 3.50nm 4.2mb

ULM 38.96 352 eP 23 26.00 -1.7
 LMN 39.30 26 eP 23 31.50 1.0
 LRM 39.87 333 eP 23 35.40 -0.2
 JAQ 43.09 11 eP 23 59.00 -2.6
 BAO 47.98 124 e(P) 24 45.00 3.7X
 PPD 49.16 133 (P) 24 55.00 4.9X
 YKA 54.18 345 eP 25 28.50 1.2
 0.8s 2.10nm 4.2mb

S.D. = 1.2 on 17 of 19 obs.

* SEP 02, 1992 03h 02m 19.65±0.81s
 11.431 N ± 12.2km 86.925 W ± 11.4km
 DEPTH = 10.0km (geophysicist)
 4.4mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.91 304 (P) 05 39.50 0.2
 SGS 22.44 14 eP 07 23.42 3.2X
 JSC 23.32 12 eP 07 30.37 1.6
 PWLA 23.46 358 eP 07 30.35 0.2
 LHS 23.61 13 ePc 07 32.65 1.1
 IIT 24.25 5 iPc 07 38.99 1.2
 GBTN 24.29 6 iPc 07 39.13 0.9
 TKL 25.36 15 eP 07 49.18 0.7
 CEH 0.6s 10.63nm 4.7mb

ELC 25.83 356 iPd 07 51.59 -1.2
 SRU 34.64 327 eP 09 10.82 -0.7
 RSNY 34.68 16 iP 09 10.91 -0.6
 0.9s 8.78nm 4.6mb

PLM 35.03 313 (P) 09 16.00 1.1
 MSU 35.14 324 ePc 09 16.80 1.0
 pP 09 25.54 29kmX
 EMUT 35.31 327 eP 09 17.49 0.2
 EEO 35.72 9 ePd 09 20.50 0.2
 RSSD 35.76 339 (P) 09 21.20 0.2

0.7s 3.15nm 4.3mb
 DAU 35.98 328 ePd 09 22.98 0.0
 BW06 36.92 332 eP 09 29.29 -1.5
 1.0s 4.33nm 4.2mb

SIV 37.38 136 eP 09 36.00 1.4
 HVU 37.76 328 eP 09 38.32 0.6
 BONR 38.53 319 (P) 09 45.68 1.2
 HHA1 38.66 330 (P) 09 45.56 0.3
 ULM 39.40 351 ePd 09 50.50 -0.7

LRM 40.58 332 eP 10 00.30 -1.0
 JAQ 43.20 10 eP 10 20.00 -2.3
 BAO 47.00 124 Pd 10 52.10 -1.2
 YKA 54.72 345 eP 11 48.70 -2.5
 0.8s 2.50nm 4.3mb

WB2 139.46 253 ePKP 21 53.00 3.0X
 0.6s 3.70nm 4.3mb

S.D. = 1.2 on 26 of 28 obs.

* SEP 02, 1992 03h 09m 42.13±1.14s
 11.488 N ± 15.6km 87.219 W ± 11.7km
 DEPTH = 10.0km (geophysicist)
 4.4mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.64 305 (P) 12 59.50 1.2
 JSC 23.33 13 eP 14 52.64 1.3
 PWLA 23.40 358 eP 14 52.19 0.2
 LHS 23.62 13 eP 14 54.08 -0.1
 GBTN 24.22 6 ePc 15 01.14 1.1
 TKL 24.26 7 eP 15 01.55 1.1
 CEH 25.38 16 eP 15 12.24 1.1
 0.7s 7.03nm 4.5mb

MEO 25.39 338 iPc 15 11.50 0.2
 ELC 25.75 356 eP 15 13.67 -0.9
 ACO 27.31 339 iPd 15 27.50 -1.5
 CBN 28.02 17 eP 15 36.00 0.6
 LVNJ 31.20 18 eP 16 03.69 0.0
 SRU 34.44 327 eP 16 31.77 -0.5
 RSNY 34.70 16 eP 16 33.59 -0.6

1.0s 11.00nm 4.7mb
 ARUT 35.17 323 (P) 16 39.50 1.0
 RSSD 35.60 339 eP 16 42.20 0.0
 0.7s 2.94nm 4.3mb
 EEO 35.71 10 eP 16 43.50 0.7
 BW06 36.73 332 eP 16 51.59 -0.1
 0.9s 1.13nm 3.7mb
 ULM 39.30 351 eP 17 12.50 -0.3
 LRM 40.40 333 eP 17 22.80 0.5
 e 17 55.50

JAQ 43.19 10 eP 17 42.00 -2.8
 BAO 47.27 124 e(P) 18 18.50 0.6
 e 18 47.60

YKA 54.59 345 eP 19 10.80 -1.9
 0.6s 1.40nm 4.2mb
 MBC 67.00 352 eP 20 36.00 -0.9
 1.0s 4.00nm 4.6mb
 pP 21 07.50 128kmX

S.D. = 1.1 on 24 of 24 obs.

SEP 02, 1992 03h 10m 16.32±0.67s
 11.621 N ± 10.0km 87.123 W ± 7.9km
 DEPTH = 10.0km (geophysicist)
 4.5mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

SJS 3.45 119 eP 11 16.84 5.5X
 LCR2 3.59 121 ePc 11 12.51 -0.9
 ICR 3.62 116 eP 11 14.30 0.2
 QCR 3.64 127 ePd 11 14.72 0.9
 TPX 5.97 304 (P) 12 07.22 20.3X
 PBJ 9.35 302 (P) 12 32.50 -1.7
 IISM 12.30 308 iP 13 14.50 0.0
 IIT 13.05 306 (P) 13 28.90 4.1X
 IIA 13.40 305 (P) 13 33.22 4.1X
 III 13.68 301 (P) 13 35.00 1.9
 MRX 15.74 302 (P) 14 04.78 5.0X

HBF 22.10 15 (P) 15 14.72 1.3
 SGS 22.31 15 (P) 15 16.39 0.9
 JSC 23.18 12 eP 15 25.21 1.1
 PWLA 23.27 358 eP 15 25.19 0.2

LHS 23.47 13 eP 15 27.24 0.3
 GBTN 24.08 6 ePd 15 34.32 1.5
 TKL 24.12 7 eP 15 34.55 1.3
 CEH 25.23 15 eP 15 43.99 0.1
 0.6s 21.32nm 5.0mb

FNO 25.31 340 iPc 15 44.40 -0.3
 ELC 25.62 356 eP 15 46.56 -1.0
 CBN 27.87 17 eP 16 08.00 -0.2
 LVNJ 31.04 18 eP 16 35.75 -0.8

SRU 34.38 327 eP 17 04.99 -0.9
 RSNY 34.55 16 eP 17 05.55 -1.5
 1.0s 32.40nm 5.2mb

ARUT 35.12 322 eP 17 11.73 -0.6
 e 17 24.10

RSSD 35.51 339 eP 17 16.49 0.9
 0.5s 3.54nm 4.5mb
 EEO 35.56 10 eP 17 16.00 0.3

DAU 35.71 328 eP 17 16.96 -0.5
 DUG 36.39 326 eP 17 22.64 -0.3
 0.9s 3.10nm 4.1mb
 BW06 36.66 332 eP 17 24.10 -1.2
 1.0s 5.67nm 4.3mb

HVU 37.49 328 eP 17 32.88 0.7
 LMN 39.05 25 eP 17 45.50 0.5
 ULM 39.18 351 eP 17 45.00 -1.1

ARN 40.09 316 eP 17 55.11 1.3
 ORV 41.23 319 eP 18 04.63 1.6
 JAQ 43.04 10 eP 18 15.00 -2.8

RMW 46.07 328 (P) 18 43.47 1.2
 PPD 48.50 134 (P) 18 57.00 -4.6X
 YKA 54.49 345 eP 19 43.80 -2.4
 0.7s 2.80nm 4.4mb

WB2 139.33 253 ePKP 29 43.80 -2.7X
 0.5s 5.90nm 4.3mb
 e 33 03.30

GBA 150.63 32 PKP 30 09.00 3.6X
 BDT 150.69 348 ePKP 30 10.00 4.6X
 1.0s 62.10nm

S.D. = 1.2 on 34 of 43 obs.

* SEP 02, 1992 03h 14m 23.87±0.99s
 27.804 N ± 9.5km 103.023 E ± 14.5km
 DEPTH = 10.0km (geophysicist)
 4.2mb (4 obs.)
 YUNNAN, CHINA (318)
 ML 4.2 (BJI).

02d 03h

KMI 2.68 186 Pgc 15 14.50 6.4X
Sg 15 50.00
CD2 3.16 12 ePn 15 16.40 1.8
Pg 15 21.20
Sg 16 00.00
GYA 3.51 112 iPd 15 26.00 6.3X
Sg 16 14.00
XAN 8.02 38 Pn 16 22.00 -1.2
Pg 16 49.50
LZH 8.29 5 eP 16 28.50 1.4
2.0s 34.00nm 5.3mb X
CHG 9.70 204 eP 16 51.00 4.5X
WHN 10.27 72 eP 16 57.00 2.7X
0.7s 20.00nm 5.6mb X
sP 17 05.50
S 18 45.00
GZH 10.44 114 eP 16 56.60 0.0
TIY 12.65 36 eP 17 25.00 -1.7
BJI 16.35 38 eP 18 15.50 0.5
1.0s 18.00nm 4.2mb
WB2 56.32 144 iPd 24 07.90 0.5
0.4s 9.00nm 5.2mb X
ASPA 59.21 147 iPd 24 28.50 0.8
0.5s 6.30nm 5.0mb
HFS 65.99 327 eP 25 11.40 -0.9
0.5s 1.20nm 4.3mb
GEC2 69.19 315 eP 25 31.60 -1.2
0.6s 0.57nm 3.9mb

S.D. = 1.4 on 10 of 14 obs.

? SEP 02, 1992 03h 18m 26.42±3.64s
11.075 N ±47.9km 86.937 W ±15.7km
DEPTH = 10.0km (geophysicist)
4.6mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 14.10 305 (P) 21 49.50 0.9
SGS 22.79 14 eP 23 33.03 2.6X
JSC 23.67 12 eP 23 39.29 0.3
PWLA 23.82 358 eP 23 40.12 -0.3
LHS 23.96 13 eP 23 43.62 1.9
GBTN 24.61 5 eP 23 48.69 0.6
TKL 24.64 6 eP 23 49.41 1.0
CEH 25.71 15 eP 23 58.59 0.1
0.6s 11.35nm 4.7mb
FNO 25.89 340 iPd 23 59.10 -1.1
ELC 26.18 356 eP 24 01.08 -1.8
CBN 28.34 16 eP 24 23.00 0.5
JFWS 31.85 355 eP 24 52.27 -1.5
0.6s 14.80nm 5.1mb
SRU 34.94 327 (P) 25 20.64 -0.1
PLM 35.26 314 (P) 25 25.06 1.4
MSU 35.42 325 eP 25 25.24 0.3
ARUT 35.67 323 (P) 25 26.61 -0.4
EEO 36.07 9 eP 25 30.50 0.4
RSSD 36.09 339 eP 25 30.64 0.1
0.5s 4.03nm 4.5mb
DAU 36.27 328 eP 25 32.82 0.6
BW06 37.22 332 eP 25 40.00 -0.1
0.7s 2.24nm 4.0mb
LMN 39.46 24 eP 26 00.50 1.9
ULM 39.75 351 eP 26 00.50 -0.4
LRM 40.89 333 eP 26 11.30 0.7
ePcP 28 14.10
JAO 43.55 10 eP 26 29.50 -2.4
YKA 55.06 345 eP 27 58.90 -1.6
1.0s 5.00nm 4.5mb
MBC 67.44 352 eP 29 23.00 -1.0
GBA 150.99 33 PKP 38 23.00 7.0X

S.D. = 1.1 on 25 of 27 obs.

SEP 02, 1992 03h 38m 07.77±0.42s
11.659 N ±7.0km 87.771 W ±5.2km
DEPTH = 10.0km (geophysicist)
5.0mb (18 obs.) 4.8Msz (9 obs.)

NEAR COAST OF NICARAGUA (74)

TPX 5.43 307 (P) 39 38.17 7.4X
PBJ 8.80 304 (P) 40 14.00 -4.0X
IISM 11.78 309 (P) 40 57.67 -1.3
IIT 12.52 307 (P) 41 10.83 1.7
PPM 12.79 306 (P) 41 15.02 1.9
ACX 12.81 295 (P) 41 14.18 1.4
TPM 13.10 305 (P) 41 15.50 -1.2
III 13.12 302 (P) 41 17.00 -0.1
MRX 15.19 303 (P) 41 46.71 2.6
COLM 17.06 298 (P) 42 09.50 1.3

HBF 22.24 17 (P) 43 07.47 1.2
SGS 22.44 16 eP 43 10.32 2.0
PRM 22.86 12 eP 43 12.74 0.3
PWLA 23.22 359 eP 43 15.21 -0.7
JSC 23.29 14 eP 43 17.34 0.8
LHS 23.59 14 eP 43 20.32 0.8
OLY 23.97 353 eP 43 22.87 -0.4
GBTN 24.12 7 eP 43 25.02 0.4
TKL 24.17 8 eP 43 24.70 -0.4
FKO 25.07 341 iPd 43 33.40 -0.4
FNO 25.07 341 iPc 43 34.40 0.6
OCO 25.34 341 iPc 43 37.90 1.5
CEH 25.37 17 eP 43 36.12 -0.6
0.6s 60.13nm 5.5mb
Z 20s 1.88um 4.6Msz
ELC 25.55 357 eP 43 36.86 -1.5
NAV 26.31 13 eP 43 45.33 -0.1
FVM 26.32 355 eP 43 45.01 -0.5
0.4s 18.91nm 5.1mb
SLM 26.95 356 P 44 00.00 8.7X
Z 19s 1.51um 4.6Msz
CBN 28.02 18 eP 44 03.00 2.0
MCWV 28.76 13 P 44 20.00 12.3X
Z 19s 2.06um 4.8Msz
LVNJ 31.21 19 eP 44 29.04 -0.4
eP 44 40.33 42kmX
JFWS 31.21 356 eP 44 28.94 -0.5
0.4s 11.24nm 5.1mb
GOL 31.99 334 P 44 50.00 13.3X
Z 20s 2.79um 4.9Msz
GLA 32.68 315 eP 44 42.50 0.0
ZOBO 33.89 145 P 45 06.00 12.2X
i 47 34.30
SRU 34.00 327 eP 44 52.68 -1.4
PLM 34.27 314 eP 44 57.52 1.0
MSU 34.47 325 eP 44 58.66 0.4
EMUT 34.67 328 eP 44 59.15 -0.8
RSNY 34.69 17 eP 44 59.15 -0.6
0.9s 28.59nm 5.2mb
Z 20s 1.11um 4.6Msz
epP 45 09.41 36kmX
ARUT 34.71 323 eP 45 00.48 0.3
PEC 34.77 314 eP 44 59.85 -0.7
1.3s 15.86nm 4.7mb
RSSD 35.25 340 eP 45 04.69 -0.1
0.6s 7.68nm 4.7mb
Z 22s 1.98um 4.8Msz
DAU 35.34 328 eP 45 04.39 -1.4
EEO 35.64 10 eP 45 09.50 1.7
TPNV 35.90 319 P 45 20.00 9.6X
Z 22s 3.03um 5.0MszX
CCH 35.91 143 eP 45 10.00 -0.7
HVU 37.13 328 eP 45 21.44 0.9
TNP 37.20 320 eP 45 21.31 0.0
0.9s 9.22nm 4.6mb
BCH 37.50 314 eP 45 23.71 0.0
BONR 37.81 319 eP 45 26.86 0.3
PHAM 38.05 315 eP 45 28.30 0.0
ULM 39.05 352 eP 45 35.00 -1.4
LMN 39.28 26 eP 45 39.50 1.1
ARN 39.62 316 eP 45 40.01 -1.3
LRM 40.00 333 eP 45 44.00 -0.7
ePcP 47 52.00
ORV 40.78 319 eP 45 51.43 0.6
FHC 43.05 319 eP 46 10.82 1.3
1.0s 103.32nm 5.5mb
SES 43.09 338 eP 46 08.00 -1.7
JAO 43.12 10 eP 46 09.00 -0.8
RMW 45.70 328 eP 46 30.31 -0.5
GMW 46.27 327 eP 46 34.21 -1.0
BAO 47.81 124 e(P) 46 48.00 0.1
e 46 52.50
e 47 01.90
e 47 16.50

PPD 48.99 133 eP 46 56.60 -0.2
ITR 53.10 110 eP 47 28.80 0.7
YKA 54.29 345 eP 47 35.00 -1.1
1.0s 14.10nm 4.9mb
SIT 58.03 332 P 48 10.00 7.0X
Z 19s 1.80um 5.2Msz
KLU 64.90 333 eP 48 48.03 -1.4
ePcP 49 22.77
PMR 66.37 333 P 49 10.00 11.3X
Z 20s 0.92um 5.0Msz
MBC 66.75 352 ePc 49 00.50 -0.5
1.0s 13.00nm 5.1mb
FBA 67.02 336 eP 49 00.38 -2.5

0.6s 3.35nm 4.7mb
HON 67.57 288 P 49 20.00 13.0X
Z 19s 0.93um 5.0Msz
CRP 67.64 332 eP 49 06.73 -0.3
REF 67.67 331 eP 49 07.39 0.2
CPKM 67.67 332 eP 49 05.35 -1.9
SVW 69.21 331 eP 49 15.90 -0.7
1.0s 29.28nm 5.4mb
ADK 80.27 321 eP 50 19.69 -0.5
1.0s 79.38nm 5.7mb
TIC 81.61 85 P 50 28.96 0.9
0.9s 6.00nm 4.7mb
LIC 81.68 85 P 50 28.66 0.2
1.1s 17.00nm 5.0mb
KIC 81.94 85 P 50 30.68 0.9
0.9s 10.00nm 4.9mb
NB2 84.21 29 P 50 41.40 0.8
0.9s 3.20nm 4.6mb
GEC2 88.74 40 eP 51 02.30 -0.8
0.7s 0.76nm 4.1mb
e 51 12.40
LZH 131.26 347 ePKP 57 24.00 1.5
2.0s 34.00nm
WB2 138.73 253 ePKP 57 36.20 -0.7
0.9s 3.70nm
e 00 27.50
HYB 148.11 25 ePKP 57 57.10 4.1X
CHG 149.01 348 ePKP 57 55.00 0.6
BDT 150.51 347 ePKP 58 03.00 6.4X
1.0s 62.10nm
GBA 150.93 31 PKP 58 01.00 3.7X
NST 151.74 344 ePKP 58 06.50 8.0X
KOD 153.76 35 ePKP 58 11.20 9.4X

S.D. = 1.1 on 74 of 89 obs.

* SEP 02, 1992 03h 40m 51.15±1.15s
10.567 N ±15.4km 86.329 W ±11.0km
DEPTH = 10.0km (geophysicist)
4.9mb (4 obs.)

OFF COAST OF COSTA RICA (77)

TPM 14.88 306 (P) 44 23.00 -0.6
HBF 22.92 13 eP 45 57.31 0.9
SGS 23.15 12 (P) 46 00.50 1.9
JSC 24.05 10 eP 46 07.97 0.6
epP 46 15.67 27kmX
LHS 24.33 11 eP 46 10.60 0.5
PWLA 24.35 357 eP 46 09.94 -0.4
GBTN 25.06 4 eP 46 16.70 -0.4
TKL 25.09 5 eP 46 17.37 0.0
OLY 25.26 350 eP 46 16.53 -2.5
CEH 26.05 13 eP 46 26.25 -0.2
0.7s 27.33nm 5.1mb
ELC 26.73 355 (P) 46 32.93 0.3
NAV 27.10 10 eP 46 35.15 -0.9
CBN 28.67 15 eP 46 51.00 0.8
LVNJ 31.81 17 eP 47 17.96 -0.1
epP 47 24.95 24kmX
JFWS 32.41 355 eP 47 20.62 -2.7
0.9s 42.78nm 5.4mb
RSNY 35.36 15 eP 47 47.98 -0.8
0.8s 10.17nm 4.7mb
epP 47 55.29 25kmX
SRU 35.68 327 eP 47 51.44 -0.4
PLM 36.04 314 eP 47 56.04 1.0
EEO 36.48 8 eP 47 58.50 0.3
DAU 37.01 328 (P) 48 03.45 0.2
BW06 37.95 332 eP 48 09.50 -1.4
1.0s 5.50nm 4.3mb
HVU 38.79 328 (P) 48 18.65 0.7
LMN 39.68 24 eP 48 26.50 1.4
PHAM 39.82 315 (P) 48 28.01 1.6
ORV 42.53 319 eP 48 49.78 1.2
BAO 46.03 124 e(P) 49 16.50 -0.7
e 49 27.80
GBA 151.08 34 PKP 00 49.00 8.1X
S.D. = 1.2 on 26 of 27 obs.

* SEP 02, 1992 03h 44m 53.19±0.64s
11.494 N ±10.1km 87.336 W ±10.2km
DEPTH = 10.0km (geophysicist)
4.4mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

PBJ 9.25 303 (P) 47 09.00 -0.6
TPM 13.54 305 (P) 48 08.00 0.0
III 13.57 302 (P) 48 10.50 2.0

GBTN 24.23 6 eP 50 11.98 0.8
 CEH 25.41 16 eP 50 23.31 0.8
 0.6s 18.64nm 5.0mb
 CBN 28.05 17 eP 50 48.00 1.3
 ZOBO 33.51 145 P 51 36.00 0.1
 RSNY 34.73 16 eP 51 44.74 -0.8
 0.8s 9.94nm 4.8mb
 CCH 35.52 144 eP 51 53.00 0.2
 RSSD 35.56 339 eP 51 53.29 0.5
 1.0s 4.88nm 4.3mb
 EEO 35.72 10 eP 51 54.50 0.6
 BW06 36.67 332 eP 52 01.39 -0.9
 0.7s 2.24nm 4.1mb
 LMN 39.25 25 ePd 52 24.70 1.1
 ULM 39.28 351 eP 52 23.00 -0.7
 JAO 43.21 10 eP 52 54.00 -1.9
 BAO 47.37 124 Pd 53 29.80 0.0
 e 53 30.50
 e 53 31.20
 e 53 39.20
 e 53 41.80
 e 53 42.80
 YKA 54.56 345 eP 54 21.10 -2.4
 0.8s 2.00nm 4.2mb
 WB2 139.09 253 iPKPc 04 22.80 -0.1
 0.7s 5.00nm
 GBA 150.85 32 PKP 04 48.00 5.4X
 KOD 153.65 36 ePKP 04 55.70 8.6X
 S.D. = 1.2 on 18 of 20 obs.

SEP 02, 1992 03h 53m 47.44 ± 0.64s
 12.056 N ± 9.4km 87.756 W ± 6.8km
 DEPTH = 10.0km (geophysicist)
 4.8mb (8 obs.)

NEAR COAST OF NICARAGUA (74)

TPX 5.22 303 (P) 55 11.87 4.5X
 IISM 11.55 308 (P) 56 37.60 2.2
 IIT 12.30 306 (P) 56 47.65 1.8
 PPM 12.58 305 (P) 56 51.70 1.9
 IIA 12.65 305 (P) 56 51.44 1.2
 ACX 12.66 294 (P) 56 49.65 -0.8
 TPM 12.88 304 (P) 56 52.00 -1.6
 ILL 12.93 301 (P) 56 55.40 1.2
 MRX 14.99 302 (P) 57 22.89 1.8
 COLM 16.89 297 (P) 57 47.50 1.7
 HBF 21.85 17 eP 58 44.76 2.7X
 SGS 22.06 16 eP 58 46.02 1.9
 PWLA 22.82 359 eP 58 51.77 0.0
 JSC 22.90 14 eP 58 54.12 1.6
 LHS 23.20 15 eP 58 56.88 1.5
 OLY 23.58 352 eP 58 58.95 -0.2
 TKL 23.77 8 ePc 59 02.40 1.4
 MEO 24.67 338 iPc 59 08.50 -1.2
 FKO 24.70 341 iPc 59 09.90 -0.1
 FNO 24.70 341 iPc 59 09.80 -0.2
 OCO 24.97 341 iPc 59 13.40 0.8
 CEH 24.99 17 eP 59 13.80 1.1
 0.8s 49.26nm 5.2mb
 ELC 25.16 357 eP 59 13.43 -0.9
 NAV 25.92 13 eP 59 21.94 0.4
 FVM 25.93 355 eP 59 20.03 -1.5
 0.5s 9.46nm 4.7mb
 ACO 26.59 339 iPc 59 26.90 -0.8
 CBN 27.64 18 eP 59 39.00 1.8
 LVNJ 30.84 19 eP 00 05.92 0.1
 GOL 31.64 334 eP 00 12.87 -0.4
 1.0s 17.64nm 4.9mb
 SRU 33.68 327 eP 00 29.68 -1.3
 ZOBO 34.20 145 P 00 36.10 -0.1
 RSNY 34.31 17 eP 00 35.64 -0.5
 0.9s 23.72nm 5.1mb
 EMUT 34.35 328 eP 00 36.04 -0.8
 ARUT 34.40 323 eP 00 35.41 -1.8
 RSSD 34.89 339 eP 00 41.04 -0.3
 0.7s 6.11nm 4.6mb
 DAU 35.02 328 eP 00 42.52 -0.1
 EEO 35.25 10 eP 00 45.00 0.9
 BW06 35.99 332 ePc 00 49.29 -1.4
 2.0s 37.85nm 4.9mb
 CCH 36.21 143 eP 00 54.00 1.0
 HVU 36.80 328 (P) 00 55.48 -2.0
 BONR 37.53 319 eP 01 03.09 -0.7
 HHA 37.71 330 eP 01 04.84 -0.3
 ULM 38.66 352 eP 01 12.50 -0.3
 LMN 38.92 26 ePd 01 16.50 1.4
 LRM 39.66 333 eP 01 21.00 -0.5

JAO 42.73 11 eP 01 45.00 -1.3
 SES 42.73 338 ePc 01 45.00 -1.4
 LON 44.93 327 (P) 02 02.56 -1.8
 GMW 45.95 327 (P) 02 11.60 -0.7
 BAO 48.02 124 e(P) 02 28.80 -0.4
 e 03 01.30
 PPD 49.25 133 eP 02 44.20 5.7X
 YKA 53.91 345 eP 03 10.80 -2.2
 1.2s 7.10nm 4.6mb
 MBC 66.37 352 ePd 04 36.50 -1.7
 1.0s 7.00nm 4.8mb
 HYB 147.74 25 ePKP 13 33.50 1.4
 GBA 150.58 30 PKP 13 42.20 5.8X
 S.D. = 1.3 on 51 of 55 obs.

? SEP 02, 1992 03h 59m 39.48 ± 7.07s
 32.370 S ± 47.1km 71.707 W ± 35.7km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.8 (SAN).

ROCH 0.84 136 iPd 59 54.36 -0.7
 JACH 0.99 109 iPd 59 57.47 0.3
 LCCH 1.11 174 iP 59 58.14 -0.6
 IS 00 11.13
 PEL 1.16 132 iP 59 59.28 -0.2
 IS 00 11.33
 TACH 1.43 153 iP+ 00 03.14 -0.3
 IS 00 18.42
 FCH 1.53 129 iPd 00 04.86 -0.2
 IS 00 21.79
 LNV 1.60 171 iPd 00 06.06 0.3
 IS 00 23.44
 PCH 1.60 142 iP+ 00 05.98 0.1
 IS 00 23.23
 CHCH 1.79 151 iP+ 00 08.81 0.2
 IS 00 29.47
 CACH 1.97 152 iP 00 12.46 1.1
 IS 00 35.46
 S.D. = 0.6 on 10 of 10 obs.

? SEP 02, 1992 04h 22m 20.71 ± 1.74s
 11.847 N ± 25.5km 87.950 W ± 32.1km
 DEPTH = 10.0km (geophysicist)

NEAR COAST OF NICARAGUA (74)

MEO 24.80 339 iPd 27 44.70 0.5
 EEO 35.48 11 eP 29 20.00 0.6
 ULM 38.84 352 ePd 29 47.70 0.1
 LMN 39.19 26 eP 29 51.50 0.9
 LRM 39.76 333 eP 29 55.50 -0.1
 JAO 42.97 11 eP 30 19.50 -2.0
 BAO 48.06 124 e(P) 31 02.80 0.0
 S.D. = 1.2 on 7 of 7 obs.

* SEP 02, 1992 04h 37m 38.21 ± 0.66s
 11.530 N ± 9.1km 87.418 W ± 9.9km
 DEPTH = 10.0km (geophysicist)
 4.6mb (3 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.45 305 (P) 40 51.50 -0.4
 ILL 13.48 302 (P) 40 54.50 2.2
 SGS 22.47 15 (P) 42 40.23 1.2
 JSC 23.33 13 eP 42 48.12 0.7
 PWLA 23.35 359 eP 42 47.38 -0.3
 UYO 23.43 345 iPd 42 49.20 0.8
 LHS 23.63 14 eP 42 51.44 1.1
 GBTN 24.20 6 eP 42 56.29 0.4
 TKL 24.25 7 eP 42 56.96 0.6
 MEO 25.28 338 iPc 43 06.40 0.1
 CEH 25.40 16 eP 43 08.03 0.7
 0.6s 10.67nm 4.7mb
 ELC 25.70 357 eP 43 08.63 -1.5
 ACO 27.20 339 e(P) 43 24.00 -0.1
 CBN 28.04 17 eP 43 32.00 0.4
 LVNJ 31.22 19 eP 43 59.87 -0.1
 ZOBO 33.59 145 P 44 21.00 -0.6
 e 47 11.00
 SRU 34.30 327 eP 44 26.52 -0.6
 RSNY 34.72 16 eP 44 28.58 -1.8
 0.8s 14.42nm 4.9mb
 CCH 35.60 143 eP 44 39.00 0.5
 DAU 35.64 328 (P) 44 39.12 0.5
 EEO 35.70 10 eP 44 39.00 0.2

BW06 36.60 332 eP 44 46.29 -0.4
 0.9s 3.11nm 4.1mb
 LMN 39.25 25 eP 45 09.50 0.9
 LRM 40.28 333 eP 45 14.90 -2.5
 JAO 43.18 10 eP 45 38.50 -2.3
 BAO 47.45 124 ePc 46 16.00 0.5
 e 46 22.00
 e 46 25.50
 KER 117.20 42 e(Pd) 52 35.00 -7.1X
 WB2 139.02 253 ePKP 57 14.70 6.9X
 0.7s 3.90nm
 GBA 150.86 31 PKP 57 34.00 6.4X
 S.D. = 1.1 on 26 of 29 obs.

* SEP 02, 1992 04h 46m 51.76 ± 1.26s
 11.765 N ± 18.0km 87.560 W ± 13.0km
 DEPTH = 10.0km (geophysicist)
 4.5mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.20 304 (P) 50 03.00 0.8
 JSC 23.14 13 eP 52 00.19 1.1
 UYO 23.17 345 iPc 51 59.70 0.2
 LHS 23.43 14 eP 52 03.05 1.1
 TKL 24.03 8 eP 52 08.44 0.6
 MEO 25.01 338 iPc 52 16.60 -0.7
 FKO 25.03 341 iPc 52 17.50 0.0
 FNO 25.03 341 iPd 52 17.60 0.1
 CEH 25.21 16 eP 52 20.04 0.9
 0.6s 17.44nm 4.9mb
 ACO 26.93 339 iPc 52 34.60 -0.6
 SRU 34.03 327 (P) 53 40.79 2.5
 MSU 34.51 325 (P) 53 43.46 1.0
 RSNY 34.53 17 eP 53 42.04 -0.3
 1.0s 14.01nm 4.8mb
 RSSD 35.23 339 eP 53 48.65 0.1
 0.7s 2.75nm 4.2mb
 DAU 35.36 328 (P) 53 50.06 0.2
 BW06 36.33 332 eP 53 57.00 -1.0
 0.7s 1.36nm 3.9mb
 HVU 37.14 328 (P) 54 04.44 -0.3
 ULM 38.98 352 ePd 54 19.50 -0.3
 LMN 39.10 25 eP 54 22.00 1.1
 LRM 40.00 333 eP 54 28.80 0.1
 JAO 42.98 10 ePc 54 50.00 -2.7
 BAO 47.70 124 e(P) 55 31.50 0.5
 e 55 44.50
 YKA 54.24 345 eP 56 16.80 -2.9
 0.8s 2.60nm 4.3mb
 MBC 66.68 352 eP 57 43.00 -1.5
 0.6s 3.00nm 4.7mb
 S.D. = 1.3 on 24 of 24 obs.

? SEP 02, 1992 04h 51m 26.24 ± 2.78s
 10.854 N ± 28.5km 87.138 W ± 57.2km
 DEPTH = 10.0km (geophysicist)
 4.5mb (2 obs.)

OFF COAST OF COSTA RICA (77)

CEH 25.97 15 eP 57 01.30 0.5
 0.9s 12.23nm 4.6mb
 RSNY 35.29 16 (P) 58 23.00 -0.3
 0.9s 6.51nm 4.5mb
 EEO 36.32 9 eP 58 32.00 0.0
 LMN 39.75 25 eP 59 01.50 0.8
 ULM 39.93 351 eP 59 03.00 0.8
 JAO 43.80 10 eP 59 32.00 -1.8
 BAO 46.85 124 e(P) 59 58.80 0.0
 S.D. = 1.1 on 7 of 7 obs.

* SEP 02, 1992 05h 01m 02.93 ± 0.60s
 11.501 N ± 9.2km 86.841 W ± 10.7km
 DEPTH = 10.0km (geophysicist)
 4.6mb (8 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.94 304 (P) 04 23.50 0.5
 JSC 23.24 12 eP 06 13.05 1.8
 PWLA 23.40 357 eP 06 13.14 0.3
 LHS 23.53 13 eP 06 15.27 1.2
 UYO 23.61 344 iPd 06 16.00 1.1
 GBTN 24.18 5 eP 06 21.28 0.9
 TKL 24.21 6 eP 06 21.46 0.8
 CEH 25.28 15 eP 06 31.88 0.9
 0.5s 15.80nm 5.0mb
 FKO 25.52 340 iPc 06 32.50 -0.8

02d 05h

FNO 25.52 340 iPc 06 32.50 -0.8
 MEO 25.52 337 iPc 06 32.60 -0.7
 ELC 25.76 356 eP 06 34.43 -1.1
 ALQ 29.37 326 eP 07 08.36 -0.3
 0.8s 2.88nm 4.1mb
 ePcP 10 14.97
 JFWS 31.44 355 eP 07 25.32 -1.3
 0.5s 11.73nm 5.0mb
 GOL 32.54 333 eP 07 36.24 -0.4
 0.6s 5.23nm 4.6mb
 ePcP 10 23.35
 ZOBO 33.24 146 eP 07 45.00 1.7
 RSNY 34.59 16 eP 07 53.23 -0.8
 0.8s 9.44nm 4.7mb
 SRU 34.63 327 eP 07 53.95 -0.7
 ePcP 10 27.70
 PLM 35.04 313 eP 07 59.92 1.7
 MSU 35.13 324 eP 07 59.01 0.0
 ePcP 10 30.49
 CCH 35.24 144 (P) 08 01.00 0.8
 EMUT 35.30 327 eP 08 00.40 0.0
 ARUT 35.39 322 eP 08 01.52 0.4
 EEO 35.64 9 eP 08 03.50 0.6
 RSSD 35.73 339 eP 08 04.28 0.3
 0.6s 4.21nm 4.5mb
 ePcP 10 30.97

DAU 35.96 327 eP 08 06.30 0.1
 BW06 36.89 332 eP 08 14.00 0.1
 0.7s 3.61nm 4.3mb
 ePcP 10 33.50

HVU 37.74 328 (P) 08 21.42 0.5
 BONR 38.53 319 eP 08 29.08 1.3
 ePcP 10 40.85

LMN 39.04 25 eP 08 33.00 1.5
 ULM 39.35 351 eP 08 34.00 0.0
 LRM 40.56 332 eP 08 44.60 0.2
 ePcP 10 47.00

JAQ 43.12 10 eP 09 02.50 -2.4
 BAO 46.97 124 e(P) 09 32.50 -3.9X
 PPD 48.22 134 (P) 09 44.00 -2.0
 YKA 54.68 345 eP 10 31.60 -2.6
 0.8s 3.50nm 4.4mb

MBC 67.04 352 eP 11 56.00 -1.9
 WB2 139.56 253 ePKP 20 29.10 -4.4X
 0.7s 2.50nm

GBA 150.58 32 PKP 20 51.00 -0.9
 S.D. = 1.2 on 37 of 39 obs.

* SEP 02, 1992 05h 48m 35.86±1.00s
 9.891 N ±13.2km 86.190 W ±15.2km
 DEPTH = 10.0km (geophysicist)
 4.8mb (2 obs.)
 OFF COAST OF COSTA RICA (77)

SGS 23.77 12 eP 53 51.00 1.6
 PRM 24.33 8 eP 53 55.31 0.5
 JSC 24.69 10 eP 53 58.70 0.4
 LHS 24.97 11 eP 54 01.19 0.3
 PWLA 25.03 356 (P) 54 00.41 -1.2
 GBTN 25.72 4 eP 54 06.98 -1.1
 CEH 26.68 13 eP 54 17.32 0.4
 0.6s 20.14nm 5.0mb

MEO 27.25 337 iPd 54 22.10 -0.1
 NAV 27.74 9 eP 54 25.90 -0.7
 RSNY 35.97 14 eP 55 38.02 -0.7
 0.8s 7.54nm 4.6mb

SRU 36.32 327 eP 55 41.50 -0.5
 MSU 36.80 325 (P) 55 47.22 1.1
 ePcP 58 14.05

DAU 37.66 328 (P) 55 53.66 0.3
 BW06 38.61 332 eP 56 00.00 -0.4
 0.9s 1.27nm 3.6mb X

HHA 40.34 330 (P) 56 15.51 0.0
 KZN 97.03 47 eP 02 15.00 5.4X
 SNA 97.17 160 iPc 02 09.30 -0.1
 1.0s 170.00nm 6.6mb X

S.D. = 0.8 on 16 of 17 obs.

SEP 02, 1992 05h 50m 01.90±0.08s
 6.046 S ±2.5km 112.138 E ±2.4km
 DEPTH = 624.6km (geophysicist)
 5.9mb (87 obs.)

JAWA, INDONESIA (277)
 Felt at Jakarta. Depth from
 broadband displacement
 seismograms.
 FAULT PLANE SOLUTION: P-Waves

NP1:Strike=120 Dip=57 Slip=-107
 NP2: 329 37 -66
 Principal Axes:
 T Plg=10 Azm=222
 P 72 347

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

RADIATED ENERGY
 No. of sta: 12 Focal mech. F
 Energy 2.6±0.7*10**13 Nm

MOMENT TENSOR SOLUTION
 Dep 659 No. of sta: 11
 Moment Tensor; Scale 10**19 Nm
 Mrr=-0.89 Mtt=0.74
 Mff=0.14 Mtf=-0.45
 Mrf=-0.14 Mtf=-0.51

Principal axes:
 T Val= 1.09 Plg=10 Azm=207
 N -0.02 20 113
 P -1.07 68 322

Best Double Couple:Mo=1.1*10**19
 NP1:Strike=319 Dip=39 Slip=-58
 NP2: 100 58 -113
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 35S, 96C
 Centroid Location:
 Origin Time 05:50:10.5 0.2

Lat 6.11S 0.01 Lon 112.21E 0.02
 Dep 636.5 1.1 Half-duration 5.2
 Moment Tensor; Scale 10**19 Nm
 Mrr=-0.99 0.02 Mtt=1.02 0.02
 Mff=-0.03 0.03 Mtf=-0.44 0.02
 Mrf=-0.01 0.02 Mtf=-0.27 0.02

Principal Axes:
 T Val= 1.17 Plg=11 Azm=193
 N -0.09 6 101
 P -1.08 77 343

Best Double Couple:Mo=1.1*10**19
 NP1:Strike=291 Dip=34 Slip=-79
 NP2: 97 57 -97

PACI 5.22 264 Pn 51 39.59 1.0
 Sn 52 50.59

KALI 5.54 259 Pn 51 41.40 0.3
 Sn 52 55.20

PULI 6.13 267 Pn 51 47.00 1.0
 Sn 52 55.20

PASI 6.54 264 Pn 51 49.79 0.5
 Sn 52 55.20

PENI 6.95 274 Pn 51 53.00 0.1
 Sn 52 55.20

TANI 7.67 71 P 52 00.10 0.7
 Sn 52 00.10

NINI 7.76 78 P 52 02.00 1.6
 Sn 52 02.00

BUNI 8.49 74 P 52 08.50 1.5
 Sn 52 08.50

PCI 9.23 57 ePc 52 16.90 3.0X
 eS 52 40.30

TSM 11.76 29 iPd 52 41.20 2.9
 i 53 43.00

KGM 11.90 312 iPc 52 42.60 2.9
 0.7s 1602.80nm 6.3mb

i 52 53.20
 i 54 59.70

KKM 12.68 19 iPc 52 48.00 0.7
 iS 53 24.00

i 54 57.40
 e 53 14.20

IPM 15.31 313 ePd 54 05.50 1.6
 e 54 05.50

e 55 49.00
 e 55 49.00

AAI 16.17 82 ePc 53 20.00 -0.8
 eS 55 49.50

TNE 16.63 66 iPc 53 27.00 1.9
 i 53 27.00

NANU 16.74 169 iPc 53 26.70 0.5
 i 53 26.70

MBL 16.77 154 iPc 53 26.00 -0.5
 i 53 26.00

SNG 17.45 319 iPd 53 32.90 0.0
 2.2s 7615.38nm 6.7mb

eS 55 48.10
 e 56 26.20

DAV 18.71 46 eP- 53 44.00 -0.5
 i 56 16.00

KNA 18.95 122 eP 53 45.50 -1.2
 0.3s 101.00nm 5.7mb

eS 56 43.00
 eP 53 49.00

BIP 19.98 45 iPd 53 56.00 -0.1
 MAP 20.09 36 iPc 53 57.00 -0.1

iS 54 22.00
 PGP 21.30 24 iPc 54 10.00 1.9

iS 54 30.00
 i 54 40.00

PLP 21.35 37 ePd 54 08.30 -0.2
 MEEK 21.39 164 iPc 54 08.10 -0.8

TGY 21.84 24 ePc 54 15.50 2.6
 eS 56 57.50

NNT 22.24 326 iPd 54 15.00 -1.6
 QVP 22.34 23 ePd 54 19.80 2.4

OCP 22.38 23 eP 54 13.00 -4.8X
 BAG 23.82 20 eP 54 24.00 -6.8X

WARB 24.35 147 iPc 54 34.10 -1.1
 NST 24.64 331 iPd 54 39.00 1.2

KHT 24.67 327 iPd 54 38.70 0.6
 BAL 24.81 171 iPc 54 38.10 -1.1

i 00 33.00
 QIZ 25.02 355 ePd 54 42.26 1.1

1.0s 370.00nm 6.0mb
 WRA 25.62 125 P 54 46.00 -0.4

0.7s 168.20nm 5.8mb
 WB2 25.63 125 iPd 54 45.50 -1.0

0.5s 376.20nm 6.3mb
 eP 56 33.10

eS 58 27.60
 iScP 00 34.90

eScS 04 26.70
 KLB 25.95 169 iPc 54 48.50 -0.7

e 00 36.00
 MUN 26.08 172 iPc 54 49.80 -0.5

0.8s 625.00nm 6.3mb
 e 58 40.00

e 00 06.00
 e 01 30.00

COOL 26.12 162 iPc 54 49.50 -1.2
 e 01 15.00

BDT 26.53 331 iPd 54 55.00 0.7
 ASPA 27.30 132 P 55 00.90 -0.2

CHG 27.92 332 iPd 55 07.40 1.0
 eS 59 10.00

MCO 28.03 3 iP 55 08.30 1.0
 HKC 28.24 4 P 55 09.80 0.7

iS 58 01.00
 MENI 28.41 84 P 55 10.10 -0.6

RKG 28.74 172 iPc 55 13.50 0.2
 0.3s 136.00nm 6.1mb

FORT 28.79 151 iPc 55 13.60 -0.2
 GZH 28.98 2 iPd 55 14.90 -0.5

1.0s 420.00nm 6.0mb
 OIS 30.30 121 iPd 55 26.10 -0.6

eS 59 41.00
 MNDI 31.34 92 eP 55 37.80 2.0

QZH 31.44 11 Pd 55 36.00 -0.1
 0.7s 160.00nm 5.8mb

sP 58 27.00
 S 00 02.00

WWKK 31.46 87 eP 55 36.70 0.1
 KMI 32.30 344 iPd 55 45.94 2.2

2.0s 3300.00nm 6.6mb
 e 57 28.58

eSpc 58 38.43
 S 00 20.00

GYA 32.74 351 iPd 55 48.00 0.8
 1.0s 1000.00nm 6.4mb

PP 57 36.00
 PcP 58 15.00

sP 58 41.00
 S 00 24.00

MDG 33.49 90 eP 55 54.00 0.5
 LAT 34.65 93 eP 56 04.40 1.3

PMG 34.85 98 eP 56 05.00 0.3
 FINC 35.50 93 eP 56 12.20 2.1

CTA 35.94 116 P 56 14.50 0.8
 CTAO 35.94 116 ePd 56 14.09 0.4

ePc 57 56.06 581kmX
 e 59 04.59

e 56 16.00
 ENH 36.20 356 iPd 57 59.63 595kmX

ePd 57 59.63
 iSpc 59 10.81

WHN 36.44 3 iPd 56 18.80 1.3
 2.0s 1850.00nm 6.3mb

sP 59 10.00
 iS 01 24.00

SS 04 30.00
 QLP 36.77 127 iPd 56 21.40 1.0

CD2	37.61	348	ePcP	58	27.50	0.1	BTO	46.45	358	iSPc	00	31.83	0.0	AAK	59.30	328	eS	06	20.00	-0.3																																																	
			eScP	01	13.00					e	07	40.00																																																									
			eS	01	51.00					iScS	07	56.00																																																									
			iPd	56	27.30					eSS	09	50.00																																																									
			sP	59	22.00					eSSS	13	04.00																																																									
STK	37.66	137	S	01	33.00	0.4	GTA	46.64	347	iPc	57	36.50	6.1mb	YSS	59.37	24	LR	15	40.00	-1.6																																																	
			SS	04	54.00					PcP	58	57.00					iPd	59	07.31																																																		
			P	56	27.89					pP	59	27.00					iPd	59	06.08																																																		
			iPd	56	30.55					sP	00	32.00					eS	06	26.00																																																		
			1.0s	700.00nm	S					03	41.00	S					03	41.00	iPd		59	07.00																																															
SSE	37.93	13	SS	04	54.00	0.9	HHC	46.67	359	sS	06	54.00	5.7mb	FRU	59.38	329	iS	06	31.00	-0.2																																																	
			eP	58	15.50					iPd	57	38.00					P	59	12.00																																																		
			isPc	59	25.02					pP	59	32.00					P	59	20.79																																																		
			ScP	01	20.00					S	03	46.50					P	59	24.00																																																		
			iS	01	39.00					iPd	57	37.40					201.00nm	e	01		27.90																																																
KOD	38.13	295	eS	01	36.00	-0.9	NDI	48.20	318	e	01	57.20	5.7mb	BCZ	62.25	139	P	59	25.00	-0.7																																																	
			iP	56	31.00					PcP	58	58.00					P	59	25.00																																																		
			eS	01	36.00					pP	59	31.00					213.00nm	e	00		00.40																																																
			Pd	56	34.40					PP	59	43.00					P	59	26.40																																																		
			PcP	58	30.50					sP	00	35.00					81.00nm	eP	59		27.60																																																
NJ2	38.42	9	S	01	48.00	0.8	MAJO	48.90	28	S	03	46.00	6.55kmX	LMZ	62.39	137	P	59	26.40	-1.1																																																	
			SS	04	50.00					ScS	06	27.00					P	59	26.40																																																		
			iP	56	31.00					iPd	57	47.60					81.00nm	eP	59		27.60																																																
			eS	01	36.00					eS	03	57.00					P	59	29.60																																																		
			Pd	56	34.40					iPd	57	52.00					P	59	29.50																																																		
GBA	39.60	300	S	04	58.00	-1.4	SNY	48.78	11	S	04	07.00	6.1mb	CMCZ	62.88	138	eP	59	29.50	-1.3																																																	
			P	56	42.00					iPcP	59	04.00					P	59	29.50																																																		
			e(P)	56	46.00					ipP	59	47.00					e	59	56.50																																																		
			iPd	56	45.50					isP	04	07.00					P	59	29.70																																																		
			0.7s	280.00nm	S					02	07.00	1900.00nm					e	59	57.60																																																		
CMS	40.42	133	S	02	07.00	0.8	MAT	48.90	28	iPcP	59	04.00	6.4mb	TUZ	63.40	139	P	59	33.20	-0.6																																																	
			iP	56	50.60					ipP	59	47.00					P	59	33.60																																																		
			iPd	56	50.00					isP	00	54.00					e	00	03.50																																																		
			1.0s	*****nm	S					04	07.00	iPd					57	52.46	P		59	32.90																																															
			eS	02	12.50					(pP)	59	44.36					625kmX	ePP	01		31.50																																																
HYB	40.55	306	iPd	56	50.00	-0.9	CN2	51.05	12	iSPc	00	51.57	6.1mb	ODZ	63.76	138	P	59	35.60	-1.3																																																	
			e	57	19.00					iPd	57	52.20					P	59	35.60																																																		
			eS	02	12.50					eS	03	54.00					14.00nm	eP	59		35.80																																																
			iPd	56	54.33					(pP)	59	44.36					eP	59	38.00																																																		
			1.0s	3100.00nm	-					6.7mb	isPc	00					51.57	S	07		24.00																																																
LSA	40.86	332	e	58	37.96	0.6	MDJ	52.82	16	iPd	58	21.67	6.1mb	THZ	64.36	134	P	59	39.20	-0.9																																																	
			iSPc	59	50.13					eP	00	01.00					P	59	39.20																																																		
			e	58	37.96					esP	01	08.00					e	01	46.30																																																		
			iP	56	50.60					eScP	02	13.00					e	02	01.00																																																		
			1.0s	3100.00nm	-					6.7mb	ePcS	03					04.00	SSS	14		39.00																																																
BFD	41.58	142	S	02	46.00	-0.3	WMO	54.33	338	ScS	06	50.00	6.0mb	QRZ	63.83	133	eP	59	35.80	-0.9																																																	
			eP	56	50.50					iPd	58	21.67					P	59	39.20																																																		
			Pd	57	04.48					eP	00	17.54					e	01	46.30																																																		
			Pd	57	04.06					isPc	01	23.43					e	02	01.00																																																		
			0.8s	600.00nm	-					6.1mb	ScS	06					50.00	NRZ	64.50		131	eP	59	41.60																																													
GUN	42.22	324	PcP	58	43.10	-0.5	PVC	55.99	107	iPd	58	33.24	6.0mb	LTZ	64.19	135	eP	59	40.80	-1.4																																																	
			e	58	43.10					1.0s	550.00nm	5.8mb					e	00	08.40																																																		
			sP	00	00.00					PcP	59	32.00					P	59	39.20																																																		
			S	02	46.00					e	00	32.76					e	01	45.00																																																		
			DMN	42.45	323					Pd	57	05.86					-0.4	DZM	54.74		113	pP	00	50.00	MAIO	64.80	315	iPd	59	41.80	-1.1																																						
KKN	42.48	324	Pd	57	05.96	esP	01	37.32	0.9s	127.88nm	eS	06	50.00																																																								
LZH	42.63	350	iPd	57	07.85	S	05	24.00	DIW	64.85	132	P	59	42.00																																																							
0.8s	600.00nm	-	6.1mb	iPd	58	36.00	TCW	65.21	133	eP	59	43.70																																																									
GKN	43.02	323	Pd	57	10.04	-0.3	HIA	55.48	6	i	05	33.30	KUZ	65.31	128	eP				59		45.40	-0.6																																														
TIY	43.53	0	iPc	57	13.80					i	00	33.90	BSZ	65.35	131	P	59	47.00																																																			
0.9s	540.00nm	6.0mb	iPc	57	13.80					i	05	33.30	WLZ	65.44	129	eP	59	47.10																																																			
TOO	43.65	141	iPd	57	16.20					1.1	5.8mb	esP	01	37.32	MRW	65.53	133	P	59	45.20																																																	
0.7s	272.00nm	5.8mb	i	58	49.00					ERM	55.57	28	ePd	58	40.78	SNZO	65.55	133	P	59	47.20																																																
BWA	43.81	135	i	59	09.00	1.9	SAP	55.59	26	eP	58	41.00	-1.3	PAF	55.73	212	eS	05	40.00	0.7																																																	
			i	01	41.00					eS	05	40.00					ePcP	01	35.00																																																		
			iPc	57	18.30					eS	05	52.00					eS	05	52.00																																																		
			iPP	58	49.50					eSS	09	17.00					eP	58	40.78																																																		
			ARMA	44.30	128					iPd	57	21.50					1.2	KSH	56.26		327	iPc	58	47.00	-0.2	BKM	55.92	107	iPc	58	45.00	-0.1																																					
0.9s	331.00nm	5.8mb	e	59	16.80	1.47nm	2.9mb X	5.8mszX	eP	59	00.00	-1.8	PVC	55.99	107	iPc				58		47.00	1.5																																														
CAN	44.69	136	iPc	57	23.80	0.6s	1270.00nm	6.4mb	IRK	58.47	354					ePd				59		00.00		-1.8					KSH	56.26	327		iPc	58	47.00	-0.2																																	
CNB	44.94	136	iPc	57	25.50											0.4				6.0mb		Z											16s	5.45um	59		24.00	e	59	36.00	e	59	44.30	632kmX																									
POD	44.96	304	iPd	57	23.90																																								-1.5	6.0mb	Z	16s	5.45um	59	24.00	e	59	36.00	e	59	44.30	632kmX											
0.1s	567.09nm	6.0mb	iS	03	12.00												0.9	DL2	45.58		10				Pd	57	28.00	-1.7				1.0s																											1160.00nm	6.3mb	PcP	58	55.00	pP	59	20.00	648kmX		
RIV	45.48	133	eP	57	30.00							0.9	DL2	45.58	10								Pd																																													57	28.00
0.9s	331.00nm	5.8mb	iPcP	58	55.60	0.4	6.0mb	Z	16s	5.45um	59													24.00					e	59	36.00					e																																	
BOM	45.99	303	iPc	57	31.60											-1.6				6.0mb		Z											16s	5.45um	59		24.00	e	59	36.00	e	59	44.30	632kmX																									
0.9s	331.00nm	5.8mb	iS	03	28.00																																								0.4	6.0mb	Z	16s	5.45um	59	24.00	e	59	36.00	e	59	44.30	632kmX											
BOM	45.99	303	iPc	57	31.60												-1.6	6.0mb	Z		16s				5.45um	59	24.00	e				59																											36.00	e	59	44.30	632kmX						
0.9s	331.00nm	5.8mb	iS	03	28.00							0.4	6.0mb	Z	16s								5.45um																																									59	24.00	e	59	36.00	e
BOM	45.99	303	iPc	57	31.60	-1.6	6.0mb	Z	16s	5.45um	59													24.00					e	59	36.00					e																																	
0.9s	331.00nm	5.8mb	iS	03	28.00											0.4				6.0mb		Z											16s	5.45um	59		24.00	e	59	36.00	e	59	44.30	632kmX																									
BOM	45.99	303	iPc	57	31.60																																								-1.6	6.0mb	Z	16s	5.45um	59	24.00	e	59	36.00	e	59	44.30	632kmX											
0.9s	331.00nm	5.8mb	iS	03	28.00												0.4	6.0mb	Z		16s				5.45um	59	24.00	e				59																											36.00	e	59	44.30	632kmX						
BOM	45.99	303	iPc	57	31.60							-1.6	6.0mb	Z	16s								5.45um																																									59	24.00	e	59	36.00	e
0.9s	331.00nm	5.8mb	iS	03	28.00	0.4	6.0mb	Z	16s	5.45um	59													24.00					e	59	36.00					e																																	
BOM	45.99	303	iPc	57	31.60											-1.6				6.0mb		Z											16s	5.45um	59		24.00	e	59	36.00	e	59	44.30	632kmX																									
0.9s	331.00nm	5.8mb	iS	03	28.00																																								0.4	6.0mb	Z	16s	5.45um	59	24.00	e	59	36.00	e	59	44.30	632kmX											
BOM	45.99	303	iPc	57	31.60												-1.6	6.0mb	Z		16s				5.45um	59	24.00	e				59																											36.00	e	59	44.30	632kmX						
0.9s	331.00nm	5.8mb	iS	03	28.00							0.4	6.0mb	Z	16s								5.45um																																									59	24.00	e	59	36.00	e
BOM	45.99	303	iPc	57	31.60	-1.6	6.0mb	Z	16s	5.45um	59													24.00					e	59	36.00					e																																	
0.9s	331.00nm	5.8mb	iS	03	28.00											0.4				6.0mb		Z											16s	5.45um	59		24.00	e	59	36.00	e	59	44.30	632kmX																									
BOM	45.99	303	iPc</																																																																		

02d 06h

		iPP	02	13.00	623kmX	SPA	83.99	180	iPd	01	29.20	0.2	KNT	93.36	311	eP	02	11.94	-1.0	
		iPP	02	54.00			1.0s	185.50nm				5.7mb	SDN	93.43	35	eP	02	11.17	-1.7	
		iPPP	04	19.00					i	03	42.70			0.5s	496.24nm			6.9mb		
		iS	08	23.00					e	27	28.80				(pP)	04	26.91	632kmX		
		iScS	08	58.00					e	30	04.60		LIT	93.58	310	eP	02	12.46	-1.5	
		iS	12	04.00		CSS	84.33	306	eP	01	31.30	0.3	AGG	93.61	309	eP	02	12.78	-1.4	
		iSS	12	46.00		KOT	84.64	301	eP	01	32.00	-0.6	GRG	93.72	311	eP	02	13.50	-1.1	
		iSSS	16	14.00		KART	84.86	312	iP	01	34.30	0.6	DEV	93.76	316	ePc	02	15.00	0.4	
MAW	69.80	198	iPc	00	12.60	0.1	HLW	85.05	301	ePd	01	35.20	0.7	NUR	93.98	330	eP	02	14.80	-0.4
	0.9s	327.00nm			5.8mb				ePP	03	46.00			0.7s	126.60nm			6.2mb		
		ePP	02	18.00					eS	10	56.00		BCAO	94.03	274	iPd	02	16.30	-0.3	
TEH	70.46	311	iP	00	17.00	-0.1			e	11	15.00			1.0s	115.00nm			6.0mb		
RYD	70.66	299	iPd	00	17.20	-1.2			e	12	14.00						02	56.70		
ATA	70.74	284	ePc	00	19.87	1.0	BBTK	85.73	311	iPd	01	38.00	0.2				03	47.00		
OBO	70.76	285	ePc	00	20.10	1.2	SIM	85.82	316	eP	01	28.00	-9.9X				04	35.50		
TDD	71.09	285	ePc	00	22.33	1.4			eS	11	00.00						05	54.50		
ARO	71.10	284	eP+	00	20.20	-0.9	SGKT	86.41	311	iP	01	40.70	-0.4				06	18.00		
SGH	71.29	284	ePc	00	23.33	1.2	DVR	86.55	312	iP	01	41.50	-0.1	UZH	94.38	318	iPc	02	18.00	0.6
GBR	71.40	284	ePc	00	23.79	1.0	OBN	86.72	326	iPd	01	42.00	0.0	FNA	94.48	310	eP	02	16.38	-1.7
DAF	71.42	284	ePc	00	24.16	1.3	Z	20s	3.50um			5.8msz	SKO	94.52	312	iP	02	16.90	-1.3	
KSU	71.49	284	ePc	00	24.66	1.4			iS	11	28.00			1.1s	60.00nm			5.7mb		
HLD	71.51	284	ePc	00	24.82	1.5	NAL	86.90	311	eP	01	43.20	-0.2				04	32.50		
MJMA	72.13	299	eP	00	25.67	-1.2	BCK	86.97	308	iP	01	41.90	-1.8				06	03.90		
KER	73.23	308	iPc	00	31.80	-1.2	GYN	87.36	311	iP	01	45.20	-0.3				06	12.60		
QASM	73.71	299	eP	00	34.33	-1.5	ELL	87.38	307	iP	01	45.00	-0.7				08	11.00		
AAE	74.65	281	iP	00	43.20	1.8	GPA	87.67	311	eP	01	46.00	-0.8				09	16.00		
TAB	75.08	312	iP-	00	43.00	-0.2	NVL	87.72	199	iPc	01	48.00	1.5				14	02.00		
		i	02	46.00					1.2s	258.00nm		5.9mb					16	57.00		
TIK	78.31	5	iPd	00	59.00	-0.7	E	15s	5.00um				VLS	94.91	308	iPc	02	19.50	-0.5	
		iS	09	58.00					iPcP	01	50.80		OHR	94.94	311	iP	02	18.70	-1.4	
SMY	78.39	33	eP	00	59.45	-1.0			ePP	02	59.00	298kmX		1.0s	188.00nm			6.3mb		
	0.9s	992.57nm			6.3mb				ePP	03	02.00						02	22.80		
Z	20s	2.60um			5.6msz				eS	11	09.00					e(S)	11	34.00		
KIV	79.64	317	iPd	01	07.41	0.0			eScS	11	34.00					e	19	12.50		
		iPc	03	16.86	618kmX				ePS	12	36.00		IGT	95.20	309	eP	02	20.78	-0.5	
		ic	04	18.44					eS	14	10.00		SRN	95.47	309	iPc	02	22.70	0.3	
RUWJ	79.66	304	P+	01	08.54	0.9	EYL	87.83	311	iP	01	47.10	-0.5	TPE	95.49	310	eP	02	23.10	0.6
WAJH	79.82	298	eP	01	09.20	0.7	ILT	87.88	21	iPd	01	46.20	-0.9	BERA	95.56	310	eP	02	22.10	-0.7
BFT	80.30	245	iPc	01	13.00	1.7			iS	11	17.00		KEK	95.62	309	iPc	02	22.50	-0.6	
	1.5s	638.89nm			5.9mb								TIR	95.66	311	eP	02	21.50	-1.8	
CSTJ	80.77	303	P+	01	14.57	1.1	SUR	87.92	238	iPc	01	51.20	2.8	SPC	95.77	319	iP	02	24.20	0.3
AYN	80.87	300	eP	01	14.33	0.5		1.0s	140.00nm			5.7mb				e	04	41.30		
MDSJ	81.24	303	P+	01	16.65	0.8	Z	22s	6.30um			6.0msz	LACI	95.79	311	eP	02	22.60	-1.2	
QTRJ	81.37	303	Pd	01	17.13	0.6	KHL	87.94	309	iP	01	47.50	-0.7	VLO	95.89	310	iP	02	24.00	-0.3
JARJ	81.63	304	Pd	01	19.41	1.7	GBZT	88.40	311	iPd	01	50.00	-0.1	SDA	95.97	312	iPc	02	24.80	0.2
MASJ	81.71	303	Pd	01	19.07	0.9	YLV	88.42	311	iP	01	49.50	-0.8	BRW	96.04	19	eP	02	24.91	0.5
MKRJ	81.73	303	P+	01	19.01	0.7	ISK	88.73	311	iP	01	51.00	-0.6	OJC	96.10	320	eP	02	25.30	0.2
GAZ	81.74	309	eP	01	19.00	0.9	DST	88.83	310	iP	01	51.50	-0.7				i	02	29.90	
BURJ	81.75	304	P+	01	19.07	0.7	PDF	88.97	241	iPc	01	55.00	2.0	TTA	96.18	27	ePd	02	25.08	-0.2
HOL	81.76	301	eP	01	18.53	0.2		1.0s	70.00nm			5.5mb			1.3s	142.65nm			6.0mb	
KFNJ	81.77	303	P+	01	19.36	1.1			i	04	08.50					ePP	04	41.67	635kmX	
SALJ	81.79	303	P+	01	19.20	0.6	KCT	89.13	310	iP	01	52.50	-1.0	SVW	96.34	29	ePc	02	26.26	0.3
LISJ	81.80	303	Pd	01	19.41	1.0	CTT	89.21	311	eP	01	52.50	-1.3		0.8s	75.73nm			6.0mb	
BUL	81.88	251	iPc	01	19.80	0.5	BNT	89.48	311	iP	01	55.00	-0.1	SRO	97.01	317	iP	02	28.70	-0.5
	1.0s	285.00nm			5.8mb		BLE	89.56	236	iPc	01	57.00	1.4				i(P)	06	30.80	
SHMJ	81.88	304	Pd	01	20.66	1.7		1.5s	638.89nm			6.3mb	IMA	97.19	24	iPd	02	30.06	0.1	
SLR	81.88	245	iPd-	01	19.50	0.3	DMK	89.81	312	iP	01	55.90	-0.7		1.0s	57.99nm			5.8mb	
	0.9s	273.11nm			5.8mb		CFR	90.02	315	ePd	01	57.00	-0.4	UPP	97.46	330	iP	02	30.30	-0.7
Z	18s	8.25um			6.1msz		PRK	90.59	309	iPc	02	00.00	-0.2		0.8s	100.00nm			6.2mb	
		i	01	29.00					e	04	15.20						i	09	42.00	
DSI	81.96	303	iPd	01	20.00	0.7	NPS	90.62	305	iPc	02	01.00	0.5				i	12	58.00	
MBH	82.01	301	iPd	01	20.20	0.5	EZN	90.62	310	iP	01	59.30	-1.0				i	04	52.30	
HRI	82.02	305	iPd	01	20.90	1.2	CLJ	90.81	317	iPd	02	00.50	-0.6	REF	97.77	30	ePc	02	31.56	-1.2
MMR	82.22	304	iPd	01	22.40	1.7	ALN	90.97	311	eP	02	01.54	-0.3	ZST	97.83	318	iP	02	33.20	0.2
BHL	82.23	305	Pd	01	20.00	-0.7	VRI	91.10	316	iPd	02	02.00	-0.5				i	05	44.30	
		S	10	40.00		ISR	91.14	315	ePc	02	03.50	0.8				i(P)	06	40.20		
SAGI	82.28	301	iPd	01	21.40	0.4	BUC1	91.40	314	eP	02	00.00	-3.8X				e	12	09.40	
SEK	82.34	242	iPd	01	22.00	0.5	PTT	91.47	317	eP	02	00.00	-4.1X				e	14	38.60	
	0.8s	156.72nm			5.6mb		MLR	91.60	315	iPd	02	04.50	-0.4	KBS	97.86	349	iPc	02	31.60	-1.0
ADI	82.40	304	eP	01	22.80	1.3	KIP	92.04	69	(P)	02	06.78	-0.4	KDC	97.95	33	eP	02	32.68	-0.6
AKSR	82.50	295	iPd	01	23.00	0.9			ic	04	24.17			0.9s	42.22nm			5.8mb		
PRY	82.55	244	iPd	01	22.40	-0.2	ANM	92.19	25	eP	02	08.30	1.2	CPKM	97.98	29	eP	02	32.36	-1.3
	1.0s	167.00nm			5.5mb		DHH	92.22	69	(P)	02	06.36	-1.7	CRP	98.01	29	eP	02	32.66	-1.1
		i	03	36.50		WIN	92.34	247	iPc	02	10.00	1.1	KSP	98.34	320	iP	02	35.70	0.4	
SVST	82.58	311	iP	01	24.10	1.7		1.0s	139.00nm			6.0mb			1.2s	51.00nm			5.7mb	
AGRW	82.69	295	iPd	01	24.00	0.9			i	04	25.50						e	04	52.00	
AKUR	82.77	295	iPc	01	23.50	0.1	ATH	92.43	308	eP	02	08.00	-0.7				e	05	42.00	
ASKD	83.08	295	iPd	01	26.00	1.0			e	16	19.60		VKA	98.35	318	iPc	02	35.20	-0.2	
ADAT	83.16	308	eP	01	26.20	1.0	OUR	92.46	310	eP	02	08.33	-0.5		2.3s	481.00nm			6.4mb	
TRHT	83.28	312	iP	01	26.50	0.6	PAIG	92.65	310	eP	02	08.90	-0.8				e	05	44.00	
ADK	83.29	36	eP	01	24.41	-1.1	TNR	92.78	315	ePc	02	07.00	-3.2X				i	06	22.00	
		(pP)	03	39.00	641kmX	SRS	92.84	311	eP	02	09.50	-1.0				i				

VBY	99.10	315	ePDIF	02	37.60	-1.1	LPG	105.07	315	ePdiff03	05.20	-0.5	IFR	115.98	304	iPKP	07	39.00	1.6	
			ep	04	55.00	641kmX										i	08	32.00		
			eSP	05	57.00															
HFS	99.42	330	eP	02	39.30	-0.5	LPL	105.08	315	ePdiff03	05.30	-0.3	PLAT	115.99	307	ePKP	07	35.00	-2.1X	
	0.6s	33.70nm			5.9mb								GIBL	115.99	308	ePKP	07	36.00	-1.1	
PMR	99.44	29	ePd	02	38.65	-1.2	DOU	105.85	320	Pdiffc03	08.60	0.0	CNIL	116.16	308	ePKP	07	35.00	-2.4X	
	0.8s	39.32nm			5.9mb								STS	116.36	315	ePKP	07	36.87	-0.7	
			epP	04	55.48	638kmX							EVAL	116.44	309	iPKPc	07	38.08	0.2	
			PP	06	56.58								PGC	116.81	38	ePKP	07	40.00	1.8	
			SP	14	52.51								MCW	117.17	38	ePKP	07	38.77	-0.2	
PRU	99.48	320	PDIF	02	40.40	0.1	SNF	105.97	321	ePKP	07	17.70	0.2	KIC	117.28	274	PKP	07	39.44	-0.7
	1.2s	21.80nm			5.4mb		LBF	106.77	317	ePdiff03	13.40	0.5		0.7s	103.50nm					
			pP	05	00.00	654kmX							LIC	117.56	274	PKP	07	39.68	-1.0	
			PP	06	51.50		LBF	106.77	317	ePKP	07	19.80	0.6	TIC	117.58	274	PKP	07	40.24	-0.5
			e	08	51.00									0.3s	45.50nm					
LJU	99.60	316	e(PDIF02	40.00	-1.0	LOR	106.80	318	ePdiff03	13.60	0.6	GMW	117.65	39	ePKP	07	40.16	0.3		
			e(pP)	04	43.00	557kmX							BMW	117.79	40	ePKP	07	40.67	0.4	
			ePP	06	53.00		LOR	106.80	318	ePKP	07	18.90	-0.3			ePKKP	18	03.94		
			eSKS	12	19.00								AVE	117.90	304	iPKP	07	41.00	0.2	
FBA	99.72	25	eP	02	40.32	-0.8	Z	21s	1.30um		5.5Msz				i	08	36.50			
	0.6s	9.65nm			5.4mb		SMF	106.91	317	ePdiff03	14.10	0.6	TIO	118.23	302	iPKP	07	42.00	0.3	
BRG	99.83	320	iPd	02	41.40	-0.5		0.8s	14.25nm		5.8mb				i	08	02.00			
	1.2s	44.00nm			5.8mb		SSF	107.07	317	ePKP	07	19.60	-0.1	RMW	118.30	39	ePKPc	07	41.33	0.1
			e	04	56.00			0.9s	43.55nm							ePKKP	18	02.78		
			epP	05	44.40		AVF	107.22	317	ePKP	07	19.60	-0.4	SHW	118.53	40	ePKP	07	42.16	0.4
			eSKS	12	18.80			1.0s	19.00nm							ePKKP	18	00.96		
			eS	13	16.00		TCF	108.09	317	ePKP	07	21.70	0.0	LON	118.58	39	ePKP	07	41.48	-0.3
			eSSP	18	52.00			1.0s	28.20nm							e	12	22.13		
			ePKKP	19	04.00		CAF	108.43	315	ePKP	07	21.50	-0.9			PKKP	18	05.41		
VOY	100.04	316	ePdiff02	42.40	-0.7			1.0s	27.60nm							e	23	22.59		
			ePP	06	56.20		ESEL	108.62	310	ePKP	07	23.56	0.7			RSKS	39	29.29		
GEC2	100.07	318	e(Pdiff02	40.50	-2.7X	ESY	108.72	327	ePKP	07	22.20	-0.3	EKR	119.19	46	ePKP	07	44.14	1.2	
	0.8s	5.40nm			5.0mb	RJF	108.74	316	ePKP	07	22.10	-0.8	FHC	119.27	46	ePKP	07	43.58	0.4	
KHC	100.14	319	Pdiff	02	42.00	-1.4		0.8s	2.90nm				FOX	119.36	47	ePKP	07	44.12	0.8	
	1.0s	5.40nm			4.9mb	LPO	109.09	315	ePKP	07	22.90	-0.7	VGB	119.74	40	ePKP	07	44.22	0.3	
	Z 20s	3.20um			5.8Msz			0.7s	23.90nm				DPW	120.31	37	ePKP	07	44.67	-0.3	
	N 20s	1.60um				EBH	109.09	328	ePKPc	07	22.90	-0.3			ePKKP	17	55.02			
	E 20s	2.50um					1.3s	39.00nm					LBFM	120.58	45	ePKP	07	46.25	0.3	
			e	05	49.50		ELO	109.13	328	ePKPc	07	22.90	-0.4			ePKKP	17	54.57		
			e	06	43.50		LDF	109.17	319	ePKP	07	22.60	-1.0	LTCM	120.81	46	ePKP	07	46.32	0.2
			S	12	18.00			0.9s	20.95nm						ePKKP	17	55.86			
KBA	100.39	317	iPdiff02	43.60	-1.1	EKA	109.19	327	Pdiffc03	24.00	0.7	NWRM	120.82	49	ePKP	07	46.99	0.9		
			i	02	48.70			0.8s	8.20nm						ePKKP	17	52.71			
			i	05	44.40		EKA	109.19	327	PKP	07	24.00	0.6	MIN	121.13	46	ePKP	07	47.00	0.1
			i	06	57.90			1.1s	25.00nm				ORV	121.48	47	ePKP	07	46.47	-0.9	
			i	07	05.60		EAU	109.19	327	ePKP	07	22.70	-0.7	BKS	121.49	49	ePKP	07	47.63	0.2
			i	12	22.40		LFF	109.35	316	ePKP	07	23.80	-0.3	PCC	121.50	49	ePKP	07	47.83	0.4
CLL	100.40	321	iPdiff02	44.10	-0.3			0.5s	14.00nm				GCC	121.94	50	ePKP	07	49.10	0.8	
	1.4s	37.00nm			5.6mb	FLN	109.36	320	ePKP	07	23.70	-0.3	ARN	122.19	49	iPKPc	07	49.68	0.8	
	Z 20s	2.00um			5.6Msz		0.5s	18.65nm							ePP	09	32.22			
			epP	05	01.00		Z 22s	1.33um		5.5Msz			SAO	122.44	50	ePKP	07	50.07	0.7	
			iSKS	12	21.40			1.5s	32.00nm				PRS	122.64	50	ePKPd	07	50.41	0.6	
			PKKP	18	58.00		EAB	109.55	328	ePKP	07	23.70	-0.4	LLA	122.87	50	ePKP	07	51.64	1.4
COP	100.44	325	ePdiff02	48.00	3.6X	MFF	109.62	317	ePKP	07	24.30	-0.2	SES	122.99	31	ePKPc	07	45.00	-5.1X	
			i	05	01.00			0.7s	27.00nm					0.7s	180.00nm					
			i	09	02.00		GRR	109.69	319	ePKP	07	23.80	-0.8	PRI	123.24	50	ePKP	07	52.93	1.8
			e	15	05.00			0.8s	26.60nm				PHAM	123.54	51	ePKPc	07	52.37	0.8	
			i	19	01.00		LPF	109.89	319	ePKP	07	24.80	-0.2	FCC	123.66	16	ePKP	07	52.00	1.1
WET	100.60	319	ePdiff02	45.50	0.1			0.9s	68.15nm				FRI	123.68	49	ePKP	07	52.39	0.7	
BHG	100.67	317	iPdiff02	45.00	-0.7	EPF	109.99	314	ePKP	07	24.20	-1.3	PKEM	123.69	50	ePKP	07	53.96	2.2X	
TOA	100.78	28	ePdiff02	47.60	1.6			0.8s	12.65nm				BCH	123.99	51	ePKPc	07	54.12	1.6	
FVI	100.79	316	Pdiff	02	45.30	-0.9	AKU	111.18	340	iPKP	07	29.30	2.5X	KVN	124.12	46	ePKP	07	53.98	1.2
ARV	100.80	313	Pdiff	02	46.40	0.0		1.2s	68.75nm				BONR	124.39	48	ePKP	07	54.38	0.9	
KLU	100.98	29	ePdiff02	46.19	-0.7	ECHE	111.59	310	iPKPc	07	28.93	0.4	LRM	124.76	37	ePKPc	07	54.20	0.3	
MNS	101.03	312	Pdiff	02	48.00	0.5	DLF	111.72	325	ePKP	07	27.90	-0.3			ePcP	09	59.70		
HOF	101.18	320	iPdiff02	48.00	0.1	DMU	111.72	326	ePKP	07	28.30	0.0	ABL	124.77	51	ePKP	07	55.59	1.3	
MOX	101.32	320	iPdiff02	48.70	0.2	DCN	112.12	326	ePKP	07	30.60	1.6	ISA	125.07	50	iPKPd	07	55.70	1.1	
	1.4s	32.00nm			5.6mb	ECRI	112.13	314	iPKPc	07	30.22	0.7	TNP	125.13	47	ePKPc	07	55.56	0.7	
CRE	101.52	313	Pdiff	02	50.00	0.3	ETOR	112.18	312	iPKPc	07	30.06	0.4	HHAI	126.10	39	ePKP	07	57.34	0.9
KONO	101.52	330	ePdiff02	48.80	-0.4	EVIA	112.94	309	iPKPc	07	30.93	-0.4	SSK	126.17	52	ePKPc	07	57.60	0.7	
GRF	101.65	319	ePdiff02	50.00	0.0	ENIJ	113.02	308	ePKP	07	31.40	0.0	TPNV	126.28	48	ePKP	07	58.10	1.1	
	Z 20s	2.00um			5.6Msz	EHUE	113.17	309	iPKPc	07	30.98	-0.8								
PGD	101.67	313	Pdiff	02	50.70	0.2	EBAN	114.02	309	ePKP	07	32.98	-0.3	Z 19s	2.22um				5.9Msz	
OGA	101.98	317	iPdiff02	51.40	-0.4	ECOG	114.03	308	ePKP	07	31.59	-1.9	PTI	126.32	40	ePKP	07	58.23	1.3	
MME	102.39	314	Pdiff	02	54.10	0.4	EGUA	114.11	308	iPKPc	07	32.67	-0.8	HVU	126.60	41	iPKPc	07	58.46	1.0
BALM	102.76	29	ePdiff02	55.16	0.3	YKA	114.15	22	ePKP	07	32.00	-0.7	PEC	126.69	52	ePKP	07	58.57	0.8	
ALE	103.52	359	ePdiff02	56.61	-1.0		0.5s	51.20nm							e	10	00.45			
BNS	104.09	321	ePdiff03	02.50	1.7	MAL	114.80	308	iPKPd	07	34.00	-0.8			epP'df10	20.70				
			ic	05	16.30		EHOR	115.22	309	iPKPc	07	35.47	-0.1	PLM	127.11	52	ePKP	07	58.67	-0.1
CDF	104.36	318	ePdiff03	01.50	-0.7	EPLA	115.34	312	iPKPc	07	36.13	0.4	DUG	127.33	43	ePKPc	08	00.07	1.2	
	0.9s	7.85nm			5.4mb	EMON	115.34	315	iPKPc	07	35.89	0.2	ARUT	127.98	46	ePKP	08	00.85	0.6	
MBC	104.46	11	ePdiff03	01.50	-0.4	EPRU	115.39	308	iPKPc	07	35.49	-0.5	DAU	128.27	42	ePKP	08	01.43	0.5	
	0.5s	7.00nm			5.6mb	ERUA	115.51	314	ePKP	07	32.28	-3.7X	MSU	128.55	44	iPKPc	08	02.90	1.5	
BSF	104.75	318	ePdiff03	02.90	-1.1	EJIF	115.6													

LHS	149.28	21	ePKP	08	38.48	0.5
			ePKPbc08		42.96	
JSC	149.29	22	ePKP	08	38.18	0.2
			iPKPab08		43.91	
SLA	149.33	184	ePKP	08	39.40	0.8
			e	08	43.50	
			e	08	45.00	
ANT	150.33	175	ePKP	08	39.50	-0.4
SGS	150.54	22	ePKPc	08	41.10	1.2
			ePKPab08		46.79	
HBF	150.82	22	ePKP	08	39.67	-0.7
			ePKPab08		47.15	
BAO	150.82	222	PKPc	08	47.50	6.5X
			e	09	11.00	
			e	09	20.00	
			e	09	36.50	
			e	09	45.00	
			e	09	52.70	
			e	10	16.00	
			e	10	18.80	
			e	10	30.20	
PBJ	151.12	67	(PKP)	08	42.50	1.3
TPX	154.47	68	(PKP)	08	47.20	1.3
CCH	156.66	184	PKP	08	50.30	1.2
ARE	157.35	171	ePKP	08	49.00	-1.0
LPB	157.57	179	PKP	08	52.00	1.6
	1.0s	160.00nm				
ZOBO	157.81	179	ePKP	08	51.63	0.7
	1.3s	205.05nm				
			ePKPab09		26.39	
			ipP'df11		14.32	
NNA	159.98	154	ePKPd	08	53.06	0.5
	1.2s	118.75nm				
			ePKPab09		38.08	
			ipP'df11		15.75	
			epP'ab11		56.80	
BBJ	164.69	36	iPKPd	08	58.27	1.2
STH	165.19	35	iPKPd	08	58.36	0.9
BPA	167.59	332	ePKP	08	59.00	-0.3
MGH	168.04	333	ePKP	09	00.00	0.5
MGG	168.28	327	ePKP	09	02.00	2.4X
TBH	171.96	304	ePKP	09	04.11	2.5X
TRN	172.14	306	ePKP	09	03.35	1.7
TCE	172.39	308	ePKP	09	02.72	0.9
S.D. = 1.0 an 495 of 543 obs.						

SEP	02, 1992	05h 59m	37.35±	0.64s		
	11.24B N	± 9.1km	86.615 W	± 7.0km		
DEPTH = 10.0km (geophysicist)						
4.4mb (8 obs.)						
NEAR COAST OF NICARAGUA (74)						
PBJ	9.97	302 (P)	02	02.50	-1.3	
TPM	14.26	304 (P)	03	01.50	-0.2	
III	14.30	301 (P)	03	04.00	1.8	
SGS	22.55	13 (P)	04	00.64	1.7	
PWLA	23.66	357 eP	04	49.62	-0.2	
LHS	23.72	12 eP	04	52.05	1.7	
UYO	23.91	344 iPc	04	52.70	0.5	
GBTN	24.41	5 eP	04	58.37	1.3	
TKL	24.44	6 eP	04	57.98	0.6	
OLY	24.55	350 eP	04	57.53	-0.8	
CEH	25.46	14 eP	05	08.04	0.9	
	0.9s	27.47nm			4.9mb	
FKO	25.83	339 iPc	05	09.20	-1.4	
FNO	25.83	339 iPd	05	09.40	-1.2	
ELC	26.03	355 eP	05	11.58	-0.8	
OCO	26.10	340 iPd	05	13.40	0.3	
NAV	26.48	10 eP	05	17.04	0.4	
FVM	26.84	353 eP	05	18.29	-1.6	
	1.1s	12.36nm			4.5mb	
CBN	28.09	16 e				

MSU	35.46	324	eP	06	35.84	-0.4
EMUT	35.63	327	eP	06	37.09	-0.6
ARUT	35.72	322	eP	06	38.70	0.3
EEO	35.85	9	eP	06	39.50	0.3
RSSD	36.04	339	eP	06	40.70	-0.4
	0.6s	2.57nm			4.3mb	
DAU	36.29	327	eP	06	41.97	-1.4
TPNV	36.95	319 (P)		06	49.58	0.8
	0.7s	2.68nm			4.1mb	
BW06	37.22	332	eP	06	50.00	-1.0
	0.7s	2.63nm			4.1mb	
HVU	38.07	328 (P)		06	58.19	0.1
BONR	38.87	319	eP	07	06.02	1.0
PHAM	39.15	314	eP	07	08.61	1.6
LMN	39.18	24	eP	07	08.50	1.4
ULM	39.63	351	eP	07	10.00	-0.8
LRM	40.89	332	eP	07	21.80	0.3
ORV	41.83	318 (P)		07	31.04	2.0
JAO	43.33	9	ePd	07	38.70	-2.4
BAO	46.64	124	e(P)	08	07.50	-0.7
		e		08	09.90	
		e		08	41.50	
GBA	150.68	33	PKP	19	26.00	-0.5
S.D. = 1.0 on 47 of 48 obs.						
SEP 02, 1992 06h 34m 23.14± 1.07s						
39.653 N ± 6.8km 143.710 E ± 13.2km						
DEPTH = 33.1km (2 depth phases)						
4.7mb (5 obs.)						
OFF EAST COAST OF HONSHU, JAPAN (229)						
OFUJ	1.68	251	iP+	34	50.40	-0.3
			eS	35	12.60	
AOMJ	2.71	291	eP	35	04.70	-0.6
HO0J	2.75	353	eP	35	06.60	0.8
			eS	35	35.10	
YAMJ	3.22	244	iP+	35	12.60	0.0
MRRJ	3.41	325	eP	35	14.30	-1.0
			eS	35	49.90	
KUSJ	3.52	12	P	35	16.40	-0.4
			eS	35	55.80	
NI1J	4.41	238	P	35	29.50	0.0
KAKJ	4.43	220	P	35	29.30	-0.5
			S	36	18.10	
ASAJ	4.53	350	eP	35	31.30	0.1
CHJJ	5.18	228	P	35	39.50	-0.9
			S	36	37.60	
MAT	5.34	236	iPc	35	42.80	0.2
			eS	37	11.00	
MTMJ	5.57	239	P	35	45.90	-0.1
TSRJ	7.38	239	P	36	12.80	1.5
SSE	20.22	252	eP	39	02.50	4.6X
	1.0s	9.00nm			4.1mb	
BJ1	21.12	280	eP	39	03.00	-4.2X
TIY	24.43	275	eP	39	41.80	1.9
LZH	31.49	276	eP	40	44.50	0.3
	1.2s	23.00nm			4.9mb	
		pP		40	54.00	33km
GYA	33.48	258	P	41	00.80	-0.8
	0.8s	9.40nm			4.8mb	
GTA	33.60	284	P	41	02.30	-0.2
	1.2s	12.00nm			4.7mb	
		pP		41	12.00	33km
WMQ	41.33	295	eP	42	07.50	0.2
	1.0s	14.00nm			4.6mb	
GUN	48.72	275	P	43	07.00	0.1
KKN	49.24	275	P	43	10.74	0.0
	0.8s	B3.00nm			5.8mb X	
PK1	49.25	274	P	43	10.48	-0.5
DMN	49.47	275	P	43	12.86	0.3
GKN	49.63	275	P			

GRW 1.13 5 eS 39 28.02
eP 39 19.20 -0.1
eS 39 37.04
S.D. = 0.5 on 5 of 5 obs.

? SEP 02, 1992 06h 40m 31.99±1.29s
11.298 N ±14.7km 87.640 W ±25.2km
DEPTH = 10.0km (geophysicist)
4.1mb (3 obs.)

NEAR COAST OF NICARAGUA (74)

JSC 23.61 13 (P) 45 44.34 0.4
LHS 23.90 14 (P) 45 47.30 0.5
GBTN 24.46 7 eP 45 52.81 0.6
TKL 24.50 8 eP 45 53.35 0.7
CEH 25.68 16 eP 46 04.05 0.3

0.6s 10.66nm 4.7mb
ELC 25.91 357 (P) 46 05.00 -1.0
NAV 26.63 12 (P) 46 11.72 -0.9
EEO 35.97 10 eP 47 35.00 0.2
BW06 36.71 333 eP 47 42.50 1.2

0.8s 0.95nm 3.6mb
LMN 39.55 25 eP 48 05.50 0.6
JAO 43.45 10 eP 48 34.50 -2.2
BAO 47.51 124 Pc 49 10.20 0.5
BDF 47.59 123 e(P) 49 10.00 -0.4
YKA 54.67 345 eP 50 02.50 -0.7

0.7s 1.20nm 4.0mb
WB2 138.75 253 ePKP 00 04.90 3.8X
0.6s 2.90nm
S.D. = 1.0 on 14 of 15 obs.

? SEP 02, 1992 06h 57m 26.21±1.43s
34.063 N ±15.6km 25.083 E ±12.7km
DEPTH = 10.0km (geophysicist)

CRETE (370)
MD 4.2 (HLW).

NPS 1.27 20 iPd 58 49.00 59.1X
e 59 05.50
VLI 3.18 327 eP 58 17.50 0.3
ELL 4.77 54 ePn 58 40.00 0.1
AGG 5.42 337 eP 58 48.70 -0.4
CSS 6.87 80 eP 59 09.40 0.0

KOT 7.06 124 ePn 59 18.60
eS 59 12.00 0.0
eSn 00 26.25
S.D. = 0.4 on 5 of 6 obs.

? SEP 02, 1992 07h 26m 03.82±1.19s
10.904 N ±16.8km 86.430 W ±17.0km
DEPTH = 10.0km (geophysicist)
4.4mb (4 obs.)

OFF COAST OF COSTA RICA (77)

JSC 23.74 11 eP 31 18.13 1.1
PWLA 24.01 357 eP 31 19.81 0.2
LHS 24.02 11 eP 31 19.39 -0.4
TKL 24.76 5 eP 31 27.59 0.6
OLY 24.91 350 (P) 31 27.18 -1.2
CEH 25.75 14 eP 31 36.90 0.6

0.8s 12.87nm 4.7mb
ALQ 30.09 326 eP 32 16.49 0.5
0.8s 2.36nm 4.1mb

JFWS 32.06 355 eP 32 30.48 -2.5
0.9s 17.50nm 5.0mb

SRU 35.35 327 eP 33 01.56 -0.1
EEO 36.16 9 eP 33 09.00 0.7
DAU 36.68 328 (P) 33 13.10 0.0
BW06 37.61 332 eP 33 20.00 -0.7

1.0s 1.67nm 3.8mb
BONR 39.24 319 eP 33 36.04 1.4
BAO 46.30 124 Pc 34 31.80 -0.2

S.D. = 1.1 on 14 of 14 obs.
SEP 02, 1992 07h 28m 58.81±0.46s
11.377 N ±7.8km 86.972 W ±7.8km
DEPTH = 10.0km (geophysicist)
4.6mb (13 obs.)

NEAR COAST OF NICARAGUA (74)

PBJ 9.61 303 (P) 31 18.00 -2.2
IISM 12.57 308 (P) 32 01.70 1.1
IIT 13.32 306 (P) 32 12.70 1.9
TPM 13.90 304 (P) 32 18.50 0.1
UNM 14.18 305 (P) 32 23.50 1.3
MRX 16.00 303 (P) 32 48.60 3.0X

COLM 17.89 298 (P) 33 14.00 4.4X
HBF 22.29 15 eP 34 01.20 3.3X
SGS 22.51 14 eP 34 03.22 3.2X
JSC 23.39 12 eP 34 10.04 1.5
PWLA 23.52 358 eP 34 10.25 0.4
LHS 23.67 13 eP 34 11.94 0.6
UYO 23.69 344 iPd 34 12.20 0.6
GBTN 24.31 5 ePc 34 18.57 1.0
TKL 24.35 6 eP 34 19.11 1.2
CEH 25.43 15 eP 34 29.07 0.8

0.5s 19.59nm 5.1mb
MEO 25.59 337 iPd 34 30.10 0.3
FKO 25.59 340 iPd 34 29.10 -0.7
FNO 25.59 340 iPd 34 28.80 -1.0
OCO 25.86 340 iPd 34 34.50 2.2
ELC 25.88 356 eP 34 30.68 -1.7
FVM 26.67 354 (P) 34 38.31 -1.5

0.8s 6.82nm 4.4mb
ACO 27.50 338 iPd 34 45.90 -1.5
CBN 28.06 16 eP 34 53.00 0.6
ALQ 29.40 326 eP 35 04.88 0.1
0.8s 2.36nm 4.0mb

ePcP 38 07.52
JFWS 31.55 355 eP 35 21.96 -1.5
1.0s 24.82nm 5.1mb
GOL 32.59 333 P 35 32.54 -0.4
1.0s 9.23nm 4.7mb

ZOBO 33.21 146 P 35 40.00 1.1
GLA 33.43 315 eP 35 40.98 0.9
SRU 34.66 327 eP 35 50.22 -0.6
PLM 35.03 313 eP 35 53.46 -0.6
MSU 35.15 325 eP 35 54.72 -0.4

iPcP 38 27.84
CCH 35.21 144 eP 35 56.00 0.1
EMUT 35.33 327 eP 35 55.57 -1.0
ARUT 35.41 322 eP 35 57.68 0.5
PEC 35.53 314 eP 35 59.86 1.8

1.2s 10.80nm 4.6mb
EEO 35.78 9 eP 36 00.50 0.5
RSSD 35.79 339 eP 36 00.78 0.3
0.7s 3.98nm 4.4mb

DAU 36.00 328 eP 36 02.11 -0.2
TPNV 36.63 319 (P) 36 08.21 0.7
1.0s 12.05nm 4.7mb
BW06 36.94 332 eP 36 08.69 -1.4

0.9s 5.08nm 4.3mb
ePcP 38 31.00
HVU 37.78 328 eP 36 17.17 0.1
BCH 38.26 314 eP 36 22.23 1.1
BONR 38.54 319 eP 36 24.47 0.8
HHAI 38.68 330 eP 36 24.49 -0.1

ePcP 38 38.43
LMN 39.20 25 eP 36 30.00 1.2
ULM 39.45 351 eP 36 30.00 -0.7
LRM 40.61 332 eP 36 39.70 -1.0

ePcP 38 44.00
JAO 43.26 10 eP 36 58.00 -4.0X
NEW 44.57 331 eP 37 11.00 -1.7
0.9s 6.58nm 4.5mb

DPW 44.81 330 eP 37 14.06 -0.6
ePcP 38 57.36
RMW 46.36 328 (P) 37 28.37 1.4
BAO 47.00 124 e(P) 37 33.00 0.5

e 37 33.90
e 37 34.70
e 37 37.50
e 37 40.90
e 37 43.20
e 38 24.90

BDF 47.09 124 e(P) 37 33.00 -0.2
PPD 48.23 134 eP 37 40.60 -1.4
YKA 54.76 345 eP 38 28.30 -2.4
0.8s 3.80nm 4.5mb

MBC 67.14 352 eP 39 52.00 -2.5
1.0s 5.00nm 4.7mb
ADK 80.98 321 eP 41 15.89 0.9
0.9s 40.00nm 5.4mb

WB2 139.40 253 iPKPc 48 29.40 0.3
0.7s 4.60nm
WARB 145.06 240 ePKP 48 37.00 -1.9
CHG 149.44 349 iPKPd 48 50.50 4.4X
1.0s 13.75nm

GBA 150.76 32 PKP 48 50.00 1.9
BDT 150.96 348 ePKP 48 55.00 6.7X
1.0s 138.00nm
S.D. = 1.2 on 56 of 63 obs.

& SEP 02, 1992 07h 35m 23.70s
40.282 N 124.585 W
DEPTH = 5.0km
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.2 (BRK). Felt (IV)
at Honeydew. Felt in parts of
Humboldt County.

FOX 0.51 62 iPd 35 34.25 0.3
EKR 0.53 39 iPd 35 35.20 0.8
eS 35 43.23
FHC 0.69 41 iPd 35 37.68 0.1
eS 35 46.96

LTCM 1.88 91 eP 35 56.04 -0.8
NWRM 2.25 144 (P) 35 58.62 -3.5
LBFM 2.31 62 eP 36 01.74 -1.4
ORV 2.48 106 eP 36 01.96 -3.5

PCC 3.27 148 eP 36 13.56 -3.0
ARN 3.78 140 iPd 36 21.76 -2.1
GCC 3.83 147 ePc 36 21.33 -3.2
SAO 4.29 144 eP 36 27.18 -3.9

11 obs. associated

& SEP 02, 1992 07h 36m 40.80s
40.280 N 124.548 W
DEPTH = 11.0km
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.1 (BRK). Felt in
parts of Humboldt County.

FOX 0.49 60 ePc 36 50.37 -0.4
EKR 0.52 37 iPd 36 51.36 0.0
eS 36 59.42
FHC 0.68 39 ePc 36 53.82 -0.3
eS 37 03.01

LTCM 1.86 91 (P) 37 10.71 -2.1
MIN 2.25 87 eP 37 16.50 -2.2
ORV 2.45 106 eP 37 21.05 -0.3
PCC 3.25 148 eP 37 29.92 -2.8
ARN 3.76 140 eP 37 37.60 -2.4

GCC 3.81 148 ePc 37 37.40 -3.3
SAO 4.27 144 eP 37 43.22 -4.0
PRS 4.67 147 eP 37 49.28 -3.6
11 obs. associated

SEP 02, 1992 07h 49m 15.52±0.51s
11.458 N ±8.2km 87.264 W ±9.2km
DEPTH = 10.0km (geophysicist)
4.5mb (3 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.62 305 (P) 52 31.00 -0.4
SGS 22.50 15 eP 54 18.81 2.2
JSC 23.37 13 eP 54 26.01 0.9
PWLA 23.43 358 eP 54 25.55 -0.1

UYO 23.54 345 iPd 54 27.30 0.5
LHS 23.66 13 eP 54 28.55 0.6
GBTN 24.26 6 eP 54 33.80 0.0
TKL 24.30 7 eP 54 34.97 0.8

MEO 25.40 338 iPd 54 46.00 1.2
FNO 25.42 340 iPd 54 45.50 0.6
CEH 25.42 16 eP 54 45.20 0.3
0.9s 34.34nm 5.0mb

ELC 25.78 356 eP 54 46.95 -1.3
ACO 27.32 339 iPd 55 02.40 -0.1
CBN 28.07 17 eP 55 08.00 -1.2
ZOBO 33.44 145 P 55 57.20 -0.5

SRU 34.44 327 eP 56 04.86 -0.8
PLM 34.77 314 eP 56 10.15 1.6
MSU 34.92 325 (P) 56 10.64 0.8
EMUT 35.11 328 eP 56 11.12 -0.3

ARUT 35.17 323 eP 56 12.28 0.4
RSSD 35.62 339 eP 56 14.42 -1.2
0.8s 4.71nm 4.4mb
EEO 35.75 10 eP 56 16.00 -0.5

DAU 35.78 328 eP 56 17.18 0.0
BW06 36.74 332 eP 56 23.70 -1.4
0.8s 2.74nm 4.1mb
HVU 37.56 328 (P) 56 31.39 -0.5

BONR 38.29 319 eP 56 39.57 1.2
LMN 39.25 25 eP 56 46.50 0.6
ULM 39.32 351 eP 56 46.00 -0.4
LRM 40.41 333 eP 56 55.00 -0.8

ePcP 59 07.50
JAO 43.23 10 eP 57 15.50 -2.9
DPW 44.60 330 (P) 57 29.62 -0.1
BAO 47.29 124 Pc 57 51.00 -0.5

02d 07h

		e	57	51.90	
		e	57	58.00	
		e	58	02.90	
		e	58	11.80	
BDF	47.37	124	Pc	57	52.50 0.3
		e	57	59.20	
MBC	67.02	352	eP	00	09.00 -1.4
WB2	139.15	253	iPKPc	08	44.80 -0.6
	1.1s				
					2.70nm
GKN	140.00	11	PKP	08	48.80 1.9
KKN	140.32	10	PKP	08	49.00 1.4
DMN	140.47	11	PKP	08	47.80 -0.1
PKI	140.56	10	PKP	08	47.80 -0.3
GBA	150.84	32	PKP	09	10.00 5.1X
KOD	153.64	36	ePKP	09	18.00 8.6X
					S.D. = 1.1 on 39 of 41 obs.

* SEP 02, 1992 08h 12m 00.07±0.91s
 11.665 N ±13.3km 87.685 W ±10.7km
 DEPTH = 10.0km (geophysicist)
 4.5mb (4 obs.)
 NEAR COAST OF NICARAGUA (74)

UYO	23.24	346	iPc	17	09.00 0.6
JSC	23.26	14	eP	17	08.65 0.0
LHS	23.56	14	eP	17	12.46 0.9
GBTN	24.10	7	eP	17	17.22 0.4
TKL	24.15	8	eP	17	17.72 0.5
CEH	25.34	16	eP	17	29.03 0.3
	0.6s				11.63nm 4.7mb
OCO	25.36	341	iPc	17	29.80 0.9
ACO	26.98	339	iPc	17	43.10 -0.8
GOL	32.02	334	eP	18	28.90 -0.3
	1.0s				8.53nm 4.6mb
SRU	34.04	327	eP	18	47.38 0.6
MSU	34.52	325	eP	18	51.21 0.3
ARUT	34.76	323	eP	18	53.06 0.2
RSSD	35.28	339	eP	18	57.78 0.5
	0.9s				3.90nm 4.3mb
DAU	35.38	328	eP	18	59.18 0.8
EEO	35.62	10	eP	19	00.00 0.1
BW06	36.36	332	(P)	19	05.00 -1.5
HVU	37.17	328	(P)	19	12.88 -0.3
BONR	37.86	319	(P)	19	19.08 -0.2
HHA1	38.08	330	(P)	19	21.16 0.3
ULM	39.06	352	eP	19	28.50 -0.3
LRM	40.04	333	eP	19	37.40 0.1
JAQ	43.10	10	eP	19	59.50 -2.4
DPW	44.22	331	eP	20	10.27 -0.9
LON	45.29	327	eP	20	19.33 -0.5
RMW	45.74	328	(P)	20	24.31 0.9
GMW	46.31	327	eP	20	28.95 1.1
BAO	47.74	124	e(P)	20	40.00 0.3
YKA	54.30	345	eP	21	27.00 -1.5
	1.0s				2.90nm 4.3mb
					S.D. = 0.9 on 28 of 28 obs.

* SEP 02, 1992 08h 27m 23.77±0.79s
 10.939 N ±13.3km 86.530 W ±13.3km
 DEPTH = 10.0km (geophysicist)
 4.1mb (3 obs.)
 OFF COAST OF COSTA RICA (77)

VCR	1.20	132	eP	27	44.08 -2.1
SJS	2.63	112	eP	28	12.31 5.2X
LCR2	2.76	115	eP	28	10.15 1.1
OCR	2.77	123	eP	28	09.07 0.0
ICR	2.82	109	eP	28	11.64 1.5
JSC	23.73	11	eP	32	37.66 0.8
PWLA	23.97	357	eP	32	39.77 0.6
LHS	24.01	12	eP	32	38.09 -1.5
UYO	24.23	344	iPc	32	41.90 0.2
GBTN	24.71	5	eP	32	46.57 0.2
TKL	24.73	5	eP	32	46.97 0.3
OLY	24.86	350	eP	32	46.37 -1.5
ACO	28.06	338	iPc	33	17.50 0.0
ALO	30.00	326	eP	33	35.73 0.6
	0.8s				2.50nm 4.1mb
JFWS	32.02	355	eP	33	50.55 -2.0
	0.7s				8.85nm 4.8mb
GLA	34.05	315	eP	34	09.72 -0.7
SRU	35.27	327	eP	34	20.98 0.0
MSU	35.76	324	eP	34	26.85 1.6
DAU	36.60	328	(P)	34	31.92 -0.4
BW06	37.53	332	eP	34	40.00 0.0
	0.9s				0.99nm 3.6mb
ORV	42.12	319	(P)	35	19.00 1.2

S.D. = 1.1 on 20 of 21 obs.

SEP 02, 1992 08h 27m 51.92±0.32s
 11.601 N ±5.7km 87.087 W ±5.1km
 DEPTH = 10.0km (geophysicist)
 5.0mb (20 obs.) 4.9Msz (7 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX	6.01	304	(P)	29	23.00 -0.1
PBJ	9.39	302	(P)	30	06.00 -4.4X
BBJ	11.64	53	ePd	30	48.10 6.9X
STH	11.83	56	Pd	30	50.00 6.2X
YHJ	12.00	57	ePd	30	52.00 5.9X
IISM	12.34	308	(P)	30	49.00 -1.6
IIT	13.09	306	(P)	31	01.70 0.7
ACX	13.44	294	(P)	31	05.00 -0.3
TPM	13.68	304	(P)	31	07.50 -1.1
III	13.72	301	(P)	31	10.00 0.8
UNM	13.96	305	(P)	31	13.50 1.1
MRX	15.78	302	(P)	31	37.00 1.0
COLM	17.68	297	(P)	32	01.00 0.9
HBF	22.11	15	eP	32	51.10 2.0
SGS	22.32	15	eP	32	53.44 2.2
PRM	22.79	10	eP	32	57.68 1.8
JSC	23.19	12	eP	33	01.12 1.3
					ePcP 36 48.70
PWLA	23.29	358	eP	33	00.85 0.1
LHS	23.48	13	eP	33	04.73 2.1
					ePcP 36 49.46
GBTN	24.10	6	eP	33	09.80 1.2
					ePcP 36 51.28
OLY	24.12	351	eP	33	08.43 -0.4
					ePcP 36 51.02
TKL	24.14	7	ePd	33	10.58 1.6
LST	24.93	355	eP	33	15.81 -0.8
CEH	25.24	15	eP	33	20.21 0.6
	0.6s				65.39nm 5.5mb
Z	20s				1.67um 4.6Msz
MEO	25.34	337	iPc	33	20.00 -0.6
FNO	25.34	340	iPc	33	19.50 -1.1
OCO	25.61	340	iPd	33	23.20 0.1
ELC	25.65	356	eP	33	22.03 -1.4
BLA	26.20	12	eP	33	28.97 0.4
	1.3s				80.51nm 5.3mb
NAV	26.22	11	eP	33	28.84 0.0
FVM	26.44	354	eP	33	29.18 -1.6
	0.7s				16.09nm 4.8mb
CBN	27.88	17	eP	33	45.00 1.1
ALO	29.15	326	eP	33	56.59 0.9
	1.0s				18.30nm 4.8mb
					ePcP 37 04.11
					eScP 40 49.10
LVNJ	31.05	18	eP	34	12.17 0.0
JFWS	31.32	356	eP	34	13.09 -1.4
	0.9s				41.43nm 5.3mb
TBR	31.52	19	eP	34	16.85 0.5
TYNO	32.00	10	P	34	20.20 -0.3
STCO	32.23	11	P	34	22.28 -0.2
GOL	32.34	333	eP	34	23.44 -0.4
	1.2s				27.95nm 5.1mb
					ePcP 37 13.07
ACTO	32.47	10	P	34	24.41 -0.2
WLVO	33.07	12	P	34	29.59 -0.2
GLA	33.20	314	eP	34	32.01 0.9
ZOBO	33.46	146	iPc	34	34.80 0.6
	1.8s				38.72nm 5.0mb
					LR 45 48.00
LPB	33.68	146	P	34	37.00 1.1
	Z	18s			2.06um 4.9Msz
					LR 45 08.00
SRU	34.42	327	eP	34	41.27 -0.6
					eP 34 50.70 32kmX
					ePcP 37 17.31
PLM	34.80	313	eP	34	46.29 1.1
					ePcP 37 18.78
MSU	34.91	324	eP	34	47.01 0.9
					ePcP 37 20.23
EMUT	35.08	327	eP	34	47.37 -0.2
					eP 34 56.95 32kmX
ARUT	35.16	322	eP	34	48.59 0.4
					eP 34 58.09 32kmX
PEC	35.29	314	eP	34	48.60 -0.6
	1.1s				11.43nm 4.7mb
					ePcP 37 21.60
CCH	35.46	144	P	34	51.80 0.7
RSSD	35.55	339	eP	34	50.65 -0.8
	0.7s				15.02nm 5.0mb

	Z	21s		0.75um		4.4Msz
					epP	35 00.95 35kmX
					ePcP	37 20.43
					eScP	41 09.04
EEO	35.58	10	ePd			34 52.00 0.6
DAU	35.75	328	eP			34 52.95 -0.4
					ePcP	37 22.15
TPNV	36.39	319	eP			34 59.61 1.0
	1.0s					30.11nm 5.1mb
	Z	19s				2.22um 5.0Msz
						ePcP 37 25.21
DUG	36.43	326	eP			34 58.40 -0.5
	1.1s					30.96nm 5.0mb
						epP 35 08.12 33kmX
ISA	37.14	315	eP			35 04.81 0.0
	1.4s					17.42nm 4.6mb
HVU	37.53	328	eP			35 07.44 -0.7
TNP	37.68	320	(P)			35 08.68 -0.8
	1.2s					24.43nm 4.8mb
						epP 35 19.38 38kmX
BCH	38.02	314	eP			35 13.62 1.3
						ePcP 37 29.61
PTI	38.11	329	eP			35 12.45 -0.6
BONR	38.30	319	eP			35 15.83 1.0
						ePcP 37 30.09
						ePcP 37 40.08
HHA1	38.43	330	eP			35 15.13 -0.5
						ePcP 37 29.96
PHAM	38.57	314	eP			35 18.15 1.4
FRI	38.70	316	eP			35 20.15 2.4
KVN	38.81	320	eP			35 19.78 0.8
PRI	38.91	315	eP			35 21.41 1.7
LMN	39.05	25	ePc			35 22.70 2.1
ULM	39.21	351	ePd			35 21.10 -0.8
PRS	39.50	314	eP			35 25.63 1.1
ARN	40.13	316	eP			35 30.45 0.7
GCC	40.28	315	eP			35 32.04 1.1
LRM	40.36	332	eP			35 31.30 -0.5
						e 35 41.30
						ePcP 37 35.90
ORV	41.26	319	eP			35 40.32 1.4
MIN	41.76	319	eP			35 43.42 0.2
LBFM	42.50	320	eP			35 49.04 -0.3
JAQ	43.06	10	eP			35 51.50 -2.0
SES	43.40	338	eP			36 02.00 5.7X
FHC	43.54	319	eP			35 58.63 1.0
VGB	44.33	326	eP			36 02.36 -1.6
DPW	44.56	330	eP			36 04.38 -1.4
LON	45.67	327	eP			36 13.29 -1.3
						iPcP 37 53.01
RMW	46.11	328	eP			36 16.63 -1.5
BMW	46.27	326	eP			36 17.44 -2.0
						ePcP 37 55.84
GMW	46.68	327	eP			36 20.44 -2.2
						ePcP 37 56.16
BAO	47.22	124	Pd			36 26.90 -0.5
						e 36 28.00
						e 36 49.90
BDF	47.31	124	Pc			36 28.70 0.6
						e 36 42.20
MCW	47.41	328	eP			36 26.79 -1.6
						ePcP 37 59.30
PPD	48.46	134	(P)			36 36.00 -0.9
VAO	52.21	131	(P)			37 04.00 -1.6
YKA	54.52	345	eP			37 19.70 -2.3</

MLR 97.33 41 ePd 41 25.00 -1.9
 HHC 125.04 343 PKP 46 56.00 1.5
 TIY 127.64 340 ePKP 47 01.00 1.4
 Z 16s 0.60um 5.4mszx
 E 15s 1.00um
 GTA 128.85 353 PKPd 47 02.00 0.1
 SSE 129.61 328 PKPc 47 04.00 0.6
 LZH 131.46 348 ePKP 47 08.00 1.0
 XAN 132.13 342 PKPc 47 10.00 1.8
 CD2 136.47 346 ePKP 47 17.40 0.9
 LSA 138.91 2 ePKP 47 21.00 0.1
 ASPA 139.28 247 ePKP 47 21.00 -0.9
 1.4s 11.90nm
 WB2 139.36 253 ePKP 47 13.10 -9.0X
 1.1s 2.20nm
 i 47 21.90
 GKN 139.82 11 PKP 47 16.10 -6.9X
 GYA 139.88 341 PKP 47 22.40 -0.7
 GUN 140.14 10 PKP 47 16.10 -7.7X
 KKN 140.15 11 PKP 47 16.14 -7.5X
 DMN 140.30 11 PKP 47 16.08 -7.9X
 PKI 140.39 10 PKP 47 16.10 -8.1X
 KMI 142.26 345 ePKP 47 27.00 -0.5
 WARB 145.08 241 ePKP 47 30.00 -2.0
 QIZ 145.29 331 iPKPd 47 33.00 0.5
 HY8 147.87 26 ePKP 47 36.20 -0.6
 CHG 149.20 349 ePKPd 47 40.00 1.2
 1.2s 51.95nm
 MUN 150.47 223 ePKP 47 45.00 4.6X
 TSM 150.58 301 ePKP 47 43.00 2.0X
 GBA 150.63 32 PKP 47 42.00 1.0
 NST 151.98 345 ePKP 47 50.00 7.0X
 KOD 153.43 36 ePKP 47 53.70 8.2X
 S.D. = 1.2 on 113 of 130 obs.

* SEP 02, 1992 08h 29m 14.79±0.72s
 0.703 S ± 8.4km 100.600 E ±12.2km
 DEPTH = 33.0km (normol)
 4.6mb (5 obs.)

SOUTHERN SUMATERA, INDONESIA (274)

KGM 3.83 45 iPc 30 13.70 0.8
 i 30 29.40
 iS 31 16.40
 IPM 5.26 5 ePc 30 33.00 -0.3
 e 30 57.00
 eS 31 58.00
 SNG 7.83 0 eP 31 08.90 -0.4
 eS 33 22.00
 NNT 13.23 356 eP 32 21.00 -1.2
 KHT 15.52 353 eP 32 52.00 -0.1
 NST 16.28 358 eP 33 04.00 1.4
 KMI 25.76 4 eP 34 49.00 4.4X
 PKI 31.68 334 P 35 37.76 -0.2
 GUN 31.77 335 P 35 49.02 10.2X
 DMN 31.85 333 P 35 39.44 0.1
 KKN 31.92 334 P 35 39.44 -0.5
 GKN 32.39 333 P 35 43.74 -0.3
 WB2 38.16 122 iPd 36 31.40 -1.8
 0.5s 4.00nm 4.5mb
 ASPA 39.54 128 eP 36 45.30 0.6
 0.8s 5.70nm 4.4mb
 KAF 83.31 333 eP 41 40.30 0.9
 0.7s 6.50nm 4.9mb
 BRG 88.42 321 e(P) 42 12.00 7.1X
 1.5s 25.00nm 5.3mb
 GEC2 88.48 319 eP 42 11.00 5.7X
 0.8s 1.65nm 4.4mb
 BAO 144.98 241 e(PKP) 48 52.50 1.0
 e 48 57.80
 S.D. = 0.9 on 14 of 18 obs.

* SEP 02, 1992 08h 32m 24.03±0.56s
 11.623 N ± 9.2km 87.228 W ± 9.5km
 DEPTH = 10.0km (geophysicist)
 4.7mb (12 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 13.55 304 (P) 35 38.50 -0.6
 III 13.59 301 (P) 35 41.00 1.4
 SGS 22.33 15 eP 37 26.28 2.8
 JSC 23.20 13 eP 37 33.56 1.6
 LHS 23.49 13 eP 37 36.14 1.3
 OLY 24.08 351 eP 37 40.17 -0.4
 TKL 24.13 7 eP 37 42.49 1.4
 CEH 25.26 16 eP 37 53.17 1.3
 0.8s 36.51nm 5.1mb

FKO 25.28 340 iPc 37 51.50 -0.6
 FNO 25.28 340 iPc 37 51.50 -0.6
 ELC 25.62 356 eP 37 54.45 -0.8
 ACO 27.18 339 iPc 38 07.50 -2.2
 CBN 27.90 17 eP 38 16.00 -0.2
 ALO 29.06 326 eP 38 27.02 0.1
 1.2s 10.77nm 4.5mb
 JFWS 31.29 356 eP 38 44.25 -2.1
 1.0s 31.44nm 5.2mb
 GOL 32.26 333 eP 38 54.57 -0.7
 0.8s 6.22nm 4.6mb
 ZOBO 33.56 145 eP 39 08.00 0.8
 SRU 34.32 327 eP 39 13.05 -0.1
 MSU 34.81 325 eP 39 18.36 1.0
 EMUT 34.99 327 eP 39 18.30 -0.6
 RSSD 35.48 339 eP 39 22.40 -0.6
 0.8s 12.15nm 4.8mb
 CCH 35.56 144 eP 39 24.00 0.0
 EEO 35.58 10 ePd 39 24.00 0.5
 DAU 35.66 328 eP 39 24.70 0.0
 TPNV 36.28 319 (P) 39 31.70 1.9
 0.8s 3.46nm 4.2mb
 DUG 36.33 326 eP 39 30.42 0.2
 1.1s 13.16nm 4.7mb
 BW06 36.61 332 eP 39 31.29 -1.3
 1.5s 22.88nm 4.8mb
 HVU 37.44 328 eP 39 39.33 -0.1
 TNP 37.57 320 (P) 39 41.35 0.7
 0.8s 4.52nm 4.3mb
 BCH 37.91 314 eP 39 46.00 2.6
 PTI 38.02 330 eP 39 45.75 1.4
 BONR 38.19 319 eP 39 47.31 1.3
 eP 39 57.21 34kmX
 HHA1 38.34 330 eP 39 47.00 0.0
 LMN 39.09 25 eP 39 54.00 0.9
 ULM 39.17 351 eP 39 53.00 -0.6
 LRM 40.28 333 eP 40 00.30 -2.9
 e 40 08.40
 ePcP 42 08.10
 LBFM 42.40 321 eP 40 22.02 1.4
 JAO 43.06 10 ePd 40 23.40 -2.2
 SES 43.32 338 eP 40 27.00 -0.8
 DPW 44.47 330 eP 40 36.03 -1.2
 LON 45.57 327 eP 40 44.68 -1.3
 RMW 46.02 328 (P) 40 49.25 -0.3
 BAO 47.35 124 e(P) 40 59.00 -1.5
 e 41 07.00
 e 41 10.50
 e 41 22.70
 BDF 47.44 124 e(P) 41 01.00 -0.2
 e 41 03.00
 e 41 15.00
 YKA 54.46 345 eP 41 53.60 -0.1
 0.9s 4.90nm 4.5mb
 MBC 66.86 352 eP 43 16.00 -1.9
 1.2s 9.00nm 4.8mb
 GEC2 88.42 40 eP 45 14.60 -3.2X
 1.3s 2.67nm 4.4mb
 e 45 23.30
 TOO 126.38 232 ePKP 51 34.00 4.7X
 0.7s 13.00nm
 ASPA 139.16 247 ePKP 51 58.40 4.6X
 1.1s 6.10nm
 WB2 139.23 253 iPKPc 51 54.20 0.2
 0.6s 7.50nm
 GBA 150.68 32 PKP 52 14.00 0.8
 KOD 153.49 36 ePKP 52 26.00 8.3X
 S.D. = 1.3 on 48 of 52 obs.

* SEP 02, 1992 08h 59m 49.82±0.95s
 11.161 N ±13.7km 86.806 W ±11.1km
 DEPTH = 10.0km (geophysicist)
 4.3mb (4 obs.)

NEAR COAST OF NICARAGUA (74)

TPM 14.15 305 (P) 03 12.50 -0.3
 JSC 23.56 12 eP 05 01.96 0.7
 PWLA 23.74 357 eP 05 03.10 0.1
 LHS 23.85 12 eP 05 04.96 0.9
 GBTN 24.51 5 eP 05 10.93 0.4
 TKL 24.54 6 ePd 05 11.19 0.4
 CEH 25.59 15 eP 05 21.06 0.2
 0.6s 7.97nm 4.6mb
 CBN 28.22 16 eP 05 45.00 0.1
 JFWS 31.78 355 eP 06 14.13 -2.3
 1.0s 14.14nm 4.8mb
 MSU 35.42 325 eP 06 48.93 0.5

EEO 35.96 9 ePd 06 52.00 -0.6
 RSSD 36.05 339 eP 06 53.96 0.3
 0.8s 2.13nm 4.1mb
 DAU 36.26 328 eP 06 54.87 -0.7
 BW06 37.21 332 eP 07 02.00 -1.4
 1.0s 2.50nm 3.9mb
 BONR 38.81 319 (P) 07 17.84 0.9
 HHA1 38.95 330 (P) 07 17.74 -0.1
 LMN 39.33 24 eP 07 21.50 0.6
 ULM 39.68 351 eP 07 22.00 -1.7
 ORV 41.77 319 eP 07 43.01 2.0
 BAO 46.75 124 Pd 08 20.90 -0.6
 e 08 22.80
 e 08 27.20
 WB2 139.49 252 ePKP 19 24.20 3.9X
 0.8s 2.30nm
 GBA 150.85 33 PKP 19 40.00 0.8
 S.D. = 1.0 on 21 of 22 obs.

% SEP 02, 1992 09h 08m 35.13±2.23s
 44.795 N ± 8.2km 6.728 E ±17.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)

ML 1.7 (GEN).

RRL 0.13 18 P 08 38.73 0.2
 S 08 40.99
 BHB 0.38 83 P 08 42.89 -0.1
 S 08 48.37
 PZZ 0.39 137 P 08 43.26 0.0
 S 08 49.05
 RSP 0.52 46 P 08 45.91 0.3
 S 08 53.18
 LSD 0.73 24 P 08 49.24 -0.4
 S 08 58.78
 S.D. = 0.4 on 5 of 5 obs.

* SEP 02, 1992 09h 13m 59.16±1.10s
 31.502 S ± 7.7km 71.665 W ±12.9km
 DEPTH = 125.0 ± 19.1 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.3 (SAN).

JACH 1.49 143 iPd 14 25.18 -2.1
 iS 14 42.09
 IHA 1.52 179 eP 14 28.80 1.3
 eS 14 49.00
 TLL 1.52 29 iPd 14 28.00 0.2
 ROCH 1.57 159 iP+ 14 27.25 -1.1
 iS 14 46.54
 PEL 1.83 153 iP 14 30.55 -0.8
 iS 14 52.67
 LCCH 1.97 178 iP 14 32.89 0.0
 iS 14 58.21
 SAN 2.12 157 iP 14 35.12 0.2
 FCH 2.16 148 iP 14 35.05 -0.6
 iS 15 01.19
 TACH 2.23 164 iP 14 36.40 0.1
 iS 15 03.09
 PCH 2.33 156 iP 14 37.61 0.1
 iS 15 05.87
 LNV 2.46 175 iP+ 14 38.96 -0.1
 iS 15 08.90
 ZON 2.55 92 eP 14 42.00 1.6
 eS 15 11.00
 CHCH 2.57 161 iPd 14 41.26 0.6
 iS 15 10.36
 CACH 2.76 161 iPd 14 44.39 1.2
 iS 15 16.54
 CFA 2.93 93 eP 14 46.10 0.8
 TCA 6.05 90 eP 15 26.70 -0.9
 i 15 28.80
 (S) 16 31.50
 LPB 15.25 13 P 17 29.00 -0.5
 ZOBO 15.48 13 P 17 39.20 6.6X
 S.D. = 1.0 on 17 of 18 obs.

SEP 02, 1992 09h 17m 39.92±0.43s
 12.001 N ± 6.8km 87.969 W ± 6.9km
 DEPTH = 10.0km (geophysicist)
 4.7mb (9 obs.)

NEAR COAST OF NICARAGUA (74)

SJS 4.36 118 eP 18 50.00 2.2
 eS 20 04.17
 LCR2 4.50 120 eP 18 50.71 0.9
 OCR 4.53 124 eP 18 50.43 0.3

02d 09h

ICR	4.53	116	eP	18	54.59	4.0X	PPM	13.08	308	(P)	22	11.34	1.8	ULM	39.49	352	eP	26	31.00	-1.8
TPM	12.74	304	(P)	20	44.50	0.3	IJA	13.15	308	(P)	22	12.28	2.3	LMN	39.67	25	eP	26	35.00	0.7
III	12.78	301	(P)	20	47.00	2.3	TPM	13.37	307	(P)	22	12.50	-0.6	ARN	39.95	316	eP	26	37.94	1.1
HBF	21.97	17	(P)	22	36.61	0.9	III	13.37	304	(P)	22	15.82	2.6				ePcP	28	43.12	
SGS	22.17	17	eP	22	38.00	0.3	MRX	15.45	305	(P)	22	43.47	3.3X	ORV	41.12	319	ePd	26	47.57	1.2
PRM	22.57	12	eP	22	41.91	0.2	COLM	17.29	299	(P)	23	04.50	0.7	LTCM	41.89	320	eP	26	52.07	-0.5
UYO	22.84	346	iPc	22	44.80	0.4	PORP	21.52	69	P	23	51.80	-0.1	LBFM	42.39	321	eP	26	57.15	0.2
JSC	23.00	14	eP	22	46.33	0.4	CLLP	21.58	69	P	23	52.30	-0.2	FOX	43.25	319	eP	27	05.26	1.5
LHS	23.31	15	eP	22	50.14	1.2	HBF	22.65	16	(P)	24	05.24	2.2	FHC	43.40	319	eP	27	06.51	1.5
OLY	23.61	353	eP	22	51.35	-0.5	SGS	22.86	16	eP	24	06.72	1.6	JAO	43.55	10	eP	27	04.00	-2.0
GBTN	23.80	8	eP	22	55.30	1.5	PRM	23.29	11	eP	24	09.67	0.4	VGB	44.29	327	eP	27	11.35	-0.8
			ePcP	26	19.85		JSC	23.71	13	eP	24	13.66	0.3	DPW	44.57	331	eP	27	13.83	-0.6
TKL	23.86	8	eP	22	54.62	0.4	LHS	24.01	14	eP	24	15.86	-0.4				iPcP	28	57.98	
MEO	24.65	339	iPc	23	01.40	-0.6				ePcP	27	59.41		LON	45.63	327	eP	27	21.43	-1.5
FKO	24.68	341	iPc	23	02.20	-0.1	OLY	24.41	353	eP	24	18.73	-1.5				iPcP	29	01.07	
FNO	24.68	341	iPd	23	02.20	-0.1	GBTN	24.55	7	eP	24	21.56	0.0	RMW	46.09	328	eP	27	25.27	-1.2
OCO	24.95	341	iPc	23	05.00	0.9				ePcP	28	00.73					e	29	02.29	
CEH	25.10	17	eP	23	06.12	-0.2	TKL	24.60	8	eP	24	21.55	-0.5	BMW	46.22	326	eP	27	25.95	-1.6
	0.8s	33.61nm			5.1mb		SKI	24.98	73	eP	24	26.64	0.8	GMW	46.65	328	eP	27	29.87	-1.1
			ePcP	26	29.63		NEV	25.10	74	eP	24	28.70	1.7				iPcP	29	05.01	
ELC	25.20	358	eP	23	05.71	-1.5	MGH	25.36	75	eP	24	28.08	-1.4	MCW	47.40	329	eP	27	36.04	-0.8
NAV	26.02	13	eP	23	14.53	-0.4	GRW	25.56	85	eP	24	32.78	1.3	BAO	47.55	123	Pc	27	37.90	-0.6
ACO	26.57	340	iPc	23	19.10	-0.9	BPA	25.76	74	eP	24	33.52	0.3				e	27	43.00	
CBN	27.76	18	eP	23	31.00	0.2	PAG	25.77	76	eP	24	32.00	-1.4				e	27	46.50	
ALQ	28.34	327	eP	23	37.19	0.8	CEH	25.79	16	eP	24	33.26	0.0				e	27	49.20	
	1.0s	5.58nm			4.3mb			1.1s	157.09nm			5.6mb					e	27	56.00	
JFWS	30.86	357	eP	23	57.12	-1.4	Z	22s	1.64um			4.5MsZ					e	28	24.50	
	0.5s	7.19nm			4.8mb					ePcP	28	03.64					e	29	08.50	
			ePcP	27	22.92		TPP	25.85	89	eP	24	34.07	0.0	PGC	47.70	328	eP	27	39.00	-0.1
LVNJ	30.96	20	eP	23	58.15	-1.2	TRN	25.87	89	eP	24	34.91	0.6	VAO	52.45	131	eP	28	10.50	-5.4X
GOL	31.60	334	eP	24	05.38	0.0	SVB	25.97	83	eP	24	37.86	2.6	ITR	52.93	110	eP	28	18.30	-1.2
	0.7s	10.06nm			4.8mb		ELC	25.99	357	eP	24	35.26	0.1				e	29	27.30	
GLA	32.30	315	eP	24	10.58	-0.8				iPcP	28	03.64		YKA	54.72	345	eP	28	29.60	-2.4
ZOBO	34.28	145	P	24	29.00	-0.3	MGG	26.11	77	eP	24	36.00	-0.4		0.8s	9.40nm			4.9mb	
	1.2s	16.89nm			4.8mb		DEG	26.40	76	eP	24	34.00	-5.2X	SIT	58.43	332	P	29	10.00	11.5X
Z	24s	0.93um			4.4MsZ		BLA	26.71	13	eP	24	41.39	-0.5	Z	21s	1.92um			5.2MsZ	
			LR	35	54.00					24.16nm		5.0mb		BALM	63.54	334	eP	29	32.52	-0.8
RSSD	34.87	340	eP	24	33.68	0.0	NAV	26.73	12	eP	24	41.22	-0.8	RUV	64.62	247	iP	29	40.40	-0.5
	0.6s	7.23nm			4.7mb		ALQ	29.11	327	eP	25	03.72	-0.1		1.2s	125.00nm			6.0mb	
DAU	34.95	328	(P)	24	35.00	0.4				iPcP	28	12.30		TPT	64.76	248	iP	29	41.30	-0.5
EEO	35.34	11	eP	24	37.50	0.1	MCWV	29.18	13	P	25	10.00	5.8X		1.2s	80.00nm			5.8mb	
BW06	35.94	333	eP	24	41.50	-1.3	Z	22s	1.82um			4.6MsZ		VAH	64.86	247	iP	29	42.00	-0.4
	0.7s	5.85nm			4.6mb		LVNJ	31.62	19	eP	25	24.70	-1.1		1.2s	95.00nm			5.9mb	
CCH	36.29	143	eP	24	46.00	-0.1	JFWS	31.65	357	eP	25	25.28	-0.8	PMO	65.02	248	iP	29	43.10	-0.4
HVU	36.73	328	eP	24	50.59	1.2				10.31nm		4.9mb			1.2s	70.00nm			5.7mb	
BONR	37.43	319	eP	24	56.71	1.2	ARE	31.86	149	eP	25	30.00	1.6	KLU	65.30	333	eP	29	44.31	-0.4
HHA1	37.66	330	eP	24	57.88	0.8	TBR	32.10	19	(P)	25	31.09	1.1	TOA	65.66	334	eP	29	47.50	0.5
ULM	38.69	352	eP	25	05.00	-0.5				ePcP	28	19.27		PMR	66.77	333	eP	29	53.80	-0.1
LMN	39.06	26	eP	25	10.00	1.3	GOL	32.39	334	ePd	25	32.22	-0.7		1.1s	62.60nm			5.7mb	
LRM	39.61	333	eP	25	12.10	-1.5				57.19nm		5.3mb		SLKM	66.90	332	eP	29	54.08	-0.8
SES	42.70	338	eP	25	38.00	-0.7	Z	19s	1.41um			4.7MsZ		KDC	67.19	328	eP	29	57.20	0.5
JAO	42.82	11	ePc	25	36.30	-3.2X				ePcP	28	20.65		MBC	67.19	352	ePc	29	55.20	-1.3
DPW	43.79	331	eP	25	48.11	0.6	GLA	33.01	315	eP	25	38.36	0.3		1.0s	25.00nm			5.4mb	
LON	44.86	327	eP	25	57.13	0.9	HRV	34.22	22	P	26	00.00	11.6X	FBA	67.43	336	eP	29	57.80	-0.4
RMW	45.31	328	eP	25	59.59	-0.3	Z	21s	3.36um			5.0MsZ			1.5s	90.60nm			5.7mb	
BMW	45.45	326	(P)	26	00.72	-0.3	SRU	34.39	328	eP	25	49.02	-1.1	PAE	67.46	246	iP	29	58.50	-0.5
GMW	45.88	327	eP	26	04.53	0.3	MSU	34.85	325	eP	25	54.31	0.2		1.1s	75.00nm			5.8mb	
BAO	48.16	124	Pc	26	20.90	-1.9	EMUT	35.06	328	eP	25	55.91	0.0	CRP	68.04	332	eP	30	01.34	-0.9
			e	26	29.90		ARUT	35.07	323	eP	25	57.03	1.0	REF	68.06	331	iP	30	01.70	-0.7
			e	26	32.90		PEC	35.09	315	eP	25	56.44	0.4	CPKM	68.07	332	eP	30	00.38	-2.1
			e	26	40.00					169.49nm		5.5mb		SVW	69.61	331	eP	30	10.60	-1.1
BDF	48.25	124	e(P)	26	22.00	-1.5	SSK	35.64	315	eP	26	02.00	1.2		1.6s	268.30nm			6.1mb	
			e	26	33.00		RSSD	35.67	340	eP	26	00.07	-1.0	IMA	70.14	337	eP	30	14.60	-0.4
			e	27	39.00					14.73nm		5.0mb		TTA	70.24	333	eP	30	15.20	-0.4
			e	27	43.00					ePcP	28	29.15		SDN	71.04	325	eP	30	20.50	0.0
			e	27	45.00		DAU	35.73	329	eP	26	01.64	-0.1	EKA	77.79	36	P	31	06.00	6.6X
			e	27	52.00					ePcP	28	30.38			0.8s	8.70nm			4.9mb	
			e	28	10.00		EEO	36.07	10	eP	26	04.00	-0.1	MAL	78.08	55	iPc	31	08.00	6.6X
YKA	53.91	345	eP	27	03.50	-2.0	BNH	36.16	20	eP	26	04.99	0.1	AIA	78.26	170	eP	31	02.00	0.3
	1.1s	4.10nm			4.4mb		TPNV	36.25	320	P	26	20.00	14.0X	GRR	79.66	43	eP	31	15.20	5.4X
MBC	66.39	352	eP	28	29.00	-1.8	Z	19s	2.22um			5.0MsZ			0.9s	20.00nm			5.1mb	
	0.9s	5.00nm			4.7mb		DUG	36.39	327	eP	26	07.03	0.0	FLN	79.87	42	eP	31	15.70	4.8X
WB2	138.64	253	ePKP	37	05.60	-3.2X				8.40nm		4.6mb			0.9s	16.85nm			5.0mb	
	0.7s	2.20nm					BW06	36.73	333	eP	26	08.30	-1.7	Z	21s	0.35um			4.7MsZ	
GBA	150.73	30	PKP	37	33.00	3.9X				13.42nm		4.7mb		LDF	80.13	42	eP	31	28.50	16.2X
	S.D. = 1.0	on 50 of 54 obs.					ISA	36.96	316	eP	26	12.43	0.5		1.2s	39.85nm				
										64.15nm		5.3mb		ADK	80.62	321	eP	31	15.02	0.2
SEP 02, 1992 09h 19m 00.47 ± 0.22s							ABL	37.04	315											

CAF 82.05 46 eP 31 23.30 0.8
1.1s 13.65nm 5.0mb
AVF 82.68 44 eP 31 25.70 0.0
0.9s 7.70nm 4.9mb
SMF 83.03 44 eP 31 26.70 -0.9
0.9s 8.70nm 4.9mb
BSF 84.81 42 eP 31 37.00 0.4
CDF 85.02 42 eP 31 37.20 -0.5
1.0s 9.40nm 5.0mb
LPL 85.21 45 eP 31 39.20 0.3
LPG 85.23 45 eP 31 39.50 0.5
1.0s 6.00nm 4.8mb
HFS 85.99 29 eP 31 41.20 -0.9
0.5s 1.00nm 4.2mb
SMY 86.05 323 (P) 31 41.59 -0.9
1.1s 179.14nm 6.2mb
Z 20s 1.56um 5.4Msz
GRF 87.27 40 eP 31 50.00 1.4
Z 21s 0.70um 5.0Msz
CLL 87.96 38 iP 31 52.60 0.7
0.9s 11.00nm 5.2mb
KHC 88.91 40 eP 31 56.50 0.0
1.0s 5.40nm 4.8mb
Z 22s 0.70um 5.0Msz
N 22s 0.10um
E 22s 0.80um
e 32 06.00
e 42 28.00
GEC2 89.06 40 e(PKP) 31 56.50 -0.9
1.0s 2.98nm 4.5mb
e 32 02.40
e 32 06.80
ZST 91.41 40 eP 32 09.40 1.3
MAIO 123.55 32 ePKP 38 01.00 0.7
BJI 124.38 338 ePKP 38 01.00 -0.7
WMO 125.07 4 PKP 38 02.00 -1.0
HHC 125.20 342 PKP 38 04.00 0.6
Z 20s 0.62um 5.3Msz
TOO 125.72 232 iPKPc 38 04.00 -0.5
e 38 20.00
BTO 125.89 343 ePKP 38 05.00 0.2
CMS 126.73 239 iPKPc 38 06.10 -0.4
0.7s 4.00nm
TIY 127.78 340 PKP 38 08.30 -0.1
Z 20s 0.75um 5.4Msz
GTA 129.15 352 ePKP 38 10.00 -1.0
SSE 129.59 327 PKPd 38 11.50 -0.4
STK 130.20 238 iPKPc 38 12.70 -0.4
0.7s 5.40nm
e 38 29.40
e 41 35.60
LZH 131.70 347 ePKP 38 16.00 0.0
Z 20s 0.49um 5.2Msz
XAN 132.28 341 iPKPc 38 16.90 -0.2
OIS 133.65 252 iPKPc 38 19.20 -0.8
1.1s 14.00nm
CD2 136.68 346 ePKP 38 25.60 0.1
NDI 137.76 20 iPKPd 38 28.00 0.4
ASPA 138.53 247 ePKP 38 28.20 -0.9
0.8s 15.30nm
WB2 138.62 253 ePKP 38 21.30 -8.1X
0.9s 4.00nm
i 38 28.90
e 38 41.70
GKN 140.32 11 PKP 38 25.96 -6.5X
GUN 140.62 9 PKP 38 22.28 -10.9X
KKN 140.64 10 PKP 38 25.00 -8.1X
DMN 140.79 10 PKP 38 25.16 -8.3X
PKI 140.88 10 PKP 38 25.52 -8.1X
CGP 142.27 300 ePKP 38 33.50 -2.5X
0.8s 17.00nm
KMI 142.46 344 ePKP 38 32.00 -4.4X
pPKP 38 36.50
WARB 144.32 240 ePKP 38 36.00 -3.3X
BOM 144.47 33 ePKP 38 36.50 -3.1X
QIZ 145.30 330 PKPc 38 41.30 0.3
POO 145.31 32 iPKPc 38 40.40 -0.7
RKG 147.60 220 ePKP 38 46.00 1.6
HYB 148.50 26 ePKP 38 46.00 -0.3
1.0s 110.00nm
CHG 149.44 347 ePKP 38 47.00 -0.7
1.3s 149.04nm
MUN 149.75 223 ePKP 38 48.00 0.2
e 39 09.00
TSM 150.21 300 ePKP 38 54.50 5.5X
BAL 150.22 226 ePKP 38 53.00 4.4X
BDT 150.94 347 ePKP 38 56.50 6.6X

1.2s 326.50nm
GBA 151.30 31 PKP 38 51.00 0.5
MBL 151.77 246 ePKP 38 56.50 5.4X
0.6s 31.00nm
NST 152.17 344 ePKP 38 52.00 0.2
KOD 154.12 35 ePKP 39 04.00 9.0X
S.D. = 1.0 on 145 of 172 obs.
SEP 02, 1992 09h 28m 21.52s
34.116 N 116.990 W
DEPTH = 5.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.0 (GS).
Felt (IV) at Highland and (II) at Redlands.
PEC 0.26 212 iPd 28 26.56 -0.4
SSK 0.59 279 iPd 28 32.72 -0.7
PLM 0.77 172 iPd 28 35.82 -1.2
eS 28 45.92
ISA 1.97 322 ePn 28 56.81 0.9
ABL 1.98 292 eP 28 56.27 0.0
GLA 2.09 120 ePn 28 55.55 -2.1
BCH 2.76 294 ePn 29 06.92 -0.4
ePg 29 11.88
PHAM 3.28 302 eP 29 15.39 0.8
TNP 3.96 357 (Pn) 29 25.28 0.9
BONR 3.98 345 ePn 29 27.39 2.7
MSU 5.86 40 (P) 30 00.34 9.0
11 obs. associated
SEP 02, 1992 09h 35m 03.25±0.71s
11.650 N ±10.2km 87.867 W ±12.9km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)
NEAR COAST OF NICARAGUA (74)
PRM 22.89 12 eP 40 08.85 0.6
UYO 23.21 346 iPd 40 11.40 0.1
JSC 23.32 14 eP 40 13.53 1.2
LHS 23.62 15 eP 40 14.44 -0.8
GBTN 24.14 7 eP 40 20.56 0.2
TKL 24.19 8 eP 40 20.92 0.1
MEO 25.01 339 iPd 40 27.60 -1.2
FNO 25.05 341 e(P) 40 29.00 -0.1
CEH 25.41 17 eP 40 32.54 0.0
0.6s 11.35nm 4.7mb
ACO 26.93 340 iPd 40 45.40 -1.3
ZOB0 33.94 144 eP 41 49.00 -0.7
MSU 34.43 325 (P) 41 55.26 1.9
RSSD 35.23 340 eP 42 00.50 0.4
0.6s 2.18nm 4.2mb
DAU 35.30 328 (P) 42 00.55 -0.3
EEO 35.66 10 eP 42 03.00 -0.5
BW06 36.29 333 (P) 42 08.00 -1.1
1.5s 4.58nm 4.1mb
BONR 37.76 319 eP 42 22.46 0.9
HHA1 38.01 331 (P) 42 25.40 2.0
SIV 38.17 135 P 42 25.40 0.5
ULM 39.05 352 eP 42 30.50 -1.4
LMN 39.33 26 eP 42 35.00 0.7
LRM 39.97 333 eP 42 39.50 -0.4
SES 43.07 338 eP 43 04.00 -1.0
GBA 150.98 31 PKP 55 00.00 7.2X
S.D. = 1.0 on 23 of 24 obs.
SEP 02, 1992 09h 38m 45.33±2.57s
43.273 N ±17.0km 18.770 E ±14.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.6 (TTG).
BRY 0.41 204 iPg 38 53.62 -0.1
iSg 38 59.55
PLE 0.46 83 iPg 38 54.68 0.0
iSg 39 01.50
NKY 0.49 160 iPg 38 55.17 -0.1
iSg 39 02.57
HCY 0.85 194 iPg 39 01.77 0.1
iSg 39 14.29
TTG 0.92 157 iPg 39 02.97 0.1
iSg 39 16.29
S.D. = 0.2 on 5 of 5 obs.
SEP 02, 1992 09h 43m 43.65s
34.347 N 116.467 W
DEPTH = 9.0km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).
PEC 0.73 232 iPd 43 57.00 -1.2
SSK 1.02 263 eP 44 02.35 -0.9
PLM 1.04 198 ePc 44 02.72 -0.9
ISA 2.11 309 ePn 44 20.57 1.0
ABL 2.33 283 ePn 44 21.34 -1.6
TPNV 2.60 4 ePn 44 27.69 0.9
BONR 3.89 338 (P) 44 46.56 1.3
ARUT 4.22 35 ePn 44 49.87 0.2
MSU 5.41 39 (Pg) 45 21.13 14.5
9 obs. associated
SEP 02, 1992 10h 23m 57.84±0.25s
12.394 N ±3.6km 144.204 E ±5.2km
DEPTH = 37.1km (3 depth phases)
5.4mb (35 obs.) 4.7Msz (10 obs.)
SOUTH OF MARIANA ISLANDS (210)
WWKK 15.92 182 eP 27 41.80 0.8
BIP 18.14 259 eP 28 09.00 0.3
PLP 18.86 268 ePd 28 17.50 -0.1
DAV 19.10 256 eP 28 23.00 2.6
LAT 19.14 171 eP 28 22.70 1.8
CGP 19.58 260 eP 28 25.50 -0.4
TNE 20.31 237 eP 28 31.20 -2.4
PMG 21.86 172 eP 28 48.00 -1.3
CVP 22.24 286 eP 28 54.00 0.9
KAGJ 22.38 329 P 28 54.40 0.0
AAI 22.55 226 eP 28 50.50 -5.6X
BAG 23.22 283 ePc 29 03.20 0.3
KUMJ 23.50 331 P 29 07.00 1.7
KAKJ 23.98 352 eP 29 09.50 -0.4
CHJJ 24.02 350 P 29 09.80 -0.5
TSRJ 24.21 343 eP 29 12.40 0.2
MAT 24.64 348 iPd 29 15.60 -0.8
1.2s 70.31nm 5.1mb
Z 20s 1.06um 4.3Msz
eS 33 39.00
SHNJ 24.70 333 P 29 18.50 1.6
MTMJ 24.77 348 P 29 16.70 -0.9
NIIJ 25.18 350 eP 29 21.60 0.2
YAMJ 25.94 352 P 29 27.50 -1.0
OFUJ 26.67 356 P 29 32.40 -2.9
SSE 28.24 315 Pd 29 50.00 0.4
1.0s 18.00nm 4.7mb
Z 20s 0.90um 4.4Msz
HOOJ 29.89 359 iPd 30 05.80 1.6
MRRJ 30.04 355 eP 30 06.40 0.8
KUSJ 30.60 1 iPd 30 10.70 0.2
ASAJ 31.64 358 iPd 30 21.70 2.0
CTA 32.34 176 P 30 26.60 0.6
WHN 32.98 308 Pc 30 31.50 0.0
1.0s 18.00nm 4.9mb
pP 30 42.50 40km
OIS 33.06 188 iPd 30 30.80 -1.4
0.9s 22.00nm 5.0mb
WB2 33.57 197 iPd 30 35.60 -1.1
0.6s 24.20nm 5.3mb
WRA 33.57 197 P 30 35.79 -0.9
QIZ 33.69 286 Pd 30 38.60 0.8
BJI 36.99 323 eP 31 05.00 -0.6
1.2s 82.00nm 5.5mb
ASPA 37.23 196 iPd 31 07.20 -0.6
1.5s 18.00nm 4.7mb
Z 21s 1.80um 4.8Msz
i 33 28.80
GYA 37.91 297 iPd 31 14.80 1.1
1.0s 54.00nm 5.4mb
Z 28s 1.12um 4.5MszX
PcP 33 30.80
S 37 10.00
ScP 37 16.60
XAN 38.64 310 Pd 31 19.30 -0.4
0.8s 25.00nm 5.1mb
Z 20s 0.79um 4.5Msz
HHC 40.27 321 eP 31 33.00 -0.1
1.0s 30.00nm 5.0mb
Z 18s 0.73um 4.6Msz
DZM 40.61 147 iPd 31 37.80 1.7
MBL 41.05 216 eP 31 39.00 -0.6
KMI 41.09 294 Pc 31 42.00 1.8
1.2s 50.00nm 5.1mb
pP 31 51.00 30km
BTO 41.09 319 P 31 40.00 0.1
1.0s 37.00nm 5.1mb

02d 10h

N	16s	0.78um			
E	16s	0.63um			
		sP	31	47.50	
CD2	41.58	303 Pd	31	43.70	-0.3
	1.0s	230.00nm			5.9mb
KGM	41.79	259 ePd	31	47.50	1.7
WARB	41.98	204 iPc	31	48.00	0.8
	0.4s	10.00nm			4.9mb
NST	42.83	280 eP	31	51.00	-3.3X
ARMA	43.16	171 eP	31	57.00	0.1
	1.0s	18.00nm			4.8mb
LZH	43.27	310 Pd	31	58.50	0.6
	1.5s	140.00nm			5.5mb
Z	20s	0.64um			4.5MsZ
		pP	32	10.00	41km
		PcP	33	48.00	
IPM	43.35	264 ePc	32	00.00	1.4
	1.1s	58.50nm			5.2mb
NNT	43.38	275 eP	31	58.70	-0.1
CMS	43.66	178 eP	32	00.30	-0.4
	0.9s	8.00nm			4.5mb
STK	44.09	183 eP	32	03.60	-0.7
	0.8s	3.40nm			4.2mb X
KHT	44.34	279 eP	32	08.00	1.4
NANU	44.68	219 eP	32	09.00	-0.2
SMY	46.81	25 eP	32	25.67	0.0
	0.5s	92.12nm			6.0mb
GTA	47.49	313 iPd	32	31.50	0.0
	1.0s	66.00nm			5.6mb
Z	20s	0.87um			4.7MsZ
TOO	49.71	179 eP	32	48.00	-0.4
BAL	50.27	211 eP	32	52.20	-0.6
YAK	50.64	351 eP	32	53.00	-2.1
	0.9s	260.00nm			6.2mb
IRK	51.03	330 eP	32	58.00	-0.3
LSA	51.97	298 Pd	33	06.70	0.3
GUN	56.41	295 P	33	38.28	-0.5
PKI	56.80	295 P	33	40.22	-1.4
KKN	56.93	295 P	33	40.92	-1.4
	0.8s	184.00nm			6.2mb
DMN	57.07	295 P	33	42.46	-1.0
	0.9s	159.00nm			6.1mb
WMO	57.50	314 iPd	33	46.00	0.1
	1.0s	96.00nm			5.8mb
		sP	33	52.50	
		PcP	34	38.50	
		eS	41	41.50	
GKN	57.51	295 P	33	45.42	-0.9
ANM	62.54	22 (P)	34	19.72	-0.3
HYB	63.38	283 eP	34	26.00	-0.4
	1.0s	140.00nm			6.0mb
		e	35	03.00	155kmX
NDI	64.06	296 eP	34	29.80	-0.8
GBA	64.88	279 P	34	36.00	-0.1
KOD	65.33	276 eP	34	39.20	-0.2
KSH	65.44	308 Pc	34	41.00	1.4
SLKM	67.34	29 eP	34	49.98	-1.2
POO	67.73	285 iPc	34	53.50	-0.8
PMR	68.14	28 iPc	34	54.98	-1.1
	0.9s	50.26nm			5.6mb
KLU	69.61	29 eP	35	05.45	0.2
BALM	71.23	30 Pd	35	15.04	-0.1
MAIO	78.55	305 iPd	35	58.50	1.0
	0.9s	27.71nm			5.3mb
MBC	79.58	14 iPc	36	03.10	0.9
	0.5s	103.00nm			6.1mb
PGC	82.35	42 eP	36	19.50	2.2
YKA	84.21	27 eP	36	27.60	1.1
	1.0s	48.80nm			5.6mb
TNP	89.08	51 eP	36	53.38	2.2
	1.9s	93.60nm			5.8mb
OBN	89.73	327 iPc	36	53.00	-0.5
	1.0s	140.00nm			6.2mb
KAF	91.53	335 iP	37	00.70	-1.0
	0.9s	42.20nm			5.8mb
DUG	91.78	48 (P)	37	05.06	1.5
NUR	93.04	334 iP	37	07.70	-1.0
	0.7s	19.90nm			5.7mb
HFS	97.64	337 ePKP	37	28.00	-1.8
	0.7s	3.50nm			5.0mb
KSP	102.46	329 ePdiff37		51.50	0.0
ZST	103.64	327 i(Pdiff37		57.00	0.2
CLL	103.76	331 iPdiff37		56.80	-0.5
GEC2	105.02	329 ePKP	42	18.90	1.1
	0.6s	1.55nm			
		e	42	23.80	
GEC2	105.02	329 e(Pdiff38		02.10	-1.0

	0.9s	2.00nm		5.0mb	
WIT	105.55	335 ePdiff38	12.50	7.4X	
		e	38	19.00	
GRF	105.69	330 ePdiff38	06.30	0.4	
WTS	106.08	334 ePdiff38	15.00	7.5X	
	1.0s	52.00nm		6.5mb X	
		e	38	20.50	
VBY	106.28	325 ePdiff38	08.50	-0.1	
BNS	106.67	333 ePdiff38	16.00	5.8X	
Z	17s	6.60um		6.3MsZ	
ENN	107.36	334 ePdiff38	17.00	3.7X	
	1.0s	40.00nm		6.5mb X	
		e	38	23.00	
HOFF	107.75	331 Pdiff	38	29.39	14.3X
LANF	107.80	331 Pdiff	38	28.55	13.2X
UCC	108.00	335 Pdiff	38	19.00	2.9X
WLF	108.06	333 Pdiff	38	23.00	6.6X
SNF	108.25	334 Pdiffd38	19.80	2.6X	
WLS	108.41	331 Pdiff	38	29.60	11.5X
DOU	108.43	334 Pdiffc38	16.20	-1.9	
	1.1s	38.40nm		6.5mb X	
		ed	38	22.20	
		e	38	36.00	
FEL	108.48	331 Pdiff	38	33.29	14.8X
LIBD	108.48	331 Pdiff	38	31.26	12.9X
ECH	108.65	331 Pdiff	38	29.60	10.5X
MOF	108.92	331 Pdiff	38	31.24	10.8X
BSF	109.09	331 Pdiff	38	30.39	9.2X
HAU	109.18	332 iPdiff38	28.60	7.1X	
	1.4s	141.60nm			
Z	18s	1.13um		5.5MsZ	
VITF	109.19	332 Pdiff	38	26.77	5.2X
LOMF	109.42	331 Pdiff	38	32.22	9.6X
FIR	109.58	326 e(Pdiff38	36.00	12.7X	
ORO	110.07	329 Pdiff	38	43.10	17.5X
LSO	110.60	329 Pdiff	38	41.21	13.0X
RSL	110.70	330 Pdiff	38	37.74	9.2X
RSP	110.76	329 Pdiff	38	42.54	13.8X
PZZ	111.29	328 Pdiff	38	44.08	12.9X
LRG	112.41	328 iPdiff38	46.50	10.6X	
	1.3s	99.30nm			
Z	19s	0.90um		5.4MsZ	
LMR	112.42	328 iPdiff38	46.80	10.8X	
	1.8s	237.35nm			
CDR	112.56	329 ePdiff38	43.60	7.0X	
LSPF	115.01	330 Pdiff	38	35.48	-12.1X
ETER	115.03	329 ePdiff38	41.26	-6.4X	
ESEL	116.87	327 ePdiff38	50.59	-5.3X	
BCAO	123.48	284 iPKPc	42	54.50	0.6
	0.8s	14.00nm			
		i	45	10.00	
		i	45	11.30	
KIC	143.94	299 PKP	43	30.06	-2.0X
	0.7s	43.50nm			
TIC	144.03	300 PKPd	43	30.18	-2.1X
	0.6s	37.00nm			
SVB	144.12	46 ePKP	43	32.52	0.2
LIC	144.26	299 PKPd	43	31.18	-1.4
	0.6s	76.00nm			
ARE	145.22	101 ePKP	43	38.00	3.5X
ZOBO	148.45	101 PKP	43	42.30	2.1X
	1.0s	52.00nm			
Z	22s	1.05um		5.6MsZ	
		LR	00	44.00	
LPB	148.47	101 PKP	43	46.80	6.8X
	1.0s	76.00nm			
Z	16s	2.02um		6.0MsZ	
		LR	02	40.00	
CCH	150.28	103 PKP	43	50.40	7.8X
BAO	167.73	107 e(PKP)	44	05.10	2.9X
		e	44	07.20	
BDF	167.81	107 PKPc	44	04.70	2.5X
	S.D. = 1.1	on 97 of 137 obs.			

& SEP 02, 1992 10h 26m 20.93s					
37.090 N 113.472 W					
DEPTH = 15.0km					
5.7mb (71 obs.) 5.6MsZ (7 obs.)					
UTAH (478)					
<SLC-P>. ML 5.9 (SLC). Some					
damage (VI) at Cedar City.					
Hurricane, Kanab, New Harmony,					
Santa Clara, Springdale, St.					
George, Toquerville, Virgin and					
Washington. The earthquake					
triggered a large landslide					
which destroyed three houses at					

Springdale. Felt (V) at Glendale, Gunlock, Hatch, Kanarraville, La Verkin, Orderville, Panguitch and Rockville; (IV) at Alton, Beaver, Beryl, Brian Head, Bryce, Circleville, Enterprise, Escalante, Junction, Milford, Minersville, Madena, Mt. Carmel, Newcastle, Parowan, Richfield and Tragic. Felt (V) at Fredonia and Grand Canyon, Arizona. Felt (IV) at Bunkerville, Caliente, Lagandale, Panaca and Pioche, Nevada. Also felt (IV) at Littlefield, Arizona. Felt throughout much of southwestern Utah, northwestern Arizona and southeastern Nevada as far north as Richfield, Utah and as far south as Flagstaff, Arizona. Felt west as far as Caliente and Pioche, Nevada and southwest to the Las Vegas, Nevada area.

FAULT PLANE SOLUTION: P-Waves
NP1: Strike= 66 Dip=75 Slip= -28
NP2: 164 63 -163

Principal Axes:
T P1g= 8 Azm=117
P 30 22

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

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 10S, 19C
Centroid Location:
Origin Time 10:26:31.5 0.5
Lat 37.43N 0.11 Lon 113.79W 0.14
Dep 15.0 FIX Half-duration 1.7
Moment Tensor: Scale 10¹⁷ Nm
Mrr=-2.48 0.29 Mtt= 0.79 0.39
Mff= 1.69 0.35 Mrt=-1.92 0.91
Mrf=-0.10 0.98 Mtf= 1.49 0.28

Principal Axes:
T Val= 3.10 P1g=14 Azm=133
N 0.33 23 229
P -3.43 63 14

Best Double Couple: Mo=3.3*10¹⁷
NP1: Strike=195 Dip=37 Slip=-130
NP2: 61 63 -64

ARUT	0.70	2 iPd	26	34.50	0.1
DLM	1.13	297 iPc	26	41.72	-0.1
NPN	1.30	296 iPc	26	44.18	-0.4
PRN	1.30	285 iPc	26	44.45	-0.1
EPR	1.37	274 iPc	26	45.51	-0.1
SHRG	1.47	247 iPd	26	46.80	-0.2
SRG	1.50	302 iPc	26	46.92	-0.4
MTI	1.55	293 iP	26	47.63	-0.5
EMN	1.56	222 iPd	26	48.14	0.0
MSU	1.75	35 iPd	26	52.07	0.9
TPU	1.81	287 iPc	26	51.10	-0.9
GMR	1.85	278 iPc	26	51.76	-0.8
WRN	1.90	299 iPc	26	52.30	-1.0
SPRG	1.92	259 iPc	26	53.13	-0.3
JON	2.21	254 iPc	26	57.62	0.0
TPNV	2.23	267 ePnc	26	57.35	-0.6
LSM	2.27	262 iPc	26	57.90	-0.7
KRNA	2.40	287 iP	26	59.50	-1.0
FLAG	2.42	142 Pn	27	02.00	1.2
SRU	3.08	48 iPc	27	11.50	1.5
BRDG	3.09	142 Pn	27	07.00	-3.2
		Pg	27	13.50	
TNP	3.14	290 iPc	27	09.47	-1.4
DUG	3.14	9 ePd	27	09.97	-0.9
GSC	3.23	237 ePn	27	10.51	-1.7
EMUT	3.43	37 ePd	27	16.78	1.7
DAU	3.74	27 ePd	27	20.68	1.0
BONR	3.94	284 iPc	27	20.72	-1.6
KVN	4.14	300 eP	27	23.79	-1.4
GLA	4.18	196 iP	27	24.17	-1.4
ISA	4.28	252 ePn	27	25.50	-1.5

PEC	4.39	224	iPd	27	27.58	-0.9				LO	33	52.00	-1.5	CPKM	34.20	327	ePd	33	06.33	-1.5
SSK	4.48	231	eP	27	28.35	-1.6				LR	35	04.00		FBA	34.43	335	ePd	33	09.90	0.5
PLM	4.65	218	iPd	27	31.26	-1.1				Rg	35	07.10			1.2s	233.10nm			6.0mb	
HVU	4.71	6	ePd	27	32.05	-1.2	LNO	14.28	89	ePnd	29	46.20	1.8	SVW	35.63	326	iPd	33	19.90	0.2
FRI	4.99	271	iPc	27	35.82	-1.2				Pg	30	51.10			1.1s	85.10nm			5.5mb	
ABL	5.17	246	eP	27	37.86	-1.9				Lg	33	48.80		SDN	36.46	315	eP	33	26.90	0.2
TDM	5.19	158	iPd	27	39.60	-0.4				Rg	35	23.70		TTA	36.53	329	ePd	33	27.80	0.4
PKEM	5.44	261	eP	27	43.46	0.1	LNO2	14.28	89	ePn	29	46.30	1.9		1.5s	121.40nm			5.5mb	
CMB	5.57	282	iPc	27	43.39	-1.9				Pg	30	51.10		LMN	37.01	61	eP	33	32.00	0.5
			iS	28	08.72					Lg	33	48.80		IMA	37.12	334	ePd	33	33.00	0.6
BCH	5.68	252	eP	27	46.18	-0.7				Rg	35	23.10			1.3s	103.90nm			5.5mb	
PHAM	5.72	259	eP	27	46.32	-1.1	VVO	14.43	92	ePn	29	46.90	0.4	MBC	39.34	358	ePd	33	50.70	0.1
SBC	5.72	244	ePn	27	47.41	0.1				Pg	30	49.20			1.5s	220.00nm			5.6mb	
PTI	5.84	8	eP	27	48.40	-0.7				Lg	33	54.10		KKH	40.89	257	eP	34	03.98	0.0
PRI	5.86	263	eP	27	48.69	-0.7	RLO	14.85	88	ePn	29	52.20	0.2			epP	34	10.11	21kmX	
LLA	6.01	268	eP	27	51.26	-0.1				Pg	30	56.80		ANM	41.00	329	eP	34	04.57	0.1
ALO	6.08	109	eP	27	52.04	-0.5				Lg	34	06.30		ADK	46.01	310	eP	34	42.60	-2.5
ANMO	6.07	109	ePn	27	52.75	0.3	UYO	15.73	95	iPc	30	02.30	-1.2	REY	57.99	31	eP	36	20.70	5.9
HHA1	6.25	7	eP	27	54.29	-0.7	CCM	17.65	80	ePn	30	25.09	-2.6	AKU	58.96	29	eP	36	19.00	-2.5
PR	6.39	266	eP	27	55.51	-1.3	OLY	17.81	88	eP	30	28.03	-1.6		1.8s	181.82nm			5.9mb	
SAO	6.40	269	eP	27	55.87	-1.0	ULM	18.24	38	eP	30	35.00	0.1	ARE	66.34	136	eP	37	11.00	-0.5
ARN	6.44	275	eP	27	56.66	-0.9	FVM	18.30	80	eP	30	34.03	-1.7	ZOBO	68.14	133	iPc	37	21.20	-2.1
MHC	6.52	275	eP	27	58.60	-0.2				1.3s	365.50nm	5.4mb		1.1s	29.00nm			5.4mb		
ORV	6.77	294	ePd	28	00.12	-2.1	GUM2	18.61	149	(P)	30	41.00	1.1	LPB	68.35	133	P	37	21.30	-3.0
GOL	6.88	65	ePn	28	04.27	0.4	JFWS	18.69	65	ePc	30	38.81	-1.7	YAK	68.94	333	iPc	37	24.20	-2.7
BKS	7.01	279	ePc	28	04.48	-1.0				1.1s	271.41nm	5.4mb		1.5s	250.00nm			6.2mb		
ZSP	7.03	280	ePd	28	05.17	-0.6	LST	19.01	85	eP	30	42.98	-1.5	DMU	69.57	37	eP	37	33.30	2.4
PCC	7.11	276	ePc	28	06.27	-0.7	ELC	19.31	82	ePc	30	46.28	-1.9	KEV	69.62	14	iP	37	29.00	-2.0
LTCM	7.45	297	(P)	28	11.32	-0.3	COLM	19.79	152	(P)	30	53.00	-0.7		1.0s	60.00nm			5.7mb	
LTMT	7.50	7	ePd	28	13.70	1.1	MRX	20.38	145	(P)	31	02.20	2.5	DCN	69.71	38	eP	37	35.30	3.6
NWRM	7.58	283	(P)	28	15.78	2.3	PWLA	20.64	88	eP	31	01.78	-0.6	DLF	70.10	38	eP	37	37.30	3.2
MCMT	7.74	3	eP	28	17.70	1.7	UNM	21.67	141	(P)	31	17.00	3.8	CCH	70.17	132	eP	37	33.00	-2.4
LBFM	7.79	306	eP	28	16.39	-0.3	TPM	22.02	141	(P)	31	15.50	-1.2	EKA	70.48	35	P	37	34.00	-2.4
BGMT	8.21	7	ePd	28	23.60	1.2	III	22.34	143	(P)	31	21.00	1.1		1.3s	39.50nm			5.4mb	
MEMT	8.71	12	eP	28	31.40	2.0	IIT	22.38	139	(P)	31	22.80	2.5	YSS	72.10	316	eP	37	44.79	-1.6
HBMT	8.72	4	ePd	28	31.30	1.7	IISM	22.90	138	(P)	31	37.50	12.4	SIV	72.25	127	P	37	46.40	-1.2
LRM	8.76	5	ePc	28	32.30	2.2	GBTN	23.56	85	eP	31	31.46	-0.1	KUSJ	73.21	312	eP	37	50.10	-2.8
LCCM	8.82	7	eP	28	32.90	2.0	TKL	23.91	84	eP	31	33.91	-1.0	ASAJ	73.84	313	eP	37	55.80	-0.8
BUT	8.94	4	ePc	28	34.30	1.8	SIT	24.71	331	eP	31	43.90	1.6	MUD	74.93	29	iPc	38	02.40	-0.2
FHC	8.99	298	eP	28	34.72	1.6	FCC	25.10	24	eP	31	47.00	0.9		1.3s	144.00nm			5.8mb	
SXM	9.21	10	ePd	28	37.50	1.2	PRM	25.42	87	eP	31	47.94	-1.5	STS	75.18	47	eP	38	24.12	19.8
LNOR	9.49	339	P	28	41.11	1.2	YKA	25.44	359	P	31	48.20	-1.1	UPP	75.34	23	iP	38	03.50	-1.4
DBO	9.60	312	P	28	42.70	1.1				1.0s	119.00nm	5.5mb						6.3mb		
JBO	9.63	332	P	28	42.77	0.8	NAV	25.96	80	eP	31	52.96	-1.5			i	38	08.70		
HRV	9.69	7	ePd	28	44.00	1.2	ACTO	26.16	65	P	31	59.88	3.7	FLN	75.90	39	iPd	38	07.00	-1.3
CROR	9.71	327	P	28	44.49	1.4	JSC	26.25	86	eP	31	55.17	-1.9		1.3s	192.05nm			6.0mb	
RSSD	10.03	43	ePc	28	45.38	-2.3	BLA	26.27	80	(P)	31	56.53	-0.8	Z	18s	0.93um			5.1Msz	
VBEM	10.04	325	P	28	48.98	1.3				1.2s	93.32nm	5.3mb	KAF	75.94	18	iP	38	06.90	-1.4	
VGB	10.05	329	eP	28	48.43	0.8	TYNO	26.28	66	P	32	00.77	3.5		0.9s	132.40nm			6.0mb	
SSOR	10.31	322	P	28	52.61	1.3	MCWV	26.40	74	(P)	31	59.43	1.0	GRR	75.96	39	iPd	38	07.10	-1.6
ET3	10.32	338	P	28	52.49	1.2				0.3s	35.11nm	5.5mb		1.4s	120.25nm			5.8mb		
RNO	10.37	314	P	28	54.06	2.0	LHS	26.56	86	eP	31	58.28	-1.6	LPF	76.09	40	iPd	38	07.80	-1.6
COR	10.55	318	ePn	28	58.87	4.3	STCO	26.79	66	P	32	05.40	3.4		1.2s	134.50nm			5.9mb	
WAH2	10.67	337	P	28	57.16	1.1	EEO	27.15	59	eP	32	05.00	-0.3	LDF	76.19	39	iPd	38	08.70	-1.3
ASR	10.90	329	P	29	00.98	1.6	SGS	27.15	88	(P)	32	06.99	1.6		1.4s	151.15nm			5.9mb	
SHW	11.20	327	(P)	29	03.38	-0.2	HBF	27.34	89	(P)	32	07.50	0.4	NUR	76.87	20	iP	38	12.70	-0.8
DPW	11.32	344	eP	29	04.97	-0.1	WLVO	27.38	65	P	32	10.73	3.4		1.0s	184.50nm			6.1mb	
KMOR	11.37	322	P	29	09.16	3.3	CEH	27.58	82	eP	32	07.99	-1.3	OFUJ	77.44	310	P	38	15.70	-1.4
LON	11.47	330	eP	29	05.27	-1.8				1.2s	77.1Bnm	5.3mb	MFF	77.49	40	iPd	38	16.00	-1.2	
SAW	11.47	339	P	29	06.69	-0.4	CBN	28.50	77	eP	32	21.00	3.5		1.3s	127.10nm			5.8mb	
ACO	11.48	88	iPc	29	06.40	-0.9				e	33	03.00		EPLA	78.37	48	eP	38	26.50	4.2
FMW	11.56	331	P	29	12.32	3.8				e	34	03.00		LSF	78.59	40	iPd	38	21.80	-1.5
WTV	11.63	338	P	29	08.75	-0.5	BALM	30.07	332	eP	32	30.29	-1.3		1.4s	101.50nm			5.7mb	
BMW	11.86	325	eP	29	12.97	0.5	LVNJ	30.17	71	(P)	32	30.74	-1.7	ECRI	78.82	45	eP	38	24.14	-0.6
RMW	12.05	332	(P)	29	16.37	1.4	GMTN	30.60	71	e(P)	32	35.10	-1.1	TCF	78.91	40	iPd	38	23.70	-1.4
MEO	12.29	96	iPc	29	17.00	-1.2	PNJ	30.62	71	e(P)	32	35.90	-0.5		1.1s	77.15nm			5.6mb	
ONR	12.41	325	P	29	28.39	8.7	PNJ	30.62	71	iP	32	40.50	4.1	YAMJ	79.01	310	P	38	25.10	-0.6
GMW	12.51	330	(P)	29	22.61	1.6	JAQ	30.85	45	ePd	32	36.50	-1.9	SSF	79.03	38	iPd	38	24.30	-1.4
JCW	12.71	333	P	29	26.36	2.6	KLU	31.72	331	iPd	32	46.25	0.2		1.4s	108.05nm			5.7mb	
OCO	13.00	92	iPd	29	29.00	1.3				epP	32	51.63	19kmX	BGF	79.05	39	iPd	38	24.30	-1.5
FNO	13.12	93	e(P)	29	34.50	5.3	TOA	32.18	332	eP	32	51.50	1.5		1.2s	105.90nm			5.7mb	
FKO	13.13	93	iPd	29	29.30	-0.1	HRV	32.41	67	(P)	32	51.72	-0.4	LFF	79.06	41	iPd	38	24.60	-1.3
PCO	13.21	87	e(P)	29	33.50	3.1				1.0s	46.05nm	5.4mb		1.3s	136.10nm			5.8mb		
STW	13.35	329	P	29	42.18	10.0				epP	32	56.32	16kmX	LOR	79.07	38	iPd	38	24.80	-1.1
SES	13.42	7	P	29	34.00	0.9	BNH	32.51	63	eP	32	51.11	-1.9		1.4s	153.80nm			5.8mb	
	1.1s	25.00nm				5.1mb				epP	32	56.63	19kmX	Z	17s	1.35um			5.4MszX	
MCW	13.45	332	eP	29	33.22	-0.3	KDC	32.86	322	eP	32	56.70	0.9	MAF	79.14	39	iPd	38	24.90	-1.4
PGC	13.66	331	ePd	29	44.50	8.3	SLKM	32.98	327	eP	32	56.37	-0.6		1.4s	123.30nm			5.7mb	
	1.2s	269.00nm																		

82d 10h

SMF	79.49	39	iPd	38	26.60	-1.6	E	16s	3.70um					e	53	32.00					
	1.4s	83.20nm				5.6mb			e	38	48.50			eSS	55	00.00					
BRN	79.50	30	eP	38	29.00	0.9			e	39	11.50			LR	18	00.00					
EVAL	79.52	51	eP	38	25.99	-2.5			e	49	02.00			PGD	85.33	36	P	38	58.30	-0.4	
TOL	79.70	48	iP	38	28.00	-1.5			ePc	38	43.30	0.0		CRE	85.62	36	P	38	59.90	-0.2	
	1.0s	100.00nm				5.8mb			ePc	38	44.20	0.8		PTJ	85.69	33	eP	39	00.00	-0.3	
CAF	79.76	41	iPd	38	28.50	-1.2			iPd	38	43.60	-0.3		VBY	85.69	33	iP	39	00.00	-0.2	
	1.2s	104.15nm				5.7mb			313.00nm		6.1mb						i(sP)	39	05.70		
CDF	79.90	36	P	38	29.52	-1.0			i	38	50.00						e	39	31.00		
EPF	80.12	43	iPd	38	30.40	-1.3			e(P)	38	41.40	-2.4		SNY	85.76	321	Pc	38	59.00	-1.6	
	1.5s	80.45nm				5.5mb			16.90nm		5.1mb X						150.00nm		5.8mb		
MOX	80.19	32	iPd	38	31.50	-0.4			e(P)	38	48.60	4.8		Z	17s		0.88um		5.2msz X		
	1.7s	146.00nm				5.7mb			20.30nm		5.2mb			ZAG	85.77	33	iP	39	00.00	-0.6	
Z	19s	3.40um				5.7msz			38	P	38	42.95	-0.9	MAO	86.15	38	P	39	02.30	-0.3	
N	20s	1.60um							ePc	38	44.80	0.6		ARV	86.19	36	P	39	03.20	0.4	
E	19s	1.70um							iPd	38	44.60	0.0		ASS	86.38	36	P	39	03.20	-0.6	
		eS	48	43.00					456.00nm		6.2mb			VAO	86.53	122	(P)	39	11.00	6.3	
NIJ	80.23	309	P	38	31.40	-0.9			i	38	50.80			MNS	86.92	37	P	39	05.70	-0.7	
ETOR	80.25	46	iPd	38	31.44	-1.0			iPd	38	44.70	-0.3		JFO	88.19	119	eP	39	17.30	4.6	
CLL	80.27	31	iPd	38	31.70	-0.5			38	P	38	51.10		DEV	88.55	29	ePd	39	20.00	5.9	
	1.9s	110.00nm				5.5mb			38	P	38	45.00	-0.2	VRI	89.98	27	ePc	39	14.00	-6.9	
Z	18s	2.50um				5.6msz			47	eP	38	44.72	-0.7	MLR	90.02	27	ePc	39	19.00	-2.3	
		i	38	37.50					iPd	38	45.30	-0.2		BJI	90.73	324	eP	39	23.00	-1.4	
EHOR	80.29	50	iPd	38	31.02	-1.6			268.00nm		6.1mb						20.00nm		5.3mb		
EGRA	80.32	44	eP	38	32.99	0.3			i	38	51.80			TDS	90.77	36	P	39	29.50	4.8	
HOF	80.55	32	iPd	38	33.50	-0.3			eP	38	45.80	0.2		SKO	91.20	32	iP	39	25.90	-0.7	
		i	38	39.80					38	P	38	43.46	-2.9				104.00nm		5.9mb		
MDJ	80.70	320	eP	38	39.60	4.9			33	iPd	38	46.20	-0.1				i	39	31.50		
GRFO	80.73	33	eP	38	33.48	-1.3			124	eP	38	46.60	-0.1		OHR	91.63	33	iP	39	27.70	-0.9
		ec	38	39.44					e	38	53.20						99.00nm		6.0mb		
GRF	80.73	33	iPd	38	35.00	0.2			38	P	38	44.28	-2.4				i	39	34.20		
	1.5s	206.00nm				5.9mb			39	iPd	38	46.70	-0.4		BTO	93.01	328	eP	39	34.00	-1.1
Z	19s	5.00um				5.9msz			44.65nm		5.5mb			KIV	96.48	17	ePd	39	50.07	-0.9	
		ipPc	38	41.10		19kmX			38	P	38	46.23	-1.3		WMQ	97.21	345	eP	39	59.00	4.8
EPRU	80.85	50	eP	38	34.97	-0.7			310	eP	38	47.30	-0.5		ENH	101.84	323	ePd	40	13.19	-1.8
BAO	80.86	117	Pc	38	35.20	-0.8			32	iP	38	47.40	-0.4		WB2	119.18	266	iPKPd	45	09.50	-1.7
		e	38	42.00					39	iPd	38	46.90	-1.2				11.10nm				
		e	38	55.50					61.00nm		5.6mb						e	45	15.10		
SLE	80.93	35	P	38	35.38	-0.5			38	P	38	46.95	-1.4		STK	119.40	251	iPKPc	45	09.60	-1.7
BDF	80.94	117	Pc	38	36.30	-0.2			321	Pd	38	53.60	5.0				2.30nm				
		e	38	43.00					15.00nm		5.1mb			ASPA	121.45	263	ePKP	45	12.80	-2.7	
		e	38	48.00					0.98um		5.3msz X						11.00nm				
		e	39	10.20					56	iP	38	46.00	-3.1		SPA	126.90	180	iPKPd	45	24.30	-0.6
		e	39	13.00					38	P	38	45.92	-3.1				18.45nm				
		e	39	18.90					106	iPd	38	48.80	-0.9		GBA	128.54	346	PKP	45	32.00	2.7
BRG	80.98	31	iPd	38	35.40	-0.6			i	38	55.20			SNA	131.51	155	iPKPc	45	32.50	-0.8	
	1.4s	95.00nm				5.6mb			e	39	56.70						55.70nm				
		ipP	38	41.80		20kmX			33	iPd	38	49.50	-0.6		WIN	135.22	85	iPKPd	45	47.80	5.7
		iS	49	00.00					141.00nm		6.0mb						20.00nm				
CHJJ	80.99	309	P	38	35.60	-0.8			i	38	56.10			NVL	136.03	157	ePKP	45	41.00	-0.9	
EJIF	81.03	51	eP	38	34.54	-2.0			i	39	10.10						e	45	46.00		
ZLA	81.09	36	ePc	38	36.50	-0.2			i	39	21.40			POF	140.61	93	ePKP	45	41.00	-10.6	
MAT	81.17	309	iPd	38	36.00	-1.3			34	P	38	49.90	-0.5		CER	141.54	99	iPKPd	45	46.00	-7.2
	1.2s	78.13nm				5.6mb			28	eP	38	50.20	-0.4				49.23nm				
MTMJ	81.39	310	P	38	37.60	-1.0			77.00nm		5.8mb			KRI	141.73	68	iPKPc	45	47.90	-6.3	
EMS	81.41	37	ePc	38	38.60	0.0			e	38	56.60						ipP	45	53.10		
EVIA	81.41	48	iPd	38	37.58	-1.1			31	iPd	38	51.10	-0.5				i	46	03.40		
DIX	81.64	37	ePc	38	40.10	0.2			448.00nm		6.3mb			BUL	142.97	73	iPKPd	45	50.90	-5.3	
EROQ	81.64	45	iPd	38	38.35	-1.3			2.70um		5.7msz						35.00nm				
ECOG	81.66	49	eP	38	39.00	-1.0			i	38	57.50						i	45	57.90		
ECHE	81.68	46	eP	38	39.51	-0.5			e	39	15.00			BLF	145.48	89	iPKPd	45	58.80	-1.5	
EBR	81.69	44	(P)	38	45.00	5.1			LR	17	09.00						45.00nm				
NKM	81.70	52	iP	38	40.00	-0.1			31	iPd	38	53.80	0.3		PRY	145.58	84	iPKPd	45	58.50	-2.0
		i	38	45.50					52.50nm		5.8mb						400.00nm				
LPL	81.71	38	iPd	38	40.00	-0.3			37	P	38	55.20	0.1		SLR	145.66	82	iPKPd	45	59.50	-1.2
	1.3s	69.60nm				5.6mb			17	iPd	38	54.00	-0.9				414.06nm				
LPG	81.74	38	iPd	38	40.20	-0.3			190.00nm		6.3mb						i	46	06.50		
	1.3s	73.30nm				5.6mb			1.50um		5.5msz X			SEK	146.31	86	iPKPc	46	01.50	-0.2	
AVE	81.79	54	iP	38	39.20	-1.4			1.20um								165.00nm				
		i	38	45.50					0.80um					BFT	147.03	80	ePKP	46	05.00	2.0	
FUR	81.90	34	eP	38	41.10	0.2			iPcP	39	00.00						149.25nm				
PRU	81.91	31	Pd	38	40.50	-0.4			ePP	42	14.00			MAW	149.37	177	iPKP	46	04.60	-0.5	
	2.1s	393.60nm				6.1mb			(S)	49	20.00						78.00nm				
Z	18s	2.70um				5.7msz			28	eP	38	56.10	0.1				342 obs. associated				
N	19s	1.50um							34	eP	38	54.70	-1.4								
E	17s	1.80um							eLR	08	28.00										
		e	38	45.80					39	iPd	38	56.10	-0.8								
MMK	81.93	37	ePd	38	41.50	0.1			112.65nm		5.9mb										
KSP	81.95	29	iPd	38	40.70	-0.4			338	ePd	38	56.00	-1.2								
		i	38	46.60					0.25nm		2.8mb X										
EGUA	81.95	50	eP	38	41.07	-0.3			1.20um		5.4msz X										
BNI	82.02	38	P	38	41.60	-0.1			1.03um												
RRL	82.17	38	P	38	42.44	-0.2			0.25um												
KHC	82.17	32	Pd	38	42.00	-0.3			ePcP	39	03.00										
	1.5s	66.50nm				5.5mb			ePP	42	15.00			CNB	1.40	183	iPc	52	17.30	-0.4	
Z	16s	4.80um				6.0msz X			ePP	42	24.00						i	52	21.50		
N	16s	2.00um							eS	49	18.00			CAN	1.46	195	iPc	52	19.00	0.5	

i 52 20.70					FVM 26.39 355 eP 13 45.40 -1.5					BMW 45.86 326 eP 16 32.03 -0.8				
eS 52 41.80					0.7s 15.32nm 4.8mb					ePcP 18 10.27				
CMS 3.90 307 eP	53 05.30	12.0X			NAV 26.39 13 eP	13 46.75	-0.3			epPcP 18 19.02				
ARMA 3.94 28 eP	52 54.00	0.0			DEG 26.41 77 eP	13 44.00	-3.4X			GMW 46.29 328 eP				
eS 53 41.00					ACO 27.00 340 iPd	13 51.60	-1.0			MCW 47.04 329 eP				
S.D. = 0.7 on 4 of 5 obs.					SLM 27.02 356 P	14 00.00	7.3X			FCC 47.32 356 eP				
SEP 02, 1992 11h 03m 24.54±0.63s					Z 18s 0.54um 4.1Msz					PGC 47.33 328 eP				
7.169 N ± 8.5km 127.390 E ±14.2km					CBN 28.12 18 eP	14 03.00	0.4			BAO 47.84 124 Pd				
DEPTH = 33.0km (normol)					ALQ 28.75 327 ePc	14 08.53	-0.2			e 16 52.50				
4.7mb (4 obs.)					0.9s 7.18nm 4.5mb					e 16 57.30				
PHILIPPINE ISLANDS REGION (248)					ePcP 17 19.26					e 17 02.50				
BIP 1.54 313 ePd	03 49.00	-1.0			JFWS 31.28 357 eP	14 29.25	-1.6			e 17 08.70				
CGP 2.96 296 iPd	04 11.00	0.7			0.7s 10.81nm 4.9mb					BDF 47.92 124 Pc				
iS 04 44.50					LVNJ 31.31 19 eP	14 30.79	-0.3			e 16 52.10				
PLP 4.63 329 ePd	04 34.00	0.0			GOL 32.02 334 ePc	14 37.43	-0.3			e 16 57.00				
eS 05 25.50					Z 1.0s 29.42nm 5.2mb					PPD 49.00 133 eP				
TNE 6.33 181 eP	04 59.50	1.5			Z 20s 1.12um 4.5Msz					VAO 52.76 131 eP				
KNA 22.81 177 eP	08 25.80	0.0			eP 14 47.96 38kmX					e 17 34.40				
LAT 23.91 125 eP	08 30.60	-5.9X			ePcP 17 28.52					ITR 53.14 110 eP				
WB2 27.80 166 iPc	09 11.80	-1.0			GLA 32.68 315 ePc	14 43.10	-0.2			e 17 36.20				
0.5s 6.80nm 4.6mb					ZOBO 33.88 144 P	14 54.00	-0.5			e 18 22.10				
QIS 30.06 157 eP	09 33.00	-0.1			SRU 34.02 328 eP	14 54.81	-0.3			YKA 54.34 345 eP				
0.3s 6.00nm 4.9mb					PLM 34.27 314 eP	14 57.74	0.5			0.5s 5.50nm 4.8mb				
MAT 30.86 17 eP	09 41.00	0.9			MSU 34.49 325 eP	14 59.12	0.0			RUV 64.67 247 iP				
ASPA 31.30 168 iPc	09 43.00	-1.1			iPcP 17 34.89					1.2s 85.00nm 5.8mb				
0.3s 6.90nm 5.0mb					EMUT 34.70 328 eP	15 00.45	-0.5			VAH 64.92 247 iP				
WARB 33.16 181 eP	10 00.00	-0.2			ARUT 34.72 323 eP	15 01.07	0.0			1.2s 80.00nm 5.8mb				
LZH 35.95 327 eP	10 38.50	14.2X			PEC 34.76 314 ePd	15 01.98	0.6			KLU 64.93 333 ePc				
STK 41.13 162 iPd	11 07.50	0.2			1.4s 49.44nm 5.2mb					PMO 65.07 247 iP				
0.7s 2.70nm 4.1mb					RSSD 35.29 340 eP	15 05.73	-0.2			1.2s 80.00nm 5.8mb				
S.D. = 0.9 on 11 of 13 obs.					0.6s 16.89nm 5.1mb					TOA 65.28 334 eP				
SEP 02, 1992 11h 08m 08.56±0.25s					Z 19s 0.57um 4.3Msz					PMR 66.40 333 eP				
11.585 N ± 4.7km 87-851 W ± 3.8km					DAU 35.37 328 eP	15 06.56	-0.2			0.8s 12.10nm 5.1mb				
DEPTH = 10.0km (geophysicist)					EEO 35.72 10 eP	15 09.50	0.2			Z 19s 0.82um 5.0Msz				
5.1mb (26 obs.) 4.6Msz (8 obs.)					CCH 35.89 143 eP	15 12.00	0.6			SLKM 66.53 331 eP				
NEAR COAST OF NICARAGUA (74)					TPNV 35.91 319 eP	15 12.85	1.7			MBC 66.82 352 eP				
TPX 5.42 308 (P)	09 30.30	-1.1			1.1s 34.52nm 5.1mb					0.9s 14.00nm 5.2mb				
iS 10 25.00					Z 20s 2.46um 5.0Msz					F8A 67.06 336 ePc				
JISM 11.77 310 (P)	10 56.89	-2.7			(PcP) 16 37.01					0.8s 5.74nm 4.8mb				
BBJ 12.25 55 ePd	11 16.13	10.0X			DUG 36.03 327 ePc	15 12.23	0.1			HON 67.52 288 P				
STH 12.47 58 ePd	11 13.33	4.3X			1.0s 5.29nm 4.4mb					Z 20s 0.24um 4.4Msz				
IIT 12.50 308 (P)	11 09.96	0.3			ePcP 17 38.55					CRP 67.67 332 eP				
ACX 12.77 296 (P)	11 12.45	-0.6			BW06 36.36 333 eP	15 13.50	-1.5			REF 67.70 331 eP				
PPM 12.78 307 (P)	11 14.94	1.3			ISA 36.63 316 eP	15 18.17	1.0			CPKM 67.70 332 eP				
IIA 12.85 307 (P)	11 15.45	1.4			1.2s 44.86nm 5.1mb					(PcP) 20 09.39				
TPM 13.07 306 (P)	11 16.00	-1.3			ABL 36.72 314 ePc	15 19.32	1.2			SVW 69.24 331 eP				
III 13.09 302 (P)	11 18.56	1.0			eP 15 29.17 33kmX					0.7s 21.28nm 5.4mb				
UNM 13.36 307 (P)	11 21.50	0.4			HVU 37.15 329 eP	15 21.60	0.1			(pP) 19 25.07 31kmX				
MRX 15.16 304 (P)	11 47.28	2.7			TNP 37.21 320 eP	15 22.81	0.7			TTA 69.87 333 ePd				
BOG 15.29 116 eP	11 51.50	4.9X			0.9s 21.84nm 4.9mb					0.8s 15.79nm 5.2mb				
iS 14 09.00					BCH 37.50 314 eP	15 25.89	1.4			SDN 70.69 325 iPd				
COLM 17.03 298 (P)	12 09.50	0.9			BONR 37.82 319 iPd	15 27.66	0.3			0.8s 100.57nm 6.0mb				
MGP 21.05 70 P	12 57.00	1.7			ePcP 17 44.68					epP 19 34.01 25kmX				
LRS 21.35 69 P	12 58.80	0.4			PKEM 37.97 315 eP	15 30.39	2.1			AIA 78.63 170 eP				
PORP 21.48 70 P	13 00.50	0.9			PHAM 38.05 315 ePc	15 31.07	2.0			ADK 80.27 321 ePc				
CLLP 21.54 70 P	13 01.00	0.8			HHA1 38.07 331 eP	15 29.01	-0.2			0.8s 68.97nm 5.7mb				
CPD 22.14 71 P	13 06.30	0.0			SIV 38.12 135 P	15 31.00	1.2			epP 20 28.17 23kmX				
LPR 22.25 70 P	13 09.40	2.0			FRI 38.19 317 iPd	15 30.10	-0.1			TIC 81.70 85 P				
HBF 22.33 17 (P)	13 11.43	3.5X			PRI 38.39 315 ePd	15 32.72	0.7			LIC 81.77 85 P				
SGS 22.54 16 eP	13 09.82	-0.2			PRS 38.98 315 ePd	15 37.96	1.1			0.7s 7.50nm 4.9mb				
PRM 22.95 12 eP	13 14.61	0.5			ULM 39.11 352 eP	15 37.50	-0.2			KIC 82.02 85 P				
UYO 23.27 346 iPc	13 17.90	0.6			SAO 39.25 315 eP	15 40.23	1.1			GRF 87.05 40 eP				
PWLA 23.29 360 eP	13 17.53	0.1			LMN 39.38 26 ePc	15 41.50	1.5			Z 20s 1.00um 5.2Msz				
JSC 23.38 14 eP	13 19.92	1.7			ARN 39.62 316 eP	15 43.15	1.0			GEC2 88.85 40 ePc				
LHS 23.68 15 eP	13 22.12	1.0			GCC 39.77 315 eP	15 44.15	0.8			0.7s 1.09nm 4.3mb				
OLY 24.04 353 eP	13 24.64	0.0			LRM 40.03 333 eP	15 45.50	-0.2			e 21 11.70				
GBTN 24.20 7 ePc	13 27.38	1.1			ePcP 17 51.90					e 21 24.30				
TKL 24.25 8 eP	13 27.74	1.0			PCC 40.27 316 ePd	15 49.09	1.6			BJI 124.00 338 ePKP				
MEO 25.07 339 iPd	13 33.00	-1.7			BKS 40.37 316 eP	15 49.92	1.7			HHC 124.83 342 PKP				
FKO 25.11 341 iPc	13 34.50	-0.5			ORV 40.78 319 eP	15 53.28	1.6			TIY 127.40 340 ePKP				
FNO 25.11 341 iPc	13 34.40	-0.6			NWRM 41.11 317 eP	15 55.04	0.8			GTA 128.77 352 ePKP				
TUL 25.26 345 eP	13 35.80	-0.7			MIN 41.29 320 ePd	15 56.27	0.3			SSE 129.23 327 ePKP				
2.2s 349.30nm 5.7mb					LTCM 41.54 319 eP	15 58.62	0.7			NJ2 129.64 330 PKPd				
LNO 25.26 345 eP	13 35.70	-0.6			LBFM 42.04 321 ePc	16 02.57	0.4			1.5s 3.70nm				
LNO2 25.26 345 eP	13 35.70	-0.7			FOX 42.91 319 eP	16 11.23	2.1			LZH 131.32 347 ePKP				
MGH 25.36 75 eP	13 34.00	-3.6X			FHC 43.06 319 eP	16 11.73	1.4			XAN 131.91 341 ePKP				
OCO 25.38 341 iPd	13 38.20	0.6			EKR 43.10 319 eP	16 12.26	1.7			CD2 136.30 346 ePKP				
CEH 25.46 17 eP	13 39.12	0.8			SES 43.13 338 eP	16 10.00	-0.8			ASPA 138.50 247 ePKP				
0.7s 57.46nm 5.4mb					JAQ 43.21 10 eP	16 09.50	-1.8			W82 138.64 253 ePKP				
Z 20s 1.57um 4.5Msz					DPW 44.20 331 eP	16 18.84	-0.7			0.6s 3.80nm				
25.62 357 eP	13 38.60	-1.2			LON 45.27 327 eP	16 27.06	-1.1			LSA 138.95 1 ePKP				
26.38 13 eP	13 47.51	0.6			eP 16 35.90 30kmX					GYA 139.64 340 PKP				
0.7s 28.18nm 5.1mb					esP 16 41.54					GKN 139.98 10 PKP				
					ePcP 18 07.57					GUN 140.27 9 PKP				
					epPcP 18 17.58					KKN 140.30 10 PKP				
					eP 16 31.99 0.2					DMN 140.45 10 PKP				

02d 11h

PKI 140.53 9 PKP 27 33.14 -8.0X
 KMI 142.08 344 ePKP 27 42.50 -1.3
 QIZ 144.93 330 PKPd 27 48.40 -0.1
 PPR 146.11 308 ePKPd 27 56.00 5.4X
 COOL 147.01 230 ePKP 27 52.00 0.3
 HYB 148.21 25 ePKP 27 54.40 0.5
 1.2s 106.00nm
 e 28 05.50

CHG 149.06 347 ePKP 27 50.90 -4.4X
 BDT 150.57 347 ePKP 27 58.00 0.5
 1.0s 117.30nm
 GBA 151.03 31 PKP 28 04.00 5.8X
 NST 151.79 344 ePKP 28 07.00 7.7X
 MBL 151.83 247 ePKP 28 05.00 5.7X
 KHT 153.03 346 ePKP 28 09.00 7.9X
 KOD 153.87 35 ePKP 28 12.00 9.2X
 S.D. = 1.1 on 142 of 165 obs.

SEP 02, 1992 11h 17m 41.80±1.11s
 41.684 N ±10.9km 22.323 E ±6.4km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.3 (THE).

KNT 0.68 140 ePg 17 54.82 -0.4
 SKO 0.72 294 ePn 17 55.50 -0.5
 i 18 03.50
 GRG 0.73 175 ePg 17 55.40 -0.7
 SRS 1.11 120 ePg 18 03.20 0.6
 eSg 18 17.40
 FNA 1.15 219 ePg 18 03.48 0.2
 SOH 1.16 138 ePg 18 03.73 0.2
 OHR 1.28 244 ePn 18 06.30 0.7
 S.D. = 0.7 on 7 of 7 obs.

? SEP 02, 1992 11h 19m 16.07±6.11s
 11.233 N ±78.2km 87.639 W ±29.5km
 DEPTH = 10.0km (geophysicist)
 4.4mb (4 obs.)

NEAR COAST OF NICARAGUA (74)

PRM 23.25 11 eP 24 24.74 0.2
 GBTN 24.52 7 eP 24 36.55 -0.3
 TKL 24.57 8 eP 24 37.18 -0.1
 TUL 25.65 345 eP 24 49.20 1.5
 0.6s 17.90nm 4.9mb
 LNO 25.66 345 eP 24 48.10 0.6
 CEH 25.74 16 eP 24 47.85 -0.6
 0.5s 7.09nm 4.6mb
 ELC 25.98 357 eP 24 50.15 -0.5
 EEO 36.03 10 eP 26 18.50 -0.9
 BW06 36.76 333 eP 26 27.00 1.1
 0.6s 0.78nm 3.7mb
 ULM 39.49 352 eP 26 47.00 -1.4
 LMN 39.61 25 eP 26 51.50 2.1
 YKA 54.73 345 eP 28 46.00 -1.7
 0.7s 1.40nm 4.1mb
 S.D. = 1.3 on 12 of 12 obs.

* SEP 02, 1992 11h 33m 51.66±0.64s
 11.041 N ±10.7km 86.517 W ±14.8km
 DEPTH = 10.0km (geophysicist)
 4.6mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

PWLA 23.87 357 eP 39 06.57 0.4
 UYO 24.14 344 iPd 39 09.00 0.3
 GBTN 24.60 5 eP 39 14.13 0.9
 TKL 24.63 5 eP 39 14.77 1.2
 OLY 24.76 350 eP 39 14.31 -0.5
 e 39 25.33
 CEH 25.64 14 eP 39 24.32 1.2
 1.0s 45.56nm 5.1mb
 MEO 26.07 337 iPd 39 28.90 1.8
 TUL 26.15 343 eP 39 27.20 -0.6
 0.8s 18.30nm 4.8mb
 LNO 26.15 343 eP 39 27.10 -0.6
 ELC 26.24 355 eP 39 28.18 -0.5
 NAV 26.66 10 eP 39 33.47 0.8
 ACO 27.97 338 iPd 39 44.60 0.0
 JFWS 31.92 355 eP 40 18.30 -1.3
 0.9s 31.15nm 5.2mb
 ZOBO 32.68 146 P 40 28.00 0.8
 SRU 35.19 327 eP 40 48.19 0.0
 ePcP 43 18.88
 MSU 35.69 324 eP 40 53.57 1.1
 ePcP 43 21.85

EEO 36.04 9 eP 40 56.00 0.9
 DAU 36.52 328 eP 41 00.00 0.4
 ePcP 43 23.70
 SIV 36.82 136 eP 41 04.00 2.0
 BW06 37.45 332 eP 41 06.69 -0.5
 1.0s 1.67nm 3.8mb
 ePcP 43 26.00

BONR 39.09 319 eP 41 22.64 1.5
 ePcP 43 32.12
 HHA 39.19 330 (P) 41 21.71 0.0
 LMN 39.32 24 eP 41 24.00 1.3
 LBFM 43.29 321 eP 41 56.00 0.5
 JAO 43.51 9 eP 41 55.00 -1.9
 BAO 46.45 124 Pc 42 19.90 -1.1
 BDF 46.53 124 Pd 42 20.00 -1.7
 RMW 46.88 328 (P) 42 24.28 0.3
 YKA 55.20 345 eP 43 24.00 -2.8
 0.9s 2.00nm 4.1mb
 MBC 67.53 352 eP 44 47.50 -2.3
 FBA 68.08 336 eP 44 51.14 -2.3
 0.9s 1.96nm 4.3mb

WB2 139.72 252 ePKP 53 23.10 0.6
 0.6s 2.70nm
 GBA 150.79 33 PKP 53 47.00 6.0X
 S.D. = 1.3 on 32 of 33 obs.

? SEP 02, 1992 11h 57m 39.78±3.33s
 39.204 N ±28.1km 27.102 E ±10.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EZN 0.86 316 ePg 57 56.30 -0.1
 eSg 58 09.30
 DST 1.25 71 ePn 58 02.60 -0.4
 EDC 1.28 27 iPn 58 02.60 -1.0
 BNT 1.31 28 iPn 58 04.60 0.6
 KCT 1.42 42 ePn 58 06.60 0.9
 S.D. = 1.1 on 5 of 5 obs.

* SEP 02, 1992 12h 25m 04.92±0.70s
 11.368 N ±11.9km 86.980 W ±12.0km
 DEPTH = 10.0km (geophysicist)
 4.4mb (7 obs.)

NEAR COAST OF NICARAGUA (74)

SDV 16.28 97 eP 28 58.10 2.5
 PWLA 23.53 358 eP 30 16.24 0.2
 e 30 23.67
 UYO 23.70 344 iPd 30 18.10 0.3
 GBTN 24.32 5 ePc 30 24.59 0.8
 TKL 24.36 6 eP 30 25.08 1.0
 CEH 25.44 15 eP 30 35.25 0.8
 0.7s 16.83nm 4.8mb
 MEO 25.59 337 iPd 30 36.30 0.3
 FNO 25.60 340 iPd 30 35.00 -1.0
 TUL 25.70 343 eP 30 36.20 -0.8
 0.6s 11.70nm 4.8mb

LNO 25.71 343 eP 30 35.60 -1.3
 OCO 25.87 340 iPd 30 40.00 1.5
 ACO 27.50 338 iPd 30 51.70 -1.9
 ALQ 29.40 326 eP 31 11.59 0.6
 1.0s 5.42nm 4.3mb
 GOL 32.59 333 eP 31 38.34 -0.7
 1.0s 5.66nm 4.5mb

ZOBO 33.21 145 P 31 46.50 1.5
 SRU 34.67 327 eP 31 56.49 -0.5
 PLM 35.03 313 (P) 32 02.19 2.0
 MSU 35.16 325 eP 32 01.28 0.0
 ARUT 35.41 322 eP 32 04.03 0.7
 PEC 35.53 314 (P) 32 06.16 1.9
 0.3s 1.31nm 4.3mb
 EEO 35.79 9 eP 32 06.00 -0.2
 RSSD 35.80 339 (P) 32 07.15 0.5
 0.8s 2.59nm 4.1mb
 DAU 36.00 328 eP 32 07.00 -1.5
 BW06 36.95 332 eP 32 15.00 -1.3
 0.8s 2.38nm 4.0mb
 SIV 37.37 136 eP 32 18.00 -1.8
 HVU 37.78 328 (P) 32 24.12 0.9
 BONR 38.54 319 eP 32 31.08 1.2
 HHA 38.68 330 eP 32 30.43 -0.3
 LMN 39.22 25 eP 32 35.50 0.5
 ULM 39.45 351 eP 32 36.50 -0.4
 LRM 40.62 332 eP 32 46.70 -0.2
 LBFM 42.75 321 eP 33 05.07 0.7
 i 33 12.73
 JAO 43.27 10 eP 33 05.50 -2.7

DPW 44.81 330 eP 33 19.43 -1.4
 BDF 47.09 124 e(P) 33 37.00 -2.4
 MBC 67.15 352 eP 35 51.00 -9.6X
 GBA 150.77 32 PKP 44 58.00 3.8X
 S.D. = 1.3 on 35 of 37 obs.

? SEP 02, 1992 12h 32m 13.61±10.43s
 42.625 N ±88.4km 23.838 E ±24.8km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 MD 2.8 (THE).

SRS 1.52 187 ePb 32 40.08 -0.8
 eSb 33 01.92
 KNT 1.62 206 ePb 32 42.80 0.5
 eSb 33 05.96
 SOH 1.84 192 ePb 32 44.84 -0.7
 eSb 33 12.28
 SKO 1.90 251 ePn 32 52.00 5.7X
 OUR 2.29 177 ePn 32 53.08 1.1
 ALN 2.39 136 ePn 32 53.28 -0.1
 MLR 3.24 27 eP 33 08.00 2.4X
 S.D. = 1.1 on 5 of 7 obs.

? SEP 02, 1992 12h 53m 09.12±5.19s
 11.088 N ±67.2km 87.355 W ±21.6km
 DEPTH = 10.0km (geophysicist)
 4.3mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

UYO 23.87 345 iPd 58 23.70 0.1
 GBTN 24.63 6 eP 58 31.20 0.2
 TKL 24.68 7 eP 58 31.92 0.5
 MEO 25.71 338 iPd 58 41.20 -0.1
 CEH 25.80 16 eP 58 42.02 -0.1
 0.4s 7.53nm 4.7mb
 TUL 25.87 344 eP 58 43.00 1.1
 0.8s 54.80nm 5.3mb
 LNO 25.87 344 eP 58 43.70 1.1
 ELC 26.14 357 eP 58 43.40 -1.8
 ACO 27.63 339 iPd 58 59.20 0.3
 GOL 32.68 334 (P) 59 43.73 -0.3
 0.8s 4.19nm 4.4mb
 RSSD 35.93 339 (P) 00 12.17 0.3
 0.4s 1.29nm 4.1mb
 EEO 36.12 10 eP 00 13.50 0.3
 BW06 37.02 332 (P) 00 20.00 -1.1
 0.6s 1.01nm 3.8mb
 LMN 39.62 25 eP 00 44.00 1.4
 ULM 39.67 351 eP 00 42.50 -0.4
 JAO 43.61 10 ePc 01 12.50 -2.6
 YKA 54.94 345 eP 02 43.50 1.2
 0.8s 1.20nm 4.0mb
 WB2 138.95 252 iPKPc 12 47.00 8.4X
 0.8s 2.50nm
 S.D. = 1.1 on 17 of 18 obs.

& SEP 02, 1992 13h 02m 22.39s
 60.103 N 152.861 W
 DEPTH = 103.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

INE 0.11 247 ePc 02 36.22 0.7
 eS 02 48.23
 INW 0.14 256 ePc 02 36.28 0.7
 eS 02 48.17
 RS1 0.36 8 iPd 02 37.45 -0.7
 RSO 0.36 8 iPd 02 37.42 -0.7
 RS2 0.36 8 iPd 02 37.46 -0.7
 RDW 0.38 4 iPd 02 37.40 -0.8
 REF 0.40 12 iPd 02 37.58 -0.7
 eS 02 49.99
 RDN 0.42 7 eP 02 37.70 -0.6
 NCT 0.46 356 iPd 02 37.84 -0.7
 eS 02 50.33
 OPT 0.49 203 ePc 02 37.92 -0.8
 eS 02 50.54
 DFR 0.50 10 iPd 02 37.98 -0.8
 RDT 0.52 25 iPd 02 38.15 -0.8
 PDB 0.74 245 ePc 02 39.76 -0.9
 eS 02 53.49
 HOM 0.76 125 eP 02 40.33 -0.5
 eS 02 54.33
 AUL 0.78 202 eP 02 41.21 0.1
 AUW 0.80 203 eP 02 40.58 -0.6
 CNPM 1.00 124 ePd 02 42.52 -0.9

BKG	1.01	17	iPc	02 58.62	
NKA	1.03	51	iPc	02 42.87	-0.7
CKL	1.13	13	iPc	02 44.53	0.9
			eS	02 44.14	-0.7
SPU	1.15	20	ePc	03 01.72	
CKN	1.17	16	eP	02 44.18	-0.9
BGL	1.19	11	iPc	02 44.76	-0.6
CRP	1.22	16	iPc	02 45.01	-0.5
			eS	02 45.32	-0.6
CDD	1.24	199	eP	03 03.38	
CGLM	1.28	19	iPc	02 45.58	-0.5
NCG	1.35	15	ePd	02 45.87	-0.7
SLKM	1.38	72	ePc	02 46.89	-0.6
SYI	1.52	171	eP	02 46.31	-1.4
SVW	1.69	308	iPd	02 47.77	-1.6
SUA	1.72	36	ePc	02 49.99	-1.7
			eS	02 51.24	-0.8
MPA	1.79	76	ePc	03 03.38	
PMS	1.99	53	eP	02 51.23	-1.5
			eS	02 54.33	-1.1
SKT	1.99	18	ePc	03 19.24	
PTE	2.05	66	ePc	02 54.31	-1.2
			eS	02 54.74	-1.4
PWA	2.13	42	eP	03 19.53	
PLRM	2.36	49	eP	02 57.04	-0.2
			eS	02 58.37	-1.9
KNK	2.53	57	eP	03 27.20	
			eS	03 00.31	-2.3
GHO	2.55	47	eP	03 03.87	
			eS	03 01.26	-1.7
KNIM	2.57	82	eP	03 03.97	
			eS	03 00.09	-3.1
MTU	2.62	90	eP	03 30.06	
CUT	2.63	27	eP	03 01.66	-2.1
SML	2.79	50	ePc	03 03.62	-0.3
HIN	3.18	82	eP	03 03.74	-2.5
SCM	3.21	55	eP	03 09.27	-2.2
TTA	3.21	333	eP	03 09.73	-2.1
FID	3.23	76	eP	03 10.09	-1.9
VLZ	3.38	69	eP	03 09.48	-2.6
KLU	3.68	65	ePc	03 11.17	-2.9
TOA	3.82	55	eP	03 15.02	-3.2
			eS	03 17.81	-2.4
50 obs. associated					
SEP 02, 1992 13h 10m 32.93s					
59.907 N 153.540 W					
DEPTH = 139.6km					
SOUTHERN ALASKA (2)					
<AEIC>.					
INW	0.26	52	eP	10 51.50	0.6
			eS	11 06.26	
INE	0.29	57	eP	10 51.85	0.8
			eS	11 06.84	
OPT	0.30	148	iP	10 51.76	0.8
			eS	11 06.22	
PDB	0.35	250	iP	10 51.69	0.6
			eS	11 06.26	
AUL	0.53	174	eP	10 52.77	-0.7
AUW	0.54	176	eP	10 52.74	-0.8
AUH	0.55	175	eP	10 52.80	-0.9
AUE	0.56	171	iP	10 52.75	-0.9
RS1	0.68	35	eP	10 53.77	-0.9
RS2	0.68	35	eP	10 53.81	-0.9
RSO	0.68	35	eP	10 54.01	-0.7
RDW	0.68	32	eP	10 53.69	-1.0
REF	0.72	35	eP	10 54.01	-0.9
NCT	0.72	25	eP	10 54.05	-0.8
DFR	0.81	31	eP	10 54.66	-0.8
MCNL	0.83	210	eP	10 54.57	-1.0
RDT	0.88	40	eP	10 55.04	-1.0
CDD	0.98	183	eP	10 55.42	-1.5
			eS	11 13.48	
HOM	0.99	104	eP	10 55.98	-0.9
			eS	11 13.72	
BGM	1.00	240	iP	10 55.88	-1.2
CNPM	1.23	107	iP	10 57.83	-1.4
			eS	11 16.61	
BKG	1.33	28	eP	10 59.46	-0.8
CKL	1.42	24	eP	11 00.68	-0.7
			eS	11 22.22	
SYI	1.43	155	eP	10 59.72	-1.5
			eS	11 20.68	
BGL	1.47	22	eP	11 01.47	-0.4
SPU	1.47	29	eP	11 01.01	-0.8
			eS	11 23.27	

CRP	1.53	26	eP	11 01.99	-0.5
SVW	1.59	320	eP	11 02.13	-0.9
CGLM	1.60	28	eP	11 02.44	-0.8
NCG	1.65	24	eP	11 03.31	-0.5
SLKM	1.76	69	eP	11 03.49	-1.6
			eS	11 26.21	
SUA	2.08	40	eP	11 07.74	-1.2
MPA	2.17	73	eP	11 08.24	-1.6
SKT	2.30	24	eP	11 10.45	-1.1
PMS	2.38	54	eP	11 10.71	-1.9
PTE	2.44	65	eP	11 11.76	-1.5
PWA	2.51	44	eP	11 13.80	-0.3
KNK	2.92	57	eP	11 16.78	-2.7
GHO	2.93	48	eP	11 17.20	-2.5
KNIM	2.94	79	eP	11 17.23	-2.4
MTU	2.96	86	eP	11 18.36	-1.6
CUT	2.97	31	eP	11 18.77	-1.2
SML	3.18	51	eP	11 20.25	-2.6
GLI	3.34	70	eP	11 23.07	-1.9
HIN	3.55	79	eP	11 25.28	-2.5
FID	3.61	73	iP	11 25.91	-2.6
VLZ	3.77	68	eP	11 28.82	-1.7
TRF	3.88	22	eP	11 30.30	-1.9
KLU	4.07	64	eP	11 31.96	-2.7
49 obs. associated					

? SEP 02, 1992 13h 20m 54.32±1.69s
10.838 N ±22.6km 86.655 W ±16.6km
DEPTH = 33.0km (normal)

4.8mb (2 obs.)

OFF COAST OF COSTA RICA (77)

HBF	22.74	14	eP	25 53.72	-1.0
JSC	23.85	11	eP	26 06.62	1.1
PWLA	24.07	357	eP	26 07.82	0.2
LHS	24.13	12	eP	26 09.02	0.8
GBTN	24.82	5	eP	26 15.27	0.4
TKL	24.85	6	eP	26 15.05	-0.1
OLY	24.94	351	eP	26 13.81	-2.3
CEH	25.87	14	eP	26 24.92	0.2
	0.4s	10.14nm		4.8mb	
		e	26 31.87		
JFWS	32.11	355	eP	27 18.61	-2.1
	0.8s	10.01nm		4.8mb	
SRU	35.28	327	eP	27 48.44	0.0
		e	27 56.28		
EEO	36.26	9	ePd	27 56.50	0.1
DAU	36.62	328	eP	28 00.02	0.2
PTI	38.98	330	eP	28 20.25	0.8
HHA1	39.30	330 (P)		28 22.61	0.5
LMN	39.56	24	ePd	28 25.00	0.9
ULM	40.02	351	eP	28 28.50	0.7
CRP	68.87	332	eP	32 05.14	7.3X
		e	32 10.51		
LIC	80.66	85	P	33 05.60	-0.5
GBA	151.04	33	PKP	40 46.00	5.6X
S.D. = 1.0 on 17 of 19 obs.					

? SEP 02, 1992 13h 37m 13.21±19.24s
34.432 N ±146.km 26.763 E ±76.6km
DEPTH = 33.0km (normal)

CRETE (370)

MD 4.3 (ATH).

NPS	1.26	312	ePn	37 34.00	-0.6
			eSn	37 53.00	
ELL	3.45	47	iP	38 10.00	3.9X
VLI	3.86	307	ePn	38 12.00	0.3
BCK	4.33	45	eP	38 21.30	2.8X
PRK	4.82	355	ePn	38 25.00	-0.3
CSS	5.44	83	eP	38 45.00	10.9X
		eS	39 43.50		
AGG	5.80	323	eP	38 39.70	0.5
KOT	6.21	135	ePn	38 50.50	5.5X
VLS	6.23	309	ePn	38 45.00	-0.3
JVI	7.62	107	eP	39 08.50	3.7X
DSI	7.78	109	eP	39 11.00	4.0X
MBH	8.31	122	eP	39 19.70	5.3X
GEC2	17.36	330	eP	41 14.90	0.4
	0.8s	1.21nm		3.1mb	
KIC	40.32	233	P	44 52.70	3.4X
LIC	40.62	234	P	44 55.00	3.3X
S.D. = 0.6 on 6 of 15 obs.					

SEP 02, 1992 13h 39m 24.88±0.50s
11.452 N ± 8.5km 87.174 W ± 7.9km
DEPTH = 10.0km (geophysicist)

4.5mb (13 obs.)
NEAR COAST OF NICARAGUA (74)

PBJ	9.40	303 (P)		41 41.50	-2.0
TPM	13.69	305 (P)		42 42.00	0.2
COLM	17.68	298 (P)		43 35.50	2.5
HBF	22.27	15 eP		44 25.89	2.2
PRM	22.95	10 eP		44 32.05	1.6
JSC	23.36	12 eP		44 35.83	1.5
PWLA	23.44	358 eP		44 35.11	0.0
UYO	23.57	345 iPd		44 36.60	0.2
LHS	23.65	13 eP		44 38.53	1.4
TKL	24.29	7 eP		44 44.17	0.7
CEH	25.41	15 eP		44 55.25	1.1
	1.3s	82.72nm			5.3mb
MEO	25.44	338 iPd		44 53.60	-0.9
TUL	25.57	344 eP		44 54.50	-1.2
	0.8s	135.80nm			5.7mb X
		e	44 57.10		
		e	45 00.60		
		e	45 03.00		
LNO	25.57	344 ePd		44 54.20	-1.4
OCO	25.72	340 iPd		44 59.00	1.9
ELC	25.79	356 eP		44 56.27	-1.4
ACO	27.36	339 e(P)		45 11.00	-1.2
ALQ	29.23	326 eP		45 29.45	0.1
	0.9s	3.76nm			4.2mb
LVNJ	31.22	18 eP		45 46.15	-0.5
ZOBO	33.38	145 P		46 06.20	-0.3
SRU	34.49	327 eP		46 14.94	-0.5
PLM	34.84	313 eP		46 19.96	1.5
MSU	34.98	325 eP		46 18.01	-1.7
ARUT	35.23	323 eP		46 22.38	0.7
PEC	35.33	314 (P)		46 24.09	1.6
	0.8s	8.07nm			4.6mb
RSSD	35.65	339 eP		46 25.40	0.1
	0.6s	3.73nm			4.4mb
EEO	35.74	10 eP		46 26.00	0.3
DAU	35.83	328 eP		46 26.64	-0.3
TPNV	36.44	319 eP		46 33.37	1.4
	0.8s	8.88nm			4.6mb
DUG	36.50	326 eP		46 32.85	0.4
	1.0s	6.47nm			4.4mb
BW06	36.78	332 eP		46 33.00	-1.9
	0.9s	4.94nm			4.3mb
ISA	37.19	316 eP		46 38.89	0.7
	1.1s	5.55nm			4.2mb
HVU	37.61	328 eP		46 40.75	-1.0
BONR	38.35	319 eP		46 48.43	0.2
HHA1	38.52	330 eP		46 49.31	0.0
PHAM	38.62	314 eP		46 51.17	1.1
LMN	39.22	25 eP		46 56.00	1.0
ULM	39.34	351 eP		46 55.00	-0.9
ARN	40.17	316 eP		47 04.83	1.8
LRM	40.45	333 eP		47 04.80	-0.7
		ePcP	49 09.60		
LBFM	42.56	321 eP		47 23.04	0.2
JAO	43.22	10 eP		47 25.50	-2.2
SES	43.50	338 eP		47 29.00	-1.1
FHC	43.59	319 (P)		47 32.84	1.8
	1.0s	44.28nm			5.2mb
DPW	44.65	330 (P)		47 39.08	-0.4
RMW	46.19	328 (P)		47 52.89	1.2
GMW	46.76	327 eP		47 54.82	-1.4
BAO	47.21	124 Pc		48 01.10	0.9
8DF	47.30	124 e(P)		48 01.00	0.1
YKA	54.64	345 eP		48 53.70	-2.1
	0.8s	4.00nm			4.5mb
MBC	67.04	352 eP		50 18.00	-1.9
	1.0s	6.00nm			4.7mb
F8A	67.44	336 eP		50 21.24	-1.4
	1.0s	2.52nm			4.4mb
ADK	80.79	321 eP		51 40.15	0.0
	0.9s	40.63nm			5.4mb
LZH	131.59	348 ePKP		58 41.00	0.8
	1.6s	25.00nm			
WB2	139.23	253 iPKPd		58 54.70	-0.2
	0.6s	3.70nm			
		i	58 59.60		
GKN	139.99	11 PKP		58 55.60	-0.6
GUN	140.30	10 PKP		58 56.20	-0.8
KKN	140.31	10 PKP		58 56.60	-0.3
DMN	140.46	11 PKP		58 56.80	-0.4
PKI	140.55	10 PKP		58 56.60	-0.9
CHG	149.33	349 ePKPc		59 16.00	4.0X
	1.1s	18.99nm			
GBA	150.80	32 PKP		59 15.00	0.8

02d 13h

BDT 150.84 348 ePKP 59 20.00 5.8X
1.0s 55.20nm
S.D. = 1.2 on 61 of 63 obs.

* SEP 02, 1992 14h 28m 10.91±0.65s
11.003 N ±10.2km 86.551 W ±9.7km
DEPTH = 10.0km (geophysicist)
4.6mb (7 obs.) 4.3msz (1 obs.)
NEAR COAST OF NICARAGUA (74)

PBJ 10.16 303 (P) 30 38.50 -1.4
TPM 14.45 305 (P) 31 38.50 0.8
JSC 23.67 11 eP 33 25.02 1.6

PWLA 23.91 357 eP 33 25.85 0.1
LHS 23.95 12 eP 33 27.64 1.5
UYO 24.16 344 iPd 33 28.50 0.3
GBTN 24.64 5 eP 33 33.33 0.4
TKL 24.67 5 eP 33 34.11 0.9

CEH 25.68 14 eP 33 43.92 1.2
0.7s 22.50nm 5.0mb

MEO 26.09 337 iPc 33 46.00 -0.6
TUL 26.17 343 eP 33 44.90 -2.4
0.6s 18.30nm 4.9mb

LNO 26.17 343 eP 33 44.60 -2.6
ELC 26.28 355 eP 33 47.04 -1.2
OCO 26.35 340 iPd 33 49.20 0.2
NAV 26.71 10 eP 33 52.78 0.5
ACO 28.00 338 iPc 34 03.20 -0.8
ALQ 29.94 326 eP 34 22.58 0.8
0.8s 6.17nm 4.5mb

JFWS 31.95 355 eP 34 37.45 -1.7
1.0s 41.56nm 5.3mb

ZOBO 32.67 146 eP 34 47.00 0.7
Z 20s 0.55um 4.3msz

SRU 35.20 327 eP 35 07.18 -0.4
PLM 35.59 313 eP 35 12.98 2.1

MSU 35.70 324 eP 35 11.87 0.0
EMUT 35.87 327 eP 35 13.62 0.4

ARUT 35.95 322 eP 35 14.43 0.5
EEO 36.08 9 eP 35 15.00 0.3

RSSD 36.29 339 eP 35 17.48 0.7
0.7s 2.79nm 4.2mb

DAU 36.53 328 eP 35 18.72 -0.2
ePcP 37 43.46

SIV 36.81 136 eP 35 25.00 3.8X
BW06 37.46 332 eP 35 27.00 0.4
0.9s 2.82nm 4.0mb

BONR 39.09 319 eP 35 41.41 1.0
HHA 39.21 330 (P) 35 42.00 0.9

LMN 39.37 24 eP 35 44.00 1.7
ULM 39.88 351 eP 35 46.00 -0.4

LRM 41.13 332 eP 35 57.00 -0.1
JAO 43.56 9 eP 36 14.00 -2.5

BAO 46.45 124 Pc 36 39.80 -0.5
e 36 40.20
e 36 51.70

BDF 46.54 124 e(P) 36 42.00 1.0
YKA 55.23 345 eP 37 43.00 -3.2X
1.0s 3.20nm 4.3mb

TIC 80.48 85 P 40 23.80 -1.5
LIC 80.54 85 P 40 23.90 -1.7

GBA 150.85 33 PKP 48 03.00 2.7X
S.D. = 1.2 on 38 of 41 obs.

* SEP 02, 1992 14h 38m 22.25±1.08s
12.174 N ±15.1km 88.192 W ±11.1km
DEPTH = 10.0km (geophysicist)
4.5mb (7 obs.)

OFF COAST OF CENTRAL AMERICA (76)

PBJ 8.18 302 (P) 40 23.00 -0.8
TPM 12.47 304 (P) 41 23.00 0.2

SGS 22.07 17 (P) 43 22.09 3.0X
PRM 22.45 13 eP 43 24.47 1.6

UYO 22.63 346 iPd 43 25.00 0.4
LHS 23.20 16 eP 43 31.13 0.9

TKL 23.72 9 eP 43 36.20 0.9
MEO 24.41 339 iPc 43 41.20 -0.8

FNO 24.45 342 iPd 43 43.00 0.6
TUL 24.61 345 eP 43 42.80 -1.1
0.8s 34.90nm 5.1mb

LNO 24.61 345 eP 43 43.00 -0.8
ELC 25.02 358 eP 43 47.64 -0.2

ACO 26.33 340 iPc 43 59.60 -0.6

ALQ 28.08 327 eP 44 17.70 1.4
1.0s 3.98nm 4.2mb

GOL 31.35 334 eP 44 45.45 -0.1
0.8s 6.97nm 4.6mb

PLM 33.62 314 (P) 45 07.62 2.3
RSSD 34.63 340 eP 45 14.29 0.3
0.8s 6.25nm 4.6mb

EEO 35.21 11 eP 45 19.00 0.4
BW06 35.68 333 (P) 45 23.29 0.3
1.0s 2.50nm 4.0mb

BONR 37.16 319 eP 45 36.78 1.3
ULM 38.49 352 ePd 45 45.40 -0.8

SIV 38.77 136 eP 45 49.00 0.1
LMN 39.00 26 eP 45 51.50 0.9

LRM 39.36 333 eP 45 53.90 0.0
JAO 42.69 11 ePc 46 18.70 -2.1

YKA 53.69 345 eP 47 43.60 -2.6
0.8s 4.00nm 4.5mb

MBC 66.19 352 eP 49 10.00 -1.8
1.0s 4.00nm 4.6mb

GBA 150.69 30 PKP 58 17.00 5.6X
S.D. = 1.2 on 26 of 28 obs.

? SEP 02, 1992 14h 46m 29.30±6.47s
43.908 N ±28.1km 6.225 E ±37.9km
DEPTH = 10.0km (geophysicist)

NEAR SOUTH COAST OF FRANCE (379)
ML 2.2 (LDG).

FRF 0.46 138 Pg 46 38.70 0.0
Sg 46 44.50

LRG 0.46 168 Pg 46 38.80 0.1
Sg 46 45.40

LMR 0.61 160 P 46 41.50 -0.1
Sg 46 49.70

SBF 0.88 93 P 46 46.20 0.0
S.D. = 0.1 on 4 of 4 obs.

? SEP 02, 1992 15h 27m 57.25±2.84s
14.003 N ±34.5km 91.641 W ±11.8km
DEPTH = 54.0km (4 depth phases)

4.2mb (2 obs.)
GUATEMALA (70)

TPX 1.08 326 iPc 28 15.80 -0.5
iS 28 26.00

SCX 2.88 341 iP 28 43.50 1.8
iS 29 14.50

PBJ 4.37 304 iP 28 58.00 -4.7X
(S) 29 39.00

IISM 7.40 313 (P) 29 43.50 -1.8
TPM 8.67 306 (P) 30 01.50 -1.4

III 8.68 301 (P) 30 04.00 -0.8
MEO 21.62 344 iPd 32 41.70 -3.0X

PRM 21.69 21 eP 32 45.02 -0.3
JSC 22.27 23 eP 32 51.74 0.7

e 32 58.71 25kmX
e 33 07.27

LHS 22.62 24 (P) 32 54.42 -0.1
e 33 08.06 57km

TKL 22.69 17 eP 32 55.25 0.0
ELC 23.29 5 eP 32 59.74 -1.2

e 33 11.61 47km
ALQ 24.77 330 eP 33 16.66 1.1
0.6s 3.42nm 4.0mb

MSU 30.43 327 eP 34 06.57 -0.6
ARUT 30.60 325 eP 34 09.03 0.5

BONR 33.59 320 eP 34 36.75 1.9
e 34 50.86 56km

LBFM 37.85 322 (P) 35 12.25 1.4
e 35 26.63 56km

YKA 51.10 347 eP 36 53.70 -2.5
0.6s 2.50nm 4.4mb

GBA 150.52 22 PKP 47 45.00 5.2X
S.D. = 1.4 on 16 of 19 obs.

* SEP 02, 1992 15h 36m 59.24±0.66s
36.291 N ±13.9km 31.184 E ±14.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
ML 4.0 (CSS).

ELL 1.12 294 iPn 37 21.00 0.6
BCK 1.26 338 iPn 37 23.30 0.6

CSS 2.19 127 eP 37 36.40 0.1
eS 38 11.00

KHL 2.42 327 ePn 37 38.50 -1.1

FAM 2.63 119 eP 37 46.00 3.5X
eS 38 28.00

DST 3.88 329 ePn 38 00.00 -0.2
MMR 4.80 132 eP 38 13.00 -0.4

KSHT 5.05 129 eP 38 18.20 1.3
DSI 5.86 142 eP 38 27.20 -1.0
S.D. = 1.0 on 8 of 9 obs.

* SEP 02, 1992 15h 48m 50.38s
60.523 N 152.690 W

DEPTH = 8.3km
SOUTHERN ALASKA (2)

<AEIC>. ML 2.5 (AEIC).

REF 0.03 190 iPc 48 52.51 0.2
RDN 0.04 256 iPc 48 52.30 0.0

DFR 0.07 2 iPc 48 52.92 0.3
RS2 0.07 209 iPc 48 52.81 0.1

RSO 0.07 207 iPc 48 52.79 0.1
RS1 0.07 208 iPc 48 52.86 0.2

RDW 0.07 236 iPc 48 52.73 0.0
NCT 0.12 288 iPd 48 53.36 0.0

RDT 0.15 70 iPc 48 54.29 0.5
eS 48 56.57

INE 0.50 202 ePc 48 59.90 -0.6
eS 49 06.47

INW 0.51 206 iPc 49 00.08 -0.6
eS 49 06.73

BKG 0.59 21 ePd 49 01.81 -0.4
eS 49 09.89

CKL 0.70 14 ePd 49 03.67 -0.7
eS 49 13.21

SPU 0.73 25 ePd 49 04.24 -0.7
eS 49 13.67

CKN 0.75 19 eP 49 04.73 -0.5
NKA 0.75 72 eP 49 07.00 1.8

BGL 0.76 11 iPd 49 04.88 -0.5
CRP 0.79 19 ePd 49 05.64 -0.4
eS 49 15.87

CGLM 0.86 23 iPd 49 06.61 -0.5
OPT 0.91 197 eP 49 07.99 -0.1

NCG 0.92 16 ePd 49 07.64 -0.6
HOM 1.01 148 eP 49 10.21 0.5

PDB 1.05 226 iPc 49 09.53 -0.9
eS 49 22.85

XLV 1.18 155 iPd 49 12.09 -0.4
eS 49 27.64

AUL 1.20 198 eP 49 13.38 0.4
AUE 1.22 197 eP 49 13.06 -0.1

SLKM 1.22 90 iPd 49 12.66 -0.6
AUW 1.22 199 eP 49 13.69 0.4

AUH 1.22 198 eP 49 13.14 -0.2
CNPM 1.24 143 iPd 49 12.90 -0.7

AUI 1.25 198 eP 49 13.05 -0.7
SUA 1.34 44 eP 49 15.05 -0.2

SVW 1.55 294 eP 49 18.13 -0.2
eS 49 37.69

SKT 1.57 20 eP 49 19.15 0.6
MPA 1.65 90 eP 49 19.84 0.2

CDD 1.67 197 eP 49 19.71 -0.3
PMS 1.69 63 eP 49 20.44 0.1

BGM 1.71 230 eP 49 20.82 0.2
PWA 1.77 49 eP 49 22.68 1.2

PTE 1.84 78 eP 49 23.35 1.0
SYI 1.93 175 eP 49 23.52 -0.2

KNK 2.25 65 eP 49 28.67 0.2
KNIM 2.46 92 eP 49 31.57 0.2

43 obs. associated

SEP 02, 1992 15h 56m 25.11±0.28s
54.467 N ±7.8km 166.532 E ±3.7km
DEPTH = 31.0km (9 depth phases)

4.6mb (22 obs.) 4.1msz (1 obs.)
KOMANDORSKY ISLANDS REGION (4)

SMY 4.83 108 eP 57 37.60 0.1
ADK 10.40 98 eP 58 56.00 0.9

YAK 20.55 306 eP 01 00.00 -3.3X
iPP 01 30.00
iS 04 50.00
eScS 12 09.00

TTA 20.94 51 iP 01 07.04 -0.3
1.4s 34.91nm 4.6mb

IMA 22.44 43 eP 01 22.80 0.4
1.2s 28.80nm 4.6mb

CRP 22.67 56 eP 01 24.65 -0.2
PMS 23.93 56 eP 01 36.00 -0.9

FBA	24.72	47	eP	01	44.12	-0.3	1.2s	13.10nm	4.8mb	0.8s	5.95nm	4.4mb								
	0.8s	22.27nm				4.8mb	WB2	79.08	211	iPd	08	26.70	-1.0							
TOA	25.48	53	eP	01	52.40	0.6		0.7s	4.20nm	4.6mb	SIV	37.16	136	eP	30	55.00	0.9			
MAT	26.47	239	eP	01	59.00	-2.1			i	08	35.00	26km	HVU	37.95	328	eP	31	01.29	0.7	
	0.8s	6.72nm				4.3mb	ASPA	82.72	210	iPc	08	46.70	-0.2	BONR	38.74	319	eP	31	06.76	-0.7
BALM	27.43	55	eP	02	08.81	-0.9		1.9s	9.10nm	4.5mb	LMN	39.15	24	ePd	31	12.40	2.0			
MBC	34.25	24	eP	03	09.00	-0.6	SPA	144.28	180	iPKPc	15	54.10	-4.1X	ULM	39.53	351	eP	31	13.00	-0.6
	0.5s	3.00nm				4.5mb		1.0s	4.50nm		ARN	40.57	316	eP	31	22.56	0.2			
IRK	36.13	293	eP	03	27.00	1.1		S.D. = 0.9	on 53 of 56 obs.		LRM	40.77	332	eP	31	23.90	-0.2			
	1.6s	22.00nm				4.8mb					ORV	41.71	318	eP	31	30.67	-0.9			
Z	10s	0.21um				4.2MsZ	? SEP 02, 1992	16h 09m	30.11± 1.22s		JAO	43.27	10	eP	31	42.50	-1.6			
N	10s	0.21um					10.085 N ± 23.3km	84.752 W ± 33.8km			NEW	44.73	331	eP	31	56.00	-0.1			
E	12s	0.21um					DEPTH = 10.0km (geophysicist)					1.0s	8.00nm			4.6mb				
		e		03	36.00	30km	4.3mb (2 obs.)				LON	46.09	327	(P)	32	06.34	-0.6			
		e		03	49.80		COSTA RICA	(78)			BAO	46.77	124	e(P)	32	11.00	-1.8			
		e		03	59.00		Felt in much of Costa Rica.						e		32	12.00				
		LR		19	11.00								e		32	15.00				
BTO	39.51	273	eP			0.6	EEO	36.75	7	iPd	16	43.10	3.6X			32	22.00			
N	12s	0.32um					JAO	44.20	8	ePd	17	41.30	0.4	BDF	46.86	124	e(P)	32	14.00	0.5
E	12s	0.62um					BAO	44.48	125	Pd	17	44.10	0.3	GMW	47.11	327	(P)	32	14.89	-0.1
YKA	39.52	46	eP	03	53.50	-0.6			e	17	44.60		PPD	48.02	134	(P)	32	22.00	-0.4	
	0.6s	5.50nm				4.5mb	BDF	44.57	125	Pc	17	45.50	1.0	YKA	54.88	345	eP	33	11.10	-2.5
RMW	43.86	68	eP	04	30.38	0.4	YKA	56.59	344	eP	19	15.60	0.4		1.0s	6.70nm		4.6mb		
LZH	46.12	273	eP	04	49.00	0.7		0.8s	3.30nm	4.4mb	MBC	67.22	352	ePd	34	35.20	-1.9			
	1.5s	35.00nm				5.1mb	MBC	68.72	352	eP	20	37.00	1.4		1.0s	7.00nm		4.8mb		
Z	12s	0.56um				4.7MsZ		0.5s	6.00nm	5.0mb X				ADK	81.17	321	eP	35	58.23	0.1
N	10s	0.44um					HFS	85.51	30	eP	22	08.50	-0.9		0.9s	42.19nm		5.5mb		
E	11s	0.44um						0.6s	1.10nm	4.2mb	WB2	139.62	253	iPKPd	43	08.40	-3.2X			
		pP		04	57.50	28km	AGG	96.68	49	eP	23	00.40	-1.8		0.8s	1.70nm				
GTA	46.20	280	eP	04	49.00	0.2	WB2	141.07	251	ePKP	29	02.60	-0.8	KMI	142.62	346	ePKP	43	16.50	-0.6
	2.0s	40.00nm				5.0mb		0.5s	3.70nm						1.5s	40.00nm				
Z	16s	0.80um				4.8MsZ			i	29	07.40		GBA	150.66	33	PKP	43	31.00	1.0	
LBFM	47.68	75	eP	05	00.00	0.2		S.D. = 1.3	on 8 of 9 obs.				BDT	151.05	349	ePKP	43	31.50	0.9	
CD2	49.07	268	eP	05	18.10	0.8		SEP 02, 1992	16h 23m	40.91± 0.50s					1.0s	41.40nm				
LRM	49.90	65	eP	05	17.00	-0.7		11.328 N ± 8.6km	86.719 W ± 8.3km						S.D. = 1.1	on 52 of 56 obs.				
WMO	50.06	292	eP	05	18.00	-0.7		DEPTH = 10.0km (geophysicist)								SEP 02, 1992	16h 50m	45.41± 0.19s		
Z	16s	0.31um				4.4MsZ		4.7mb (14 obs.)	4.1MsZ (2 obs.)							10.441 N ± 3.8km	86.840 W ± 3.5km			
GYA	51.50	262	eP	05	30.80	0.9		NEAR COAST OF NICARAGUA	(74)							DEPTH = 8.3km (4 depth phases)				
BONR	52.02	76	eP	05	34.03	0.1	PBJ	9.84	302	(P)	26	06.00	0.4			5.4mb (71 obs.)	5.4MsZ (22 obs.)			
HVU	52.44	69	eP	05	36.80	-0.1	TPM	14.13	304	(P)	27	04.50	0.9			OFF COAST OF COSTA RICA	(77)			
TNP	52.54	75	eP	05	37.76	0.0	COLM	18.13	298	(P)	28	02.00	7.3X			Mo=1.3+10+18 Nm (PPT). Felt in				
	0.6s	5.98nm				4.7mb	HBF	22.28	14	(P)	28	44.81	5.0X			much of Costa Rica.				
BW06	53.49	66	eP	05	43.50	-1.2	JSC	23.38	11	eP	28	53.03	2.4			CENTROID, MOMENT TENSOR	(HRV)			
	1.3s	12.30nm				4.7mb	PWLA	23.58	357	eP	28	53.34	0.8			Data Used: GDSN				
TPNV	53.88	75	eP	05	48.77	1.2	UYO	23.81	344	iPd	28	55.40	0.6			L.P.B.: 17S, 29C				
	0.4s	2.27nm				4.5mb	CEH	25.41	15	eP	29	11.72	1.5			Centroid Location:				
DAU	54.22	69	eP	05	50.78	0.6		0.6s	27.36nm	5.1mb						Origin Time	16:50:48.3	0.5		
KMI	54.79	264	eP	05	55.50	1.0	FNO	25.72	340	iPc	29	12.90	-0.3			Lat 10.17N 0.05 Lon 87.32W 0.05				
ARUT	54.87	73	eP	05	55.11	0.3	MEQ	25.73	337	iPc	29	13.60	-1.6			Dep 16.7 2.0 Half-duration 1.8				
MSU	55.05	71	eP	05	56.25	0.0	TUL	25.82	343	eP	29	13.00	-1.0			Moment Tensor: Scale 10+17 Nm				
		pP		06	06.36	33km		0.8s	40.00nm	5.2mb						Mrr=-3.73 0.12 Mtt= 1.80 0.12				
RSSD	55.43	61	iP	05	58.58	-0.3	Z	22s	0.54um	4.0MsZ						Mff= 1.92 0.16 Mrt= 0.19 0.35				
	0.7s	5.47nm				4.7mb			LR	39	26.80					Mrf=-2.40 0.50 Mtrf=-1.90 0.13				
SRU	55.54	69	eP	05	59.51	-0.2	LNO	25.82	343	eP	29	12.80	-1.1			Principal Axes:				
GLA	57.50	77	eP	06	13.28	-0.3	ELC	25.94	355	eP	29	13.68	-1.5			T Vol= 4.23 Plg=14 Azm= 51				
GOL	57.89	66	eP	06	17.60	1.1	OCO	25.99	340	iPd	29	16.60	1.0			N 0.41 16 145				
	1.4s	35.40nm				5.2mb	NAV	26.42	11	eP	29	20.34	0.7			P -4.65 68 282				
GUN	62.49	280	PKP	06	50.36	2.2	ACO	27.64	338	iPc	29	29.40	-1.3			Best Double Couple: Mo=4.4+10+17				
KKN	62.92	280	PKP	06	50.86	0.0	ALO	29.58	326	eP	29	48.88	0.4			NP1: Strike=120 Dip=34 Slip=-120				
PKI	63.01	280	PKP	06	50.88	-0.7		0.8s	5.52nm	4.4mb						NP2: 335 61 -71				
GKN	63.13	281	PKP	06	50.42	-1.7	LVNJ	31.20	18	eP	30	03.02	0.5							
DMN	63.16	280	PKP	06	50.60	-1.9	JFWS	31.62	355	eP	30	04.88	-1.3							
HFS	63.71	345	eP	06	53.00	-2.3		0.8s	37.60nm	5.4mb										
	0.4s	1.20nm				4.4mb	GOL	32.74	333	eP	30	16.30	-0.1							
OJC	72.02	338	eP	07	47.50	0.1		0.8s	10.02nm	4.8mb										
KSP	72.15	341	eP	07	47.70	-0.4	ZOBO	33.03	146	eP	30	25.00	5.5X							
SPC	72.89	338	eP	08	02.00	10.0X			LR	41	28.00									
GRF	74.16	344	ePc	08	00.00	0.1														
Z	22s	0.10um				4.1MsZ														
		e		08	09.60	31km	GLA	33.64	314	eP	30	24.94	0.9							
KHC	74.29	342	P	08	01.30	0.6	RSNY	34.73	15	eP	30	33.06	-0.1							
	1.3s	9.10nm				4.6mb		0.8s	17.64nm	5.0mb										
		e		08	11.00	31km	SRU	34.84	327	eP	30	34.13	-0.3							
ZST	74.51	339	e(P)	08	02.90	1.0	PLM	35.25	313	eP	30	40.28	2.3							
GEC2	74.55	342	eP	08	02.10	-0.2	MSU	35.34	324	eP	30	38.41	-0.4							
	0.8s	1.54nm				4.1mb	EMUT	35.50	327	(P)	30	39.92	-0.3							
		e		08	08.10	19kmX	ARUT	35.60	322	eP	30	41.71	0.8							
KBA	76.31	342	iPc	08	13.10	0.6	PEC	35.74	314	eP	30	43.35	1.3							
	1.4s	30.10nm				5.1mb		0.3s	1.80nm	4.4mb										
		i		08	22.60	30km	EEO	35.79	9	eP	30	43.00	0.8							
		e		09	10.00		RSSD	35.93	339	eP	30	44.77	1.1							
WTTA	76.44	343	iPc	08	13.10	-0.1		0.6s	3.50nm	4.4mb										
		i		08	23.80	35km	DAU	36.17	328	eP	30	45.63	-0.3							
LPL	78.92	346	eP	08	27.70	0.8	DUG	36.86	326	eP	30	51.43	0.0							
	1.0s	6.60nm				4.6mb		1.0s	6.47nm	4.4mb										
LPG	78.94	346	eP	08	27.90	0.8	BW06	37.10	332	eP	30	52.50	-1.1							

02d 16h

CGX	18.49	302 (P)	54 58.01	-5.9X	TPNV	37.42	320 eP	58 02.97	2.0	KDC	68.32	328 eP	01 48.10	-0.9
CAR	19.58	88 iP	55 17.00	-0.2		1.1s	131.18nm		5.6mb		1.3s	43.64nm		5.5mb
		iS	59 04.00		Z	20s	2.46um		5.0Msz	FBA	68.50	336 eP	01 48.55	-1.5
MGP	20.56	66 P	55 25.70	-1.6	DUG	37.52	327 eP	58 02.37	0.6		1.2s	98.93nm		5.9mb
GUAN	20.86	89 iP	55 28.40	-2.2		1.1s	47.45nm		5.2mb	CRP	69.14	332 P	01 52.30	-1.9
LRS	20.87	66 P	55 28.60	-2.0	ISA	38.14	316 eP	58 07.86	0.9	REF	69.17	331 P	01 53.72	-0.8
PORP	20.98	67 P	55 29.60	-2.1		0.8s	17.32nm		4.9mb	CPKM	69.17	332 P	01 52.60	-1.9
APR	21.02	65 P	55 32.40	0.3	ABL	38.22	315 (P)	58 08.38	0.5	SVW	70.71	331 eP	02 02.60	-1.1
CLLP	21.04	67 P	55 31.00	-1.3	YJA	38.58	147 ePd	58 10.30	-0.9	IMA	71.20	337 eP	02 05.90	-0.8
CPD	21.63	67 P	55 33.50	-4.8X	HVU	38.64	328 P	58 10.86	-0.3		1.3s	71.80nm		5.6mb
LPR	21.75	67 P	55 37.80	-1.7	PTI	39.23	330 (P)	58 16.04	-0.1	TTA	71.33	333 eP	02 05.80	-1.7
MZX	22.60	307 (P)	55 53.41	5.6X	BONR	39.33	319 (P)	58 19.09	1.9	SDN	72.19	325 eP	02 11.69	-0.9
HBF	23.16	14 eP	55 57.76	4.5X	HHA1	39.55	330 eP	58 18.67	-0.1		1.0s	238.10nm		6.2mb
SGS	23.38	13 eP	55 58.03	2.6X	PHAM	39.56	315 (P)	58 19.72	1.0	AVE	75.55	58 iP	02 31.00	-1.6
PRM	23.89	9 ePc	55 59.99	-0.3	KVN	39.85	321 eP	58 22.46	1.1	DMU	75.70	37 eP	02 34.70	1.7
JSC	24.27	11 eP	56 04.06	0.0	ULM	40.39	351 eP	58 23.50	-1.9	DLF	75.91	38 eP	02 34.20	0.0
NNA	24.40	156 iP	56 06.60	1.1	SLA	40.69	149 ePd	58 27.80	-0.5	EPLA	76.31	51 eP	02 36.10	-0.7
	1.2s	46.88nm		5.0mb	ARN	41.12	316 eP	58 32.12	0.5	EJIF	76.97	55 eP	02 40.00	-0.5
	iS	00 38.00			LRM	41.50	333 eP	58 34.70	-0.2	EHOR	77.07	53 eP	02 42.00	1.0
PWLA	24.45	358 eP	56 07.48	1.7	ORV	42.29	319 eP	58 42.63	1.5	EPRU	77.13	54 eP	02 41.00	-0.5
LHS	24.55	12 eP	56 06.47	-0.3	LTCM	43.05	320 eP	58 51.82	4.4X	AIA	77.35	170 eP	02 43.30	1.4
UYO	24.62	345 iPc	56 06.40	-1.1	TLL	43.22	160 eP	58 50.00	0.9	MAL	77.80	55 eP	02 44.00	-1.1
MGH	24.72	73 eP	56 10.00	1.4	LBFM	43.55	321 eP	58 51.17	-0.5			iS	12 40.00	
GRW	24.75	84 eP	56 11.79	2.8X	JAQ	44.15	9 eP	58 53.00	-3.1X	TOL	77.88	51 eP	02 35.00	-10.5X
BPA	25.12	72 eP	56 12.00	-0.5	SES	44.56	338 eP	58 58.00	-1.5	EKA	77.90	36 P	02 45.00	-0.2
GBTN	25.22	5 eP	56 12.58	-0.7		1.2s	263.00nm		6.0mb		1.7s	69.70nm		5.5mb
TKL	25.26	6 eP	56 14.77	1.2			pP	59 09.00	38kmX	ECOG	78.43	54 eP	02 50.20	1.5
OLY	25.30	351 eP	56 11.93	-2.0	RTCB	45.13	158 iPc	59 02.70	-1.7	EGUA	78.47	54 eP	02 49.80	1.0
SOA	25.30	81 eP	56 19.49	5.4X	VGB	45.43	327 P	59 06.86	0.3	ECRI	78.86	48 eP	02 52.50	1.6
DEG	25.74	74 eP	56 16.00	-2.3	CFA	45.45	158 ePc	59 05.20	-1.6	EVIA	79.17	53 eP	02 54.30	1.6
CEH	26.29	14 eP	56 22.44	-0.8	DPW	45.68	331 P	59 07.77	-0.7	ETOR	79.33	50 eP	02 55.00	1.4
	1.1s	278.65nm		5.9mb	BAO	46.38	123 e(P)	59 12.50	-2.0	LPF	79.52	43 eP	02 55.10	0.8
Z	19s	4.50um		5.0Msz			e	59 15.00	8km		1.3s	81.60nm		5.6mb
MEO	26.50	338 iPc	56 23.30	-1.8			e	59 23.50		ENIJ	79.54	54 eP	02 55.20	0.5
FNO	26.51	340 iPc	56 23.20	-2.0			e	59 42.00		GRR	79.62	43 eP	02 55.70	0.9
OCO	26.78	340 iPd	56 29.40	1.7			e	00 50.30			1.1s	65.95nm		5.5mb
ELC	26.81	356 eP	56 25.73	-2.2	BDF	46.47	123 Pc	59 14.00	-1.2	FLN	79.84	42 eP	02 57.00	1.0
BLA	27.28	11 eP	56 30.94	-1.3			e	59 23.50	32kmX		1.4s	95.85nm		5.6mb
	0.8s	51.06nm		5.3mb			e	59 37.00		Z	18s	0.80um		5.1Msz
NAV	27.31	11 P	56 31.14	-1.4			e	59 49.00		LDF	80.09	42 eP	02 58.20	0.9
FVM	27.61	354 eP	56 34.12	-1.1			e	00 12.20			1.2s	50.30nm		5.4mb
	0.8s	27.68nm		5.1mb			e	00 52.00		MFF	80.24	44 eP	02 59.10	0.9
ACO	28.41	339 iPc	56 40.00	-2.5			e	01 04.90			1.2s	39.55nm		5.3mb
MCWV	29.76	11 P	57 00.00	5.4X			e	01 34.00		EGRA	80.51	49 eP	03 04.10	4.4X
Z	20s	5.69um		5.2Msz	LNV	46.52	162 ePd	59 13.00	-2.2	TIC	80.81	85 P	03 00.34	-1.5
ALQ	30.25	327 eP	56 59.21	0.0	TCA	46.70	154 eP	59 15.00	-1.7		1.1s	83.50nm		5.7mb
	0.8s	20.89nm		5.0mb	LON	46.76	327 P	59 16.53	-0.6	LIC	80.87	85 P	03 00.78	-1.4
ARE	30.74	150 eP	57 04.00	0.2	MRA	47.15	155 eP	59 18.00	-2.2	EPF	80.92	48 eP	03 03.30	1.4
PNJ	32.35	18 iP	57 24.10	6.8X	RMW	47.21	328 P	59 19.97	-0.7		1.4s	48.35nm		5.3mb
		PcP	00 05.70		BMW	47.36	326 P	59 20.99	-0.8	LFF	81.01	46 eP	03 03.40	1.1
ZOBO	32.37	145 P	57 16.50	-2.0	PPD	47.50	133 eP	59 20.60	-2.5		1.3s	57.05nm		5.4mb
		S	02 42.00				e	59 23.40	9km	KIC	81.13	85 P	03 02.24	-1.3
		LR	04 40.00				e	59 31.20			1.1s	84.50nm		5.7mb
JFWS	32.49	355 eP	57 16.27	-2.3	GMW	47.79	328 P	59 23.42	-1.7	LPO	81.35	46 eP	03 05.20	1.1
	1.0s	105.67nm		5.7mb	MCW	48.52	329 eP	59 30.06	-0.8		1.1s	32.70nm		5.3mb
TBR	32.54	18 (P)	57 17.92	-1.1	PGC	48.82	328 eP	59 32.00	-1.0	KBS	81.51	11 eP	03 09.10	4.8X
LPB	32.59	145 P	57 19.00	-1.2	VAO	51.27	131 eP	59 51.70	-0.5	RJF	81.52	45 eP	03 05.90	1.0
Z	16s	1.01um		4.6MszX	ITR	51.82	110 eP	59 53.00	-3.5X		1.3s	35.00nm		5.3mb
		LR	04 40.00				e	01 09.60	371kmX	Z	20s	1.10um		5.2Msz
DLA	32.62	7 P	57 20.75	1.1	JFO	53.34	127 eP	00 12.60	4.8X	ADK	81.78	321 eP	03 05.48	-0.6
LDN	32.85	8 P	57 22.60	0.9	SIT	59.53	332 eP	00 49.23	-2.2		1.1s	314.06nm		6.3mb
ELF	32.98	7 P	57 23.60	0.8		1.3s	67.03nm		5.6mb	TCF	81.89	44 eP	03 07.70	0.8
TYNO	33.09	9 P	57 23.82	0.0	Z	20s	1.23um		5.0Msz		1.3s	26.00nm		5.2mb
STCO	33.32	10 P	57 25.20	-0.6	BALM	64.63	334 P	01 18.16	-7.5X	CAF	81.95	46 eP	03 08.30	1.1
GOL	33.48	334 eP	57 27.11	-0.4	RUV	65.15	248 iP	01 30.60	1.0		1.3s	28.15nm		5.2mb
	1.2s	155.83nm		5.8mb		1.5s	245.00nm		6.2mb	MAF	82.15	44 eP	03 09.10	0.9
Z	22s	1.21um		4.6Msz	VAH	65.40	248 iP	01 33.30	2.2		1.2s	29.75nm		5.3mb
ACTO	33.56	9 P	57 26.18	-1.7		1.5s	155.00nm		6.0mb	BGF	82.30	44 eP	03 09.80	0.8
WLVO	34.15	11 P	57 33.45	0.5	PMO	65.56	248 iP	01 33.50	1.3		1.2s	43.15nm		5.5mb
GLA	34.18	145 eP	57 33.91	0.4		1.5s	165.00nm		6.0mb	AVF	82.62	44 eP	03 11.00	0.4
CCH	34.39	313 P	57 34.60	-1.1	KLU	66.39	333 P	01 36.14	-0.8		1.4s	36.60nm		5.3mb
HRV	34.63	20 (P)	57 37.04	-0.1	TOA	66.74	334 eP	01 39.70	0.6	SSF	82.68	44 eP	03 11.50	0.5
	1.0s	25.96nm		5.1mb	MHA	66.92	288 P	01 43.96	3.1X		1.2s	24.70nm		5.2mb
SRU	35.52	327 eP	57 44.71	-0.3	TVO	67.70	246 iP	01 46.80	0.9	UCC	82.76	40 P	03 09.00	-2.2
PLM	35.77	314 eP	57 48.36	1.1		1.2s	80.00nm		5.8mb	LOR	82.90	43 eP	03 12.80	0.7
MSU	35.99	325 eP	57 49.57	0.5	PPN	67.78	246 iP	01 47.10	0.8		1.5s	53.30nm		5.5mb
EMUT	36.19	328 eP	57 50.43	-0.3		1.2s	85.00nm		5.8mb	Z	20s	1.35um		5.3Msz
ARUT	36.23	323 eP	57 51.87	0.9	PMR	67.86	333 eP	01 44.94	-1.1	SMF	82.97	44 eP	03 12.90	0.4
		e	58 03.70	43kmX		1.3s	171.71nm		6.1mb		1.4s	33.55nm		5.3mb
PEC	36.27	315 eP	57 52.13	0.9	Z	19s	0.99um		5.1Msz	DOU	83.00	40 P	03 11.70	-0.8
	1.2s	49.02nm		5.2mb	PAE	67.96	246 iP	01 48.40	1.0	ENN	83.74	40 eP	03 17.00	0.7
SIV	36.61	135 P	57 53.60	-0.6		1.2s	135.00nm		6.0mb		1.0s	37.00nm		5.6mb
EEO	36.68	9 eP	57 53.50	-1.0	SLKM	68.00	332 P	01 48.45	1.4	WLF	84.06	41 P	03 17.00	-0.9
RSSD	36.71	339 eP	57 54.61	-0.4	MBC	68.08	352 eP	01 46.00	-1.2	WTS	84.10	38 eP	03 19.00	1.0
	0.6s	12.57nm		4.9mb		1.0s	98.00nm		6.0mb		1.0s	45.00nm		5.7mb
SSK	36.81	315 eP	57 56.92	0.9	AFR	68.10	246 iP	01 49.00	0.7	HAU	84.45	42 eP	03 21.10	1.1
DAU	36.85	328 ePd	57 56.47	0.1		1.2s	80.00nm		5.8mb		1.1s	23.95nm		5.3mb

Z	19s	1.52um		5.4Msz		1.0s	16.80nm		5.3mb		* SEP 02, 1992 17h 11m 45.48±1.00s
BNS	84.50	39 ePc	03 22.50	2.4X	OJC	92.46	38 eP	03 57.10	-1.1		11.515 N ±14.1km 87.207 W ±15.3km
Z	21s	3.80um		5.7Msz	SPC	93.08	39 eP	04 03.80	2.5X		DEPTH = 10.0km (geophysicist)
BSF	84.78	42 eP	03 22.50	0.8	SPA	100.37	180 ePd	04 35.00	1.0		4.7mb (4 obs.)
	1.3s	37.55nm		5.5mb		1.4s	9.80nm		5.2mb		NEAR COAST OF NICARAGUA (74)
CDF	85.00	42 eP	03 23.90	1.1	BUL	117.31	107 ePKP	09 35.00	0.8		TPM 13.63 304 (P) 15 02.50 1.0
	1.3s	27.10nm		5.3mb	KRI	118.13	104 ePKP	09 36.90	1.1		PRM 22.90 10 eP 16 52.36 1.9
LPL	85.13	45 eP	03 25.30	1.6			iPP	09 46.30			JSC 23.30 13 eP 16 56.06 1.6
	1.3s	16.95nm		5.1mb	CNB	123.44	235 ePKP	09 46.20	0.9		PWLA 23.37 358 eP 16 55.24 0.1
LPG	85.14	45 eP	03 25.60	1.8	MAIO	123.73	33 ePKP	09 48.00	2.1X		UYO 23.50 345 iPd 16 57.00 0.6
	1.4s	20.50nm		5.2mb	RMO	125.31	245 iPKPd	09 47.80	-1.3		OLY 24.19 351 (P) 17 02.14 -0.9
LRG	85.22	47 eP	03 24.50	0.7		1.0s	30.00nm				GBTN 24.20 6 eP 17 03.37 0.3
	1.2s	21.70nm		5.2mb	BJI	125.43	338 ePKP	09 50.00	1.1		TKL 24.24 7 eP 17 04.13 0.6
LMR	85.34	47 eP	03 25.70	1.2	Z	28s	0.90um		5.3MszX		CEH 25.36 16 (P) 17 15.36 1.1
	1.3s	25.25nm		5.3mb			ePP	11 40.00			0.6s 9.14nm 4.6mb
FRF	85.40	47 eP	03 26.10	1.3	WMO	125.77	5 ePKP	09 47.00	-2.7X		MEO 25.37 338 iPd 17 09.80 -4.7X
	1.0s	12.20nm		5.1mb	Z	24s	1.71um		5.6MszX		TUL 25.50 344 eP 17 14.50 -1.1
DIX	85.50	44 ePc	03 27.80	2.2X	TOO	125.94	231 iPKPc	09 48.80	-1.3		1.0s 92.50nm 5.4mb
MMK	85.88	44 ePd	03 29.80	2.3X			i	09 51.00			LNO 25.50 344 eP 17 14.40 -1.1
ZLA	85.90	43 ePc	03 28.40	1.1	HHC	126.21	343 PKP	09 50.10	-0.6		ELC 25.72 356 eP 17 16.51 -1.2
SBF	85.91	46 eP	03 28.70	1.3	LAT	126.67	269 e(PKP)	09 55.50	3.4X		ACO 27.29 339 iPd 17 34.50 2.4
	1.1s	53.50nm		5.6mb	PMG	126.85	266 ePKP	09 53.00	0.6		JFWS 31.39 356 (P) 18 06.52 -2.2
SLE	85.92	42 ePd	03 29.30	2.0	BTO	126.88	344 ePKP	09 53.00	1.1		0.8s 8.09nm 4.7mb
HFS	86.22	30 eP	03 30.70	2.2X	CMS	127.10	238 ePKP	09 50.60	-1.9		ZOBO 33.45 145 eP 18 36.00 8.3X
	0.9s	26.10nm		5.4mb		1.2s	26.00nm				MSU 34.91 325 eP 18 39.29 -0.4
Z	21s	1.75um		5.4Msz	KSH	127.85	17 PKP	09 56.40	2.6X		EEO 35.68 10 eP 18 46.00 0.1
	LR	31 46.00			TIY	128.81	340 ePKP	09 54.00	-1.6		DAU 35.76 328 (P) 18 47.11 0.1
LLS	86.43	43 ePc	03 32.50	2.4X	Z	22s	1.57um		5.7Msz		BW06 36.71 332 eP 18 54.00 -0.9
TMA	86.49	44 ePd	03 32.60	2.2X	GTA	130.02	353 PKP	09 56.00	-2.0X		1.0s 1.67nm 3.8mb
OSS	87.23	43 ePc	03 36.10	2.1	Z	20s	1.15um		5.6Msz		SIV 37.63 136 eP 19 04.00 1.4
GRF	87.29	40 ePd	03 35.90	1.9	STK	130.53	237 iPKPc	09 57.50	-1.5		i 19 45.60
	1.4s	43.00nm		5.5mb			iPKS	13 23.70			LRM 40.38 333 eP 19 25.90 0.4
Z	18s	1.70um		5.5Msz	SSE	130.72	328 PKPd	10 00.70	1.4		JAQ 43.16 10 eP 19 45.50 -2.4
MOX	87.32	39 eP	03 36.00	1.9	NJ2	131.12	331 PKPc	10 01.20	1.2		BAO 47.27 124 e(P) 20 20.00 -1.3
	1.4s	26.00nm		5.3mb	LZH	132.64	348 ePKP	10 03.00	-0.1		e 20 20.90
Z	21s	1.60um		5.4Msz	Z	22s	7.40um		6.4Msz		e 20 24.00
N	20s	1.00um			N	20s	1.28um				e 21 02.40
E	21s	1.00um					PKS	13 38.00			e 21 10.10
	eS	14 11.00			XAN	133.30	342 ePKP	10 01.00	-3.2X		e 21 13.90
CLL	88.02	38 iPd	03 38.90	1.5	CD2	137.65	346 ePKP	10 08.80	-3.8X		e 21 17.20
	1.4s	26.00nm		5.4mb	Z	22s	1.56um		5.7Msz		e 21 26.80
Z	20s	1.50um		5.4Msz	NDI	138.17	21 ePKP	10 16.00	2.4X		WB2 139.22 253 iPKPc 31 17.50 2.1X
UPP	88.20	29 iP	03 40.30	2.3X	WB2	139.24	252 iPKPc	10 04.80	-10.9X		0.5s 2.80nm
	iS	12 04.00				0.9s	8.80nm				S.D. = 1.4 on 22 of 25 obs.
KEV	88.26	19 eP	03 40.00	1.8	LSA	140.05	3 ePKP	10 12.60	-4.9X		* SEP 02, 1992 17h 12m 24.76±1.14s
FIR	88.64	46 eP	03 40.00	-0.5	GKN	140.90	12 PKP	10 15.10	-3.6X		11.254 N ±15.4km 87.586 W ±15.4km
BRG	88.70	39 iPc	03 43.00	2.3X	GYA	141.04	341 ePKP	10 15.00	-4.0X		DEPTH = 10.0km (geophysicist)
	1.0s	16.00nm		5.3mb	GUN	141.23	10 PKP	10 17.02	-2.5X		4.7mb (5 obs.) 4.4Msz (1 obs.)
Z	20s	1.50um		5.4Msz		0.9s	88.00nm				NEAR COAST OF NICARAGUA (74)
N	20s	1.50um			KKN	141.24	11 PKP	10 15.42	-4.0X		PRM 23.22 11 eP 17 33.73 0.8
E	20s	1.50um				1.1s	114.00nm				PWLA 23.62 359 eP 17 36.18 -0.6
	e	07 06.00			DMN	141.38	11 PKP	10 15.82	-3.9X		JSC 23.64 13 eP 17 37.40 0.4
KHC	88.92	40 eP	03 41.50	-0.3	PKI	141.48	11 PKP	10 13.86	-6.1X		OLY 24.40 352 eP 17 44.05 -0.3
	1.0s	7.50nm		4.9mb		0.9s	44.00nm				GBTN 24.50 7 eP 17 45.79 0.5
Z	22s	2.70um		5.6Msz	MTN	142.76	263 ePKP	10 17.00	-5.1X		TKL 24.54 7 eP 17 45.74 0.0
N	22s	0.70um			CGP	143.43	300 ePKP	10 21.00	-2.2X		TUL 25.65 344 eP 17 57.10 0.8
E	22s	2.30um			KMI	143.44	345 PKPc	10 22.50	-0.8		1.0s 114.60nm 5.5mb
	e	03 44.00		8km	AAI	144.61	278 ePKP	10 24.10	-1.2		Z
	e	04 06.00			WARB	144.71	239 ePKP	10 21.00	-4.2X		21s
	ePP	07 18.50			KNA	144.95	257 ePKP	10 22.50	-3.2X		1.29um 4.4Msz
	SKS	14 12.00			POO	145.48	34 iPKPd	10 23.80	-2.9X		LR 29 47.20
GEC2	89.07	41 ePc	03 42.00	-0.6	MNI	146.34	289 ePKPc	10 28.50	0.3		LNO 25.65 344 eP 17 57.10 0.9
	1.0s	7.48nm		4.9mb		1.2s	5.00nm				CEH 25.71 16 eP 17 57.06 0.2
	e	03 44.50		8km	QIZ	146.41	331 ePKP	10 27.80	-0.4		0.7s 15.11nm 4.8mb
	e	03 48.80			COOL	147.01	228 ePKP	10 30.00	1.1		ELC 25.96 357 (P) 17 59.93 0.8
	e	03 52.50			HYB	148.78	28 ePKP	10 34.60	2.6X		JFWS 31.63 356 eP 18 49.03 -1.1
KBA	89.28	42 iPc	03 45.60	1.8		1.0s	290.00nm				0.8s 8.09nm 4.7mb
	1.2s	24.60nm		5.3mb	CHG	150.38	349 ePKP	10 31.00	-3.4X		PLM 34.68 314 (P) 19 15.19 -1.8
	i	04 01.50		55kmX	TSM	151.37	300 ePKPc	10 38.00	2.0		EEO 36.00 10 ePd 19 27.50 -0.3
PRU	89.30	39 Pd	03 45.00	1.4	GBA	151.47	33 PKP	10 38.10	2.1		BW06 36.77 333 eP 19 34.50 -0.1
	Z	18s		5.5Msz	MRWA	151.63	226 ePKP	10 38.00	2.0		1.1s 6.35nm 4.3mb
	N	20s			KKM	151.80	304 ePKP	10 45.20	8.4X		HVU 37.56 329 (P) 19 42.69 1.5
	E	20s				1.0s	56.80nm				ULM 39.48 352 eP 19 56.50 -0.4
	ePP	07 22.00			BDT	151.89	348 ePKP	10 36.00	-0.6		LMN 39.57 25 eP 19 58.00 0.2
	SKS	14 16.00				1.0s	89.70nm				JAQ 43.48 10 eP 20 27.00 -2.8
TRI	89.91	44 eP	03 48.00	1.5	MBL	152.26	244 ePKP	10 36.00	-1.1		DPW 44.62 331 (P) 20 40.36 1.2
	e	14 24.00			NST	153.15	345 ePKP	10 41.00	2.6X		BDF 47.52 123 e(P) 21 03.00 0.4
	e	15 44.00			KOD	154.20	38 ePKP	10 43.00	2.6X		e 21 09.00
	e	27 40.00			KHT	154.37	348 ePKP	10 42.50	2.4X		MBC 67.18 352 eP 23 20.50 -0.1
VBY	90.97	43 eP	03 51.00	-0.4	NNT	156.21	344 ePKP	10 43.23	0.6		1.0s 6.00nm 4.7mb
	ePP	07 22.50			SNG	160.99	337 ePKP	10 51.00	2.9X		WB2 138.79 253 iPKPc 32 00.70 6.8X
NUR	91.25	27 eP	03 49.40	-3.0X	IPM	163.15	332 ePKPc	10 50.00	-0.3		0.6s 4.40nm
KAF	91.31	26 eP	03 55.10	2.5X		1.3s	86.80nm				GBA 151.18 31 PKP 32 18.00 3.3X
	0.9s	7.10nm		5.0mb	KGM	164.02	320 ePKP	10 46.00	-5.2X		S.D. = 1.1 on 21 of 23 obs.
PTJ	91.33	43 eP	03 53.10	-0.1							
ZAG	91.38	43 eP	03 55.00	1.8							
ZST	91.42	41 eP	03 55.40	2.0							

02d 18h

* SEP 02, 1992 18h 17m 46.78±0.83s
 31.494 S ± 8.2km 69.583 W ± 12.8km
 DEPTH = 150.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.1 (SAN). Felt (III) at San
 Juan.

ZON 0.77 94 iPd 18 09.50 -0.6
 JACH 1.46 216 iPd 18 16.27 -0.1
 TLL 1.69 321 iP 18 19.50 0.5
 PEL 1.89 209 iP 18 21.09 0.0
 ROCH 1.91 219 iPd 18 21.00 -0.5
 FCH 1.92 198 iPd 18 22.87 1.1
 SAN 2.16 205 iP 18 24.27 0.1
 PCH 2.26 200 iP+ 18 26.41 0.9
 TACH 2.44 208 iPd 18 27.21 -0.4
 LCCH 2.59 220 iP+ 18 28.88 -0.6
 CHCH 2.59 200 iPd 18 29.74 0.2
 CACH 2.75 198 iPd 18 32.26 0.6
 LNV 2.90 212 iPd 18 32.19 -1.1
 S.D. = 0.7 on 13 of 13 obs.

SEP 02, 1992 18h 28m 56.59±0.18s
 11.302 N ± 3.7km 86.725 W ± 3.2km
 DEPTH = 10.0km (geophysicist)
 5.2mb (53 obs.) 5.9Msz (36 obs.)
 NEAR COAST OF NICARAGUA (74)

Mo=5.0*10**17 Nm (PPT).
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 23S, 44C
 Centroid Location:
 Origin Time 18:28:59.9 0.4
 Lat 11.11N 0.06 Lon 87.11W 0.05
 Dep 15.0 FIX Half-duration 2.4
 Moment Tensor; Scale 10**18 Nm
 Mrr=-0.10 0.03 Mtt=-0.13 0.03
 Mff= 0.23 0.04 Mrt= 1.27 0.03
 Mrf= 0.06 0.06 Mtf= 0.31 0.02
 Principal Axes:
 T Vol= 1.23 Plg=42 Azm=339
 N 0.18 15 84
 P -1.41 44 189
 Best Double Couple: Mo=1.3*10**18
 NP1: Strike=356 Dip=15 Slip=-178
 NP2: 264 89 -75

RIN3 1.42 111 iPd 29 25.20 2.7
 JUD 1.62 134 eP+ 29 25.10 -0.3
 JTS 2.01 120 eP+ 29 33.40 2.4
 CAO 2.25 135 ePd 29 33.70 -0.8
 EPA 2.47 122 ePd 29 40.10 2.6
 SJS 2.95 117 ePd 29 48.52 4.0X
 LCR2 3.09 120 ePd 29 48.69 2.1
 OCR 3.13 126 eP 29 48.54 1.6
 BUS 3.40 120 eP 29 49.95 -1.2
 TPX 6.47 304 (P) 30 35.00 0.7
 PBX 9.85 302 (P) 31 18.00 -3.4X
 OXX 11.27 302 (P) 31 42.21 1.2
 IISM 12.81 308 (P) 32 01.35 -0.2
 IIT 13.56 306 (P) 32 13.27 1.5
 PPM 13.83 305 (P) 32 16.79 1.1
 ACX 13.89 295 (P) 32 17.04 1.2
 IIA 13.90 306 (P) 32 17.24 1.2
 TPM 14.14 304 (P) 32 18.50 -0.9
 BOG 14.18 117 eP 32 26.00 6.0X
 ILL 14.18 301 (P) 32 21.36 1.4
 UNM 14.42 305 (P) 32 24.80 1.7
 SDV 16.02 97 eP 32 47.30 3.4X
 MRX 16.24 303 (P) 32 49.95 3.4X
 TOV 16.72 94 eP 32 57.60 5.0X
 COLM 18.14 298 (P) 33 12.50 2.1
 CGX 18.15 299 (P) 33 14.50 3.8X
 AGX 18.24 307 (P) 33 15.70 4.1X

CAR 19.46 90 iP 33 26.00 -0.7
 MGP 20.12 68 iS 33 05.00
 LRS 20.43 68 P 33 34.70 1.0
 PORP 20.55 69 P 33 37.00 0.1
 APR 20.58 67 P 33 39.00 0.9
 CLLP 20.61 69 P 33 40.00 1.6
 GUAN 20.76 92 iP 33 40.50 1.8
 CPD 21.20 69 P 33 40.00 -0.9
 LPR 21.32 68 P 33 48.00 3.1X
 MZX 22.19 305 (P) 33 57.08 2.4
 HBF 22.31 14 eP 33 59.23 3.5X
 SGS 22.52 14 eP 34 01.25 3.4X
 PRM 23.02 9 eP 34 04.47 1.6
 JSC 23.41 11 eP 34 08.29 1.7
 PWLA 23.60 357 eP 34 08.38 -0.1
 LHS 23.69 12 eP 34 11.63 2.3
 UYO 23.83 344 iPc 34 10.00 -0.7
 GBTN 24.36 5 ePc 34 16.52 0.7
 MGH 24.37 74 eP 34 17.00 0.9
 TKL 24.39 6 eP 34 16.83 0.7
 OLY 24.47 351 iPc 34 15.53 -1.4
 TCE 24.52 89 eP 34 18.53 1.0
 BPA 24.76 74 eP 34 19.00 -0.9
 PAG 24.78 76 eP 34 20.00 -0.1
 TPP 24.84 90 eP 34 20.27 -0.4
 TRN 24.87 89 eP 34 20.45 -0.4
 NNA 25.13 157 iPd 34 23.00 -0.5
 LST 1.2s 250.00nm 5.8mb
 DEG 25.26 354 eP 34 25.23 0.8
 CEH 25.40 76 eP 34 25.00 -1.1
 25.44 15 eP 34 27.47 1.3
 1.1s 196.76nm 5.7mb
 Z 21s 6.51um 5.1Msz
 FNO 25.75 340 iPc 34 27.10 -1.9
 MEO 25.75 337 iPd 34 27.70 -1.4
 TUL 25.84 343 iPc+ 34 27.50 -2.4
 0.6s 91.80nm 5.6mb
 Z 21s 9.14um 5.3Msz
 LNO 25.84 343 iPc 34 27.30 -2.5
 OCO 26.01 340 iPc 34 31.80 0.3
 BLA 26.41 11 eP 34 37.06 1.8
 1.3s 167.74nm 5.6mb
 NAV 26.45 11 eP 34 35.76 0.2
 PCO 26.92 342 iPc 34 41.80 1.9
 SLM 27.40 354 P 34 50.00 5.8X
 Z 19s 5.44um 5.1Msz
 ACO 27.66 338 iPc 34 45.00 -1.6
 CBN 28.07 16 eP 34 51.00 0.8
 35 16.00
 MCWV 28.89 11 eP 35 00.05 2.4
 0.8s 213.96nm 6.0mb
 Z 21s 11.47um 5.5Msz
 ALO 29.60 326 eP 35 03.90 -0.5
 0.8s 40.49nm 5.3mb
 Z 18s 4.20um 5.1Msz
 ePcP 38 10.36
 eScP 41 56.47
 LVNJ 31.23 18 eP 35 18.08 -0.3
 ARE 31.43 151 eP 35 22.00 1.2
 PNJ 31.50 18 iP 35 21.80 1.0
 JFWS 31.64 355 eP 35 19.77 -2.3
 1.0s 183.43nm 5.9mb
 DLA 31.76 7 P 35 21.70 -1.4
 LDN 31.98 8 P 35 23.50 -1.6
 ELF 32.12 7 P 35 24.50 -1.7
 GOL 32.76 333 eP 35 31.06 -1.2
 0.7s 44.06nm 5.5mb
 Z 21s 9.05um 5.4Msz
 iPcP 38 19.51
 ZOBO 33.01 146 P 35 34.00 -1.0
 S 40 52.00
 LR 46 38.00
 LPB 33.23 146 P 35 35.50 -1.1
 Z 20s 19.86um 5.8Msz
 e 38 21.00
 S 40 54.00
 LR 48 50.00
 CNCD 33.52 146 P 35 38.20 -1.1
 i 38 21.20
 GLA 33.66 314 eP 35 40.10 0.3
 ePcP 38 20.46
 HRV 33.78 20 P 35 50.00 9.3X
 Z 22s 13.91um 5.6MszX
 RSNY 34.75 15 P 36 00.00 10.9X

Z 19s 9.69um 5.6Msz
 SRU 34.86 327 eP 35 48.86 -1.4
 CCH 35.01 144 P 35 52.60 0.7
 PLM 35.26 313 eP 35 54.18 0.4
 iPcP 38 28.38
 MSU 35.36 324 (P) 35 53.63 -1.0
 EMUT 35.52 327 eP 35 56.25 0.2
 ARUT 35.61 322 eP 35 56.46 -0.3
 BNH 35.74 19 (P) 35 56.62 -0.9
 PEC 35.75 314 ePc 35 58.15 0.4
 1.3s 67.40nm 5.4mb
 PcP 38 24.95
 EEO 35.81 9 eP 35 58.00 -0.1
 RSSD 35.95 339 eP 35 58.89 -0.7
 0.6s 18.86nm 5.1mb
 DAU 36.19 328 eP 36 01.60 -0.1
 PcP 38 27.34
 SSK 36.30 314 eP 36 03.49 0.9
 TPNV 36.84 319 eP 36 07.79 0.7
 0.8s 35.49nm 5.2mb
 Z 19s 13.31um 5.7Msz
 ePcP 38 31.19
 DUG 36.87 326 eP 36 07.91 0.6
 1.1s 58.82nm 5.3mb
 SIV 37.15 136 P 36 10.00 0.4
 EMM 37.19 23 eP 36 10.84 1.2
 ISA 37.61 315 eP 36 13.03 -0.4
 1.0s 41.35nm 5.2mb
 ePcP 38 32.30
 ABL 37.71 314 eP 36 15.30 0.9
 HVU 37.97 328 eP 36 15.28 -1.2
 TNP 38.13 320 eP 36 18.77 0.8
 0.7s 9.45nm 4.7mb
 BCH 38.49 314 eP 36 21.64 0.8
 iPcP 38 37.98
 PTI 38.55 329 eP 36 22.53 1.2
 BONR 38.76 319 eP 36 23.38 0.1
 ePcP 38 36.37
 CBM 38.84 20 eP 36 24.49 1.0
 HHA 38.87 330 eP 36 23.55 -0.4
 PHAM 39.03 314 eP 36 24.76 -0.6
 FRI 39.16 316 eP 36 26.90 0.6
 LMN 39.17 24 eP 36 27.00 0.7
 YJA 39.24 148 ePd 36 27.00 -0.6
 KVN 39.26 320 (P) 36 28.44 1.0
 PRI 39.37 315 eP 36 26.54 -1.7
 ULM 39.56 351 ePd 36 28.00 -1.5
 LLA 39.81 315 eP 36 34.22 2.5
 PRS 39.96 314 eP 36 35.27 2.3
 ARN 40.59 316 eP 36 37.72 -0.4
 LRM 40.79 332 eP 36 39.60 -0.4
 iPcP 38 43.90
 BKS 41.33 316 eP 36 45.45 1.2
 ZSP 41.38 316 eP 36 46.66 2.1
 ORV 41.72 319 eP 36 48.74 1.3
 LTCM 42.48 319 (P) 36 54.59 1.0
 LBFM 42.96 320 eP 36 57.53 -0.2
 ePcP 38 50.53
 JAO 43.29 10 ePd 36 57.40 -2.6
 SES 43.81 338 eP 37 05.00 0.7
 FOX 43.86 318 eP 37 08.07 3.3X
 TLL 43.99 160 eP 37 06.50 0.3
 FHC 44.00 319 eP 37 06.93 1.0
 VGB 44.78 326 eP 37 11.58 -0.7
 DPW 44.99 330 eP 37 12.74 -1.2
 ePcP 38 55.95
 RTCB 45.89 159 iPd 37 19.80 -1.4
 ZON 45.98 158 ePc 37 21.50 -0.4
 SHW 46.00 326 eP 37 22.39 0.4
 LON 46.11 327 eP 37 22.27 -0.5
 RMW 46.55 328 eP 37 25.71 -0.6
 BMW 46.72 326 (P) 37 25.39 -2.2
 BAO 46.76 124 Pc 37 28.90 0.5
 e 37 29.50
 e 37 37.00
 e 37 40.10
 e 38 10.90
 e 38 14.90
 e 38 19.00
 e 39 09.10
 e 39 10.10
 e 39 16.40
 BDF 46.85 124 Pc 37 29.10 0.0
 e 37 37.50
 e 37 40.00
 e 37 48.00
 e 39 08.30

GMW	47.13	327	eP	37	40.80	-1.3	SSF	1.2s	24.70nm	5.1mb			1.0s	16.00nm	ipP	47	52.50				
LNV	47.30	163	eP	37	30.00	-2.2		81.99	44	eP	41	18.30	0.1			ePKP	47	46.00	0.9		
MCW	47.85	328	eP	37	34.00	-2.5	LOR	0.7s	3.40nm	4.5mb			CN2	117.83	334	ePKP	47	46.00	5.9Msz		
PPD	48.00	134	eP	37	36.70	-1.3		82.20	43	eP	41	18.70	-0.6	Z	20s		2.97um				
			e	37	42.40			0.8s	6.45nm	4.8mb			N	17s		1.95um					
PGC	48.16	328	eP	37	40.50	1.7	DOU	Z	17s	2.60um	5.7MszX		E	17s		0.69um					
VAO	51.75	131	eP	38	05.30	-1.4		82.28	41	P	41	28.00	8.4X	MAIO	122.94	32	ePKP	47	57.00	1.8	
ITR	52.01	111	eP	38	05.60	-3.2X		Z	20s	4.10um	5.8Msz			CAN	124.32	235	ePKP	48	02.10	4.2X	
			e	39	20.50					S	51	35.00		BJI	124.67	339	ePKP	47	58.00	-0.3	
LPA	53.45	150	eP+	38	15.00	-4.1X	WLF		83.34	41	Pc	41	26.00		Z	20s		4.21um	6.1Msz		
Z	18s	12.37um					WTS		83.36	38	eP	41	25.00	-0.2	N	18s		4.08um			
		ePP	40	20.00					0.9s	15.00nm	5.2mb					eSKS	55	04.00			
JFO	53.77	128	eS	45	50.00		BNS		83.76	39	iPc	41	25.00	-2.3	WMO	124.91	5	ePKP	47	58.00	-0.8
		e	38	25.60	3.8X		Z	20s	9.30um	6.2Msz				Z	21s		3.74um	6.0Msz			
		e	38	32.80					ec	52	35.00			HHC	125.43	343	PKP	48	00.60	0.7	
SIT	58.84	331	P	39	10.00	12.5X	BSF		84.07	43	eP	41	28.40	-0.7	Z	20s		4.36um	6.1Msz		
Z	19s	3.61um							0.9s	9.00nm	5.0mb			N	17s		1.81um				
BALM	63.92	333	eP	39	31.30	-0.6	CDF		84.28	42	eP	41	29.70	-0.4	E	17s		1.63um			
RUV	65.58	248	iP	39	42.30	-0.9			0.8s	4.05nm	4.7mb					SKS	55	11.00			
	1.2s	125.00nm					LPL		84.44	45	eP	41	31.40	0.3	RMQ	125.77	246	ePKP	48	02.00	1.0
KLU	65.68	333	eP	39	41.92	-1.3			0.6s	2.05nm	4.5mb					0.9s	29.00nm				
		ePcP	40	15.25			LPG		84.46	45	eP	41	31.60	0.3	BTO	126.09	344	ePKP	48	02.00	0.7
VAH	65.83	248	iP	39	43.90	-0.8			0.9s	3.30nm	4.6mb			N	22s		2.22um				
	1.2s	115.00nm					SBF		85.24	46	eP	41	34.80	-0.1	E	22s		3.50um			
PMO	65.99	248	iP	39	45.00	-0.8			0.8s	7.00nm	4.9mb			TOO	126.57	231	iPKPc	48	02.50	0.3	
	1.3s	95.00nm					HFS		85.42	30	ePKP	41	34.20	-1.2		0.9s		41.00nm			
TOA	66.03	334	eP	39	46.30	0.9			0.5s	2.00nm	4.6mb					e	52	04.00			
PMR	67.15	333	eP	39	51.70	-0.8	GRF		86.56	40	ePd	41	41.70	0.4	KSH	127.00	17	PKP	48	04.00	0.9
	1.4s	73.20nm							1.3s	19.00nm	5.1mb			Z	20s		4.88um	6.2Msz			
Z	18s	7.60um					MOX		Z	20s	7.00um	6.1Msz		N	18s		2.89um				
MBC	67.25	352	eP	39	50.50	-2.4			86.59	39	eP	41	40.00	-1.4	E	18s		3.96um			
	0.9s	38.00nm							1.2s	13.00nm	5.0mb					PP	49	54.00			
SLKM	67.31	331	eP	39	51.88	-1.7			Z	20s	4.50um	5.9Msz				SKS	55	12.00			
KDC	67.65	328	eP	39	55.23	-0.5			N	19s	3.10um			CMS	127.64	239	ePKP	48	04.40	0.0	
	0.7s	8.96nm							E	19s	1.50um				1.0s		11.00nm				
PPN	68.23	246	iP	39	58.90	-1.1	SMY		86.59	323	P	41	50.00	8.7X	TIY	128.04	341	ePKP	48	04.40	-0.6
	1.3s	95.00nm							Z	19s	4.09um	5.8Msz		Z	20s		3.50um	6.0Msz			
PAE	68.41	246	iP	40	00.10	-1.0	CLL		87.27	38	ePc	41	45.00	0.3	N	17s		2.90um			
	1.3s	140.00nm							1.6s	21.00nm	5.1mb			GTA	129.18	353	PKP	48	06.00	-1.2	
CRP	68.44	332	eP	39	58.95	-1.9			Z	19s	5.50um	6.0Msz		Z	20s		4.50um	6.2Msz			
CPKM	68.47	332	eP	39	58.20	-2.9					eSKS	52	14.00		E	22s		5.36um			
REF	68.48	331	eP	40	00.38	-0.7	UPP		87.40	29	iP	41	37.00	-8.1X	SSE	130.05	328	PKPc	48	10.00	1.1
HON	68.66	289	P	40	10.00	7.4X					iS	52	12.00		Z	20s		2.30um	5.9Msz		
Z	19s	2.08um					FIR		87.96	46	eP	41	45.00	-3.1X	N	14s		1.40um			
SVW	70.02	331	eP	40	10.30	-0.1	BRG		87.96	39	eP	41	48.40	0.4	E	13s		0.90um			
TTA	70.62	333	eP	40	13.10	-0.9				1.7s	40.00nm	5.5mb				PP	50	19.00			
	1.3s	54.00nm							Z	18s	4.00um	5.9Msz		NJ2	130.43	331	ePKP	48	08.60	-1.0	
SDN	71.55	325	eP	40	18.02	-1.6			N	18s	2.50um			STK	131.09	237	iPKPc	48	10.70	-0.2	
Z	20s	5.56um							E	18s	3.50um					iPKS	51	35.30			
KDS	72.67	80	eP	40	27.30	0.2					e	42	24.80			ePPP	53	06.50			
AVE	75.00	58	eP	40	40.00	-0.4					e	42	50.20		LZH	131.82	348	ePKP	48	12.50	0.1
		i	41	19.00							e	43	14.00		Z	20s		4.00um	6.1Msz		
EKA	77.14	36	P	40	50.00	-1.9					eSKS	52	20.00		N	18s		3.21um			
	1.7s	68.50nm					KHC		88.19	40	eP	41	48.00	-1.2	XAN	132.52	342	PKP	48	15.00	1.4
MAL	77.21	55	iPc	40	54.20	1.5			1.2s	5.00nm	4.7mb			Z	24s		2.98um	5.9MszX			
		iS	50	42.00			Z	18s	7.00um	6.1Msz			N	20s		3.74um					
AIA	78.17	171	eP	40	58.20	0.9			N	18s	1.50um			E	20s		3.70um				
LPF	78.82	43	eP	41	00.90	-0.4			E	18s	5.20um			WHN	133.72	335	PKPc	48	18.00	2.1	
	1.0s	28.80nm									i	41	50.00		Z	20s		2.50um	5.9Msz		
GRR	78.91	43	eP	41	01.60	-0.2					e	42	19.70		N	16s		1.94um			
	0.8s	24.70nm									PP	45	15.00		E	18s		2.41um			
FLN	79.13	42	eP	41	02.70	-0.3					SKS	52	22.00				PP	50	42.00		
	1.0s	29.60nm					GEC2		88.34	41	eP	41	49.00	-1.0	CD2	136.84	347	PKP	48	23.00	1.1
Z	20s	1.52um							0.8s		2.57nm	4.6mb		Z	22s		4.39um	6.1Msz			
LDF	79.39	42	eP	41	04.10	-0.3					ePP	45	20.80		E	19s		3.04um			
	1.1s	33.20nm									e	45	31.20				SKS	55	32.00		
MFF	79.55	44	eP	41	05.10	-0.2					e	45	34.00		NDI	137.33	21	ePKP	48	24.00	1.2
	0.8s	8.60nm					PRU		88.57	39	eP	41	50.00	-0.9	LSA	139.19	3	PKP	48	27.10	0.3
EPF	80.26	48	eP	41	09.40	0.1			Z	21s	4.80um	5.9Msz		N	19s		3.07um				
	0.9s	7.70nm							N	21s	1.40um			ASPA	139.49	247	ePKP	48	16.60	-10.4X	
TIC	80.62	85	P	41	09.90	-1.8			E	20s	4.00um				0.9s		11.90nm				
	0.7s	9.50nm									e	42	27.50				i	48	26.70		
EBR	80.62	50	P	41	12.00	0.8					PP	45	25.70				e	52	08.90		
		(S)	51	17.00							SKS	52	25.00		WB2	139.61	253	iPKPc	48	18.40	-8.9X
LPO	80.68	46	eP	41	11.90	0.5					SP	53	44.00			0.7s		6.50nm			
	1.2s	24.10nm					KBA		88.57	42	iPc	41	51.40	0.1	GKN	140.04	12	PKP	48	24.12	-3.9X
LIC	80.69	85	P	41	10.48	-1.6			1.4s		14.90nm	5.1mb		GYA	140.27	341	PKP	48	20.00	-8.4X	
	0.6s	21.00nm									i	42	18.10		Z	40s		2.03um	5.6MszX		
KIC	80.94	85	P	41	11.84	-1.6					i	42	28.50		N	22s		6.42um			
	0.7s	12.50nm					TRI		89.21	44	eP	41	52.00	-2.1	E	22s		3.85um			
ADK	81.19	321	eP	41	14.39	0.5					e	53	36.00				SKKS	58	18.00		
	1.0s	360.00nm									eLR	08	44.00		GUN	140.37	10	PKP	48	23.84	-5.0X
CAF	81.27	46	eP	41	14.20	-0.4	ZST		90.70	41	e(P)	42	01.80	0.9	KKN	140.38	11	PKP	48	24.20	-4.5X
	0.8s	7.40nm									e	45	48.70		DMN	140.52	11	PKP	48	24.18	-4.9X
MAF	81.46	45	eP	41	15.00	-0.5	BUL		117.46	107	iPKPc	47	44.60	-0.7	GZH	140.58	330	ePKP	48	25.30	-3.6X

02d 18h

PKI 140.61 11 PKP 48 24.22 -5.1X
 KMI 142.64 346 ePKP 48 29.00 -3.8X
 Z 20s 2.60um 6.0Msz
 N 18s 2.30um
 E 18s 1.60um
 CGP 143.09 301 iPKPd 48 33.00 -0.5
 TNE 144.08 287 ePKP 48 32.80 -2.5X
 AAI 144.59 280 ePKP 48 34.00 -2.1X
 WARB 145.24 240 ePKP 48 35.00 -1.9
 KNA 145.24 259 ePKP 48 35.50 -1.6
 0.8s 176.00nm
 QIZ 145.72 331 PKP 48 37.50 -0.4
 N 17s 1.50um
 E 17s 1.43um

PP 51 26.00
 MNI 146.16 290 ePKPd 48 40.20 1.4
 1.0s 3.20nm
 COOL 147.66 229 ePKP 48 43.00 2.2X
 HYB 147.97 27 ePKP 48 42.00 0.4
 e 49 11.50
 RKG 148.31 219 ePKP 48 45.00 3.3X
 CHG 149.56 349 ePKP 48 44.00 0.0
 1.2s 118.36nm
 KLB 149.69 224 ePKP 48 48.00 4.1X
 MUN 150.50 222 ePKP 48 50.60 5.5X
 1.0s 184.00nm
 GBA 150.69 33 PKP 48 47.00 1.3
 BAL 151.00 225 ePKP 48 51.00 5.1X
 TSM 151.03 301 ePKP 48 48.00 1.6
 BDT 151.08 349 ePKP 48 47.00 0.7
 1.0s 282.90nm
 KKM 151.40 306 ePKPc 48 53.50 6.5X
 MEEK 151.68 234 ePKP 48 52.50 5.4X
 NST 152.35 346 ePKP 48 50.00 1.8
 KOD 153.45 37 ePKP 48 52.20 2.0X
 KHT 153.55 348 ePKP 48 51.80 1.9
 NNT 155.41 345 ePKP 48 51.70 -0.7
 SNG 160.24 338 ePKP 48 55.20 -3.0X
 IPM 162.44 334 ePKPc 49 01.20 0.7
 1.0s 28.40nm
 KGM 163.42 322 ePKP 49 03.00 1.5
 S.D. = 1.2 on 226 of 272 obs.

* SEP 02, 1992 19h 00m 53.23±0.90s
 11.087 N ±13.9km 86.702 W ±14.1km
 DEPTH = 10.0km (geophysicist)
 4.6mb (3 obs.)

NEAR COAST OF NICARAGUA (74)

PWLA 23.82 357 eP 06 08.10 0.9
 LHS 23.90 12 (P) 06 09.26 1.3
 LNO 26.05 343 eP 06 27.40 -1.0
 TUL 26.05 343 eP 06 27.80 -0.7
 0.8s 29.40nm 5.0mb
 RSNY 34.95 15 eP 07 46.68 -0.7
 0.8s 8.54nm 4.7mb
 SRU 35.05 327 eP 07 48.40 -0.2
 PLM 35.42 313 (P) 07 52.65 0.8
 MSU 35.54 325 eP 07 52.60 -0.2
 ARUT 35.80 322 eP 07 56.12 1.2
 EEO 36.02 9 eP 07 57.00 0.5
 DAU 36.38 328 eP 08 00.29 0.3
 BW06 37.32 332 eP 08 07.59 -0.1
 1.0s 2.17nm 3.9mb
 LMN 39.36 24 eP 08 25.50 1.0
 ULM 39.77 351 eP 08 27.50 -0.4
 JAO 43.50 9 eP 08 56.00 -2.3
 BDF 46.71 124 e(P) 09 25.00 0.4
 WB2 139.56 252 ePKP 20 23.10 -0.7
 0.9s 2.00nm
 GBA 150.86 33 PKP 20 48.00 5.4X
 S.D. = 1.0 on 17 of 18 obs.

? SEP 02, 1992 19h 55m 08.45±2.89s
 24.223 S ±18.3km 179.577 W ±21.6km
 DEPTH = 536.7 ±26.8 km
 4.7mb (7 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM 13.04 277 iPc 57 58.40 0.1
 ORZ 17.83 200 eP 58 45.20 -0.2
 THZ 18.58 198 eP 58 52.60 -0.1
 CMS 31.34 249 iPd 00 46.30 -0.1
 0.4s 8.00nm 4.7mb
 TOO 32.60 238 iPd 00 57.80 0.8
 0.5s 15.00nm 4.9mb

QLP 32.71 258 iPd 00 58.30 0.3
 0.3s 27.00nm 5.3mb
 STK 34.97 249 iPd 01 17.20 0.3
 0.5s 6.70nm 4.5mb
 ASPA 42.37 261 iPd 02 16.90 -0.1
 0.7s 14.50nm 4.6mb
 i 03 59.50
 WB2 42.76 266 iPd 02 19.70 -0.4
 0.4s 38.50nm 5.3mb
 iPcP 04 13.50
 e 07 08.10
 WARB 48.41 256 iPd 03 02.90 -0.7
 MBL 55.61 260 iPd 03 55.00 -0.6
 0.4s 9.00nm 4.5mb
 NANU 59.09 257 eP 04 19.80 0.6
 PLP 64.55 296 ePc 05 12.50 17.8X
 UYO 99.42 57 iPd 08 16.30 21.9X
 HFS 142.94 349 ePKP 13 41.90 0.2
 0.4s 3.10nm
 KSP 150.73 339 iPKP 14 05.20 10.7X
 CLL 151.27 343 iPKPc 14 06.20 10.9X
 0.7s 9.00nm
 BRG 151.41 342 i(PKP) 14 06.60 11.1X
 KIC 161.56 164 PKP 14 14.60 5.6X
 S.D. = 0.5 on 13 of 19 obs.

? SEP 02, 1992 20h 16m 14.81±5.03s
 12.308 N ±64.4km 88.334 W ±12.5km
 DEPTH = 33.0km (normal)
 4.5mb (1 obs.)

OFF COAST OF CENTRAL AMERICA (76)

PBJ 7.99 302 (P) 18 11.00 -0.5
 TPM 12.28 304 (P) 19 11.00 0.5
 UYO 22.46 347 iPd 21 13.40 0.9
 MEO 24.23 339 iPc 21 29.80 0.0
 TUL 24.45 345 eP 21 31.50 -0.3
 0.4s 6.20nm 4.5mb
 LNO 24.45 345 eP 21 31.40 -0.3
 OCO 24.55 342 iPc 21 25.70 -7.1X
 ACO 26.16 340 iPc 21 47.80 -0.2
 ULM 38.34 352 ePd 23 33.60 -0.6
 LMN 38.94 26 eP 23 39.50 0.1
 LRM 39.18 333 eP 23 42.20 0.5
 JAO 42.59 11 eP 24 16.00 6.7X
 GBA 150.64 29 PKP 36 05.00 4.8X
 S.D. = 0.6 on 10 of 13 obs.

* SEP 02, 1992 20h 29m 43.39±0.54s
 12.024 N ±11.9km 87.842 W ±13.0km
 DEPTH = 10.0km (geophysicist)
 5.1mb (2 obs.) 4.0Msz (1 obs.)

NEAR COAST OF NICARAGUA (74)

CAO 3.55 130 iPd 30 40.00 0.4
 EPA 3.77 122 ePd 30 45.10 2.2
 PBJ 8.54 302 (P) 31 49.00 -1.1
 TPM 12.83 304 (P) 32 49.00 0.1
 COLM 16.83 297 (P) 33 43.00 2.1
 UYO 22.85 346 iPc 34 48.90 0.9
 MEO 24.67 338 iPc 35 05.70 0.0
 FNO 24.70 341 iPd 35 05.90 0.0
 TUL 24.84 344 e(P) 35 05.80 -1.5
 1.0s 60.50nm 5.2mb
 LNO 24.85 345 e(P) 35 04.30 -2.9
 OCO 24.97 341 iPd 35 10.60 2.1
 ACO 26.59 339 iPc 35 23.50 -0.2
 ZOBO 34.23 145 P 36 31.60 -0.7
 Z 22s 0.34um 4.0Msz
 LR 49 24.00
 LPB 34.44 145 P 36 38.00 4.1X
 CNCB 34.73 145 P 36 36.80 0.2
 EEO 35.29 10 eP 36 41.50 1.0
 CCH 36.24 143 P 36 48.50 -0.6
 ULM 38.68 352 ePc 37 08.40 -0.5
 LRM 39.65 333 eP 37 18.50 1.1
 JAO 42.78 11 eP 37 48.00 5.4X
 BAO 48.07 124 Pc 38 24.50 -1.0
 e 38 32.00
 e 38 37.00
 e 38 50.10
 BDF 48.16 124 Pc 38 25.00 -1.2
 e 38 32.30
 MBC 66.39 352 eP 40 40.00 5.8X
 0.9s 10.00nm 5.0mb
 WB2 138.77 253 iPKPc 49 12.40 -0.1
 0.6s 3.50nm

CHG 148.64 348 ePKP 49 33.00 3.6X
 GBA 150.65 30 PKP 49 38.00 5.5X
 S.D. = 1.3 on 21 of 26 obs.

SEP 02, 1992 21h 27m 04.75±0.26s
 3.259 S ±3.6km 139.835 E ±5.2km
 DEPTH = 60.6km (6 depth phases)
 5.3mb (34 obs.)

IRIAN JAYA, INDONESIA (201)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 18S, 31C

Centroid Location:

Origin Time 21:27: 6.8 1.2

Lat 3.275 0.09 Lon 140.03E 0.07

Dep 48.1 5.7 Half-duration 1.2

Moment Tensor: Scale 10¹⁶ Nm

Mrr= 5.32 0.58 Mtt=-8.34 0.50

Mff= 3.02 0.86 Mrt=-4.09 0.85

Mrf= 6.72 0.86 Mtf= 1.78 0.60

Principal Axes:

T Val= 11.20 Plg=51 Azm=260

N -0.65 31 122

P -10.54 21 19

Best Double Couple: Mo=1.1×10¹⁷

NP1: Strike= 68 Dip=37 Slip= 30

NP2: 313 73 123

WWKK 3.80 96 eP 28 00.80 -1.4
 PMG 9.50 130 eP 29 25.00 3.6X
 AAI 11.63 268 ePd 29 49.50 -0.8
 MTN 12.84 222 iPd 30 05.10 -1.3
 eS 32 25.00
 TNE 13.13 288 eP 30 12.10 1.9
 MNI 15.70 287 ePc 30 45.00 1.3
 KNA 16.52 221 eP 30 52.50 -1.4
 0.3s 70.00nm 5.3mb
 QIS 17.20 181 iPd 31 00.10 -2.4
 eS 34 07.00
 WB2 17.43 197 iPc 31 03.90 -1.4
 0.2s 68.40nm 5.5mb
 eS 34 07.30
 WRA 17.43 198 P 31 03.79 -1.6
 DAV 17.56 306 eP 31 08.10 1.2
 BIP 17.71 310 ePd 31 08.00 -0.9
 CTA 17.86 160 P 31 16.29 5.6X
 CGP 19.06 308 eP 31 26.50 1.3
 PCI 20.12 276 ePc 31 40.50 4.1X
 1.0s 33.50nm 4.6mb
 e 34 17.50
 PLP 20.59 314 eP 31 40.70 -0.5
 HNR 20.90 108 eP 31 50.00 5.6X
 ASPA 21.08 195 iPc 31 45.50 -0.8
 0.8s 97.60nm 5.2mb
 eS 35 34.80
 TSM 23.19 289 ePc 32 10.00 2.9X
 QLP 23.57 170 eP 32 15.70 5.0X
 0.5s 74.00nm 5.4mb
 KKM 25.33 291 ePc 32 28.00 0.2
 1.2s 165.70nm 5.4mb
 WARB 26.07 208 eP 32 34.10 -0.4
 eS 37 32.00
 MBL 26.37 226 eP 32 37.00 -0.2
 0.3s 17.00nm 5.1mb
 eS 37 38.00
 STK 28.52 177 eP 32 57.50 0.9
 0.6s 3.40nm 4.2mb X
 CMS 28.64 169 eP 33 04.80 7.1X
 ARMA 29.23 159 iPc 33 04.60 1.4
 0.7s 8.00nm 4.5mb
 NANU 30.39 229 eP 33 13.00 -0.4
 DZM 31.88 128 iPd 33 31.10 4.4X
 BWA 32.02 167 eP 33 29.70 2.0
 e 33 34.50 17kmX
 COOL 32.66 211 eP 33 32.30 -0.9
 CAN 33.01 166 eP 33 38.30 2.0
 e 33 42.30 14kmX
 MRWA 34.34 219 eP 33 48.00 0.2
 TOO 34.54 172 eP 33 51.00 1.5
 e 34 21.00 138kmX
 e 40 56.00
 BAL 34.89 216 eP 33 53.00 0.5
 KLB 35.02 214 eP 33 53.00 -0.6
 KAGJ 35.30 347 eP 33 57.10 1.2
 MUN 36.18 215 eP 34 05.30 1.9
 KUMJ 36.61 347 eP 34 07.70 0.7
 KGM 36.88 278 ePd 34 11.30 1.8

ALO	57.88	326	eP	47	20.05	-0.9
	1.0s		9.03nm			4.8mb
GOL	60.93	330	eP	47	42.13	0.2
	1.0s		47.98nm			5.6mb
GLA	61.60	319	eP	47	47.02	0.7
SRU	63.14	326	eP	47	55.79	-0.9
MSU	63.63	325	eP	48	00.15	0.2
EMUT	63.80	327	eP	48	01.38	0.3
RSSD	63.81	334	eP	48	00.09	-1.0
	0.7s		6.08nm			4.8mb
DAU	64.47	327	eP	48	04.30	-1.2
TPNV	64.98	321	eP	48	07.17	-1.6
	0.9s		19.91nm			5.2mb
DUG	65.16	326	eP	48	10.02	0.2
	1.3s		39.80nm			5.4mb
ABL	65.57	318	eP	48	11.45	-1.2
ISA	65.58	319	eP	48	09.99	-2.5
	0.9s		13.00nm			5.0mb
BCH	66.34	317	eP	48	16.44	-1.0
PTI	66.80	328	eP	48	20.02	-0.3
BONR	66.88	321	eP	48	21.61	0.5
HHA I	67.11	328	eP	48	21.41	-0.8
KIC	68.44	78	P	48	30.00	-0.9
ARN	68.56	319	eP	48	31.40	0.1
ORV	69.84	321	P	48	39.38	0.3
DPW	73.22	329	eP	49	00.33	1.1
LON	74.39	326	eP	49	06.67	0.7
RWV	74.83	327	eP	49	08.70	0.2
GMW	75.41	327	eP	49	12.31	0.5
NVL	75.98	160	eP	49	15.00	0.3
	1.6s		67.00nm			5.4mb
			e	49	21.00	
MCW	76.12	328	eP	49	15.46	-0.4
PGC	76.43	327	eP	49	19.00	1.6
LFF	86.17	43	eP	50	08.30	-0.4
	0.9s		9.65nm			5.0mb
LPO	86.37	43	eP	50	10.00	0.2
	1.1s		18.30nm			5.2mb
CAF	87.04	43	eP	50	13.30	0.2
	1.1s		11.00nm			5.0mb
MAF	87.83	42	eP	50	16.80	0.0
	1.2s		14.90nm			5.2mb
BGF	88.12	42	eP	50	18.10	-0.1
	1.1s		17.85nm			5.3mb
SMF	88.80	42	eP	50	22.40	1.0
	1.2s		21.40nm			5.3mb
LPL	90.35	43	eP	50	29.80	0.8
	1.0s		9.40nm			5.0mb
LPG	90.36	43	eP	50	30.00	0.9
	1.1s		11.50nm			5.1mb
GEC2	95.80	41	eP	50	54.50	0.7
	0.9s		0.78nm			4.2mb
			e	50	58.10	
			e	51	05.20	
			e	51	10.50	
WMO	143.74	26	ePKP	57	03.00	-0.2
MAT	144.44	317	ePKP	57	02.00	-2.6X
NDI	146.28	56	ePKP	57	11.00	3.1X
SNY	148.07	339	ePKP	57	13.00	2.7X
GBA	149.23	84	PKP	57	17.00	4.1X
BJI	151.78	348	ePKP	57	22.50	6.5X
	1.0s		11.00nm			
GTA	151.93	15	ePKP	57	18.00	1.5
GKN	152.47	52	PKP	57	24.28	6.6X
DMN	153.02	52	PKP	57	25.62	7.1X
KKN	153.07	52	PKP	57	25.42	6.9X
PKI	153.27	52	PKP	57	25.04	6.1X
GUN	153.46	51	PKP	57	26.36	7.1X
S.D. = 1.1 on 59 of 73 obs.						
* SEP 02, 1992 23h 00m 54.42±1.15s						

02d 23h

LMZ 25.12 201 eP 05 35.10 -1.0
 MSZ 26.42 202 eP 05 48.70 1.1
 CNB 31.78 236 iPc 06 34.80 1.0
 CMS 33.72 244 eP 06 50.30 0.3
 0.6s 14.00nm 4.8mb
 PMG 35.04 284 eP 07 02.00 0.9
 TOO 35.46 234 iPc 07 05.10 0.8
 0.7s 48.00nm 5.2mb
 STK 37.35 244 iPc 07 20.70 0.8
 0.5s 7.30nm 4.5mb
 ASPA 44.11 257 iPc 08 13.80 -0.1
 0.6s 25.80nm 4.9mb
 iS 14 03.00
 iScS 17 10.00
 WB2 44.19 262 iPc 08 13.90 -0.6
 0.3s 18.80nm 5.1mb
 WARB 50.40 253 eP 09 00.40 -1.0
 MBL 57.35 258 eP 09 49.00 -1.3
 KLB 57.61 245 iPc 09 51.20 -0.8
 0.4s 11.00nm 4.5mb
 RKG 57.98 242 eP 09 54.00 -0.5
 MUN 58.89 244 eP 10 00.40 -0.2
 NANU 60.98 255 eP 10 14.30 -0.1
 SPA 69.38 180 iPc 11 07.70 1.5
 0.8s 38.33nm 5.0mb
 CCH 103.53 115 (Pd114 01.00 5.4X
 SIV 108.47 116 (Pd114 34.00 16.8X
 HFS 139.72 351 ePKP 19 09.50 -8.3X
 0.5s 1.30nm
 EKA 145.28 5 PKP 19 30.00 2.4X
 1.4s 20.40nm
 OJC 147.25 338 ePKP 19 34.60 3.7X
 KSP 147.81 342 ePKP 19 36.40 4.6X
 e 19 41.10
 CLL 148.21 346 iPKPd 19 36.80 4.4X
 0.9s 13.00nm
 i 19 41.70
 BRG 148.40 345 iPKP 19 43.40 10.7X
 0.6s 10.00nm
 PRU 149.06 344 ePKP 19 39.50 5.8X
 e 19 45.50
 ZST 149.90 339 ePKP 19 49.80 14.8X
 KHC 150.10 344 ePKP 19 40.00 4.6X
 0.9s 4.60nm
 e 19 51.00
 GEC2 150.33 344 ePKPc 19 42.50 6.7X
 0.6s 0.92nm
 e 19 50.20
 BAO 156.90 228 iPKPd 19 46.00 0.2
 S.D. = 1.0 on 24 of 40 obs.
 * SEP 02, 1992 23h 41m 07.66±0.81s
 11.720 N ±11.7km 87.349 W ±15.0km
 DEPTH = 10.0km (geophysicist)
 4.6mb (5 obs.)
 NEAR COAST OF NICARAGUA (74)
 TPM 13.40 304 (P) 44 21.00 0.3
 PRM 22.72 11 eP 46 11.59 0.6
 JSC 23.13 13 eP 46 16.39 1.4
 UYO 23.27 345 iPc 46 17.60 1.3
 LHS 23.43 14 eP 46 16.18 -1.6
 OLY 23.97 352 (P) 46 21.07 -2.0
 GBTN 24.01 6 eP 46 24.76 1.3
 TKL 24.05 7 eP 46 25.11 1.2
 MEO 25.13 338 iPc 46 33.10 -1.3
 CEH 25.20 16 eP 46 35.54 0.6
 0.5s 12.63nm 4.9mb
 TUL 25.27 344 e(P) 46 34.70 -0.9
 1.0s 82.20nm 5.4mb
 LNO 25.27 344 e(P) 46 34.40 -1.1
 OCO 25.41 340 iPc 46 39.70 2.7
 ELC 25.51 357 eP 46 37.03 -0.8
 ACO 27.05 339 iPc 46 51.00 -1.1
 ZOBO 33.70 145 eP 47 52.00 -0.1
 RSNY 34.52 16 eP 47 55.94 -2.2
 1.1s 18.27nm 4.9mb
 RSSD 35.34 339 (P) 48 04.52 -1.0
 0.6s 1.15nm 3.9mb
 EEO 35.50 10 eP 48 07.00 0.5
 DAU 35.51 328 (P) 48 08.18 1.1
 BW06 36.47 332 eP 48 15.50 0.5
 0.9s 2.40nm 4.0mb
 SIV 37.87 136 eP 48 29.00 2.2
 LMN 39.05 25 eP 48 39.00 2.6
 ULM 39.05 351 eP 48 36.00 -0.3
 LRM 40.14 333 eP 48 46.00 0.3

JAQ 42.99 10 eP 49 07.00 -1.6
 BAO 47.50 124 Pd 49 44.00 -1.3
 BDF 47.59 124 e(P) 49 44.80 -1.2
 WB2 139.14 253 ePKP 00 42.70 5.2X
 0.7s 1.80nm
 S.D. = 1.5 on 28 of 29 obs.
 SEP 03, 1992 00h 58m 38.32±0.25s
 34.660 N ±4.9km 80.122 E ±4.7km
 DEPTH = 33.0km (normol)
 4.8mb (27 obs.) 5.2Msz (1 obs.)
 XIZANG (306)
 KSH 5.82 327 Pn 00 08.30 3.6X
 NDI 6.45 203 iPd 00 14.50 1.0
 0.6s 76.67nm 5.6mb
 eS 01 28.00
 GKN 7.68 149 P 00 30.02 -0.8
 KKN 8.15 146 P 00 36.32 -1.1
 0.5s 199.00nm 6.5mb X
 DMN 8.22 147 P 00 37.42 -1.1
 GUN 8.34 142 P 00 40.20 0.0
 0.6s 112.00nm 6.2mb X
 PKI 8.39 146 P 00 39.72 -1.2
 0.6s 137.00nm 6.3mb X
 LSA 10.57 115 Pc 01 13.40 2.4
 E 10s 0.57um
 WMQ 10.86 30 eP 01 13.00 -1.6
 Z 12s 0.80um
 N 10s 0.89um
 PP 01 20.00
 S 03 21.00
 SS 03 33.00
 GTA 16.42 67 eP 02 27.00 -0.9
 1.0s 10.00nm 3.9mb
 Z 12s 0.72um
 pP 02 32.00
 sP 02 35.00
 eP 02 30.00 -3.7X
 eS 05 32.00
 POO 17.00 201 eP 02 31.50 -3.8X
 HYB 17.23 185 eP 02 34.80 -3.3X
 LZH 19.39 79 eP 03 04.00 -0.6
 1.4s 29.00nm 4.4mb
 Z 15s 0.49um
 N 10s 0.35um
 pP 03 10.00 22kmX
 CD2 20.21 94 eP 03 12.60 -0.6
 GBA 21.10 187 P 03 21.70 -0.7
 S 07 05.70
 KMI 21.75 110 eP 03 29.50 0.4
 1.0s 20.00nm 4.5mb
 CHG 22.99 129 ePc 03 42.00 0.8
 1.0s 13.75nm 4.4mb
 XAN 23.76 83 Pd 03 50.50 1.9
 BDT 24.20 131 eP 03 54.00 1.2
 GYA 24.22 102 iPd 03 54.60 1.4
 1.0s 38.00nm 4.9mb
 PcP 07 34.20
 BTO 24.34 67 eP 03 55.00 0.8
 KOD 24.43 186 eP 03 56.00 0.5
 HOC 25.53 67 eP 04 04.20 -1.4
 NST 26.09 131 eP 04 12.00 1.2
 TIY 26.19 74 eP 04 11.60 -0.1
 Z 13s 0.36um 4.1MszX
 N 12s 0.44um
 NNT 28.27 136 eP 04 31.90 1.2
 MLR 42.12 302 iPd 06 33.50 4.4X
 KAF 43.24 326 eP 06 40.00 2.2
 0.6s 1.40nm 3.9mb
 NUR 43.68 324 eP 06 40.70 -0.7
 UPP 47.09 322 iP 07 07.80 -0.7
 HFS 49.07 323 eP 07 23.20 -0.8
 0.5s 3.60nm 4.7mb
 PRU 49.28 309 eP 07 29.00 3.3X
 BRG 49.54 310 e(P) 07 30.00 2.3
 GEC2 50.00 308 ePc 07 31.60 0.2
 0.9s 2.68nm 4.3mb
 e 07 40.70
 e 07 45.60
 KHC 50.03 308 eP 07 34.00 2.4
 1.0s 3.50nm 4.3mb
 GRF 51.45 309 eP 07 46.00 3.7X
 BSF 54.72 308 eP 08 05.40 -1.3
 0.9s 12.30nm 4.9mb
 HAU 54.96 308 eP 08 08.00 -0.4
 1.2s 16.35nm 4.9mb

LPG 55.37 305 eP 08 10.90 -0.7
 0.9s 9.50nm 4.8mb
 SBF 55.37 303 eP 08 11.30 -0.1
 0.6s 11.00nm 5.1mb
 LPL 55.37 305 eP 08 11.70 0.1
 1.1s 19.80nm 5.1mb
 FRF 56.00 303 eP 08 15.60 -0.3
 1.1s 9.30nm 4.7mb
 SMF 56.97 307 eP 08 22.30 -0.5
 0.8s 5.50nm 4.6mb
 SSF 57.07 308 eP 08 23.00 -0.5
 1.2s 14.90nm 4.9mb
 AVF 57.25 307 eP 08 24.30 -0.4
 1.0s 6.60nm 4.6mb
 BAO 64.24 257 iPd 09 10.70 -2.0
 0.5s 11.00nm 5.2mb
 i 09 43.00
 NANU 66.10 144 eP 09 23.70 -0.6
 0.7s 18.00nm 5.3mb
 MBL 67.12 140 eP 09 30.00 -0.9
 MBC 68.68 5 ePc 09 40.00 0.1
 1.0s 21.00nm 5.2mb
 BUL 73.25 230 iPd 10 08.60 0.2
 0.7s 6.85nm 4.8mb
 BAL 73.51 148 eP 10 08.20 -1.3
 MUN 74.47 149 eP 10 14.00 -1.0
 WB2 74.85 128 iPd 10 17.20 -0.3
 0.7s 16.40nm 5.1mb
 ASPA 77.25 131 iPd 10 30.80 -0.2
 0.8s 13.80nm 5.0mb
 QIS 78.78 125 iPd 10 39.20 -0.3
 0.5s 3.00nm 4.6mb
 KIC 82.20 272 P 10 58.00 0.2
 TIC 82.28 273 P 10 58.40 0.2
 YKA 82.46 7 eP 10 57.90 -0.4
 0.6s 5.90nm 4.8mb
 LIC 82.52 272 P 10 59.60 0.2
 ZOBO 146.20 295 PKP 18 18.00 0.9
 Z 18s 0.35um 5.2Msz
 LR 47 42.00
 LPB 146.33 294 ePKP 18 22.00 5.0X
 CNCB 146.41 294 PKP 18 19.20 1.9
 S.D. = 1.1 on 55 of 63 obs.
 * SEP 03, 1992 01h 30m 10.07±0.75s
 10.742 N ±10.8km 86.507 W ±11.6km
 DEPTH = 33.0km (normol)
 4.3mb (4 obs.)
 OFF COAST OF COSTA RICA (77)
 JUD 1.11 121 iP 30 29.80 0.4
 CAO 1.73 127 iP 30 37.70 -0.5
 EPA 2.02 112 iP 30 49.70 7.1X
 PRM 23.54 9 eP 35 19.21 0.9
 JSC 23.91 11 ePc 35 22.61 0.7
 PWLA 24.17 357 eP 35 24.65 0.3
 LHS 24.19 12 eP 35 24.75 0.1
 GBTN 24.90 4 eP 35 31.71 0.3
 TKL 24.93 5 ePc 35 31.44 -0.3
 OLY 25.06 350 (P) 35 31.23 -1.7
 CEH 25.92 14 eP 35 41.35 0.3
 0.7s 11.19nm 4.6mb
 NAV 26.96 10 eP 35 50.47 -0.1
 FVM 27.35 353 (P) 35 52.83 -1.3
 0.5s 14.19nm 4.9mb
 ALO 30.18 326 eP 36 20.48 0.6
 0.9s 3.05nm 4.1mb
 SRU 35.44 327 eP 37 05.16 -0.4
 MSU 35.93 325 (P) 37 10.73 1.0
 DAU 36.77 328 eP 37 16.78 -0.1
 BW06 37.71 332 (P) 37 23.60 -1.1
 1.0s 1.83nm 3.9mb
 BONR 39.32 319 (P) 37 39.14 0.9
 GBA 151.04 34 PKP 50 03.00 6.9X
 S.D. = 0.8 on 18 of 20 obs.
 SEP 03, 1992 01h 57m 48.40±0.40s
 49.155 N ±3.4km 6.915 E ±4.4km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.7 (STR).
 RUP 0.56 10 ePg 57 59.19 -0.5
 LANF 0.61 106 Pg 58 00.52 -0.2
 SRBF 0.66 111 Pg 58 01.33 -0.2
 WLF 0.71 316 iPd 58 04.00 1.6
 iS 58 11.00

HOFF 0.72 107 Pg 58 02.98 0.4
 CDF 0.78 162 Pg 58 02.78 -0.9
 WLS 0.80 159 Pg 58 03.14 -0.8
 ABH 0.84 29 ePg 58 04.09 -0.5
 ECH 0.95 170 Pg 58 06.08 -0.5
 LIBD 1.10 155 Pg 58 09.50 0.4
 VITF 1.12 214 Pg 58 08.60 -0.9
 MOF 1.31 174 Pg 58 13.01 0.3
 Sg 58 30.83
 BSF 1.33 184 Pg 58 12.94 0.0
 Sg 58 31.26
 TNS 1.46 42 ePnc 58 16.70 1.8
 eSn 58 36.80
 FEL 1.47 150 Pg 58 15.94 0.8
 Sg 58 35.75
 MEM 1.57 338 iPd 58 15.45 -0.9
 DOU 1.78 303 iPn 58 18.50 -0.9
 iPg 58 21.10
 iSn 58 41.10
 i 58 44.70
 LOMF 1.81 182 Pg 58 21.92 2.0
 SNF 2.18 310 iPd 58 24.90 -0.3
 GRF 2.86 78 ePg 58 43.60 8.7X
 eSg 59 19.50
 KHC 4.37 88 ePn 58 56.00 -0.4
 eSg 59 46.00
 e 00 08.50
 GEC2 4.48 91 ePnd 58 57.20 -0.7
 0.2s 2.13nm
 S.D. = 1.0 on 21 of 22 obs.

% SEP 03, 1992 02h 12m 34.18 ± 0.86s
 45.600 N ± 5.1km 0.625 E ± 8.2km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.0 (LDG).

LFF 0.67 173 Pg 12 47.60 0.2
 Sg 12 57.20
 RJF 0.69 115 Pg 12 47.30 -0.6
 Sg 12 56.20
 LSF 0.91 44 P 12 50.80 -0.7
 Sg 13 02.60
 LPO 1.00 156 Pg 12 53.20 0.1
 Sg 13 07.40
 MFF 1.14 332 Pg 12 55.20 -0.3
 Sg 13 08.70
 CAF 1.22 123 Pg 12 56.70 -0.2
 Sg 13 13.80
 TCF 1.30 58 Pg 12 58.20 -0.1
 Sg 13 14.00
 MAF 1.49 65 Pg 13 01.10 0.1
 Sg 13 21.40
 BGF 1.82 57 Pg 13 07.30 1.5
 Sg 13 31.50
 S.D. = 0.8 on 9 of 9 obs.

? SEP 03, 1992 02h 39m 31.97 ± 3.23s
 37.108 N ± 18.8km 28.953 E ± 26.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

ELL 0.85 115 iPg 39 48.00 -0.4
 eSg 39 59.00
 KHL 1.30 20 iPn 39 55.50 -0.5
 BCK 1.35 74 ePn 39 57.70 0.8
 ALT 2.15 25 ePn 40 08.00 -0.4
 DST 2.51 354 ePn 40 14.00 0.5
 S.D. = 0.9 on 5 of 5 obs.

* SEP 03, 1992 02h 46m 39.69 ± 0.69s
 12.236 N ± 11.2km 88.335 W ± 12.2km
 DEPTH = 10.0km (geophysicist)
 4.4mb (7 obs.) 3.3Msz (1 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

PBJ 8.02 302 (P) 48 40.50 1.3
 TPM 12.32 304 (P) 49 38.50 0.3
 SGS 22.05 18 (P) 51 36.38 0.0
 UYO 22.53 347 iPc 51 42.00 0.9
 PWLA 22.64 1 eP 51 43.04 0.8
 MEO 24.30 339 iPc 51 58.40 0.0
 FKO 24.35 342 e(P) 52 01.50 2.7
 FNO 24.35 342 iPc 51 59.00 0.2
 TUL 24.51 345 ePd 52 00.70 0.3
 1.2s 56.70nm 5.1mb
 Z 22s 0.10um 3.3Msz

LR 59 51.40
 LNO 24.52 345 ePd 52 00.50 0.2
 OCO 24.62 342 iPc 52 03.00 1.6
 ELC 24.96 358 eP 52 04.39 -0.2
 ACO 26.23 340 iPc 52 16.40 -0.2
 ALQ 27.95 327 eP 52 32.43 -0.2
 0.8s 1.18nm 3.7mb
 GOL 31.23 334 eP 53 00.27 -1.6
 0.8s 5.00nm 4.5mb
 GLA 31.88 315 (P) 53 08.17 0.7
 SRU 33.22 328 (P) 53 18.65 -0.6
 PLM 33.48 314 (P) 53 19.13 -2.4
 RSNY 34.31 18 eP 53 28.02 -0.3
 1.0s 10.20nm 4.7mb
 RSSD 34.52 340 eP 53 31.32 0.8
 0.5s 2.06nm 4.3mb
 CNCB 35.18 145 eP 53 38.00 1.3
 BW06 35.57 333 eP 53 38.29 -1.1
 1.3s 4.10nm 4.1mb
 ULM 38.41 352 eP 54 00.00 -2.9
 SIV 38.91 135 P 54 06.40 -1.2
 LMN 39.01 26 eP 54 09.00 1.0
 LRM 39.24 333 eP 54 10.60 0.3
 SES 42.36 338 eP 54 35.00 -0.6
 PPD 49.79 133 eP 55 34.80 0.0
 YKA 53.59 345 eP 56 00.60 -2.3
 1.0s 5.20nm 4.5mb
 WB2 138.37 254 iPKPd 06 14.60 6.5X
 1.1s 3.00nm
 HYB 147.82 24 ePKP 06 26.00 1.6
 CHG 148.32 347 ePKP 06 28.00 2.8X
 BDT 149.82 346 ePKP 06 33.00 5.5X
 GBA 150.71 29 PKP 06 35.00 6.1X
 S.D. = 1.3 on 30 of 34 obs.

& SEP 03, 1992 02h 50m 10.60s
 52.546 N 132.973 W
 DEPTH = 10.0km (geophysicist)
 QUEEN CHARLOTTE ISLANDS REGION (22)
 <PGC-P>. ML 3.3 (PGC).

BNB 0.75 87 Pg 50 25.70 0.5
 Lg 50 33.60
 VIB 0.75 20 Pg 50 23.90 -1.5
 CWB 0.85 44 Pg 50 26.40 -0.7
 Lg 50 37.20
 BBB 3.00 95 Pn 50 58.00 -1.0
 Sn 51 34.00
 HOLB 3.57 120 Pn 51 05.40 -1.8
 Sn 51 49.62
 PHC 3.91 116 Pn 51 09.40 -2.6
 Sn 51 54.52
 BPBC 4.04 124 Pn 51 13.03 -0.9
 7 obs. associated

% SEP 03, 1992 03h 02m 50.20 ± 1.00s
 18.111 N ± 8.2km 66.976 W ± 7.5km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

MGP 0.15 226 P 02 53.70 0.1
 S 02 55.70
 LRS 0.22 34 P 02 55.30 0.3
 S 02 57.70
 PORP 0.33 100 P 02 57.70 0.7
 CLLP 0.38 95 P 02 58.60 0.6
 S 03 05.60
 APR 0.41 35 P 02 58.70 0.1
 CPD 1.01 94 P 03 08.80 -0.6
 LPR 1.07 79 P 03 09.20 -1.2
 S 03 15.00
 S.D. = 0.8 on 7 of 7 obs.

SEP 03, 1992 03h 12m 26.24 ± 0.67s
 41.686 N ± 7.8km 2.313 E ± 6.0km
 DEPTH = 30.5 ± 6.3 km

SPAIN (377)
 ML 3.0 (LDG). mLg 3.5 (MDD).

ETER 0.74 33 iPg 12 41.50 1.1
 eSg 12 51.20
 EBR 1.62 238 ePg 12 55.00 1.9
 eSg 13 14.00
 EROD 1.67 240 ePn 12 53.10 -0.7
 eSn 13 13.20
 EPF 1.99 313 Pn 12 59.00 0.6
 Sg 13 25.60

EGRA 2.03 285 iPnd 12 52.13 -6.8X
 eSn 13 11.30
 LPO 3.11 345 Pn 13 14.90 0.6
 Sg 14 02.10
 CAF 3.24 357 Pn 13 16.30 0.1
 Pg 13 26.90
 Sg 14 06.80
 ETOR 3.41 257 ePn 13 18.04 -0.6
 eSn 13 56.30
 LFF 3.45 341 Pn 13 18.10 -1.0
 Sg 14 11.20
 LRG 3.47 58 Pn 13 20.10 0.6
 Sn 14 02.70
 LMR 3.51 61 Pn 13 21.10 1.0
 Sn 14 03.60
 RJF 3.66 351 Pn 13 22.90 0.7
 Pg 13 34.80
 Sg 14 19.10
 ECR 3.70 286 iPnd 13 21.81 -1.0
 eSn 14 03.60
 FRF 3.71 58 Pn 13 22.00 -0.8
 Sn 14 06.80
 SBF 4.35 58 Pn 13 32.10 0.0
 MAF 4.54 2 Pn 13 33.50 -1.1
 Sg 14 47.20
 PGF 5.05 78 Pn 13 40.40 -1.5
 Sn 14 36.10

S.D. = 1.1 on 16 of 17 obs.

SEP 03, 1992 03h 22m 15.49 ± 0.21s
 41.998 N ± 2.6km 20.175 E ± 2.1km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 3.5 (TTG). 3.3 (TIR). MD 3.6
 (ATH). 3.3 (THE).

KKS 0.19 66 iPg 22 20.00 0.2
 LACI 0.50 224 iPg 22 25.00 -0.7
 iSg 22 35.40
 SDA 0.51 276 iPg 22 26.30 0.5
 iSg 22 35.80
 PVY 0.62 346 iPg 22 27.07 -0.9
 iSg 22 36.87
 TIR 0.69 200 iPg 22 28.70 -0.4
 iSg 22 41.50
 ULC 0.69 267 iPg 22 28.54 -0.6
 iSg 22 39.83
 TTG 0.80 303 iPg 22 30.39 -0.7
 iSg 22 43.48
 IVA 0.90 347 iPg 22 32.09 -0.6
 iSg 22 46.43
 SKO 0.94 91 iPg 22 32.10 -1.4
 0.4s 2106.00nm
 iSg 22 45.60
 Lg 32 47.50
 OHR 1.00 152 iPg 22 33.50 -1.0
 0.5s 1300.00nm
 iSg 22 48.80
 Lg 22 51.70
 BDV 1.04 286 iPg 22 34.85 -0.3
 iSg 22 51.59
 NKY 1.19 313 iPg 22 37.43 -0.4
 iSg 22 56.47
 BERA 1.31 188 ePn 22 40.00 0.4
 iSn 23 00.30
 HCY 1.32 290 iPg 22 39.72 -0.2
 iSg 22 59.72
 PLE 1.45 337 iPg 22 42.08 0.2
 iSg 23 02.64
 BRY 1.51 307 iPg 22 43.70 1.0
 iSg 23 04.23
 FNA 1.51 143 ePb 22 43.84 1.2
 eSb 23 03.00
 VLO 1.61 199 ePn 22 46.30 2.3
 TPE 1.71 184 ePn 22 50.00 4.6X
 iSn 23 13.50
 VAY 1.92 110 ePn 22 47.00 -1.5
 GRG 1.97 121 ePb 22 49.28 0.0
 KZN 2.08 144 iPnd 22 51.30 0.4
 eSn 23 17.50
 SRN 2.12 184 ePn 22 54.50 3.1X
 KKB 2.17 92 iP 22 52.00 -0.2
 KNT 2.21 111 ePn 22 51.94 -0.8
 KEK 2.30 187 ePn 23 01.50 7.5X
 VTS 2.33 74 iP 22 55.00 0.4
 IGT 2.47 177 ePn 22 58.12 1.8
 BRT 2.50 244 P 22 59.80 3.0X

03d 03h

THE	2.51	122	ePn	22	56.28	-0.6
LIT	2.58	137	ePn	22	57.56	-0.5
MMB	2.69	98	iP	23	00.00	0.4
SRS	2.71	108	ePn	22	59.29	-0.6
HVAR	2.99	294	iPn	23	04.10	0.3
			iSg	23	53.60	
PGB	3.01	78	eP	23	06.00	1.8
PAIG	3.36	127	ePn	23	08.00	-1.1
AGG	3.40	150	ePn	23	08.88	-0.7
TDS	3.73	233	P	23	16.40	2.0
BZS	3.77	16	ePc	23	06.50	-8.3X
SGO	3.94	250	P	23	16.60	-0.6
MGR	3.96	244	P	23	18.20	0.7
DUI	4.28	267	Pc	23	21.90	-0.4
TNR	4.70	38	ePc	24	03.00	34.8X
ZAG	4.87	323	ePn	23	31.00	0.5
PTJ	4.95	323	iPnd	23	31.60	-0.1
			iSn	24	35.60	
VBV	5.00	316	ePnd	23	33.00	0.7
			eSn	24	29.20	
AZI	5.02	272	P	23	32.70	0.1
AQU	5.04	276	P	23	32.70	-0.3
RIY	5.37	310	ePn	23	38.20	0.7
MLR	5.45	48	eP	23	40.00	1.2
ARV	5.53	288	P	23	39.00	-0.9
MNS	5.58	276	P	23	40.30	-0.3
ASS	5.65	283	P	23	40.70	-1.0
TRI	5.94	311	eP	23	46.50	1.0
VOY	6.06	314	ePn	23	47.10	-0.3
			eSn	24	58.20	
CRE	6.26	288	P	23	50.50	0.2
PGD	6.48	290	P	23	52.50	-0.9
ZST	6.57	342	iP	23	55.50	1.1
			e	45	36.10	
FVI	7.02	313	P	23	59.90	-0.8
KBA	7.04	318	iPc	24	00.30	-1.0
	0.6s	11.60nm			5.2mb X	
			i	24	04.90	
			i	25	50.10	
			i	26	18.20	
			i	26	29.20	
WTTA	8.05	314	iPc	24	15.80	0.4
	0.5s	12.50nm			5.4mb X	
			i	24	27.10	
			i	25	47.40	
OJC	8.23	358	eP	24	46.00	28.3X
			eS	25	21.70	
SOTA	8.25	312	iPc	24	17.80	-0.4
	0.5s	10.60nm			5.4mb X	
			i	25	53.20	
KHC	8.50	329	eP	24	22.40	0.9
	1.0s	8.90nm			5.0mb X	
PRU	8.90	336	Pn	24	27.70	0.8
			Pg	24	29.60	
			e	24	33.50	
			Sn	24	46.70	
			Sg	24	53.50	
GRF	9.90	324	ePg	24	35.00	-5.9X
			eSg	25	49.70	
LPG	10.32	294	eP	24	45.30	-1.6
	0.5s	1.95nm			4.8mb X	
LPL	10.34	294	eP	24	46.30	-0.8
	0.6s	3.25nm			4.9mb X	
MOX	10.47	329	ePn	24	45.00	-3.6X
			ePg	24	52.20	
			iSg	25	32.20	
EKA	20.26	319	P	26	55.00	1.5
	2.2s	80.80nm			4.7mb	
	S.D. = 0.9	on 61 of 70 obs.				
SEP 03, 1992 03h 40m 38.73 ± 1.41s						
40.574 N ± 9.2km 23.906 E ± 18.0km						
DEPTH = 10.0km (geophysicist)						
GREECE (364)						
MD 2.2 (THE).						
OUR	0.25	166	ePg	40	44.28	0.3
			eSg	40	47.72	
SOH	0.49	301	ePg	40	48.40	-0.2
			eSg	40	55.52	
SRS	0.59	336	ePg	40	50.29	-0.4
PAIG	0.67	195	ePg	40	51.60	-0.4
			eSg	41	01.01	
KNT	0.96	308	ePg	40	57.82	0.7
			eSg	41	10.36	
	S.D. = 0.7	on 5 of 5 obs.				

SEP 03, 1992 04h 11m 35.46 ± 0.40s						
3.461 S ± 6.9km 138.868 E ± 8.2km						
DEPTH = 10.0km (geophysicist)						
4.7mb (4 obs.) 3.9Msz (1 obs.)						
IRIAN JAYA, INDONESIA (201)						
WWKK	4.75	92	eP	12	50.00	1.1
MNDI	5.47	119	eP	13	00.00	0.7
			eS	14	00.00	
MTN	12.06	219	iPc	14	30.50	0.1
			eS	16	45.00	
KNA	15.75	218	eP	15	20.30	1.3
WB2	16.97	195	iPc	15	32.50	-2.1
	0.4s	10.70nm			4.3mb	
			e	15	38.20	
			eS	18	30.70	
QIS	17.01	178	eP	15	31.70	-3.4X
	0.5s	27.00nm			4.6mb	
PLP	20.05	317	ePd	16	14.00	2.2
ASPA	20.65	193	iPd	16	18.30	0.2
	1.0s	47.70nm			4.8mb	
Z	21s	0.60um			3.9Msz	
			i	16	31.50	
			iS	20	03.20	
WARB	25.46	206	eP	17	05.30	0.0
CHG	45.10	301	eP	19	55.70	1.7
XAN	46.78	325	eP	20	06.70	-0.4
TIY	47.75	332	eP	20	13.20	-1.6
BJI	48.04	337	eP	20	15.00	-1.9
CN2	48.57	347	eP	20	20.50	-0.4
BTO	51.18	332	eP	20	41.00	-0.1
GTA	55.76	324	eP	21	15.00	-0.1
GUN	59.74	305	P	21	49.40	5.8X
KKN	60.19	305	P	21	46.80	0.3
GKN	60.80	305	P	21	51.00	0.5
GBA	63.25	287	P	22	07.00	0.1
WMO	65.69	322	P	22	22.00	-0.5
	1.0s	14.00nm			5.1mb	
KSH	71.68	313	P	23	02.40	2.5
GEC2	115.14	323	ePKP	30	17.90	-1.0
	0.6s	0.73nm				
			e	30	35.30	
BSF	119.67	325	ePKP	30	25.70	-1.9
	0.6s	2.55nm				
LPG	120.89	323	ePKP	30	29.40	-0.8
	0.8s	2.95nm				
LPL	120.90	323	ePKP	30	29.30	-0.9
	0.8s	2.95nm				
KIC	143.64	276	PKP	31	10.20	-3.2X
TIC	143.90	276	PKP	31	11.00	-2.9X
LIC	143.93	276	PKP	31	11.00	-2.9X
CNCB	146.70	128	PKP	31	19.60	0.4
LPB	146.76	127	PKP	31	20.90	1.8X
ZOBO	146.87	127	PKP	31	20.50	0.9
CCH	147.78	131	ePKP	31	20.00	-0.6
PPD	152.78	159	ePKP	31	27.80	0.2
	S.D. = 1.2	on 28 of 34 obs.				
SEP 03, 1992 05h 23m 33.21 ± 0.84s						
11.899 N ± 11.9km 88.103 W ± 9.3km						
DEPTH = 33.0km (normal)						
4.7mb (9 obs.) 3.9Msz (1 obs.)						
OFF COAST OF CENTRAL AMERICA (76)						
TPX	5.03	307	(P)	24	54.30	5.9X
PBJ	8.40	303	(P)	25	36.00	0.4
TPM	12.69	305	(P)	26	36.00	1.6
COLM	16.66	298	(P)	27	30.00	3.9X
SGS	22.31	17	eP	28	28.86	-0.5
PRM	22.70	12	eP	28	33.82	0.6
UYO	22.91	346	iPc	28	36.70	1.4
PWLA	22.98	0	eP	28	36.11	0.2
JSC	23.14	15	eP	28	37.47	0.0
LHS	23.44	15	eP	28	40.94	0.5
GBTN	23.92	8	eP	28	46.00	0.9
TKL	23.98	9	ePc	28	46.53	0.9
MEQ	24.70	339	iPc	28	52.70	0.0
FKO	24.74	342	iPc	28	53.70	0.7
FNO	24.74	342	iPc	28	53.90	0.9
TUL	24.90	345	eP	28	54.70	0.1
	0.6s	55.80nm			5.3mb	
Z	20s	0.41um			3.9Msz	
			e	28	56.90	
			S	33	40.00	
			LR	35	39.70	
LNO	24.90	345	ePc	28	54.30	-0.1
OCO	25.01	342	iPc	28	57.20	1.6

CEH	25.24	17	eP	28	57.56	-0.2
	0.7s	30.23nm			5.0mb	
ELC	25.30	358	eP	28	57.04	-1.3
ACO	26.62	340	iPc	29	11.00	0.4
ALQ	28.36	327	eP	29	27.30	0.7
	1.0s	4.29nm			4.1mb	
GOL	31.63	334	eP	29	53.25	-2.5
	0.7s	7.40nm			4.7mb	
SRU	33.63	328	(P)	30	12.34	-0.8
ARUT	34.32	323	eP	30	17.34	-1.8
RSNY	34.56	17	eP	30	18.96	-1.9
	0.8s	13.19nm			4.9mb	
RSSD	34.92	340	eP	30	23.83	-0.4
	0.7s	8.73nm			4.8mb	
DAU	34.97	328	eP	30	22.48	-2.3
EEO	35.46	11	eP	30	29.00	0.5
BW06	35.97	333	eP	30	33.50	0.4
	0.7s	2.05nm			4.2mb	
HVU	36.75	329	eP	30	41.91	2.3
HHAI	37.68	331	eP	30	48.53	1.2
ULM	38.77	352	ePd	30	56.40	0.1
LMN	39.21	26	eP	31	01.00	1.0
LRM	39.64	333	eP	31	05.00	1.1
		ePcP	33	13.70		
LBFM	41.64	321	(P)	31	19.19	-1.2
SES	42.75	338	ePd	31	29.80	0.7
JAQ	42.95	11	ePd	31	29.00	-1.6
DPW	43.81	331	(P)	31	37.81	0.0
GMW	45.90	328	(P)	31	51.79	-2.6
BDF	48.30	124	Pc	32	15.00	1.2
PPD	49.39	133	(P)	32	22.00	0.0
YKA	53.97	345	eP	32	54.70	-1.2
	0.8s	4.50nm			4.5mb	
MBC	66.47	352	eP	34	20.50	-0.7
	0.9s	7.00nm			4.8mb	
CHG	148.70	347	ePKP	43	21.00	5.3X
		eSg	07	30.90		
BDT	150.20	346	ePKP	43	25.80	7.9X
GBA	150.89	30	PKP	43	25.00	6.0X
NST	151.42	343	ePKP	43	28.50	8.7X
S.D. = 1.2 on 42 of 48 obs.						
* SEP 03, 1992 06h 04m 24.63±0.60s						
11.942 N ± 9.7km 87.084 W ±11.1km						
DEPTH = 10.0km (geophysicist)						
4.6mb (9 obs.) 3.7Msz (2 obs.)						
NEAR COAST OF NICARAGUA (74)						
JUD	2.33	139	iP	05	02.80	-0.8
CAO	2.96	139	iP	05	12.00	-0.5
EPA	3.12	128	eP	05	16.70	1.9
TPM	13.50	303	(P)	07	41.50	2.6
JSC	22.86	12	eP	09	27.72	-1.6
LHS	23.15	13	eP	09	32.23	0.1
GBTN	23.76	6	eP	09	40.30	2.3
OLY	23.79	351	eP	09	37.05	-1.3
TKL	23.80	7	eP	09	39.27	0.8
CEH	24.91	16	eP	09	49.81	0.6
	0.8s	22.48nm			4.9mb	
FKO	25.03	340	iPc	09	50.70	0.4
FNO	25.03	340	iPd	09	51.10	0.8
LNO	25.13	343	ePc	09	51.40	0.2
TUL	25.13	343	ePc	09	51.20	-0.1
	0.6s	23.30nm			5.0mb	
Z	22s	0.27um			3.7Msz	
		e	09	54.30		
		e	10	04.00		
		e	10	11.10		
		e	10	19.50		
		LR	17	53.10		
OCO	25.29	340	iPc	09	54.00	1.2
ELC	25.31	356	eP	09	51.72	-1.2
GOL	32.04	333	eP	10	53.66	-0.3
	0.6s	4.22nm			4.5mb	
ZOBO	33.74	146	P	11	05.00	-4.3X
Z	20s	0.15um			3.7Msz	
		LR	20	04.00		
SRU	34.13	327	eP	11	10.78	-1.3
RSNY	34.23	16	eP	11	13.00	0.3
	0.9s	13.94nm			4.9mb	
EMUT	34.80	327	eP	11	18.06	0.2
ARUT	34.90	322	eP	11	18.08	-0.6
RSSD	35.23	339	eP	11	20.15	-1.3
	0.6s	3.61nm			4.4mb	
EEO	35.24	10	eP	11	22.00	0.7
DAU	35.46	327	eP	11	22.46	-1.2
DUG	36.15	326	eP	11	27.99	-1.2

BW06	1.0s	3.53nm	4.2mb	JUD	0.64	130	iP+	59	34.70	-0.1	LVNJ	31.12	18	eP	57	42.46	-0.6			
	36.39	332	eP	11	32.29	0.9	CAO	1.27	133	eP+	59	42.60	-1.1	JFWS	31.40	355	eP	57	44.28	-1.2
	0.8s	3.81nm	4.3mb	EPA	1.54	112	eP+	59	48.80	1.2		0.9s	24.02nm				5.1mb			
HVU	37.24	328	(P)	11	39.93	1.5	TPM	15.10	305	(P)	02	55.50	0.5	DLA	31.58	8	P	57	46.70	-0.4
BONR	38.05	318	eP	11	46.02	0.6	UYO	24.71	343	iPd	04	41.60	-0.1	LDN	31.82	8	P	57	48.50	-0.6
LMN	38.74	25	eP	11	52.00	1.3	MEQ	26.68	337	iPd	05	01.70	1.6	ELF	31.95	8	P	57	49.50	-0.8
		pP	12	07.50	61kmX		TUL	26.73	342	eP	04	59.30	-1.2	TYNO	32.07	10	P	57	51.48	0.1
ULM	38.87	351	eP	11	51.00	-0.8		1.2s	26.90nm	4.7mb	STCO	32.31	11	P	57	53.11	-0.3			
LRM	40.06	332	eP	12	03.10	1.1			e	05	05.30		GOL	32.43	333	eP	57	54.32	-0.5	
		ePcP	14	06.20			LNO	26.73	342	eP	04	59.40	-1.0		0.7s	9.98nm			4.9mb	
SES	43.08	338	eP	12	26.00	-0.5			e	05	05.70		ACTO	32.54	9	P	57	55.05	-0.4	
DPW	44.27	330	eP	12	35.65	-0.5	ACO	28.58	338	iPc	05	21.60	4.3X	WLVO	33.14	11	P	58	00.16	-0.5
FCC	47.02	355	eP	12	58.00	0.3	ZOBO	32.04	146	P	05	49.20	0.3	GLA	33.28	314	eP	58	02.54	0.4
BDF	47.50	124	e(P)	12	56.00	-6.3X		Z	20s	0.20um	3.8Msz		ZOBO	33.37	146	P	58	03.20	-0.5	
PPD	48.70	134	(P)	13	05.00	-6.4X			LR	16	44.00			Z	20s	0.44um			4.2Msz	
YKA	54.19	345	eP	13	49.90	-2.4	BDT	151.91	350	ePKP	19	16.00	6.6X			S	03	30.00		
	0.8s	5.00nm	4.6mb					S.D. = 1.2	on	9 of 11 obs.						LR	09	12.00		
MBC	66.57	352	eP	15	14.50	-2.1							LPB	33.59	146	P	58	05.60	0.3	
	1.0s	7.00nm	4.8mb										CNCB	33.88	146	P	58	08.00	0.0	
WB2	139.46	253	iPKPd	23	52.70	-2.3X							SRU	34.51	327	eP	58	12.28	-0.5	
	0.5s	3.10nm											RSNY	34.63	16	eP	58	13.15	-0.4	
GBA	150.34	32	PKP	24	16.00	2.7X								0.8s	31.90nm			5.3mb		
BDT	150.38	348	ePKP	24	17.00	3.7X							PLM	34.88	313	eP	58	16.62	0.5	
	S.D. = 1.2	on	36 of 42 obs.										MSU	35.00	324	eP	58	17.33	0.2	
													EMUT	35.17	327	eP	58	18.63	0.1	
													ARUT	35.25	322	eP	58	19.49	0.3	
													CCH	35.37	144	eP	58	26.00	5.5X	
													PEC	35.37	314	eP	58	20.59	0.5	
														0.8s	7.17nm			4.6mb		
													RSSD	35.64	339	eP	58	22.37	-0.1	
														0.8s	12.40nm			4.8mb		
													EEO	35.65	9	eP	58	23.00	0.7	
													DAU	35.84	328	eP	58	23.68	-0.6	
													SSK	35.92	314	eP	58	26.21	1.3	
													TPNV	36.47	319	eP	58	31.23	1.7	
														0.8s	7.10nm			4.5mb		
													DUG	36.52	326	eP	58	29.98	0.1	
														1.0s	7.65nm			4.5mb		
													BW06	36.78	332	ePc	58	31.29	-0.8	
														1.0s	14.00nm			4.7mb		
															ePcP	00	54.00			
													HVU	37.62	328	eP	58	38.97	-0.1	
													TNP	37.76	320	eP	58	40.40	0.0	
														0.7s	3.81nm			4.3mb		
													BCH	38.11	314	eP	58	44.41	1.2	
													PTI	38.20	329	(P)	58	44.07	0.1	
													BONR	38.38	319	eP	58	47.06	1.3	
													HHA1	38.52	330	eP	58	46.29	-0.3	
													PHAM	38.66	314	eP	58	49.35	1.6	
													LMN	39.11	25	ePd	58	53.00	1.7	
													ULM	39.30	351	ePc	58	51.50	-1.3	
													YJA	39.59	148	ePd	58	56.20	0.1	
													ARN	40.21	316	eP	59	01.55	0.9	
													LRM	40.45	332	ePc	59	02.50	-0.2	
															ePcP	01	06.60			
													ORV	41.35	319	eP	59	10.57	0.7	
													LBFM	42.59	321	eP	59	19.61	-0.7	
													JAQ	43.13	10	ePd	59	22.50	-1.8	
													SES	43.49	338	eP	59	27.00	-0.3	
													FHC	43.62	319	eP	59	29.10	0.6	
														0.8s	32.56nm			5.2mb		
													NEW	44.41	331	eP	59	33.29	-1.5	
														0.9s	13.16nm			4.8mb		
															ePcP	01	17.00			
													DPW	44.65	330	eP	59	35.89	-0.8	
													LON	45.75	327	eP	59	43.65	-1.9	
													RMW	46.20	328	eP	59	47.61	-1.5	
													GMW	46.77	327	eP	59	51.79	-1.7	
													BDF	47.23	124	Pc	59	56.90	-0.8	
															e	59	59.50			
															e	00	04.80			
															e	00	12.00			
															e	00	27.00			
													FCC	47.45	355	eP	59	58.50	-0.1	
													PPD	48.38	134	eP	00	04.40	-2.1	
													VAO	52.13	131	eP	00	33.50	-1.7	
													YKA	54.61	345	eP	00	50.20	-2.7	
														0.8s	8.20nm			4.8mb		
													MBC	66.99	352	eP	02	14.50	-2.3	
														0.9s	8.00nm			4.9mb		
													FBA	67.43	336	eP	02	16.90	-2.9	
														0.7s	3.52nm			4.7mb		
													REF	68.13	331	eP	02	22.53	-2.0	
													ADK	80.82	321	eP	03	37.87	0.4	
														0.8s	62.50nm			5.7mb		
															i	03	49.07			
													LIC	80.99	85	P	03	39.20	0.0	

* SEP 03, 1992 06h 05m 19.67±0.95s																			
38.125 N ± 9.4km																			
21.739 E ± 9.5km																			
DEPTH = 10.0km (geophysicist)																			
GREECE (364)																			
ML 3.2 (ATH).																			
VLS	0.91	274	ePg	05	37.00	-0.1													
ATH	1.57	95	ePb	05	46.70	-0.9													
			eSb	06	06.20														
VLI	1.70	145	ePn	05	50.00	0.5													
LIT	2.06	16</																	

03d 08h

BUL 117.82 107 iPKPc 10 11.20 -0.3
 KRI 118.58 103 ePKP 10 14.10 1.1
 ip 10 21.20
 STK 130.94 238 ePKP 10 41.10 4.9X
 1.6s 1.40nm
 LZH 131.55 348 ePKP 10 47.50 10.1X
 1.8s 30.00nm
 ASPA 139.28 247 iPKPc 10 51.10 -1.1
 0.9s 7.80nm
 WB2 139.37 253 iPKPd 10 51.60 -0.8
 0.6s 10.80nm
 i 10 56.10
 CHG 149.29 349 ePKPc 11 13.00 3.8X
 1.0s 34.25nm
 MUN 150.44 223 ePKP 11 15.40 4.9X
 GBA 150.68 32 PKP 11 12.00 0.7
 BDT 150.80 348 ePKP 11 12.20 0.8
 1.0s 124.20nm
 NST 152.06 345 ePKP 11 18.50 5.2X
 S.D. = 1.2 on 100 of 110 obs.

* SEP 03, 1992 08h 06m 26.42±0.83s
 10.945 N ±12.6km 86.783 W ±14.2km
 DEPTH = 10.0km (geophysicist)
 4.5mb (7 obs.)
 OFF COAST OF COSTA RICA (77)

JSC 23.77 11 eP 11 40.70 0.8
 LHS 24.05 12 eP 11 43.64 1.0
 UYO 24.16 344 iPd 11 42.90 -0.8
 GBTN 24.72 5 eP 11 48.84 -0.3
 TKL 24.75 6 eP 11 49.83 0.4
 OLY 24.82 351 eP 11 48.21 -1.9
 CEH 25.80 14 eP 12 00.65 1.3
 0.6s 13.15nm 4.8mb
 LNO 26.16 343 e(P) 12 02.00 -0.6
 TUL 26.16 343 e(P) 12 02.20 -0.5
 0.8s 37.70nm 5.1mb
 ELC 26.32 356 eP 12 03.32 -0.8
 OCO 26.33 340 iPc 12 11.20 6.9X
 ZOBO 32.75 145 P 13 16.70 14.1X
 GOL 33.05 333 eP 13 04.58 0.0
 0.7s 4.17nm 4.5mb
 RSNY 35.11 15 eP 13 21.79 -0.2
 0.9s 11.15nm 4.7mb
 SRU 35.13 327 eP 13 21.50 -0.9
 MSU 35.61 325 eP 13 27.10 0.5
 EMUT 35.79 328 eP 13 27.08 -1.0
 ARUT 35.86 323 eP 13 30.44 1.8
 EEO 36.17 9 eP 13 31.50 0.5
 RSSD 36.26 339 eP 13 32.88 0.9
 0.6s 1.10nm 3.9mb
 DAU 36.46 328 eP 13 33.65 -0.2
 BW06 37.41 332 (P) 13 40.00 -1.7
 0.6s 2.79nm 4.2mb
 HVU 38.24 328 eP 13 49.70 1.1
 BONR 38.98 319 eP 13 57.31 2.3
 LRM 41.08 333 eP 14 12.80 0.6
 BDF 46.70 124 P 15 06.00 8.3X
 e 15 12.80
 PPD 47.80 133 (P) 15 05.00 -1.2
 VAO 51.55 131 (P) 15 36.00 0.9
 YKA 55.23 345 eP 15 59.70 -2.0
 0.6s 1.60nm 4.2mb
 WB2 139.44 252 iPKPd 26 05.30 8.5X
 0.6s 2.60nm
 CHG 149.90 349 ePKP 26 21.20 6.8X
 eSg 46 32.90
 S.D. = 1.2 on 26 of 31 obs.

% SEP 03, 1992 09h 43m 24.73±1.95s
 36.522 N ±16.2km 4.416 W ±6.3km
 DEPTH = 105.2 ±15.5 km
 STRAIT OF GIBRALTAR (385)
 mbLg 3.9 (MDD).

MAL 0.21 1 iPd 43 39.50 -0.2
 iSg 43 47.50
 EGUA 0.75 65 iPg 43 42.32 -1.0
 eSg 43 53.60
 EPRU 0.79 304 iPg 43 43.72 0.0
 eSg 43 54.00
 EJIF 0.85 266 ePg 43 44.90 0.6
 eSg 43 58.50
 ECOG 1.02 42 ePg 43 46.65 0.5
 eSg 43 58.70
 ELUO 1.04 7 iPg 43 46.51 0.2

EHOR 1.46 333 iPnc 43 50.94 -0.2
 eSn 44 07.20
 EBAN 1.71 17 iPnc 43 54.49 0.1
 eSn 44 13.90
 EHUE 1.95 48 iPnc 43 58.17 0.8
 eSn 44 17.90
 EVAL 2.15 300 iPnc 43 59.51 -0.4
 eSn 44 24.10
 TOL 3.37 5 e(Pn) 44 07.00 -9.3X
 ePb 44 16.50
 iPg 44 23.00
 eSn 44 53.00
 eSb 45 05.00
 eSg 45 17.00
 EPLA 3.77 340 iPnc 44 21.90 0.0
 eSn 45 02.10
 ECHE 4.10 41 iPnc 44 26.16 -0.2
 eSn 45 09.20
 ETOR 4.67 23 iPnc 44 34.06 -0.2
 S.D. = 0.5 on 13 of 14 obs.

? SEP 03, 1992 10h 12m 11.05±1.68s
 4.125 S ±14.3km 133.360 E ±28.6km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.)
 IRIAN JAYA REGION, INDONESIA (196)

SWI 3.86 327 ePc 13 09.00 -0.5
 iS 13 52.00
 MTN 8.94 194 iPd 14 19.50 -1.5
 eS 15 57.00
 KNA 12.40 201 eP 15 04.90 -3.3X
 0.3s 25.00nm 5.9mb X
 WB2 15.75 177 iPc 15 50.70 -1.5
 0.4s 20.90nm 4.7mb
 eS 18 35.30
 QIS 17.43 160 eP 16 13.70 0.3
 0.2s 6.00nm 4.4mb
 iS 19 17.00
 ASPA 19.44 179 eP 16 38.60 0.7
 0.5s 28.20nm 4.8mb
 eS 20 03.60
 MBL 21.44 217 eP 16 58.00 -0.6
 WARB 22.86 196 eP 17 14.70 1.9
 0.4s 6.00nm 4.4mb
 NANU 25.18 222 eP 17 36.50 1.3
 0.8s 22.00nm 4.8mb
 S.D. = 1.5 on 8 of 9 obs.

% SEP 03, 1992 10h 38m 24.44±3.77s
 37.015 N ±29.0km 15.191 E ±10.1km
 DEPTH = 10.0km (geophysicist)
 SICILY (398)

MEU 0.23 293 P 38 29.30 -0.1
 eSg 38 33.10
 MNO 1.00 337 P 38 43.80 0.3
 eSg 38 54.90
 ATN 1.16 11 P 38 45.90 -0.3
 eSg 39 04.50
 MSI 1.22 14 P 38 47.10 0.0
 SOI 1.26 33 P 38 47.50 -0.3
 eSg 39 04.50
 GIB 1.34 317 P 38 49.00 -0.2
 eSn 39 08.00
 TDS 2.79 19 P 39 10.50 0.6
 S.D. = 0.4 on 7 of 7 obs.

* SEP 03, 1992 11h 24m 14.97±0.70s
 11.470 N ±10.0km 87.156 W ±8.5km
 DEPTH = 10.0km (geophysicist)
 4.4mb (10 obs.) 3.4Msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

PBJ 9.41 303 (P) 26 32.50 -1.1
 TPM 13.70 304 (P) 27 33.00 1.1
 SGS 22.46 15 (P) 29 16.22 0.5
 PRM 22.93 10 eP 29 21.99 1.7
 JSC 23.33 12 eP 29 24.93 0.7
 PWLA 23.42 358 eP 29 25.27 0.2
 UYO 23.56 345 iPd 29 27.40 1.0
 LHS 23.62 13 eP 29 27.80 0.8
 GBTN 24.24 6 eP 29 32.68 0.7
 OLY 24.24 351 eP 29 32.06 -1.0
 TKL 24.27 7 eP 29 33.91 0.5
 CEH 25.39 15 eP 29 44.85 0.8
 0.5s 19.31nm 5.0mb

MEO 25.43 338 iPc 29 44.50 0.0
 FKO 25.44 340 iPc 29 43.80 -0.8
 FNO 25.44 340 iPc 29 44.10 -0.5
 TUL 25.56 344 eP 29 45.10 -0.6
 0.8s 53.20nm 5.3mb
 Z 19s 0.11um 3.4Msz
 e 29 47.30
 e 29 52.10
 S 34 46.40
 LR 40 54.70
 LNO 25.56 344 eP 29 44.90 -0.6
 OCO 25.71 340 iPc 29 49.60 2.5
 ELC 25.77 356 eP 29 46.42 -1.2
 ALQ 29.22 326 eP 30 20.37 1.0
 0.8s 1.84nm 3.9mb
 LVNJ 31.20 18 eP 30 36.49 -0.1
 GOL 32.42 333 eP 30 47.41 -0.2
 0.6s 3.72nm 4.5mb
 SRU 34.49 327 ePc 31 05.40 -0.1
 RSNY 34.70 16 eP 31 06.50 -0.6
 1.1s 27.33nm 5.1mb
 PLM 34.84 313 eP 31 09.87 1.3
 MSU 34.98 325 eP 31 09.96 0.2
 EMUT 35.15 328 eP 31 11.30 0.0
 ARUT 35.22 323 eP 31 12.78 1.0
 RSSD 35.64 339 eP 31 14.89 -0.4
 0.8s 4.58nm 4.4mb
 ePcP 33 43.50
 EEO 35.72 10 ePd 31 16.00 0.3
 DAU 35.82 328 eP 31 16.98 0.0
 DUG 36.50 326 (P) 31 23.62 1.1
 1.0s 4.12nm 4.2mb
 BW06 36.77 332 eP 31 23.00 -1.9
 1.0s 4.17nm 4.2mb
 SIV 37.56 136 eP 31 32.00 0.5
 HVU 37.60 328 eP 31 32.63 0.9
 BONR 38.35 319 eP 31 38.94 0.6
 LMN 39.20 25 eP 31 46.00 1.1
 ULM 39.33 351 eP 31 45.00 -0.9
 LRM 40.45 333 eP 31 56.50 1.0
 ePcP 33 59.50
 JAQ 43.20 10 eP 32 15.00 -2.7
 SES 43.49 338 eP 32 20.00 -0.1
 DPW 44.64 330 eP 32 28.86 -0.6
 e 32 39.61
 BDF 47.29 124 P 32 50.90 -0.1
 e 32 52.00
 YKA 54.63 345 eP 33 43.40 -2.4
 0.7s 2.80nm 4.4mb
 MBC 67.02 352 eP 35 07.00 -2.9
 FBA 67.44 336 eP 35 11.29 -1.4
 0.6s 0.99nm 4.2mb
 WB2 139.25 253 iPKPc 43 45.50 0.5
 0.5s 5.50nm
 CHG 149.31 349 ePKP 44 06.00 3.9X
 GBA 150.77 32 PKP 44 10.00 5.7X
 S.D. = 1.1 on 47 of 49 obs.

SEP 03, 1992 12h 23m 45.74±0.99s
 3.243 S ±5.4km 143.817 E ±7.2km
 DEPTH = 39.9 ±9.2 km
 5.0mb (22 obs.) 4.3Msz (1 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK 0.42 207 iPd 23 54.60 -0.9
 MDG 2.79 136 eP 24 29.00 0.0
 MNDI 2.90 183 iP 24 34.00 3.3X
 iS 25 17.20
 LAT 4.65 137 eP 24 57.50 2.1
 QIS 17.69 193 iPc 27 50.90 -0.1
 0.5s 4.00nm 3.8mb X
 WB2 19.00 208 iPd 28 05.40 -1.6
 0.6s 51.80nm 4.9mb
 KNA 19.34 229 eP 28 08.60 -2.3
 ASPA 22.45 204 iPc 28 42.30 -0.6
 0.7s 31.90nm 4.9mb
 Z 19s 1.20um 4.3Msz
 eS 32 50.10
 QLP 23.21 179 iPd 28 51.30 1.1
 0.6s 35.00nm 5.0mb
 RMO 23.59 169 iPd 28 55.40 1.5
 0.8s 78.00nm 5.3mb
 ARMA 28.02 166 eP 29 35.00 -0.4
 0.9s 13.00nm 4.6mb
 WARB 28.14 214 iPd 29 36.80 -0.4
 0.4s 12.00nm 4.9mb
 CMS 28.16 176 eP 29 35.90 -0.6

STK	0.8s	8.00nm	29 39.60	-0.5	4.8mb	GBA	152.03	32 PKP	57 24.30	11.9X	1.0s	6.00nm	45 17.00	7.0X							
	28.56	184 iPc	29 39.60	-0.5	4.8mb		S.D. = 1.2 on 14 of 18 obs.					AIA	79.09	170 eP	52 33.90	1.0					
MBL	0.7s	14.30nm										WB2	138.49	253 ePKP	52 33.90	1.0					
FORT	29.35	231 eP	29 47.00	-0.4			* SEP 03, 1992 13h 28m 40.82±1.32s						0.9s	2.30nm							
BWA	31.17	207 eP	30 03.00	-0.3			33.716 S ±11.6km 70.049 W ±19.6km					CHG	148.59	347 ePKP	52 53.50	3.3X					
CAN	31.32	173 eP	30 04.40	-0.2			DEPTH = 120.0km (geophysicist)					BDT	150.10	346 ePKP	52 58.50	6.0X					
COOL	32.28	172 eP	30 12.50	-0.5			CHILE-ARGENTINA BORDER REGION (127)					GBA	150.81	30 PKP	52 58.50	4.9X					
	34.84	215 eP	30 36.60	1.3			MD 3.6 (SAN).						S.D. = 1.1 on 38 of 43 obs.								
BAL	0.4s	16.00nm	30 58.10	1.5	5.3mb	PCH	0.40	284 iP+	28 58.68	0.1		* SEP 03, 1992 13h 35m 51.54±0.62s									
	0.5s	29.00nm			5.4mb								12.031 N ± 9.0km 87.974 W ±10.1km								
MUN	38.60	219 iPc	31 08.50	1.6		FCH	0.44	332 iP+	28 59.14	0.1		DEPTH = 10.0km (geophysicist)									
GYA	46.49	312 P	32 12.60	1.3									4.7mb (8 obs.) 4.0msz (1 obs.)								
KMI	48.81	308 Pd	32 31.00	1.4	5.1mb	CHCH	0.55	246 iP+	28 59.40	0.0		NEAR COAST OF NICARAGUA (74)									
	1.5s	30.00nm			5.1mb							TPM	12.72	304 (P)	38 56.50	1.0					
CHG	49.29	298 eP	32 34.00	0.8		CACH	0.61	229 iP+	29 00.28	0.4		PRM					22.54	12 (P)	40 54.45	1.4	
XAN	49.56	321 P	32 34.50	-0.5	4.9mb							JSC	22.98	14 eP	40 58.52	1.2					
	1.5s	21.00nm			4.9mb	TACH	0.74	275 iP+	29 00.54	-0.3		LHS					23.28	15 eP	41 01.41	-1.1	
BJI	49.98	332 eP	32 35.00	-3.0X		PEL	0.78	317 iP	29 01.78	0.6		OLY					23.58	353 eP	41 02.97	-0.2	
TIY	50.08	327 eP	32 42.60	3.7X								GBTN	23.78	8 eP	41 05.51	0.4					
CD2	51.09	315 eP	32 47.10	0.4	5.1mb	ROCH	1.09	312 iPd	29 04.45	0.1		TKL					23.83	8 eP	41 06.31	0.7	
	1.0s	22.00nm			5.1mb							FNO	24.65	341 iPc	41 13.40	-0.2					
HHC	52.85	329 eP	32 59.30	-0.6		JACH	1.13	336 iP	29 05.16	0.6		TUL					24.80	345 eP	41 15.40	0.3	
BT0	53.46	328 eP	33 04.30	-0.1	5.1mb								0.8s	47.80nm	5.2mb						
GTA	58.61	321 eP	33 41.00	-0.4	5.1mb	LNV	1.16	258 iP+	29 04.43	-0.3		Z					21s	0.52um	4.0msz		
	1.5s	22.00nm			5.6mb								S					45 59.40			
GUN	63.71	303 P	34 16.44	0.0	5.6mb	LCCH	1.29	280 iP+	29 06.15	-0.1		LNO					24.80	345 eP	41 14.40	-0.6	
	0.9s	4.20nm			5.6mb	CAO	45.49	339 ePd	36 56.40	6.7X		CEH					25.07	17 eP	41 18.40	0.8	
PKI	64.00	303 P	34 18.78	0.5	5.7mb	EPA	45.61	340 eP	36 58.50	7.8X							0.6s	17.74nm	4.9mb		
KKN	64.17	303 P	34 19.34	0.1	5.7mb	JUD	46.06	339 iP	36 53.10	-1.2		ELC					25.17	358 eP	41 17.45	-1.1	
DMN	64.26	303 P	34 19.86	0.0	5.5mb		S.D. = 0.6 on 11 of 13 obs.					ACO	26.54	340 iPd	41 31.10	-0.3					
GKN	64.78	303 P	34 22.68	-0.5	5.5mb		* SEP 03, 1992 13h 33m 04.27±0.72s					ALQ	28.32	327 (P)	41 48.85	1.1					
	0.8s	35.00nm			5.5mb		12.004 N ±10.1km 88.135 W ± 9.7km						1.0s	4.13nm	4.2mb						
GBA	67.93	286 P	34 47.80	4.7X	4.8mb		DEPTH = 10.0km (geophysicist)					GOL	31.57	334 eP	42 17.21	0.5					
WMO	68.65	320 P	34 47.00	-0.3	4.8mb		4.7mb (9 obs.)						0.7s	6.43nm	4.6mb						
	1.5s	16.00nm			4.8mb		OFF COAST OF CENTRAL AMERICA (76)					SRU	33.59	327 (P)	42 35.06	0.8					
		pP	34 52.50	18kmX		PBJ	8.31	303 (P)	35 07.00	-0.8		ARUT					34.29	323 (P)	42 40.84	0.5	
KSH	75.16	312 eP	35 28.40	2.2		SGS	22.22	17 eP	38 03.45	0.9		Z					24s	0.20um	3.8mszX		
SVW	79.09	26 ePc	35 47.60	0.1	5.1mb	PRM	22.60	13 eP	38 06.72	0.3		RSNY					34.40	17 eP	42 40.33	-0.7	
	1.1s	23.50nm			5.1mb	UYO	22.80	346 iPc	38 09.50	1.1							0.9s	15.30nm	4.9mb		
TTA	79.79	24 ePc	35 51.20	-0.1	4.7mb	PWLA	22.87	0 eP	38 08.50	-0.5		RSSD					34.84	340 eP	42 43.74	-1.3	
	0.8s	6.60nm			4.7mb	JSC	23.04	15 eP	38 11.64	0.9							0.8s	6.51nm	4.6mb		
PMR	82.14	26 eP	36 02.40	-1.1	5.4mb	LHS	23.35	15 eP	38 14.46	0.8		EEO					35.31	11 eP	42 49.00	0.2	
	1.2s	49.20nm			5.4mb	OLY	23.59	353 eP	38 15.60	-0.4		BW06					35.91	332 eP	42 53.40	-0.8	
IMA	82.14	21 eP	36 02.70	-0.9		GBTN	23.82	8 eP	38 18.91	0.6							1.0s	4.33nm	4.3mb		
TOA	83.63	26 eP	36 11.40	0.1	4.8mb	TKL	23.88	9 eP	38 19.54	0.7		HVV					36.71	328 (P)	43 01.98	1.2	
FBA	83.91	24 eP	36 10.80	-1.8	4.8mb	ME0	24.59	339 iPc	38 26.20	0.5		SIV					38.52	136 eP	43 17.00	0.9	
SPA	86.78	180 ePd	36 26.00	-1.0	4.8mb	FKO	24.63	342 iPc	38 26.50	0.4		ULM					38.66	352 eP	43 16.00	-0.9	
	1.0s	7.00nm			4.8mb	FNO	24.63	342 iPc	38 36.50	10.4X		LMN					39.04	26 eP	43 20.50	0.4	
CNCB	142.81	123 PKP	43 15.00	-3.4X		TUL	24.79	345 eP	38 27.60	0.0		LRM					39.58	333 eP	43 24.50	-0.5	
ZOBO	142.94	123 PKP	43 18.00	-0.7								SES	42.67	338 eP	43 49.00	-1.1					
KIC	148.52	277 PKP	43 30.78	3.5X		LNO	24.79	345 ePd	38 27.40	-0.1		JAO					42.79	11 eP	43 48.50	-2.4	
	1.1s	21.50nm				OCO	24.90	342 iPc	38 30.00	1.3		BDF					48.27	124 e(P)	44 35.00	-0.2	
TIC	148.78	277 PKP	43 31.44	3.8X		CEH	25.15	17 (P)	38 30.72	-0.3							e	44 44.40			
LIC	148.81	277 PKP	43 31.56	3.9X									0.8s	26.66nm	5.0mb						
	0.6s	9.50nm				ELC	25.19	358 eP	38 29.32	-2.2		MBC					66.36	352 eP	46 40.00	-2.2	
	S.D. = 1.0 on 43 of 51 obs.					ALQ	28.25	327 eP	39 00.46	0.6							1.0s	4.00nm	4.6mb		
	* SEP 03, 1992 12h 37m 21.23±1.49s					GOL	31.52	334 eP	39 29.44	0.4		WB2					138.65	253 ePKP	55 26.80	6.3X	
	10.262 N ±22.1km 87.605 W ±13.2km						0.9s	4.45nm	4.3mb								0.6s	2.40nm			
	DEPTH = 10.0km (geophysicist)						0.7s	7.86nm	4.7mb			BDT					150.11	347 ePKP	55 45.80	6.0X	
	4.4mb (5 obs.)						31.52	334 eP	39 29.44	0.4		GBA					150.71	30 ePKP	55 45.20	4.5X	
	OFF COAST OF COSTA RICA (77)						0.8s	7.86nm	4.7mb								S.D. = 1.0 on 31 of 34 obs.				
JUD	2.03	93 ePd	37 53.80	-2.1		SRU	33.52	328 (P)	39 45.21	-1.2											
CAO	2.53	103 eP	38 02.40	-0.6		ARUT	34.22	323 (P)	39 54.12	1.6											
EPA	2.97	95 ePc	38 12.00	2.6		RSNY	34.47	17 eP	39 53.26	-1.1											
JSC	24.60	13 eP	42 43.29	0.5			0.8s	10.38nm	4.8mb												
LHS	24.89	13 eP	42 45.62	0.0		RSSD	34.81	340 eP	39 57.97	0.5											
GBTN	25.48	6 eP	42 51.60	0.4			0.8s	9.61nm	4.7mb												
TKL	25.52	7 eP	42 51.20	-0.4		DAU	34.86	328 eP	39 56.96	-1.2											
CEH	26.66	16 eP	43 02.02	-0.1		EEO	35.36	11 ePc	40 02.40	0.4											
	0.4s	10.75nm			4.9mb	BW06	35.86	333 eP	40 06.00	-0.5											
ALO	29.99	328 (P)	43 30.78	-1.7			0.8s	2.38nm	4.1mb												
	0.8s	3.50nm			4.2mb	HVV	36.65	329 (P)	40 15.53	2.5											
JFWS	32.61	356 eP	43 55.19	0.0		BONR	37.32	319 (P)	40 17.65	-1.3											
	0.7s	13.60nm			5.0mb	SIV	38.61	135 P	40 30.40	0.8											
GLA	33.79	316 (P)	44 06.21	0.6		ULM	38.66	352 ePd	40 29.40	-0.2											
SRU	35.27	328 (P)	44 18.71	0.3		LMN	39.13	26 eP	40 34.00	0.4											
BW06	37.64	333 (P)	44 38.29	-0.1		LRM	39.54	333 eP	40 37.80	0.5											
	0.8s	1.55nm			3.8mb	SES	42.64	338 eP	41 03.00	0.5											
BONR	38.98	320 (P)	44 50.40	0.6		JAO	42.85	11 eP	41 01.50	-2.6											
LRM	41.32	334 eP	45 14.80	5.9X		BDF	48.38	124 e(P)	41 48.00	-0.8											
YKA	55.67	345 eP	47 05.50	5.8X		YKA	53.87	345 eP	42 27.60	-1.9											
	0.9s	1.50nm			4.0mb		0.8s	4.10nm	4.5mb												
BDT	151.90	346 ePKP	57 26.00	13.8X		MBC	66.37	352 ePd	43 53.50	-1.5											

03d 13h

CBB	3.14	98	P	42	58.65	0.3
BTB	3.20	108	P	42	58.94	-0.5
OZB	3.44	116	P	43	01.47	-1.2
ALB	3.70	108	P	43	05.81	-0.4
MGB	3.89	111	P	43	08.02	-1.1
SHB	4.18	101	Pc	43	13.15	0.0
NAB	4.22	106	P	43	13.08	-0.5
PFB	4.24	116	P	43	12.81	-1.1
WPB	4.58	99	P	43	18.66	-0.2
BIB	4.59	102	P	43	18.22	-0.7
WHB	4.66	92	P	43	20.15	0.2
PGC	4.78	111	P	43	21.50	-0.1
1.0s 8.50nm						
SNB	4.90	109	P	43	23.62	0.3
STW	4.90	117	P	43	23.59	0.3
MCW	5.14	109	eP	43	27.23	0.5
GMW	5.72	119	eP	43	35.50	0.5
JCW	5.89	110	P	43	37.32	0.0
BMW	6.17	129	eP	43	41.53	0.3
KMOR	6.66	135	P	43	50.00	1.8
FMW	6.70	119	P	43	49.89	1.0
ASR	7.23	124	P	43	57.87	1.7
WTV	7.30	109	P	43	57.49	0.3
SAW	7.63	108	P	44	01.69	-0.1
SSOR	7.73	135	P	44	05.71	2.6
VBEM	7.98	130	P	44	08.91	2.1
WAH2	8.00	114	P	44	06.40	-0.5
DPW	8.30	104	P	44	11.13	0.0
CROR	8.33	128	P	44	12.78	1.1
NEW	8.83	100	eP	44	19.00	0.5
LNOR	9.23	116	P	44	23.81	-0.1
FHC	10.67	154	eP	44	47.02	3.2
LBFM	10.87	145	eP	44	50.32	3.7
SES	12.20	83	ePd	45	05.00	0.4
ORV	12.59	148	eP	45	12.45	2.7
LRM	12.74	105	eP	45	11.70	-0.3
HHA1	14.15	114	eP	45	32.99	2.5
PTI	14.42	115	(P)	45	36.20	2.1
ARN	14.59	152	eP	45	39.31	3.2
YKA	14.68	29	eP	45	36.00	-1.1
0.8s 12.20nm 4.5mb						
HVU	14.89	119	eP	45	43.62	3.4
BONR	15.18	142	(P)	45	49.67	5.5
PMR	15.23	324	eP	45	49.14	4.9
1.0s 10.97nm 4.2mb						
DUG	15.97	124	eP	45	56.66	2.4
0.9s 11.50nm 4.0mb						
BW06	16.13	111	iPc	45	59.59	3.3
1.1s 44.25nm 4.5mb						
DAU	16.66	120	eP	46	05.26	2.0
TPNV	16.88	138	eP	46	09.81	3.9
0.9s 16.29nm 4.2mb						
BCH	17.03	151	(P)	46	12.90	5.3
FBA	17.08	334	eP	46	12.28	4.4
0.8s 5.39nm 3.7mb						
ISA	17.14	146	eP	46	13.06	4.9
1.2s 30.13nm 4.3mb						
ARUT	17.48	131	eP	46	15.44	2.1
MSU	17.55	126	eP	46	16.25	2.0
SVW	17.64	317	(P)	46	18.23	3.2
0.9s 12.20nm 4.0mb						
SRU	17.98	122	eP	46	21.84	2.2
TTA	18.65	321	eP	46	30.68	3.2
1.0s 4.82nm 3.6mb						
SSK	18.72	146	eP	46	31.72	3.0
RSSD	18.80	100	eP	46	30.30	0.6
0.7s 8.30nm 4.1mb						
PEC	19.20	145	eP	46	35.94	1.6
0.9s 8.97nm 4.0mb						
IMA	19.64	331	eP	46	43.30	3.8
1.3s 12.87nm 4.1mb						
PLM	19.79	145	eP	46	43.36	2.1
ULM	21.77	77	ePd	47	03.10	1.8
ALO	23.25	123	eP	47	19.02	2.7
1.0s 12.10nm 4.4mb						
MBC	26.14	6	ePc	47	46.50	3.2
1.0s 18.00nm 4.7mb						
OCO	27.96	110	iPc	48	03.30	2.9
JFWS	28.14	90	eP	48	04.01	2.1
0.8s 13.86nm 4.8mb						
FVM	30.75	99	eP	48	24.37	-0.9
0.7s 12.26nm 4.9mb						
ELC	31.93	99	eP	48	35.57	0.0
ZOBO	85.85	122	eP	54	51.00	1.3
LPB	86.07	122	P	54	51.00	0.5
78 obs. associated						

% SEP 03, 1992 13h 42m 54.90 ± 0.61s
 40.675 N ± 5.5km 23.093 E ± 5.2km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

MD 2.1 (THE).

THE 0.11 246 ePg 42 58.01 0.3

SOH 0.25 53 ePg 42 59.56

KNT 0.51 343 ePg 43 00.62 0.4

SRS 0.58 40 ePg 43 05.26 0.0

GRG 0.60 298 ePg 43 11.96

OUR 0.76 116 ePg 43 06.32 -0.4

PAIG 0.87 149 ePg 43 13.92

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

SEP 03, 1992 15h 32m 32.57 ± 0.44s

39.367 N ± 4.1km 22.068 E ± 4.4km

DEPTH = 10.0km (geophysicist)

GREECE (364)

ML 3.4 (ATH). MD 3.1 (THE).

AGG 0.40 149 ePg 32 40.35 -0.4

LIT 0.80 24 ePg 32 47.16

KZN 0.97 346 ePb 32 48.12 0.0

IGT 1.35 278 ePb 32 02.16 -1.8

PAIG 1.36 65 ePb 32 56.04 -1.4

THE 1.44 28 ePb 32 57.64 0.0

FNA 1.51 340 ePb 32 59.16 0.5

GRG 1.61 9 ePb 32 58.92 -0.8

VLS 1.66 225 ePb 33 19.40 0.0

SRN 1.68 288 ePn 33 01.12 -0.6

SOH 1.76 34 ePb 33 02.60 0.6

OUR 1.76 56 ePb 33 03.60 0.3

KEK 1.79 282 ePn 33 03.73 0.4

TPE 1.84 301 ePn 33 03.50 -0.2

ATH 1.90 137 ePb 33 05.00 1.6

KNT 1.90 19 ePb 33 29.00 0.2

OHR 1.99 331 iPn 33 07.40 -0.7

0.8s 155.00nm

SRS 2.10 33 ePn 33 31.60 -0.3

BERA 2.10 310 ePn 33 42.80 2.7

VLO 2.26 300 ePn 33 07.98 4.7X

MMB 2.56 29 iP 33 35.23 -0.7

TIR 2.60 320 ePn 33 15.30 -0.2

KKB 2.61 17 iP 33 14.00 4.2X

SKO 2.65 350 ePn 33 19.50 -0.6

VLI 2.73 165 ePn 33 15.00 -1.0

LACI 2.89 322 ePn 33 17.50 0.2

RZN 3.07 40 iP 33 25.60 6.1X

VTS 3.34 15 iP 33 22.00 -0.2

S.D. = 1.0 on 25 of 28 obs.

SEP 03, 1992 17h 09m 20.40 ± 0.88s

27.347 N ± 9.9km 34.584 E ± 10.8km

DEPTH = 10.0km (geophysicist)

3.9mb (2 obs.)

RED SEA (554)

MD 4.4 (RYD). 4.2 (HLW).

HOL 1.96 12 iP 09 52.67 -1.3

AYN 1.97 39 iP 09 54.00 -0.1

WAJH 2.12 123 iP 09 55.33 -1.0

HLW 3.79 312 ePn 10 22.70 2.6X

ePb 10 26.50

ePg 10 30.50

eSn 10 58.00

eSb 11 03.00

eSg 11 09.00

BHL 6.60 8 P 11 30.00 30.0X

S 13 11.00

CSS 7.67 352 eP 11 10.00 -4.8X

QASM 8.10 97 eP 11 22.33 1.4

MAIO 22.92 61 eP 14 30.00 4.3X

GEC2 26.87 329 eP 15 03.00 0.7

0.7s 1.58nm 3.8mb

e 15 16.10

KHC 27.13 329 eP 15 08.00 2.6X

e 15 38.90

BCAO 27.45 217 iPd 15 08.20 -0.4

NB2 37.20 341 P 16 34.00 0.7

0.9s 2.30nm 3.9mb

S.D. = 1.2 on 7 of 12 obs.

% SEP 03, 1992 17h 10m 31.57 ± 0.93s

43.554 N ± 13.5km 2.969 E ± 7.9km

DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 2.5 (LDG).

CAF 1.52 335 Pg 11 00.20 1.4

Sg 11 20.00

LPO 1.71 312 Pn 11 02.00 0.4

Sg 11 26.00

EPF 1.99 256 Pn 11 05.70 0.0

Pg 11 09.80

Sg 11 35.00

RJF 2.04 330 Pn 11 04.70 -1.6

Pg 11 10.00

Sn 11 31.00

Sg 11 36.10

LFF 2.12 312 Pn 11 07.20 -0.3

Pg 11 11.60

Sg 11 38.40

LRG 2.47 91 Pn 11 12.20 -0.3

Sn 11 41.90

LMR 2.59 94 Pn 11 14.40 0.2

Sn 11 41.40

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

* SEP 03, 1992 17h 34m 17.64 ± 0.91s

46.175 N ± 7.3km 7.743 E ± 13.1km

DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)

ORO 0.57 163 P 34 30.20 0.8

eSg 34 37.60

LSD 0.83 210 P 34 33.83 0.0

S 34 45.93

RSP 1.08 199 P 34 38.35 0.3

S 34 52.91

BN1 1.35 214 P 34 43.40 0.8

BHB 1.38 194 P 34 43.02 0.1

S 35 00.51

RRL 1.42 209 P 34 44.81 1.0

FEL 1.71 6 ePn 34 47.78 0.0

PCP 1.73 161 P 34 48.95 1.0

PZZ 1.73 195 P 34 47.40 -0.7

S 35 07.71

iSg 50 24.90
S.D. = 0.9 on 18 of 18 obs.

& SEP 03, 1992 21h 19m 47.57s
34.117 N 116.987 W
DEPTH = 4.2km
SOUTHERN CALIFORNIA (43)
<PAS>P>. ML 3.0 (PAS).

PEC	0.27	213	iPc	19	52.69	-0.3
SSK	0.59	279	iPc	19	58.85	-0.6
			eS	20	06.92	
PLM	0.77	172	eP	20	01.76	-1.2
			eS	20	11.84	
ISA	1.97	322	eP	20	21.38	-0.7
			eLg	20	48.24	
ABL	1.99	292	eP	20	22.25	-0.2
GLA	2.09	120	eP	20	22.06	-1.8
BCH	2.77	294	eP	20	34.03	0.4
TPNV	2.89	12	ePn	20	36.40	1.0
BONR	3.98	345	(Pn)	20	53.29	2.4
				9	obs. associated	

? SEP 03, 1992 22h 18m 57.23±1.35s
12.121 N ±18.9km 88.141 W ±18.4km
DEPTH = 33.0km (normal)
4.6mb (6 obs.)
OFF COAST OF CENTRAL AMERICA (76)

UYO	22.69	346	iPc	23	57.50	0.3
OLY	23.47	353	eP	24	04.73	-0.1
GBTN	23.71	8	eP	24	08.29	1.2
TKL	23.76	9	eP	24	08.32	0.7
FNO	24.52	341	iPc	24	14.20	-0.7
TUL	24.67	345	e(P)	24	15.90	-0.5
	1.0s	46.20nm			5.0mb	
LNO	24.68	345	e(P)	24	15.50	-0.8
RRO	25.01	340	iPc	24	20.10	0.4
CEH	25.04	18	eP	24	20.55	0.6
	0.6s	10.07nm			4.6mb	
ELC	25.08	358	eP	24	20.30	0.1
ACO	26.40	340	iPc	24	32.10	-0.5
ALO	28.15	327	eP	24	50.77	2.0
	0.8s	2.11nm			3.9mb	
SRU	33.42	327	eP	25	36.79	1.5
RSSD	34.70	340	eP	25	46.52	0.2
	0.8s	8.83nm			4.7mb	
			ePcP	28	19.95	
EEO	35.25	11	eP	25	51.50	0.8
BW06	35.75	333	(P)	25	55.00	-0.3
	1.0s	4.00nm			4.3mb	
ULM	38.55	352	ePc	26	17.60	-0.8
LMN	39.03	26	eP	26	23.50	1.0
JAO	42.74	11	eP	26	50.00	-2.9
BAO	48.37	124	Pd	27	38.50	0.1
			e	28	42.70	
			e	28	56.80	
			e	29	06.40	
YKA	53.75	345	eP	28	16.20	-2.1
	0.8s	4.80nm			4.6mb	
WB2	138.52	254	iPKPc	38	29.00	6.7X
	0.8s	1.80nm				
CHG	148.48	347	ePKP	38	43.00	3.7X
BDT	149.98	346	ePKP	38	47.50	5.9X
GBA	150.71	30	PKP	38	48.20	5.4X
					S.D. = 1.2 on 21 of 25 obs.	

* SEP 03, 1992 22h 23m 21.54±1.61s
16.843 S ±14.5km 74.047 W ±12.7km
DEPTH = 44.0 ± 13.8 km
5.0mb (3 obs.)
NEAR COAST OF PERU (115)

ARE	2.48	82	iPc	23	59.50	-1.2
			eS	24	26.80	
NNA	5.53	330	eP	24	43.30	-0.4
	0.6s	5.33nm			4.1mb X	
			e	24	47.50	
			eS	25	50.50	
ZOBO	5.70	85	iPc	24	47.00	0.4
	Z	22s	1.21um			
			S	25	54.00	
			LR	26	48.00	
LPB	5.71	88	P	24	47.80	1.3
	1.0s	260.00nm			5.6mb X	
CNCB	5.81	91	iPc	24	48.40	0.4
CCH	7.58	95	eP	25	13.00	0.4

ANT	7.63	154	eP	25	12.50	-0.4
PPD	22.04	107	eP	28	13.40	-0.8
LIC	71.95	78	P	34	41.00	-1.9
KIC	72.26	77	P	34	43.20	-1.6
	0.7s	14.00nm			5.0mb	
YKA	85.25	342	eP	35	54.70	0.3
	0.7s	2.50nm			4.5mb	
BCAO	93.73	87	ePd	36	37.70	2.1
	0.7s	6.00nm			5.1mb	
			i	36	53.20	
WB2	134.01	218	ePKP	42	40.50	3.9X
	0.8s	2.30nm				
MAT	145.38	311	ePKP	42	58.00	1.3
	0.8s	5.22nm				
GBA	152.31	93	PKP	43	17.20	9.3X
					S.D. = 1.4 on 13 of 15 obs.	

? SEP 03, 1992 23h 21m 39.21±2.35s
5.892 S ±29.2km 146.845 E ±31.1km
DEPTH = 151.7 ± 22.2 km
3.8mb (1 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT	0.78	169	iPc	22	03.30	0.6
FINC	1.24	126	ePc	22	06.30	-0.2
MDG	1.24	301	eP	22	05.60	-0.9
WWKK	3.92	305	eP	22	40.00	0.8
WB2	18.51	220	eP	25	46.40	-0.2
	0.4s	2.00nm			3.8mb	
					S.D. = 1.4 on 5 of 5 obs.	

? SEP 04, 1992 00h 02m 38.71±7.43s
41.974 N ±53.8km 23.221 E ±13.7km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
MD 2.4 (THE).

KNT	0.85	197	ePg	02	54.84	-0.2
			eSg	03	05.16	
SRS	0.90	162	ePg	02	56.10	0.1
			eSg	03	07.68	
SOH	1.16	175	ePg	03	00.36	0.0
			eSg	03	15.68	
GRG	1.19	212	ePg	03	00.96	0.1
			eSg	03	16.52	
THE	1.35	188	ePb	03	03.76	0.2
OUR	1.74	160	ePb	03	08.88	-0.2
					S.D. = 0.2 on 6 of 6 obs.	

SEP 04, 1992 00h 21m 21.23±0.25s
11.468 N ±5.0km 87.880 W ±4.1km
DEPTH = 10.0km (geophysicist)
5.1mb (40 obs.) 4.4Msz (10 obs.)
NEAR COAST OF NICARAGUA (74)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.8.: 18S, 25C
Centroid Location:
Origin Time: 00:21:18.7 1.4
Lat 10.90N 0.11 Lon 88.25W 0.10
Dep 15.0 FIX Half-duration 1.1
Moment Tensor: Scale 10**16 Nm
Mrr=-7.24 0.50 Mtt= 0.73 0.44
Mff= 6.51 0.83 Mrt= 0.73 1.23
Mrf= 0.21 1.58 Mtf=-3.39 0.36
Principal Axes:
T Vol= 8.08 Plg= 0 Azm= 65
N -0.74 7 335
P -7.33 83 159
Best Double Couple: Mo=7.7*10**16
NP1:Strike=162 Dip=45 Slip=-81
NP2: 329 46 -99

TPX	5.47	309	(P)	22	44.70	0.0
			iS	23	45.00	
PBJ	8.82	305	(P)	23	29.00	-2.7
OXX	10.23	304	(P)	23	51.20	-0.2
IIISM	11.82	310	(P)	24	11.00	-1.9
IIIT	12.55	308	(P)	24	25.00	2.0
ACX	12.79	296	(P)	24	26.80	0.8
TPM	13.12	306	(P)	24	30.00	-0.5
III	13.13	303	(P)	24	32.60	1.9
MRX	15.21	304	(P)	25	00.60	2.9
COLM	17.06	299	(P)	25	25.50	3.9X
SDV	17.17	97	eP	25	24.30	1.2
TOV	17.86	94	eP	25	32.40	0.8
MGP	21.12	70	P	26	15.30	6.7X

PORP	21.55	70	P	26	14.70	1.7
CLLP	21.61	70	P	26	13.00	-0.6
HBF	22.45	17	eP	26	23.25	1.5
SGS	22.65	16	eP	26	25.18	1.3
PRM	23.07	12	eP	26	27.52	-0.4
UYO	23.38	346	iPd	26	31.00	0.1
PWLA	23.41	360	eP	26	30.71	-0.5
JSC	23.50	14	eP	26	32.82	0.7
			e	26	43.12	
OLY	24.15	353	eP	26	37.64	-0.7
GBTN	24.32	7	eP	26	40.44	0.4
			e	26	50.34	
TKL	24.37	8	eP	26	41.02	0.5
MEO	25.17	339	iPd	26	48.30	0.0
FKO	25.21	342	iPd	26	48.00	-0.7
FNO	25.21	341	iPd	26	48.10	-0.6
TUL	25.37	345	iPc	26	49.10	-1.0
	0.8s	126.40nm			5.7mb	
Z	11s	0.58um			4.4MszX	

			e	26	51.90	
			e	26	55.40	
			e	27	03.00	
			e	27	31.00	
			e	28	21.00	
			S	31	34.00	
			LR	34	43.00	
LNO	25.37	345	ePc	26	48.90	-1.1
OCO	25.48	342	iPd	26	51.50	0.3
CEH	25.58	17	eP	26	52.35	0.2
	1.0s	124.77nm			5.6mb	

RRO	25.70	340	iPd	26	53.20	-0.1
ELC	25.73	358	eP	26	52.01	-1.5
BLA	26.50	13	eP	27	00.42	-0.2
	1.2s	76.86nm			5.3mb	
FVM	26.50	355	eP	27	00.07	-0.6
	0.7s	20.68nm			4.9mb	
NAV	26.51	13	eP	27	00.14	-0.7
ACO	27.10	340	iPc	27	04.50	-1.6
CBN	28.23	18	eP	27	16.50	0.1
	1.1s	87.50nm			5.5mb	
ALO	28.83	327	eP	27	21.48	-0.6
	0.8s	5.40nm			4.4mb	

MCWV	28.97	13	P	27	30.00	7.0X
	Z	22s	2.58um		4.8Msz	
JFWS	31.40	357	eP	27	42.76	-1.8
	1.1s	43.78nm			5.3mb	
			iPcP	30	38.49	
LVNJ	31.43	19	eP	27	44.12	-0.7
			ePcP	30	37.56	
TBR	31.90	20	eP	27	48.96	-0.1
GLA	32.74	315	ePc	27	56.31	-0.2
ZOBO	33.80	144	P	28	06.20	-0.3
	Z	22s	0.41um		4.1	

04d 00h						TTA						NST							
1.1s 43.17nm 5.2mb						69.96 333 ePd 32 32.91 -1.7						151.89 343 ePKP 41 19.00 6.8X							
						1.0s 34.04nm 5.4mb						S.D. = 1.1 on 155 of 172 obs.							
ABL	36.78	314	eP	28	31.93 0.7	MAL	78.04	55	eP	33	21.00 -0.9	* SEP 04, 1992 00h 36m 59.54±1.78s							
HVU	37.23	329	eP	28	34.13 -0.8	AIA	78.52	170	eP	33	24.00 0.1	45.024 N ±11.4km							
TNP	37.28	320	eP	28	36.20 0.8	LDF	80.03	42	eP	33	34.50 2.0	6.765 E ±10.1km							
	1.2s	87.83nm			5.4mb		0.8s	6.05nm			4.6mb	DEPTH = 10.0km (geophysicist)			FRANCE			(538)	
BCH	37.56	314	eP	30	54.45	MFF	80.22	44	eP	33	34.90 1.3	ML 2.3 (LDG).			RRL	0.10	172	P	
PTI	37.84	330	eP	28	39.83 -0.2		0.8s	12.75nm			5.0mb			S					
BONR	37.89	319	eP	28	42.23 1.6	ADK	80.35	321	eP	33	33.69 -0.4			S					
			ePcP	30	57.23		0.9s	91.15nm			5.8mb			S					
PKEM	38.03	315	(P)	28	43.63 2.1	LFF	81.04	46	eP	33	39.50 1.6			S					
PHAM	38.11	315	ePd	28	43.68 1.5		1.0s	17.80nm			5.1mb			S					
HHA1	38.16	331	eP	28	42.65 0.0	LPO	81.38	46	eP	33	41.40 1.6			S					
			ePcP	30	58.68		1.0s	18.20nm			5.1mb			S					
FRI	38.26	317	iPd	28	43.60 0.2	LSF	81.42	45	eP	33	42.60 2.7			S					
KVN	38.42	321	eP	28	45.99 1.0		1.1s	15.65nm			5.0mb			Sg					
PR1	38.45	315	ePd	28	46.19 1.0	RJF	81.53	46	eP	33	42.00 1.5			Sg					
LLA	38.89	316	iPd	28	47.96 -0.8		0.9s	9.15nm			4.8mb			Sg					
PRS	39.04	315	iPd	28	50.81 0.8	Z	20s	0.13um			4.3Msz			Sg					
			ePcP	28	53.89	TIC	81.74	85	P	33	42.46 0.3			S					
ULM	39.22	352	ePd	28	50.20 -1.1		0.8s	7.50nm			4.8mb			S					
SAO	39.32	316	eP	28	52.58 0.3	LIC	81.81	85	P	33	42.96 0.4			S					
LMN	39.50	26	ePc	28	54.60 0.9		0.8s	19.00nm			5.2mb			S					
ARN	39.68	316	iPd	28	56.76 1.4	CAF	81.97	46	eP	33	44.40 1.6			S					
			ePcP	31	03.20		1.3s	20.20nm			5.0mb			S					
GCC	39.83	316	iPd	28	57.60 1.1	KIC	82.06	85	P	33	44.42 0.6			S					
LRM	40.12	333	iPd	28	59.20 0.1		1.0s	17.50nm			5.1mb			S					
			ePcP	31	04.60	BGF	82.28	44	eP	33	47.00 2.6			S					
PCC	40.34	316	iPd	29	01.86 1.2		0.8s	9.25nm			5.0mb			Sg					
BKS	40.43	316	iPd	29	03.02 1.6	LOR	82.85	43	eP	33	51.10 3.7X			Sg					
ZSP	40.48	317	ePd	28	59.64 -2.2		1.0s	12.20nm											

MRX 15.28 303 (P) 29 26.20 4.7X
 HBF 22.20 16 eP 30 44.44 2.3
 UYO 23.24 346 iPc 30 53.00 0.5
 JSC 23.25 14 eP 30 53.54 1.0
 LHS 23.55 14 eP 30 56.60 1.2
 GBTN 24.10 7 eP 31 01.39 0.6
 TKL 24.14 8 eP 31 01.91 0.7
 MEO 25.07 338 iPd 31 10.20 0.0
 FKO 25.09 341 iPc 31 10.40 0.0
 FNO 25.10 341 iPc 31 10.20 -0.2
 TUL 25.23 344 eP 31 11.70 0.0

0.8s 40.70nm 5.2mb
 Z 18s 0.17um 3.6msz

e 31 13.40
 e 31 20.90
 (S) 36 14.00
 LR 40 00.00

LNO 25.24 344 eP 31 11.60 0.0
 CEH 25.33 16 eP 31 12.93 0.3
 0.6s 21.73nm 5.0mb

OCO 25.36 341 iPc 31 13.80 0.8
 ELC 25.55 357 eP 31 12.52 -2.1
 RRO 25.60 339 e(P) 31 13.50 -1.6
 ACO 26.99 339 iPc 31 27.40 -0.6
 JFWS 31.21 356 eP 32 04.52 -1.2

0.4s 5.66nm 4.8mb
 RSNY 34.65 17 eP 32 35.50 -0.2
 0.8s 17.63nm 5.0mb

DAU 35.40 328 eP 32 42.68 0.2
 EEO 35.61 10 eP 32 44.50 0.7
 BW06 36.37 332 eP 32 50.20 -0.4
 0.8s 2.62nm 4.1mb

BCH 37.57 314 (P) 33 00.68 0.0
 ULM 39.06 352 eP 33 12.00 -0.8
 LMN 39.23 25 eP 33 15.50 1.2
 LCCM 39.80 333 eP 33 20.20 0.9

JAQ 43.09 10 eP 33 44.00 -1.9
 NEW 43.99 332 (P) 33 51.79 -1.6
 0.9s 5.26nm 4.4mb

BAO 47.72 124 Pd 34 24.20 0.7
 YKA 54.31 345 eP 35 10.60 -2.0
 0.8s 3.40nm 4.4mb

KLU 64.94 333 (P) 36 25.57 -0.5
 MBC 66.76 352 eP 36 36.00 -1.3
 CHG 149.02 348 ePKP 45 35.30 4.6X

S.D. = 1.2 on 33 of 35 obs.

? SEP 04, 1992 01h 41m 03.71±3.54s
 0.802 S ±31.3km 152.357 E ±32.8km
 DEPTH = 33.0km (normol)
 4.7mb (3 obs.)

NEW IRELAND REGION, P.N.G. (190)

RAB 3.37 183 e(P) 41 56.00 0.6
 PMG 9.99 211 eP 43 28.00 -0.1
 QIS 23.26 212 ePKP 46 08.10 -1.2
 0.6s 3.00nm 4.0mb

MTN 24.20 239 eP 46 20.00 1.5
 WB2 25.93 222 iPd 46 34.30 -0.6
 0.3s 27.60nm 5.3mb

ARMA 29.46 181 iPc 47 07.20 0.2
 0.8s 14.00nm 4.8mb

WARB 35.35 222 eP 47 58.00 -0.4
 PPD 147.62 136 ePKP 00 55.90 11.4X
 S.D. = 1.1 on 7 of 8 obs.

& SEP 04, 1992 01h 54m 40.32s
 58.157 N 142.895 W
 DEPTH = 10.0km (geophysicist)

GULF OF ALASKA (15)
 <AEIC>. ML 3.1 (AEIC), 3.3 (PGC).

WRG 1.94 13 iPd 55 08.62 -5.0
 KAIM 1.94 337 iPd 55 08.82 -4.8
 eS 55 29.58

CYK 1.94 6 iPd 55 09.03 -4.6
 eS 55 30.98

SNH 2.03 1 iPd 55 10.05 -4.9
 eS 55 33.38

MID 2.20 307 P 55 12.50 -4.9
 S 55 35.60

YAH 2.29 14 ePd 55 13.76 -5.2
 eS 55 40.62

HMT 2.30 343 ePd 55 13.50 -5.3
 PNL 2.36 49 iPc 55 14.46 -5.3

PCA 2.37 34 ePd 55 14.86 -5.1
 eS 55 40.84

RAGM 2.42 339 ePd 55 15.13 -5.4
 HQN 2.46 56 iPc 55 15.76 -5.4
 eS 55 41.89

BCPM 2.47 42 ePc 55 16.02 -5.2
 TGL 2.61 1 iPd 55 17.92 -5.4
 eS 55 46.89

CRQM 2.61 357 iPd 55 17.96 -5.5
 SGAM 2.63 334 ePc 55 18.58 -5.0
 eS 55 48.86

CVA 2.81 330 ePc 55 21.16 -4.9
 BALM 2.90 5 iPd 55 22.24 -5.3
 eS 55 54.14

HIN 2.91 322 eP 55 22.05 -5.5
 CTGM 2.93 15 iPd 55 22.50 -5.4
 MTU 3.07 309 ePd 55 24.05 -5.6

FID 3.18 326 eP 55 26.96 -4.4
 LTI 3.18 309 eP 55 27.24 -4.1
 KNIM 3.32 314 iPc 55 27.19 -6.1

eS 56 03.83
 GLB 3.33 352 iPd 55 27.79 -5.7
 eS 56 04.80

VLZ 3.46 331 eP 55 29.79 -5.4
 GLI 3.47 324 eP 55 29.23 -6.2
 PLBC 3.64 66 P 55 32.00 -5.8

S 56 11.00
 KLU 3.68 337 ePc 55 32.74 -5.8
 HYT 3.84 43 P 55 37.50 -3.3

SEW 3.90 303 eP 55 35.24 -6.3
 MPA 4.05 308 eP 55 37.15 -6.5
 PTE 4.14 314 eP 55 38.37 -6.5

TOA 4.29 339 eP 55 42.12 -5.0
 KNK 4.31 322 eP 55 41.93 -5.4
 SCM 4.31 331 eP 55 42.21 -5.2

SLKM 4.43 305 eP 55 43.13 -6.0
 CNPM 4.55 291 eP 55 45.47 -5.2
 SML 4.57 326 eP 55 45.26 -5.8

PMS 4.58 315 P 55 45.50 -5.7
 SYI 5.02 279 eP 55 51.38 -6.0
 KDC 5.13 269 eP 55 52.89 -6.0

REF 5.54 299 ePn 55 59.26 -5.7
 SPU 5.54 307 eP 55 58.50 -6.4
 RS1 5.55 299 eP 55 59.63 -5.6

RS2 5.56 299 P 56 00.30 -4.9
 OPT 5.56 290 eP 55 59.64 -5.5
 DFR 5.57 300 eP 55 59.46 -5.8

INE 5.58 294 eP 56 00.53 -4.9
 BKG 5.58 306 eP 55 58.80 -6.6
 AUE 5.59 287 P 56 01.30 -4.1

CGLM 5.59 308 P 56 01.70 -3.8
 RDW 5.59 299 eP 55 59.79 -5.8
 AUI 5.61 287 P 56 01.50 -4.3

AUL 5.62 287 eP 56 02.19 -3.7
 AUH 5.62 287 P 56 02.00 -4.0
 NCT 5.67 299 eP 56 01.34 -5.4

CKL 5.67 306 eP 56 00.34 -6.4
 CDD 5.68 282 P 56 02.00 -4.8
 BGL 5.73 307 eP 56 01.17 -6.3

SKT 5.78 315 eP 56 02.20 -5.9
 MCNL 6.06 285 P 56 07.40 -4.7
 PDB 6.07 290 eP 56 06.84 -5.3

62 obs. associated

& SEP 04, 1992 03h 20m 55.43s
 34.243 N 116.772 W
 DEPTH = 3.5km

SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC 0.48 223 ePc 21 04.41 -0.6
 SSK 0.76 268 iPc 21 09.80 -0.9
 PLM 0.89 185 ePd 21 12.03 -1.2

ISA 1.99 316 (Pn) 21 29.24 -1.1
 ePg 21 31.72

GLA 2.01 126 (Pn) 21 30.30 -0.3
 ABL 2.11 287 ePn 21 30.97 -1.3
 ARUT 4.45 36 (P) 22 05.40 -0.1

7 obs. associated

? SEP 04, 1992 04h 01m 18.44±0.79s
 23.498 N ±17.9km 94.512 E ±9.8km
 DEPTH = 33.0km (normol)

MYANMAR-INDIA BORDER REGION (294)

CHG 6.23 138 ePg 02 50.60 0.0
 eSg 04 07.00

KMI 7.68 76 ePg 03 11.00 0.0
 Sg 04 21.00

GUN 8.94 301 P 03 29.32 0.7
 PKI 9.17 298 P 03 32.26 0.5
 KKN 9.36 299 P 03 33.14 -1.2

DMN 9.43 298 P 03 34.50 -0.8
 GKN 9.97 299 P 03 43.52 0.9

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

& SEP 04, 1992 04h 23m 13.11s
 59.796 N 152.525 W

DEPTH = 87.6km
 SOUTHERN ALASKA (2)
 <AEIC>.

INE 0.38 315 eP 23 26.19 -1.0
 OPT 0.38 248 iPd 23 26.35 -0.7
 eS 23 36.43

HOM 0.47 107 iPc 23 26.99 -0.6
 S 23 38.18

XLV 0.53 130 iPc 23 27.16 -0.9
 eS 23 38.34

AUE 0.61 225 iPd 23 28.09 -0.7
 AUL 0.62 228 ePd 23 28.21 -0.7
 AUH 0.64 228 iPd 23 28.43 -0.7

AUW 0.64 229 iPd 23 28.44 -0.6
 eS 23 40.75

AUI 0.65 225 ePd 23 28.36 -0.8
 eS 23 39.85

RS1 0.68 350 iPd 23 29.03 -0.6
 RSO 0.68 350 iPd 23 29.00 -0.7
 RS2 0.68 350 iPd 23 29.04 -0.7

eS 23 41.79
 REF 0.70 353 eP 23 28.52 -1.4
 eS 23 41.15

RDW 0.70 348 ePd 23 29.18 -0.7
 CNPM 0.71 112 iPc 23 28.96 -0.8
 eS 23 41.19

RDN 0.73 351 eP 23 29.26 -0.8
 RDT 0.78 4 iPd 23 29.70 -0.9
 eS 23 42.68

NCT 0.79 345 iPd 23 29.96 -0.8
 eS 23 43.16

DFR 0.80 354 iPd 23 30.13 -0.7
 eS 23 43.42

BRK 0.83 91 eP 23 30.04 -1.0
 PDB 0.84 270 iPd 23 30.08 -1.1
 eS 23 43.17

CDD 1.04 214 iPd 23 32.59 -0.9
 eS 23 47.49

MCNL 1.11 237 iPd 23 32.90 -1.3
 eS 23 47.81

NKA 1.15 33 eP 23 36.00 1.4
 SYI 1.19 177 ePc 23 34.39 -0.8
 eS 23 51.05

BKG 1.29 6 ePd 23 35.91 -0.6
 eS 23 53.60

SLKM 1.36 57 eP 23 36.89 -0.4
 CKL 1.41 4 iPd 23 37.58 -0.5
 SPU 1.41 9 iPd 23 37.53 -0.5

eS 23 56.19

BGM 1.43 255 ePd 23 36.86 -1.5
 eS 23 54.96

BGL 1.47 3 eP 23 38.51 -0.4
 CPKM 1.48 5 (P) 23 38.62 -0.5
 CRP 1.49 7 eP 23 37.74 -1.4

eS 23 58.36

CGLM 1.54 9 eP 23 39.34 -0.4
 SEW 1.58 77 eP 23 38.92 -1.2
 NCG 1.62 6 eP 23 40.40 -0.5

MPA 1.73 65 eP 23 40.97 -1.2
 PTE 2.05 57 eP 23 45.26 -1.1
 PMS 2.06 44 P 23 45.90 -0.8

SKT 2.25 12 eP 23 48.50 -0.6
 KNIM 2.46 75 iPc 23 49.80 -2.3
 MTU 2.46 83 P 23 51.16 -0.9
 KNK 2.58 49 eP 23 52.85 -0.8

43 obs. associated

SEP 04, 1992 04h 54m 15.00±0.29s
 42.668 N ±2.4km 111.387 W ±3.6km
 DEPTH = 5.0km (geophysicist)

EASTERN IDAHO (457)
 ML 4.0 (GS), 3.8 (BUT). Felt
 (11) at Georgetown, McCommon,
 Montpelier and Paris. Also felt
 in the Sodo Springs oreo.

ALPW	0.56	31	P	54 26.11	-0.1	MAF	0.29	299	Pg	08 47.30	0.0	TUL	25.10	345	eP	41 55.10	-0.2
			S	54 34.68		EPF	0.59	87	Pg	08 52.30	-0.9		0.8s	10.00nm			4.5mb
CHOI	0.66	11	P	54 27.89	-0.3				Sg	09 00.90		LNO	25.10	345	eP	41 54.90	-0.3
			S	54 38.26		LPO	2.06	35	Pg	09 15.50	-0.8	CEH	25.38	17	eP	41 58.17	0.2
PTI	0.75	286	ePn	54 28.75	-1.5				Sg	09 43.20			0.8s	8.51nm			4.4mb
			eS	54 39.52		LFF	2.12	24	Pg	09 18.90	1.8	ULM	38.96	352	eP	43 55.50	-1.2
REDW	0.80	29	Pd	54 30.48	-0.6				Sg	09 45.60		LMN	39.32	26	eP	44 00.00	0.2
			S	54 42.39		CAF	2.65	43	Pg	09 26.30	1.5	LRM	39.85	333	eP	44 05.80	1.3
BEAW	0.81	44	P	54 30.86	-0.6				Sn	09 52.00		BAO	48.02	124	e(P)	44 11.00	0.5
			S	54 43.56					Sg	10 03.00		GRF	87.04	40	iPc	49 43.20	27.6X
PINI	0.84	2	P	54 31.60	-0.3	RJF	2.71	31	Pg	09 28.90	3.4X		1.0s	12.00nm			
			S	54 44.80					Sg	10 01.40		Z	18s	0.20um			4.6Msz
TPAW	0.88	21	P	54 31.59	-1.0		S.D. = 1.2 on 10 of 11 obs.					CLL	87.72	38	iPd	49 32.00	13.2X
			S	54 45.47									1.2s	20.00nm			
SNOW	0.92	30	P	54 32.74	-0.5		* SEP 04, 1992 07h 33m 35.34± 7.24s										
			S	54 46.99			26.063 N ±12.0km 128.531 E ±10.5km					BRG	88.41	38	eP	49 32.20	10.1X
HHA1	0.96	311	eP	54 33.38	-0.5		DEPTH = 12.8 ± 45.2 km						1.1s	10.00nm			
			eS	54 47.69			4.7mb (11 obs.)					KHC	88.68	40	P	49 40.40	16.9X
MUDI	0.98	13	P	54 33.79	-0.4		RYUKYU ISLANDS (238)						1.0s	5.40nm			
			S	54 48.35													
AVOW	1.03	24	P	54 34.53	-0.6	KAGJ	5.51	22	P	34 58.50	-0.6	GEC2	88.84	40	ePc	49 40.70	16.4X
			S	54 49.77		KUMJ	6.75	17	P	35 16.50	-0.1		1.0s	3.30nm			
LOHW	1.10	31	P	54 35.74	-0.6	SSE	8.17	310	eP	34 48.50	-47.9X						
			S	54 51.63													
TARW	1.13	15	P	54 36.69	-0.2		Z	12s	3.60um								
			S	54 52.27			N	10s	1.30um			PRU	89.03	39	eP	49 35.50	10.4X
GRAI	1.14	2	P	54 36.79	-0.2		E	12s	1.00um								
MOOW	1.18	23	P	54 37.51	-0.1	SNY	16.25	347	eP	37 18.00	-6.7X						
			S	54 54.20			Z	17s	1.47um				SEP 04, 1992 07h 37m 21.33± 0.41s				
TRXW	1.24	29	P	54 38.78	0.1		E	14s	0.91um					38.527 N ± 5.2km 143.158 E ± 5.4km			
			S	54 59.33		BJI	17.34	327	eP	37 40.00	1.5						
HAYW	1.24	38	Pd	54 38.87	0.1		Z	14s	1.18um					DEPTH = 29.5km (5 depth phases)			
			S	54 58.20			N	14s	1.66um					5.0mb (29 obs.) 4.4Msz (5 obs.)			
RAMW	1.26	15	P	54 39.06	0.0	TIY	17.91	314	eP	37 47.60	1.9			OFF EAST COAST OF HONSHU, JAPAN (229)			
			S	54 57.81			Z	12s	1.69um			OFUJ	1.29	296	iP+	37 44.10	0.7
BW06	1.35	85	iP	54 40.90	0.2		N	10s	0.87um					eS	38 03.20		
HVU	1.36	230	ePc	54 39.16	-1.6	XAN	18.72	300	eP	37 55.30	-0.5	YAMJ	2.48	263	P	38 01.10	0.5
			eS	54 55.65										eS	38 35.20		
COLW	1.38	21	P	54 41.11	0.0		Z	16s	0.71um						eP	38 08.00	0.7
			S	55 01.16			E	14s	1.03um			AOMJ	2.96	314	eP	38 11.00	-1.4
PACW	1.40	28	P	54 41.67	0.3	HHC	20.39	321	eP	38 13.80	-0.8	KAKJ	3.32	227	P	38 11.00	-1.4
ANGW	1.46	37	P	54 42.83	0.6		Z	14s	1.42um					S	38 50.70		
			S	55 05.02			N	12s	0.89um			NIIJ	3.53	250	P	38 16.20	0.7
STEW	1.47	20	P	54 42.64	0.2		E	12s	0.77um			HOIJ	3.85	1	eP	38 17.90	-2.1
			S	55 04.05		KMI	23.27	273	eP	38 45.00	1.2			eS	39 00.70		
LTMT	1.93	344	ePn	54 49.90	0.8							CHJJ	4.14	235	P	38 23.90	-0.2
DAU	2.26	177	(P)	54 54.86	1.0	LZH	1.4s	30.00nm						S	39 11.30		
			eS	55 23.23			23.33	301	eP	38 42.50	-1.8						
MCMT	2.41	334	ePn	54 56.70	0.8		1.6s	55.00nm				MAT	4.40	245	eP	38 29.00	1.1
BGMT	2.61	350	ePn	54 59.30	0.6		Z	15s	0.52um					eS	39 23.00		
EMUT	2.88	171	eP	55 03.57	0.9	GTA						MTMJ	4.67	247	P	38 33.50	1.7
			eS	55 04.05			27.45	306	iPc	39 21.50	-1.6	KUSJ	4.72	14	eP	38 28.60	-3.6X
MEMT	2.95	6	ePn	55 05.60	2.0		1.0s	28.00nm						eS	39 19.30		
LCCM	3.19	354	ePn	55 09.50	2.6X		Z	15s	0.92um			IIDJ	5.18	236	P	38 39.80	0.8
LRM	3.25	347	ePn	55 09.20	1.4		E	10s	0.52um			ASAJ	5.60	356	eP	38 44.10	-0.6
HBMT	3.25	345	eP	55 10.30	2.5X	CHG	28.24	261	eP	39 31.00	0.8	TSRJ	6.47	245	P	38 57.50	0.5
BUT	3.45	346	ePg	55 18.40	7.8X	WMO	37.43	309	P	40 49.50	-0.6	MDJ	11.84	305	eP	40 10.90	-0.2
			eSg	56 03.40			1.5s	16.00nm						1.0s	37.00nm		5.5mb
SXM	3.48	2	ePn	55 14.60	3.5X	PKI	38.37	282	P	40 57.72	-0.7			Z	16s	2.36um	3.7Msz
SRU	3.61	169	ePn	55 13.70	0.7	KKN	38.46	283	P	40 58.64	-0.4		N	13s	1.34um		
			(S)	56 03.24			0.9s	68.00nm				E	13s	0.76um			
HRY	4.06	356	ePn	55 22.50	3.3X	DMN	38.63	282	P	41 00.00	-0.6				sP	40 24.50	
MSU	4.19	188	ePn	55 20.52	-0.7		1.0s	59.00nm						eS	42 25.00		
ARUT	5.12	199	(P)	55 34.05	-0.3	GKN	38.99	283	P	41 02.88	-0.6	CN2	14.34	297	Pc	40 45.20	1.0
GOL	5.42	121	ePn	55 37.76	-1.0		0.9s	48.00nm						1.0s	9.80nm		4.4mb
TNP	6.39	226	eP	55 52.72	0.4	WB2	46.08	172	eP	42 00.40	-0.5		Z	16s	1.23um		
NEW	6.89	326	(P)	56 00.00	0.8		0.7s	2.60nm				N	14s	1.74um			
SES	7.73	2	eP	56 37.00	26.0X	ASPA	49.71	174	eP	42 29.70	0.5		E	14s	0.92um		
ALQ	8.62	152	(Pn)	56 18.08	-5.4X		0.9s	4.30nm						eP	40 54.00		
	0.6s	0.39nm			3.9mb X	MA10	58.83	298	eP	43 37.00	0.9	DL2	16.81	278	eP	41 15.50	-0.5
	S.D. = 0.8 on 37 of 44 obs.					MBC	69.93	14	eP	44 51.50	3.8X		1.0s	83.00nm			4.8mb
SEP 04, 1992 06h 08m 41.18± 1.25s						CLL	84.44	325	iPd	46 09.60	0.8		Z	15s	0.82um		3.4Msz
43.004 N ±13.5km 0.468 W ± 5.2km						GEC2	85.50	323	eP	46 15.50	1.2	SSE	19.48	254	Pc	41 47.50	-1.2
DEPTH = 10.0km (geophysicist)							0.7s	0.84nm					1.0s	36.00nm			4.6mb
PYRENEES (378)																	
ML 2.5 (LDG).							S.D. = 1.1 on 20 of 23 obs.										
						? SEP 04, 1992 07h 36m 32.05± 1.27s						TJA	20.80	272	eP	42 01.70	-0.9
						11.718 N ±16.1km 87.994 W ±21.6km						Z	15s	1.87um			4.6MszX
						DEPTH = 33.0km (normal)						NJ2	20.83	259	Pc	42 02.00	-1.0
						4.4mb (2 obs.) 4.6Msz (1 obs.)						BJI	20.92	283	eP	42 00.50	-3.3X
						NEAR COAST OF NICARAGUA (74)								1.4s	48.00nm		4.7mb
JAU	0.08	65	Pg	08 43.59	-0.2								Z	14s	0.94um		4.3MszX
			Sg	08 45.48								TIY	24.13	278	eP	42 37.00	1.3
ESCF	0.11	314	Pg	08 43.70	-0.3								Z	14s	1.67um		4.7MszX
			Sg	08 45.58		SGS	22.45	17	(P)	41 32.54	2.9X		E	12s	0.64um		
OGE	0.16	359	Pg	08 43.57	-1.4	PRM	22.85	12	eP	41 33.64	0.1	HHC	24.36	285	P	42 36.40	-1.5
ATE	0.19	296	Pg	08 45.22	-0.2	JSC	23.28	14	eP	41 38.35	0.6		1.0s	24.00nm			4.7mb
			Sg	08 48.03		GBTN	24.09	8	eP	41 45.73	0.2		Z	16s	1.78um		4.6MszX
ISSF	0.24	276	Pg	08 46.86	0.5	TKL	24.14	8	eP	41 46.13	0.0		E	12s	0.69um		
			Sg	08 51.04													

YAK	24.93	345	eP	42	42.00	-1.1	SSF	87.48	334	eP	50	07.70	0.5	MRRJ	4.22	337	eP	13	29.80	-0.8				
	1.0s	50.00nm			5.1mb			1.0s	10.40nm			5.1mb					eS	12	51.40	-0.8				
Z	14s	0.40um			4.1mszX		AVF	87.76	334	eP	50	09.20	0.7	CHJJ	4.25	235	P	12	52.20	-0.6				
N	14s	0.40um						1.1s	15.65nm			5.2mb		MAT	4.52	245	eP	12	57.00	0.3				
E	14s	0.40um					LFF	90.27	334	eP	50	21.50	1.0		1.2s	51.56nm	(S)	14	08.00					
		iPP	43	29.00				1.0s	14.00nm			5.2mb		KUSJ	4.65	13	eP	12	57.90	-0.6				
		iPPP	43	37.00			ZOBO	144.75	60	PKP	57	01.80	3.7X				eS	13	48.80					
		ePcP	46	07.00			LPB	144.94	60	PKP	57	03.00	4.9X	MTMJ	4.79	247	P	13	01.40	0.8				
		eS	47	09.00			CNCB	145.22	60	ePKP	56	59.00	0.2	ASAJ	5.57	355	eP	13	09.70	-1.7				
		eSS	48	20.00			CCH	146.86	59	ePKP	57	05.00	3.9X	TSRJ	6.59	245	P	13	26.10	0.3				
WHN	24.96	260	eP	42	42.50	-1.1		S.D. = 0.9	on	56	of	63	obs.	WDJ	11.91	305	eP	14	39.00	-0.2				
		pP	42	52.00	34km									SSE	19.60	254	Pc	16	16.50	-0.7				
BTO	25.55	285	P	42	48.00	-1.2	? SEP 04, 1992 07h 44m 07.05±1.10s								1.0s	9.00nm			4.0mb					
	N 15s	0.37um					6.502 S ±15.0km								Z 16s	0.40um	pP	16	24.00	29km				
	E 16s	1.79um					147.511 E ± 6.6km										eP	16	31.60	0.7				
XAN	27.86	271	eP	43	09.00	-1.4	DEPTH = 10.0km (geophysicist)							NJ2	20.95	259	eP	16	29.00	-2.3				
	0.8s	16.00nm			4.8mb		EASTERN NEW GUINEA REG., P.N.G. (207)							8J1	21.02	283	eP	16	30.00	-2.0				
LZH	31.21	278	eP	43	35.00	-5.3X									Z 16s	0.29um			3.8mszX					
	1.5s	54.00nm			5.2mb		FINC	0.36	108	iPc	44	14.60	0.1				eP	17	05.80	1.9				
Z	18s	0.78um			4.4msz		LAT	0.53	252	iPd	44	18.10	0.3	TIY	24.24	278	eP							
E	13s	0.55um					YYY	1.55	280	eP	44	34.90	0.0		Z 18s	0.73um			4.2msz					
CD2	33.07	269	Pd	43	55.70	-0.8	PMG	2.91	187	eP	44	54.00	-0.2		E 15s	0.66um								
	1.0s	37.00nm			5.3mb		MNDI	3.85	275	eP	45	07.60	-0.2											
Z	13s	1.64um			4.9mszX			S.D. = 0.3	on	5	of	5	obs.											
E	12s	1.54um					? SEP 04, 1992 07h 51m 09.13±1.17s																	
GTA	33.47	285	P	44	00.00	-0.1	11.381 N ±14.6km							HHC	24.46	285	P	17	05.00	-1.0				
	1.0s	33.00nm			5.2mb		87.605 W ±23.1km								Z 16s	0.71um			4.3mszX					
Z	18s	1.71um			4.8msz		DEPTH = 10.0km (geophysicist)							YAK	24.93	345	eP	17	13.00	2.9				
E	15s	1.19um					4.7mb (4 obs.)								1.0s	40.00nm			5.0mb					
		pP	44	06.00	21km		NEAR COAST OF NICARAGUA (74)										e	21	43.00					
KMI	36.56	261	Pc	44	27.00	0.3								BTO	25.65	285	eP	17	19.00	1.7				
	1.5s	40.00nm			5.1mb		PRM	23.10	11	ePd	56	17.02	0.9	XAN	27.97	271	eP	17	37.30	-1.3				
		pP	44	35.00	27km		JSC	23.52	13	eP	56	20.89	0.7	LZH	31.31	278	eP	18	12.50	4.0X				
WMO	41.42	296	P	45	07.00	0.3	UYO	23.53	346	iPd	56	21.00	0.7	GYA	32.96	259	P	18	25.60	2.7				
	1.0s	20.00nm			4.8mb		GBTN	24.37	7	eP	56	28.50	0.0	GTA	33.57	285	eP	18	27.50	-0.6				
Z	15s	0.52um			4.5mszX		TKL	24.42	8	eP	56	29.12	0.2		1.5s	14.00nm			4.7mb					
N	12s	0.30um					TUL	25.52	344	eP	56	40.60	1.1	Z	16s	0.57um			4.4mszX					
E	12s	0.43um						0.8s	50.20nm			5.3mb					pP	18	36.00	29km				
		pP	45	17.50	36km				e			56	43.20		WMO	41.51	296	eP	19	36.50	1.9			
		sP	45	21.50			LNO	25.52	344	eP	56	48.80		WB2	58.80	190	iPc	21	45.60	-0.8				
		PP	46	41.00			CEH	25.59	16	eP	56	39.94	-0.2		0.6s	2.50nm			4.5mb					
CHG	43.00	256	eP	45	20.00	0.2		0.7s	13.11nm			4.7mb					i	21	53.60	26km				
LSA	43.46	275	eP	45	24.80	0.8	RSNY	34.91	16	eP	58	01.20	-1.8	ASPA	62.53	190	eP	22	12.40	0.7				
GUN	48.39	275	P	46	03.36	0.3		1.0s	13.02nm			4.8mb			1.6s	4.50nm			4.3mb					
	0.7s	51.00nm			5.7mb		EEO	35.88	10	eP	58	10.50	-0.7	GBA	62.82	266	P	22	13.20	-0.7				
KKN	48.91	275	P	46	06.94	0.0	BW06	36.65	333	(P)	58	16.70	-1.3	HFS	73.30	336	eP	23	19.30	0.7				
	0.6s	46.00nm			5.7mb			0.8s	1.55nm			3.9mb			0.5s	1.40nm			4.2mb					
PKI	48.92	275	P	46	06.70	-0.4	ULM	39.35	352	eP	58	39.00	-1.2	NB2	73.35	338	P	23	19.30	0.3				
DMN	49.14	275	P	46	09.02	0.3	LMN	39.46	25	eP	58	41.00	-0.3		0.9s	3.60nm			4.4mb					
GKN	49.32	276	P	46	09.70	-0.2	BAO	47.52	124	e(P)	59	48.30	1.3	GEC2	82.19	329	ePd	24	16.30	8.4X				
	1.1s	75.00nm			5.6mb				e			59	53.50			0.8s	1.32nm			4.0mb				
KSH	51.09	293	P	46	24.50	1.2	PPD	48.68	133	(P)	59	55.00	-0.8				e	24	25.50	29km				
WB2	58.74	190	iPd	47	17.00	-1.8	WB2	138.81	253	iPKPc	10	46.00	7.6X	ZOBO	144.63	60	ePKP	31	39.00	14.0X				
	0.7s	7.00nm			4.9mb			0.8s	1.70nm					Z	20s	0.20um			4.9msz					
ASPA	62.47	190	eP	47	43.40	-0.8		S.D. = 1.1	on	15	of	16	obs.	LPB	144.82	60	ePKP	31	43.00	17.9X				
	0.8s	3.80nm			4.6mb		* SEP 04, 1992 07h 55m 28.90±0.83s							CNCB	145.10	60	ePKP	31	36.00	10.3X				
GBA	62.71	266	P	47	45.50	-0.5	29.847 N ±12.8km									S.D. = 1.3	on	30	of	36	obs.			
GMW	65.25	48	eP	48	10.82	8.6X	78.181 E ± 6.9km																	
KAF	67.61	333	eP	48	16.20	-0.8	DEPTH = 33.0km (normal)							& SEP 04, 1992 08h 24m 02.16s										
	0.8s	9.50nm			5.0mb		NORTHERN INDIA (308)							35.006 N										
OBN	67.72	323	iPc	48	17.10	-0.7								DEPTH = 3.7km										
	1.0s	32.00nm			5.4mb		NDI	1.43	216	iPn	55	52.80	0.0				CENTRAL CALIFORNIA (39)							
		ePcP	48	32.00					iSn			56	17.20				<PAS>P>. ML 3.1 (PAS), 2.6 (GS).							
		eS	57	05.00			GKN	5.95	106	P	56	57.60	0.4	SSK	1.00	218	ePd	24	20.54	-1.3				
		ePS	57	40.00			DMN	6.48	108	P	57	40.90	0.2				eS	24	34.07					
		eScS	58	22.00			KKN	6.56	106	P	57	05.68	-0.1	PEC	1.12	189	ePd	24	22.79	-1.1				
NEW	68.10	45	eP	48	20.50	0.1	PKI	6.74	108	P	57	08.28	-0.1	ISA	1.41	298	ePc	24	27.30	-1.4				
	1.2s	26.52nm			5.2mb		GUN	7.02	104	P	57	11.92	-0.4				eS	24	47.41					
NUR	69.28	332	eP	48	26.70	-0.6	OBN	38.86	323	eP	02	52.50	0.0	PLM	1.65	177	eP	24	31.24	-1.0				
	0.6s	9.10nm			5.0mb			0.9s	16.00nm			4.8mb		ABL	1.87	266	ePn	24	33.46	-2.0				
ORV	70.31	55	(P)	48	35.00	1.0			e			02	54.60				eS	25	04.27					
HFS	73.29	336	eP	48	51.10	-0.3		S.D. = 0.3	on	7	of	7	obs.	TPNV	2.02	16	ePn	24	34.57	-3.0				
Z	19s	0.25um			4.5msz		* SEP 04, 1992 08h 11m 48.34±0.94s							BCH	2.57	275	ePn	24	43.70	-1.8				
		LR	19	35.00			38.564 N ± 7.8km							GLA	2.63	137	ePn	24	42.64	-3.6				
OJC	78.56	327	eP	49	22.10	0.8	143.303 E ±11.4km										iPg	24	50.57					
ALO	82.58	51	eP	49	45.21	2.0	DEPTH = 28.4km (4 depth phases)							TNP	3.08	356	(P)	24	52.63	-0.1				
CDF	84.99	332	eP	49	55.50	0.5	4.4mb (8 obs.) 4.5msz (2 obs.)							ARUT	3.97	45	ePn	25	06.76	1.4				
	1.1s	14.90nm			5.1mb		OFF EAST COAST OF HONSHU, JAPAN (229)								10 obs. associated									
BSF	85.65	332	eP	49	59.50	1.1																		
HAU	85.66	333	eP	49	58.60	0.3	OFUJ	1.38	292	iP+	12	12.10	0.3											
	Z 19s	0.13um			4.3msz																			

SAN	1.29	153	iPd	44	40.39	0.4	BKM	4.57	165	iPc	58	41.80	5.0X	WEEK	47.15	246	iPd	05	47.50	-0.2
			iS	44	57.46				iS	59	21.00				0.5s	30.00nm			5.2mb	
FCH	1.36	139	iP+	44	41.81	0.6	HNR	7.90	298	ePd	59	22.00	0.4	BAL	49.36	241	eP	06	03.50	-1.0
TACH	1.39	165	iPd	44	41.70	0.4			eS	00	57.00						e	07	24.50	402kmX
PCH	1.50	152	iPd	44	43.26	0.5	SVO	8.15	299	eP	59	27.00	2.1	NANU	49.67	252	iPd	06	07.50	0.5
LNK	1.65	181	iPd	44	43.90	-0.8			eS	00	06.00			RKG	49.84	236	eP	06	08.00	-0.2
CHCH	1.73	160	iPd	44	46.33	0.5	DZM	8.81	183	iPc	59	35.20	1.4	MUN	50.00	239	eP	06	09.00	-0.4
CACH	1.92	161	iPd	44	49.50	1.0			iS	01	11.00			KAKJ	55.32	334	eP	06	48.40	-0.2
MDZ	2.20	106	eP	45	01.00	8.8X	VUN	12.00	115	eP	00	22.10	6.4X	CHJJ	55.71	333	eP	06	50.70	-0.7
			i	45	10.60		PMG	19.84	279	eP	01	50.00	0.3	IIDJ	55.74	331	eP	06	52.00	0.3
			iS	45	22.10		LAT	20.76	286	eP	01	59.00	0.0	KAGJ	56.16	323	eP	06	54.70	-0.1
ZON	2.40	72	iPc	44	59.50	4.5X	CTA	21.02	248	P	02	02.79	1.2	MAT	56.47	332	iPc	06	55.60	-1.3
ANT	8.60	6	eP	46	11.30	-9.7X	RMO	21.62	230	iPd	02	09.20	1.7		1.0s	51.00nm			5.4mb	
CCH	15.59	19	eP	47	54.00	0.2			0.2s	21.00nm						eS	14	36.00		
CNCB	15.73	12	Pc	47	55.70	-0.1				eS	09	29.00		MTMJ	56.69	332	P	06	57.70	-0.8
ARE	15.77	360	eP	47	57.00	0.9	ARMA	22.24	217	iPd	02	15.50	1.9	NIJJ	56.70	333	P	06	58.30	-0.1
LPB	15.98	11	eP	48	01.00	2.2			0.5s	40.00nm			5.1mb	TSRJ	56.71	330	eP	06	58.40	-0.1
ZOBO	16.21	11	iPc	48	01.40	-0.6	WWKK	25.01	290	eP	02	41.70	1.6	YAMJ	57.05	335	eP	07	01.30	0.4
	1.0s	63.75nm			4.7mb		CMS	26.63	224	iPc	02	54.60	-0.2	OFUJ	57.17	337	eP	07	01.50	-0.2
			LR	53	16.00				0.7s	29.00nm			5.0mb	KUMJ	57.17	324	P	07	01.70	-0.1
SIV	18.74	32	(P)	48	37.00	4.6X				e	03	26.00	151km	SHNJ	58.18	325	P	07	08.00	-0.8
PPD	20.53	65	eP	48	55.10	3.9X	CNZ	26.94	165	eP	02	59.40	1.7	SSE	62.28	316	Pd	07	35.50	-1.2
VAO	23.46	73	eP	49	20.10	-0.2	BWA	27.01	215	eP	02	57.00	-1.3		0.9s	91.00nm			5.7mb	
BMA	25.90	75	eP	49	43.20	-0.2				e	03	28.40	151km	GZH	63.74	304	Pd	07	47.60	1.1
BAO	26.95	57	Pd	49	52.30	-0.8	NOZ	27.11	161	eP	02	59.10	0.1	NJ2	64.44	315	Pc	07	50.60	-0.3
			e	49	53.10		CNB	27.16	213	iPd	03	00.50	0.9		1.0s	79.00nm			5.6mb	
			e	49	54.80					epP	03	31.40	148km	QIZ	64.81	299	P	07	54.00	0.5
			e	50	01.90					iPcP	06	16.70		KGM	64.96	279	ePd	07	55.00	0.4
			e	50	05.70		CAN	27.36	213	iPc	03	01.90	0.5	SMY	65.97	5	eP	08	01.00	0.7
			e	50	07.60					iPcP	06	17.40			1.3s	377.40nm			6.2mb	
			e	50	09.80		QRZ	27.91	171	eP	03	07.10	0.9	ADK	66.37	11	eP	08	01.99	-0.8
			e	50	29.00		MNG	28.27	166	eP	03	08.10	-1.4		1.1s	108.59nm			5.7mb	
			e	50	38.30		KIW	28.38	167	eP	03	10.20	-0.3	WHN	66.77	312	eP	08	05.00	-0.8
			e	50	52.00		PGZ	28.46	165	P	03	09.90	-1.3		1.0s	27.00nm			5.1mb	
BDF	26.99	58	Pd	49	51.10	-2.4	CAW	28.65	167	eP	03	11.80	-1.1	MDJ	66.85	332	eP	08	05.30	-0.7
			e	50	05.20		MRW	28.69	168	eP	03	11.60	-1.6		1.1s	65.00nm			5.4mb	
			e	50	07.50		DSZ	28.71	173	P	03	14.50	1.0	DL2	66.96	323	P	08	06.80	0.0
ITY	38.46	60	eP	51	31.40	-1.7	MTW	28.79	167	P	03	12.90	-1.3		0.8s	120.00nm			5.8mb	
UYO	69.60	340	iPc	55	19.40	-0.2	THZ	28.88	171	P	03	15.60	0.5	SNY	67.83	326	Pc	08	11.60	-0.6
LNO	71.62	339	eP	55	31.40	-0.2	BLW	28.99	167	eP	03	14.30	-1.6		1.0s	27.00nm			5.0mb	
TUL	71.62	339	eP	55	31.60	-0.2	MQW	28.99	167	eP	03	15.10	-0.8	IPM	67.86	281	ePc	08	12.30	-0.7
	0.6s	14.00nm			5.1mb		AMW	28.99	166	eP	03	14.90	-1.0		1.0s	62.30nm			5.4mb	
LIC	73.70	72	Pc	55	44.66	0.2	LTZ	29.79	172	P	03	22.90	-0.1	TIA	68.07	318	eP	08	12.80	-1.0
	0.8s	25.50nm			5.2mb		STK	29.81	227	iPc	03	23.20	0.0		1.2s	94.00nm			5.5mb	
TIC	73.95	71	Pc	55	46.10	0.2			0.4s	48.50nm			5.6mb	CN2	68.25	329	Pc	08	15.00	0.3
	0.7s	16.00nm			5.1mb					e	03	54.50	148km		1.0s	80.00nm			5.5mb	
KIC	74.01	72	Pc	55	46.64	0.4				iPcP	06	22.90				eS	17	04.00		
	0.7s	42.00nm			5.4mb					iScS	13	45.40		GYA	70.67	304	iPc	08	30.20	0.1
BCAO	92.25	86	iPc	57	20.90	1.1	MOZ	30.75	172	P	03	30.50	-0.9		1.0s	38.00nm			5.2mb	
QLP	112.33	214	iPKPd	02	41.60	-4.1X	TOO	30.92	215	iPd	03	33.60	0.6	BJI	70.96	321	eP	08	31.00	-0.3
	0.5s	64.00nm						0.8s	51.00nm				5.3mb		1.4s	140.00nm			5.6mb	
QIS	119.66	214	ePKP	03	02.20	2.3X				i	06	26.10		TIY	72.00	317	Pc	08	38.00	0.3
	0.3s	3.00nm					BWZ	31.29	176	P	03	35.50	-0.5		1.0s	150.00nm			5.7mb	
		eP	03	31.00			MSZ	31.34	179	P	03	37.50	1.0			pP	09	14.20	148km	
GBA	145.95	116	PKP	03	50.10	1.2	MMCZ	31.71	177	P	03	39.90	0.0	XAN	72.51	312	iPc	08	40.50	-0.2
YAK	147.32	342	iPKPc	03	52.00	2.3X	MHZ	31.78	177	P	03	40.90	0.4		0.8s	50.00nm			5.3mb	
	0.8s	52.00nm					LRCZ	31.79	177	P	03	40.20	-0.4	KMI	73.32	302	Pc	08	46.50	0.6
		i	04	10.00			SBCZ	31.81	177	P	03	41.20	0.5		1.5s	140.00nm			5.5mb	
HYB	149.07	111	ePKP	03	58.90	5.0X	LSCZ	31.84	177	P	03	40.80	-0.1			pP	09	17.50	124kmX	
		e	04	16.00			CMCZ	31.87	177	P	03	41.30	0.1	CHG	74.25	294	iPc	08	51.10	0.0
IPM	151.51	164	ePKPc	04	03.90	6.2X	TLC	31.90	177	P	03	42.10	0.5		1.4s	79.07nm			5.3mb	
	0.5s	14.10nm					WB2	31.97	254	iPd	03	40.80	-1.5	HHC	74.30	320	Pc	08	51.70	0.6
	S.D. = 1.0	on 30 of 40 obs.						0.4s	13.30nm				5.1mb		1.0s	99.00nm			5.5mb	
										iPp	04	13.90	156km	CD2	74.91	307	Pc	08	54.80	0.1
										iPcP	06	28.70			1.2s	93.00nm			5.4mb	
										iScS	09	59.20		BT0	75.14	319	eP	08	56.60	0.7
SEP 04, 1992 13h 57m 28.34±0.11s							WRA	31.98	254	P	03	41.20	-1.2	SPA	76.85	180	iPc	09	06.20	1.1
13.232 S ± 2.4km 167.021 E ± 3.4km							TUZ	32.69	177	P	03	48.70	0.5		0.9s	95.45nm			5.5mb	
DEPTH = 149.8km (20 depth phases)							ASPA	33.01	247	iPc	03	49.30	-2.1	LZH	77.14	312	iPc	09	08.40	1.2
5.4mb (46 obs.)								0.4s	26.30nm				5.3mb		1.5s	190.00nm			5.6mb	
VANUATU ISLANDS (186)								Z	21s	0.70um			4.3Msz	KDC	78.16	21	iPd	09	12.44	0.3
CENTROID, MOMENT TENSOR (HRV)										e	04	21.70	151km		0.9s	18.35nm			4.8mb	
Date Used: GDSN										iPcP	06	31.20				epP	09	48.80	146km	
L.P.B.: 23S, 36C										eS	08	54.30		SVW	79.80	17	eP	09	21.32	0.3
Centroid Location:										iScP	10	02.60			1.4s	56.57nm			5.1mb	
Origin Time 13:57:36.3 0.8										ePcS	10	15.00		REF	80.20	19	eP	09	21.73	-1.6
Lat 12.71S 0.09 Lon 166.85E 0.05										iScS	14	00.90		ANM	80.36	12	eP	09	25.50	1.7
Dep 151.4 1.6 Half-duration 1.1														YAK	80.51	343	iPc	09	24.50	-0.2
Moment Tensor: Scale 10**16 Nm															1.0s	262.00nm			5.9mb	
Mrr=-9.91 0.39 Mtt=-0.09 0.62							MTN	34.95	266	eP	04	08.00	0.0			e	10	10.00	186kmX	
Mff=-9.82 0.63 Mrt=-3.15 0.44							KNA	37.09	261	eP	04	25.70	-0.3			e	19	26.00		
Mrf=-5.30 0.45 Mtf=-2.43 0.63							FORT	39.87	238	iPd	04	49.00	0.1	CRP	80.97	19	eP	09	26.28	-1.0
Principal Axes:								0.4s	22.00nm											

04d 14h

GTA	81.46	314	iPc	09	31.50	1.2	SRO	136.79	329	ePKP	16	34.90	0.2	PGF	145.14	331	ePKP	16	49.00	-0.8
	1.0s	81.00nm				5.4mb	PRU	136.98	334	PKP	16	34.50	-0.5		1.2s	200.55nm				
PMR	82.18	20	iPc	09	33.17	-0.2				e	19	20.50		MNO	145.20	320	PKP	16	50.40	0.2
	1.0s	51.53nm				5.2mb	ZST	137.12	330	iPKP	16	35.70	0.4	LBL	145.25	340	PKP	16	50.84	1.0
MAW	83.17	202	iPc	09	38.80	0.3				e	19	56.00		FRF	145.38	335	ePKP	16	49.80	-0.3
	1.0s	47.00nm				5.3mb	MOX	137.66	337	ePKP	16	36.50	0.2		1.1s	100.60nm				
KLU	83.18	21	iPc	09	38.49	-0.2				e	19	28.00		LRG	145.59	335	ePKP	16	49.60	-0.8
			epP	10	11.32	153km	KHC	138.04	334	PKP	16	37.00	-0.1		1.1s	109.90nm				
TOA	83.53	20	ePc	09	41.60	1.2				e	19	59.50		RJF	145.74	342	ePKP	16	50.40	-0.2
BALM	84.15	22	eP	09	43.58	0.0				e	19	26.50	-11.0X	CAF	145.91	341	ePKP	16	50.90	-0.1
			ipP	10	21.43	150km	GEC2	138.21	334	ePKP	16	31.60			1.1s	47.60nm				
IMA	84.28	15	iPc	09	44.18	0.0				e	16	37.30		LFF	146.30	342	ePKP	16	51.70	0.2
	1.1s	24.24nm				4.9mb	GRF	138.57	336	ePKP	16	39.50	1.5		1.2s	76.15nm				
ORV	84.56	47	eP	09	46.63	0.7				ePg	17	11.10		LPO	146.40	342	ePKP	16	52.00	0.3
			ipP	10	23.78	147km				eSg	17	26.10			1.0s	48.40nm				
LSA	84.57	302	Pc	09	47.60	0.8				e	19	22.50	-4.8X	ITR	146.59	130	ePKP	16	52.40	-0.5
ABL	84.57	52	eP	09	47.24	0.9				e	19	59.90		MTHF	147.51	339	PKP	16	56.94	3.4X
FBA	85.01	18	eP	09	46.86	-0.8				e	19	22.50		BCAO	147.69	257	iPKPd	16	55.00	0.3
	1.3s	117.81nm				5.6mb	SKO	138.64	320	ePKP	16	33.50			0.5s	123.00nm				
			epP	10	25.56	154km				i	19	59.90								
PEC	85.86	54	eP	09	53.11	0.5	PTJ	139.28	329	ePKP	16	25.20	-14.3X	LSPF	147.72	339	PKP	16	57.22	3.3X
PLM	85.92	55	eP	09	54.65	1.6	OHR	139.52	320	ePKP	16	38.50	-1.5	LESF	147.85	340	PKP	16	57.59	3.5X
BONR	86.32	50	eP	09	56.11	1.0	VBY	139.91	329	ePKP	16	32.30	-8.2X	GRBF	147.94	340	PKP	16	57.53	3.2X
GMW	86.78	40	eP	09	57.67	1.0	DOU	140.52	342	PKPc	16	44.30	2.9X	ETER	147.94	338	ePKP	16	58.20	4.0X
			ipP	10	35.38	149km	CDF	141.10	338	ePKP	16	36.00	-6.7X	EGRA	149.12	341	ePKP	17	00.90	4.8X
LON	87.08	41	eP	09	58.31	0.1				1.1s	11.00nm		ECRI	149.36	345	ePKP	17	02.10	5.5X	
			epP	10	36.55	151km	BSF	141.77	338	ePKP	16	38.70	-5.2X	EMON	149.51	352	ePKP	17	02.00	5.3X
RMW	87.35	40	eP	10	00.06	0.5				1.2s	30.65nm		ESEL	150.09	335	ePKP	17	03.60	6.0X	
			ipP	10	38.25	151km	HAU	141.78	339	ePKP	16	37.40	-6.4X	EROQ	150.12	339	ePKP	17	03.90	6.3X
GUN	88.46	299	Pc	10	05.60	-0.1				0.8s	10.05nm		STS	150.21	353	ePKP	17	03.00	5.3X	
	0.9s	51.00nm				5.6mb	FLN	143.09	346	ePKP	16	41.90	-4.1X	ERUA	150.51	351	ePKP	17	04.50	6.3X
PKI	88.77	299	Pc	10	06.80	-0.3				0.8s	35.05nm		ETOR	150.90	343	ePKP	16	58.50	-0.4	
KKN	88.94	299	Pc	10	07.60	-0.2	FIR	143.13	330	ePKP	16	46.00	-0.2	EZAM	150.95	353	ePKP	17	05.40	6.5X
DMN	89.04	299	Pc	10	08.40	0.1	TDS	143.13	321	PKP	16	43.40	-3.0X	ECHE	151.69	340	ePKP	17	00.30	0.2
GKN	89.55	299	Pc	10	10.00	-0.5	BOB	143.21	333	PKP	16	43.70	-2.7X	TOL	152.31	345	ePKP	17	02.30	1.3
DPW	89.77	41	eP	10	10.90	-0.1	LOR	143.25	341	ePKP	16	43.10	-3.3X	EPLA	152.59	348	ePKP	16	59.22	-2.1X
ARUT	89.92	51	(P)	10	13.24	1.2				1.1s	17.10nm		EVIA	153.04	342	ePKP	17	03.18	1.0	
			ipP	10	50.97	148km	MNS	143.43	327	PKP	16	42.00	-4.8X	EALH	153.40	339	ePKP	17	11.00	8.5X
MSU	91.09	51	eP	10	19.78	2.3	LBF	143.47	340	ePKP	16	43.70	-3.1X	EHUE	153.83	341	ePKP	17	01.20	-2.0X
WMO	91.51	315	iPc	10	19.00	-0.1				0.9s	11.95nm		EBAN	153.86	343	ePKP	17	12.10	8.9X	
	1.5s	33.00nm				5.2mb	GRR	143.53	346	ePKP	16	43.20	-3.5X	EHOR	154.56	346	ePKP	17	13.40	9.4X
HVU	91.55	48	eP	10	20.76	1.3				1.1s	35.15nm		ECOG	154.62	342	ePKP	17	07.32	3.0X	
KOD	91.87	280	eP	10	22.50	0.9	SSF	143.55	341	ePKP	16	44.10	-2.7X	EGUA	155.03	342	ePKP	17	04.44	-0.3
HYB	92.45	287	eP	10	33.40	9.6X				1.1s	29.05nm		EVAL	155.12	348	ePKP	17	15.00	10.2X	
	1.0s	50.00nm				5.6mb	LSD	143.62	336	PKP	16	45.17	-2.2X	EPRU	155.37	345	ePKP	17	14.50	9.3X
GBA	92.65	283	P	10	25.40	0.7	LPL	143.74	336	ePKP	16	44.90	-2.6X	EJIF	155.92	345	ePKP	17	16.50	10.5X
LCCM	93.29	44	eP	10	28.60	1.3				0.8s	20.40nm		KIC	169.40	231	PKP	17	19.20	-0.2	
			e	11	06.50	148km	LPG	143.74	336	ePKP	16	45.50	-2.1X							
			e	11	12.40					0.7s	17.85nm		LIC	169.52	229	PKP	17	19.30	-0.2	
YKA	96.33	27	eP	10	39.70	-0.9	PCP	143.78	334	PKP	16	44.66	-2.7X	TIC	169.79	231	PKP	17	19.50	-0.1
	0.7s	2.90nm				4.8mb	SMF	143.81	340	ePKP	16	44.60	-2.7X	KDS	179.00	229	iPKPc	17	22.80	0.5
CNCB	118.01	117	ePKP	16	01.00	0.6				1.6s	87.70nm									
ZOBO	118.10	117	PKP	16	00.30	-0.4	RSP	143.83	335	PKP	16	44.97	-2.6X							
OBN	123.30	328	iPKP	16	08.30	-0.3	AVF	143.84	341	ePKP	16	45.00	-2.3X							
	1.2s	44.00nm								1.1s	27.85nm									
			e	16	09.50		RDP	143.85	327	PKP	16	44.80	-2.8X							
			e	16	27.00		LPF	143.91	346	ePKP	16	44.90	-2.5X							
KAF	123.72	339	iPKP	16	08.60	-0.7				1.0s	53.80nm									
	0.8s	19.80nm					BHB	144.08	335	PKP	16	44.15	-3.7X							
SIV	124.28	120	ePKP	16	12.00	0.2	BNI	144.14	336	PKP	16	47.20	-0.9	PZZ	0.15	304	P	07	34.46	0.5
NUR	125.40	338	ePKP	16	11.90	-0.7	FIN	144.19	334	PKP	16	45.48	-2.6X							
	0.7s	35.00nm					BGF	144.21	341	ePKP	16	46.00	-2.0X							
LMN	125.68	43	ePKP	16	16.00	2.3X				1.0s	56.00nm		STV	0.18	170	P	07	34.46	0.1	
BUL	127.33	232	iPKPc	16	18.00	0.3	RRL	144.21	336	PKP	16	45.68	-2.7X							
	1.0s	22.50nm					SOI	144.26	319	PKP	16	47.00	-1.3	ENR	0.22	152	P	07	35.10	0.1
AKU	127.49	3	iPKPd	16	18.20	1.8	ROB	144.27	334	PKP	16	44.35	-3.9X							
	1.0s	32.00nm					PZZ	144.42	335	PKP	16	45.58	-3.0X	BHB	0.42	358	P	07	38.76	-0.2
KRI	128.40	236	iPKPc	16	21.50	1.7	PLDF	144.48	340	PKP	16	47.89	-0.7							
PPD	128.60	133	ePKP	16	20.00	0.0	ENR	144.52	334	PKP	16	45.58	-3.1X	ROB	0.44	106	P	07	39.43	0.1
REY	128.78	5	ePKP	16	20.30	1.4	STV	144.54	335	PKP	16	45.68	-3.0X							
NB2	129.12	345	PKP	16	19.10	-0.7	AGO	144.56	341	PKP	16	47.79	-0.8	RRL	0.61	325	P	07	42.39	-0.4
	0.8s	18.00nm					IMI	144.57	334	PKP	16	47.22	-1.5							
HFS	129.23	343	ePKP	16	19.40	-0.5	MAF	144.59	341	ePKP	16	47.30	-1.4	IMI	0.67	139	P	07	43.13	-0.6
	0.8s	18.00nm								1.0s	62.80nm		FIN	0.70	107	P	07	44.15	0.0	
HRI	131.49	303	ePKP	16	25.70	0.5	TCF	144.64	342	ePKP	16	47.40	-1.4	PCP	0.91	82	P	07	48.15	0.3
DSI	132.13	301	ePKP	16	26.70	0.3				0.9s	63.20nm									
MBH	132.88	298	ePKP	16	28.30	0.4	SSB	144.76	338	PKP	16	48.69	-0.3							
OJC	134.45	331	ePKP	16	29.00	-1.2	SBF	144.80	334	ePKP	16	47.70	-1.5							
BAO	135.03	129	PKPd	16	32.00	-0.4				0.9s	132.35nm									
			e	16	34.00		COLF	144.85	339											

ULC 0.45 197 iPg 09 12.77 0.5
 iSg 09 20.25
 PVY 0.45 63 iPg 09 12.72 0.3
 iSg 09 20.18
 BDV 0.46 257 iPg 09 12.56 0.1
 iSg 09 19.98
 BCI 0.48 93 ePg 09 12.90 0.0
 NKY 0.53 323 iPg 09 13.58 -0.3
 iSg 09 21.87
 IVA 0.59 36 iPg 09 15.12 -0.1
 iSg 09 23.82
 HCY 0.69 275 iPg 09 16.35 -0.5
 iSg 09 27.05
 LACI 0.78 164 ePg 09 18.00 -0.4
 BRY 0.83 308 iPg 09 18.91 -0.4
 iSg 09 31.62
 PLE 0.94 359 iPg 09 21.22 0.1
 iSg 09 34.87
 SKO 1.55 105 ePn 09 40.00 9.1X
 S.D. = 0.5 on 12 of 13 obs.

* SEP 04, 1992 14h 21m 14.45 ± 0.85s
 38.070 N ± 8.1km 22.116 E ± 8.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.1 (ATH).

AGG 0.97 10 eP 21 33.60 0.8
 VLS 1.21 276 ePb 21 36.90 -0.1
 ATH 1.27 94 ePb 21 37.80 -0.2
 VLI 1.50 154 ePb 21 41.60 0.2
 LIT 2.05 8 eP 21 48.60 -0.8
 S.D. = 0.8 on 5 of 5 obs.

% SEP 04, 1992 14h 38m 35.23 ± 0.50s
 44.380 N ± 4.7km 7:385 E ± 4.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.8 (GEN).

STV 0.14 198 P 38 38.84 0.2
 S 38 41.06
 ENR 0.16 171 P 38 38.87 0.0
 S 38 41.38
 PZZ 0.24 302 P 38 40.48 0.1
 S 38 44.38
 ROB 0.36 104 P 38 42.84 0.2
 S 38 48.07
 BHB 0.47 349 P 38 44.46 -0.3
 S 38 50.92
 IMI 0.59 142 P 38 47.16 -0.1
 FIN 0.62 106 P 38 46.94 -0.7
 S 38 55.78
 RRL 0.69 322 P 38 49.10 0.1
 PCP 0.85 79 P 38 52.28 0.7
 S.D. = 0.4 on 9 of 9 obs.

* SEP 04, 1992 15h 02m 58.26s
 36.144 N 117.870 W
 DEPTH = 3.0km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <PAS-P>. ML 4.1 (BRK). 3.9
 (PAS), 3.8 (GS).

ISA 0.69 226 eP 03 10.95 -1.0
 iS 03 20.46
 TPNV 1.53 58 ePn 03 26.24 -0.5
 ABL 1.70 221 ePc 03 28.98 -0.2
 FRI 1.70 300 iPc 03 28.98 0.0
 iS 03 50.82
 PKEM 1.82 268 eP 03 31.70 1.1
 BONR 1.84 349 iPd 03 31.19 -0.1
 SSK 1.93 176 ePn 03 31.60 -0.9
 S 04 00.48
 TNP 2.00 15 ePn 03 32.65 -0.9
 iPg 03 35.61
 BCH 2.04 243 ePn 03 33.09 -0.9
 iPg 03 34.29
 PHAM 2.07 262 ePn 03 33.23 -1.2
 iPg 03 34.77
 PRI 2.26 271 iPc 03 37.75 0.5
 eS 04 07.89
 PEC 2.32 165 ePn 03 36.45 -1.6
 ePg 03 41.22
 eS 04 12.75
 LLA 2.52 282 ePc 03 41.10 0.2
 eS 04 12.96

PRS 2.84 275 iPc 03 45.67 0.3
 PLM 2.91 163 ePn 03 45.09 -1.4
 iPg 03 51.81
 KVN 2.91 356 ePn 03 47.59 1.1
 SAO 2.95 283 iPd 03 47.54 0.6
 ARN 3.18 293 ePn 03 50.27 0.1
 GCC 3.44 286 ePc 03 54.06 0.2
 ARUT 3.91 64 ePn 03 59.22 -1.5
 ePg 04 10.73
 ZSP 3.94 298 iPc 04 01.55 0.6
 GLA 3.98 140 ePn 03 58.15 -3.4
 ORV 4.46 321 eP 04 09.13 0.9
 S 05 15.85
 LBFM 6.07 330 (P) 04 31.81 0.5
 SRU 6.54 61 (P) 04 39.98 2.0
 DAU 6.72 49 (P) 04 43.43 2.8
 26 obs. associated

SEP 04, 1992 15h 42m 21.74 ± 0.40s
 38.819 N ± 4.2km 25.297 E ± 3.0km
 DEPTH = 10.0km (geophysicist)
 4.4mb (1 obs.)
 AEGEAN SEA (365)
 ML 4.0 (ATH). MD 3.8 (THE).

PRK 0.87 60 ePn 42 40.10 1.6
 EZN 1.28 38 iPn 42 45.70 0.2
 ATH 1.50 236 ePn 42 47.40 -1.3
 PAIG 1.67 312 ePb 42 50.54 -0.6
 eSb 43 16.34
 OUR 1.82 327 ePb 42 53.30 0.0
 ALN 2.15 15 ePn 42 57.82 -0.3
 AGG 2.32 276 ePn 42 59.86 -0.8
 SOH 2.50 324 ePn 43 02.82 -0.3
 EDC 2.50 52 iPn 43 03.20 0.1
 LIT 2.52 301 iPnc 43 02.90 -0.5
 BNT 2.54 52 iPn 43 04.10 0.4
 THE 2.55 316 ePn 43 03.62 -0.2
 SRS 2.64 331 ePn 43 04.50 -0.7
 DST 2.70 72 iPn 43 07.10 1.0
 KCT 2.76 58 iPn 43 07.60 0.7
 VLI 2.81 222 ePn 43 06.10 -1.4
 KDZ 2.83 2 iP 43 07.00 -0.8
 RZN 2.90 351 iPc 43 08.00 -1.0
 KNT 2.98 323 ePn 43 09.78 -0.1
 MMB 3.02 337 iPc 43 09.00 -1.4
 GRG 3.09 315 ePn 43 11.50 0.1
 KZN 3.10 300 ePn 43 11.80 0.1
 DIM 3.23 3 eP 43 13.00 -0.5
 PLD 3.31 352 iPd 43 15.00 0.4
 KHL 3.35 97 ePn 43 17.00 1.7
 KKB 3.48 332 iPc 43 17.00 0.0
 DMK 3.54 31 iPn 43 17.20 -0.6
 NPS 3.56 176 ePn 43 15.70 -2.4
 YLV 3.60 60 iPn 43 18.60 -0.2
 ISK 3.66 51 ePn 43 20.00 0.4
 VLS 3.75 262 ePn 43 21.50 0.6
 JMB 3.77 15 eP 43 22.00 0.8
 PGB 3.83 347 iP 43 21.00 -1.0
 LSK 3.87 292 ePn 43 26.00 3.3X
 VTS 4.09 338 iPc 43 27.00 1.2
 EYL 4.14 64 ePn 43 26.00 0.2
 OHR 4.15 305 ePn 43 28.50 2.0
 ELL 4.20 118 ePn 43 31.00 3.7X
 SRN 4.24 286 ePn 43 29.20 1.4
 SKO 4.31 318 iPn 43 28.40 -0.4
 1.0s 69.00nm
 TPE 4.34 292 ePn 43 32.00 2.7
 KEK 4.36 284 ePn 43 31.20 1.7
 PVL 4.39 0 iP 43 28.00 -2.0
 GYN 4.47 68 eP 43 31.00 -0.1
 eS 44 48.50
 BERA 4.53 296 ePn 43 35.50 3.6X
 VLO 4.77 292 ePn 43 37.30 1.9
 TIR 4.87 303 ePn 43 40.00 3.2X
 SGKT 5.50 69 eP 43 46.00 0.1
 eS 45 24.00
 DVR 5.66 63 eP 43 47.00 -1.0
 eS 45 28.00
 DRA 5.91 353 ePd 43 50.00 -1.3
 MTUR 6.41 359 eP 44 06.00 7.5X
 MLR 6.69 4 ePc 44 01.50 -1.0
 CVO 7.03 5 eP 44 07.50 0.3
 VRI 7.13 8 eP 44 03.50 -5.0X
 CSS 7.50 118 eP 44 21.00 7.2X
 BCAA 34.77 192 ePc 49 15.00 0.5

0.5s 3.00nm 4.4mb
 S.D. = 1.1 on 49 of 56 obs.

* SEP 04, 1992 16h 16m 07.21 ± 0.71s
 11.497 N ± 11.7km 88.176 W ± 11.4km
 DEPTH = 10.0km (geophysicist)
 4.9mb (6 obs.) 3.5msz (1 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

PBJ 8.56 306 (P) 18 12.50 -1.7
 TPM 12.87 307 (P) 19 13.50 0.3
 SDV 17.46 97 eP 20 11.20 -1.5
 TOV 18.15 94 eP 20 24.80 3.6X
 UYO 23.28 347 iPd 21 18.20 2.2
 PWLA 23.38 0 eP 21 16.24 -0.7
 JSC 23.54 14 eP 21 18.64 0.2
 GBTN 24.33 8 eP 21 27.70 1.6
 TKL 24.38 9 eP 21 27.26 0.6
 TUL 25.27 345 eP 21 34.10 -1.0
 1.0s 33.10nm 5.0mb
 Z 20s 0.15um 3.5msz

LNO 25.27 345 eP 21 34.00 -1.0
 CEH 25.64 17 eP 21 39.95 1.3
 0.7s 21.71nm 5.0mb
 ELC 25.69 358 eP 21 38.86 -0.3
 ACO 26.97 340 iPd 21 50.40 -0.6
 ZOBO 33.99 144 P 22 55.00 0.9
 Z 24s 0.10um 3.5mszX

BW06 36.29 333 eP 23 13.00 -0.1
 1.0s 2.50nm 4.0mb
 Pcp 25 36.50
 SIV 38.28 135 P 23 31.40 1.6
 e 32 52.00
 e 48 56.00

ULM 39.16 352 eP 23 37.50 0.8
 LMN 39.60 26 eP 23 43.50 3.0X
 LCCM 39.73 334 eP 23 42.30 0.5
 ORV 40.64 319 eP 23 51.55 2.4
 LBFM 41.91 321 eP 24 01.32 1.5
 SES 43.10 339 eP 24 09.00 -0.2
 BAO 48.05 123 e(P) 24 48.00 -1.2
 YKA 54.34 345 eP 25 33.40 -2.6
 0.9s 6.60nm 4.7mb

MBC 66.86 352 eP 27 00.00 -1.1
 1.0s 7.00nm 4.8mb
 CRP 67.59 332 eP 27 05.34 -0.8
 REF 67.62 331 eP 27 06.01 -0.3
 SVW 69.16 331 eP 27 15.02 -0.7
 1.6s 62.40nm 5.5mb

Pcp 27 58.40
 WB2 138.31 253 ePKP 35 31.60 -3.9X
 0.7s 1.70nm
 HYB 148.42 25 ePKP 35 56.00 3.1X
 CHG 149.07 347 ePKP 35 58.00 4.1X
 GBA 151.27 30 PKP 36 03.50 6.3X
 S.D. = 1.3 on 27 of 33 obs.

* SEP 04, 1992 16h 34m 49.53 ± 2.33s
 5.993 S ± 11.6km 105.713 E ± 13.8km
 DEPTH = 99.4 ± 21.2 km
 4.8mb (9 obs.)
 SUNDA STRAIT (276)

KGM 8.31 343 ePd 36 50.30 1.3
 IPM 11.50 336 ePc 37 31.00 -1.0
 e 40 08.60
 NNT 19.39 342 eP 39 08.40 -2.0
 KHT 21.82 341 eP 39 36.00 1.0
 NST 22.22 346 eP 39 41.00 2.0
 KNA 24.60 115 eP 40 01.70 -0.3
 QIZ 25.19 9 P 40 11.00 3.5X

N 11s 0.94um
 E 10s 0.80um
 eS 44 37.00
 CHG 25.54 345 eP 40 10.00 -0.7
 KMI 31.06 355 eP 41 03.60 3.0X
 Z 10s 2.50um 5.2mszX
 N 10s 2.10um
 E 10s 0.60um

pP 41 09.50 21kmX
 WB2 31.09 119 iPc 40 59.80 -0.9
 0.4s 9.70nm 4.9mb
 GYA 32.27 2 P 41 10.20 -0.8
 ASPA 32.31 126 iPc 41 10.50 -0.8

04d 16h

1.4s 18.10nm 4.6mb
 e 43 58.90
 eS 46 25.10
 GBA 34.17 305 P 41 23.80 -3.6X
 QIS 35.92 117 eP 41 41.30 -0.9
 0.4s 7.00nm 4.9mb
 CD2 36.74 357 eP 41 54.50 5.5X
 E 10s 1.02um
 LZH 41.89 358 eP 42 32.00 0.2
 Z 13s 0.65um 4.7MszX
 E 10s 0.74um
 STK 42.26 132 iPd 42 35.40 0.7
 0.5s 14.60nm 5.1mb
 TIY 43.93 8 eP 42 48.50 0.3
 Z 18s 0.73um 4.6Msz
 N 13s 0.83um
 CMS 45.27 129 eP 43 00.00 1.0
 0.9s 4.00nm 4.2mb
 GTA 45.50 354 eP 43 00.00 -0.8
 Z 12s 0.60um 4.8MszX
 N 10s 0.39um
 RMQ 45.78 121 eP 43 03.00 -0.1
 0.5s 5.00nm 4.6mb
 BTO 46.53 5 eP 43 11.00 2.1
 N 12s 0.51um
 E 13s 0.32um
 HHC 46.92 6 P 43 12.60 0.6
 Z 16s 1.23um 5.0MszX
 N 11s 0.44um
 E 10s 0.38um
 TOO 47.91 137 eP 43 22.00 2.3X
 CAN 49.33 132 eP 43 31.20 0.5
 WMQ 52.19 344 eP 43 50.00 -2.3
 Z 10s 0.28um 4.6MszX
 MAIO 60.34 318 eP 44 47.00 -3.5X
 KRI 75.01 254 eP 46 23.80 1.2
 BUL 75.87 251 eP 46 26.70 -0.7
 OBN 83.17 327 eP 47 04.50 -1.1
 1.4s 54.00nm 5.3mb
 i 47 07.00
 e 47 08.20
 i 47 11.00
 LR 41 08.00
 VRI 86.64 317 eP 47 21.00 -2.2
 MLR 87.10 316 ePc 47 34.50 8.9X
 BCAO 87.66 275 iPd 47 29.20 0.4
 0.9s 14.00nm 5.0mb
 i 47 36.00
 GEC2 95.79 318 eP 48 07.50 1.6
 1.4s 3.40nm 4.7mb
 BAO 146.24 230 e(PKP) 54 24.00 4.1X
 e 54 32.00
 UYO 146.31 31 iPKPd 54 20.90 1.5
 IIT 153.26 59 (PKP) 54 50.00 19.3X
 IISM 154.07 58 (PKP) 54 35.00 3.6X
 SIV 154.54 211 (PKP) 54 48.00 15.8X
 OXX 155.44 61 (PKP) 54 16.00 -17.6X
 ZOBO 157.04 195 PKP 54 41.00 4.7X
 S.D. = 1.3 on 28 of 41 obs.

SEP 04, 1992 16h 51m 54.24±0.37s
 12.041 N ± 6.6km 88.269 W ± 5.9km
 DEPTH = 10.0km (geophysicist)
 5.1mb (16 obs.) 4.5Msz (4 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

TPX 4.82 307 (P) 53 08.75 0.2
 PBJ 8.18 303 (P) 53 55.50 -0.4
 ACX 12.21 295 (P) 54 52.50 1.3
 TPM 12.48 305 (P) 54 54.50 -0.5
 IIT 12.51 302 (P) 54 57.00 1.6
 UNX 12.76 306 (P) 55 01.00 2.1
 MRX 14.57 303 (P) 55 20.00 -2.5
 COLM 16.46 297 (P) 55 51.00 4.0X
 SDV 17.62 99 eP 56 02.90 1.1
 TOV 18.28 95 eP 56 12.10 2.3
 PWLA 22.84 0 ePc 56 58.75 0.1
 JSC 23.04 15 ePc 57 02.07 1.4
 e 57 10.18
 LHS 23.35 16 iPd 57 04.93 1.3
 e 57 12.90
 OLY 23.54 353 eP 57 05.63 0.2
 GBTN 23.81 8 eP 57 08.73 0.6
 TKL 23.86 9 iPd 57 09.84 1.2
 MEQ 24.51 339 iPd 57 14.50 -0.4
 FKO 24.55 342 iPd 57 15.50 0.2
 FNO 24.55 342 iPd 57 15.10 -0.2

TUL 24.72 345 eP 57 16.40 -0.5
 0.8s 52.20nm 5.2mb
 Z 20s 0.46um 4.0Msz
 e 57 18.80
 S 57 24.40
 S 02 02.00
 LR 04 42.00
 LNO 24.72 345 eP 57 16.20 -0.6
 OCO 24.82 342 iPd 57 18.80 0.8
 RRO 25.04 340 iPd 57 20.50 0.4
 ELC 25.15 358 ePc 57 20.36 -0.7
 CEH 25.15 18 eP 57 21.96 0.9
 1.0s 83.57nm 5.4mb
 FVM 25.91 356 eP 57 26.66 -1.5
 0.7s 21.45nm 4.9mb
 BLA 26.04 14 eP 57 30.00 0.6
 0.7s 42.27nm 5.2mb
 i 57 37.61
 NAV 26.05 14 P 57 29.83 0.3
 ACO 26.43 340 iPd 57 32.30 -0.8
 CBN 27.81 19 iPd 57 46.20 0.6
 0.7s 18.00nm 5.0mb
 e 58 33.00
 LVNJ 31.02 20 ePc 58 14.19 -0.1
 i 58 21.54
 GOL 31.43 334 eP 58 17.99 -0.3
 0.8s 16.94nm 5.0mb
 i 58 24.80
 PLM 33.66 314 eP 58 37.74 0.1
 EMUT 34.09 328 (P) 58 43.02 1.6
 RSNY 34.47 17 eP 58 43.47 -0.9
 0.8s 26.77nm 5.2mb
 e 58 51.35
 ZOBO 34.48 144 P 58 45.20 -0.2
 Z 18s 0.76um 4.5Msz
 S 04 26.00
 LR 10 16.00
 LPB 34.70 144 eP 58 59.00 12.0X
 SSK 34.70 314 (P) 58 55.00 8.4X
 CNCB 34.98 145 P 58 50.00 0.4
 EEO 35.35 11 eP 58 54.00 2.2
 BW06 35.77 333 eP 58 54.29 -1.4
 CCH 36.50 143 eP 59 10.00 7.8X
 BONR 37.21 319 eP 59 09.27 1.3
 HHA1 37.48 331 (P) 59 09.82 -0.1
 ULM 38.61 352 eP 59 20.00 0.8
 SIV 38.73 135 P 59 21.80 1.2
 LBFM 41.43 321 eP 59 43.20 0.3
 FHC 42.45 319 eP 59 51.75 0.7
 0.9s 22.71nm 4.9mb
 JAQ 42.84 11 ePc 59 52.00 -2.0
 BAO 48.43 124 e(P) 00 36.90 -2.2
 e 00 39.00
 e 00 44.00
 e 00 48.00
 BDF 48.51 124 P 00 40.10 0.3
 e 00 49.00
 e 00 53.00
 PPD 49.61 133 eP 00 47.40 -0.6
 VAO 53.37 131 (P) 01 16.00 -0.5
 ITR 53.69 110 eP 01 17.40 -1.5
 YKA 53.80 345 eP 01 17.30 -1.7
 0.9s 15.20nm 5.0mb
 BALM 62.58 334 eP 02 19.68 -1.1
 KLU 64.34 333 eP 02 31.16 -1.1
 PMR 65.81 333 eP 02 41.56 0.0
 0.3s 5.67nm 5.2mb
 MBC 66.31 352 eP 02 43.50 -1.1
 1.0s 13.00nm 5.1mb
 CRP 67.07 332 eP 02 47.92 -2.0
 REF 67.10 331 eP 02 53.71 3.6X
 CPKM 67.11 332 eP 02 49.07 -1.1
 EKA 77.42 36 P 03 49.00 -2.1
 3.0s 260.80nm 5.8mb
 ADK 79.66 321 eP 04 04.90 1.4
 0.5s 24.79nm 5.5mb
 KIC 82.39 85 P 04 19.70 1.1
 NB2 84.11 29 P 04 25.40 -1.1
 0.7s 1.80nm 4.4mb
 HFS 85.53 29 eP 04 31.70 -1.9
 0.8s 4.70nm 4.7mb
 Z 19s 0.17um 4.5Msz
 LR 35 31.00
 KHC 88.60 40 eP 04 47.50 -1.4
 Z 18s 0.40um 4.9Msz
 N 18s 0.10um
 E 18s 0.40um

e 05 01.00
 GEC2 88.76 40 ePKP 04 47.80 -1.9
 0.8s 0.98nm 4.2mb
 e 04 54.10
 e 05 01.20
 e 05 13.20
 LZH 130.79 347 ePKP 11 17.00 8.9X
 1.8s 27.00nm
 sP 11 34.00
 WB2 138.37 254 iPKPd 11 22.80 0.1
 1.2s 3.60nm
 ASPA 138.38 248 ePKP 11 30.80 8.2X
 0.7s 5.10nm
 GKN 139.61 10 PKP 11 26.08 1.2
 0.6s 15.00nm
 GUN 139.88 8 PKP 11 27.26 1.6
 0.9s 46.00nm
 KKN 139.92 9 PKP 11 26.46 0.9
 0.7s 25.00nm
 DMN 140.07 9 PKP 11 25.92 0.1
 PKI 140.15 9 PKP 11 26.14 0.0
 HYB 147.97 24 ePKPd 11 42.00 2.8X
 1.0s 100.00nm
 e 11 49.00
 CHG 148.53 347 ePKP 11 42.00 1.9X
 1.2s 31.25nm
 MUN 149.99 225 ePKP 11 47.00 5.1X
 GBA 150.84 30 PKP 11 45.10 1.5
 NST 151.24 343 ePKP 11 51.00 6.8X
 MBL 151.62 248 ePKP 11 50.50 5.8X
 KOD 153.72 33 ePKP 11 57.00 8.8X
 S.D. = 1.2 on 71 of 84 obs.

? SEP 04, 1992 17h 21m 56.58±0.99s
 41.197 N ± 7.3km 20.156 E ± 8.9km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.4 (TIR).

TIR 0.27 304 iPd 22 02.00 -0.2
 iSg 22 06.20
 OHR 0.49 100 ePg 22 10.20 3.6X
 eSg 22 19.50
 BERA 0.52 198 ePg 22 07.10 0.0
 LACI 0.55 323 ePg 22 08.00 0.2
 SKO 1.24 51 ePn 22 19.50 0.0
 eSg 22 41.00
 S.D. = 0.3 on 4 of 5 obs.

* SEP 04, 1992 17h 48m 01.64±0.56s
 36.392 N ± 14.0km 71.101 E ± 11.2km
 DEPTH = 33.0km (normol)
 4.8mb (10 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG.(717)

NDI 9.26 144 iP 50 16.20 0.4
 iS 51 51.90
 MAIO 9.37 273 eP 50 16.00 -1.4
 0.8s 9.15nm 5.0mb
 eS 51 51.00
 GKN 14.18 122 P 51 21.18 -1.1
 0.4s 31.00nm 5.3mb
 DMN 14.75 122 P 51 29.58 -0.3
 0.6s 31.00nm 4.9mb
 KKN 14.75 122 P 51 29.26 -0.6
 0.5s 28.00nm 5.0mb
 PKI 14.98 122 P 51 32.26 -0.7
 0.4s 27.00nm 4.9mb
 GUN 15.09 120 P 51 35.12 0.7
 0.5s 37.00nm 4.9mb
 GBA 23.39 164 P 53 10.30 1.9
 S 57 06.30
 KAF 37.76 327 eP 55 17.00 1.1
 0.4s 2.70nm 4.5mb
 NUR 37.96 324 iP 55 18.40 0.8
 0.4s 4.30nm 4.7mb
 HFS 43.20 322 eP 56 00.70 -0.1
 0.7s 3.30nm 4.2mb
 NB2 44.52 323 P 56 10.90 -0.6
 0.7s 3.30nm 4.3mb
 S.D. = 1.1 on 12 of 12 obs.

? SEP 04, 1992 20h 25m 26.38±2.19s
 9.793 N ± 14.4km 126.825 E ± 24.1km
 DEPTH = 10.0km (geophysicist)
 MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.66 200 ePd 25 55.00 -0.6
iS 26 12.50
PLP 2.27 307 ePd 26 04.30 -0.2
eS 26 35.00
CGP 2.49 238 eP 26 08.00 0.4
eS 26 38.00
MAP 2.85 281 ePd 26 17.80 5.1X
WARB 35.76 180 eP 32 28.00 0.4
S.D. = 0.9 on 4 of 5 obs.

SEP 04, 1992 20h 52m 35.08±0.53s
9.559 S ± 7.5km 123.951 E ± 9.5km
DEPTH = 33.0km (normol)
4.4mb (4 obs.)

TIMOR REGION, INDONESIA (289)

KNA 7.74 143 eP 54 27.70 -0.6
eS 55 52.00
MTN 7.76 116 eP 54 28.70 0.0
0.4s 175.00nm 6.5mb X
eS 55 56.00
MBL 12.20 198 eP 55 29.50 0.0
WB2 14.41 137 iPc 55 55.40 -3.3X
0.8s 10.70nm 4.5mb
eS 58 29.90

NANU 15.24 211 eP 56 11.00 1.4
WARB 16.73 172 eP 56 28.00 -0.7
ASPA 16.95 147 iPc 56 31.50 0.1
0.6s 19.70nm 4.4mb
iS 59 31.80
QIS 18.64 128 eP 56 52.50 0.1
0.6s 17.00nm 4.4mb
eS 00 08.30

WWKK 20.40 75 eP 57 15.50 3.3X
MAT 47.78 16 (P) 01 13.00 1.8
GUN 52.39 316 P 07 47.14 0.1
PKI 52.49 316 P 01 45.92 -1.9
KKK 52.72 316 P 01 50.30 1.0
DMN 52.73 316 P 01 45.90 -3.5X
GKN 53.30 316 P 01 52.34 -1.2
YAK 71.49 3 iPc 03 54.00 -0.1
0.8s 26.00nm 5.3mb

CNCB 151.27 156 PKP 12 32.90 10.7X
S.D. = 1.1 on 13 of 17 obs.

* SEP 04, 1992 21h 03m 49.99±1.56s
9.719 N ± 6.4km 126.665 E ± 14.1km
DEPTH = 40.8 ± 13.0 km
4.6mb (7 obs.) 4.1MsZ (1 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.54 195 iPd 04 15.00 -0.4
iS 04 32.00
PLP 2.19 311 ePd 04 25.20 0.4
iS 04 53.50
CGP 2.32 237 eP 04 26.50 0.0
eS 04 57.50
MAP 2.71 283 iPd 04 37.20 5.1X
eS 05 05.20

DAV 2.83 203 eP 04 40.90 7.2X
NJ2 23.37 343 Pd 08 57.60 1.8
KGM 24.44 253 eP 09 07.00 0.7
IPM 25.94 260 ePc 09 21.60 1.0
XAN 29.17 329 eP 09 47.50 -2.3
WB2 30.43 166 eP 10 01.10 0.0
0.5s 1.50nm 4.0mb
TIY 30.68 338 eP 10 03.00 -0.2
Z 18s 0.37um 4.1MsZ
E 11s 0.19um

BJI 31.61 345 eP 10 12.00 0.8
Z 24s 0.32um 3.9MsZ
QIS 32.67 157 eP 10 20.00 -0.7
0.7s 5.00nm 4.5mb
HHC 33.77 339 P 10 30.90 0.7
1.0s 20.00nm 5.0mb

ASPA 33.93 168 eP 10 36.10 4.5X
0.4s 2.80nm 4.5mb
e 11 52.70

BTO 34.11 337 eP 10 33.00 -0.2
WARB 35.69 180 eP 10 47.00 0.4
GTA 38.05 325 eP 11 05.00 -1.5
Z 16s 0.57um 4.5MsZ

MRWA 40.05 195 eP 11 23.00 -0.1
MUN 42.65 193 eP 11 45.00 0.6
GBA 48.31 280 P 12 29.10 -0.6
MAIO 65.93 305 eP 14 33.00 -1.4
KAF 86.29 332 eP 16 28.80 0.2

0.4s 2.40nm 4.8mb
NUR 87.47 331 eP 16 34.00 -0.3
0.8s 10.00nm 5.1mb
HFS 92.71 333 eP 17 00.20 1.3
0.4s 0.90nm 4.6mb
S.D. = 1.0 on 22 of 25 obs.

% SEP 04, 1992 21h 26m 50.63±0.61s
40.566 N ± 5.7km 23.414 E ± 6.0km
DEPTH = 10.0km (geophysicist)

GREECE (364)

MD 2.0 (THE).

SOH 0.26 350 ePg 26 56.18 0.0
eSg 27 00.30
THE 0.35 281 ePg 26 57.82 0.0
eSg 27 02.22

OUR 0.49 118 ePg 27 00.98 0.4
eSg 27 07.42
SRS 0.57 14 ePg 27 01.93 -0.2
eSg 27 11.06

PAIG 0.67 162 ePg 27 03.53 -0.4
eSg 27 14.06
KNT 0.71 327 ePg 27 04.50 -0.2
eSg 27 13.90

GRG 0.86 297 ePg 27 07.58 0.3
S.D. = 0.3 on 7 of 7 obs.

SEP 04, 1992 22h 48m 10.75±0.28s
8.522 S ± 6.3km 112.507 E ± 7.7km
DEPTH = 33.0km (normol)
4.9mb (15 obs.)

JAWA, INDONESIA (277)

NANU 14.26 169 eP 51 27.50 -4.9X
eS 53 51.00
MBL 14.42 151 eP 51 29.30 -5.2X
0.3s 19.00nm 5.1mb
eS 53 53.00

KNA 17.44 116 eP 52 14.00 0.8
MTN 18.79 105 eP 52 30.00 0.0
MEEK 18.93 163 iPd 52 30.60 -1.0
eS 55 43.50

MRWA 20.85 171 eP 52 54.00 1.7
eS 56 30.00
WARB 22.11 144 eP 53 05.00 -0.1
eS 57 01.00

KLB 23.47 169 eP 53 30.00 11.7X
eS 57 34.00
MUN 23.59 172 eP 53 32.00 12.5X
eS 57 35.00

COOL 23.67 161 eP 53 33.00 12.7X
eS 57 33.00
WB2 23.99 121 iPd 53 23.40 -0.1
0.5s 15.50nm 4.8mb

ASPA 25.42 129 iPc 53 37.30 0.1
0.9s 17.40nm 4.7mb
eS 58 24.80
FORT 26.48 149 eP 53 47.00 0.1
QIS 28.77 118 iPd 54 06.90 -1.0

0.6s 3.00nm 4.2mb
STK 35.64 135 iPc 55 07.00 -0.7
0.5s 16.00nm 5.2mb
e 57 34.70

CD2 40.09 348 Pd 55 46.60 1.5
GBA 41.18 302 P 55 53.80 -0.3
TOO 41.53 139 eP 55 58.80 2.0
e 56 16.00

LSA 43.20 332 iPd 56 12.60 1.5
GUN 44.44 325 P 56 21.18 0.2
0.5s 31.00nm 5.4mb

PKI 44.45 325 P 56 21.38 0.3
DMN 44.65 324 P 56 22.00 -0.6
KKK 44.69 325 P 56 21.58 -1.3
LZH 45.11 350 eP 56 27.50 1.5

1.5s 27.00nm 4.9mb
GKN 45.22 324 P 56 26.66 -0.3
TIY 45.99 360 eP 56 33.80 1.0
BTO 48.93 357 eP 56 56.00 0.2

GTA 49.12 347 eP 56 57.50 0.1
1.0s 9.00nm 4.8mb
PcP 58 20.50

HHC 49.13 359 eP 56 58.00 0.6
MAT 50.91 27 eP 57 10.00 -1.0
CN2 53.38 12 eP 57 28.00 -1.3
1.0s 6.10nm 4.5mb

MDJ 55.10 15 eP 57 41.00 -0.9

1.0s 15.00nm 5.0mb
WMO 56.75 339 P 57 54.00 0.0
1.0s 8.10nm 4.7mb
KSH 58.52 327 P 58 06.00 -0.5
MAIO 66.80 315 eP 59 01.00 -0.6
YAK 71.59 8 iPd 59 25.50 -4.9X
1.0s 55.00nm 5.5mb

BUL 81.42 251 iPd 00 27.00 0.4
1.0s 10.00nm 4.8mb

MBH 83.60 301 eP 00 38.00 0.4
JVI 83.72 303 eP 00 38.70 0.6
ADI 84.10 305 eP 00 41.00 1.0
BCAO 94.57 274 iPc 01 30.20 0.1
0.5s 8.00nm 5.4mb

KAF 95.69 332 eP 01 34.00 -0.1
0.9s 5.90nm 5.0mb

KIC 117.79 273 PKP 06 55.10 -1.4
LIC 118.06 273 PKP 06 55.40 -1.6
TIC 118.10 273 PKP 06 55.60 -1.5
UYO 144.42 40 iPKPd 07 43.40 -2.4X
BAO 149.19 219 PKPd 07 58.30 4.1X
e 07 59.10
e 08 32.80

CNCB 154.83 179 ePKP 08 13.00 10.2X
S.D. = 1.0 on 39 of 48 obs.

* SEP 04, 1992 23h 12m 34.08s
57.610 N 142.831 W
DEPTH = 10.0km (geophysicist)

GULF OF ALASKA (15)
<AEIC>. ML 2.6 (AEIC), 2.8 (PGC).

KAIM 2.47 341 eP 13 10.02 -4.9
eS 13 36.20
WRG 2.47 9 eP 13 09.84 -5.2
CYK 2.49 4 eP 13 10.36 -4.8
eS 13 37.71

SNH 2.58 360 eP 13 11.44 -5.1
eS 13 40.74
MID 2.59 316 P 13 10.60 -6.1
PNL 2.74 40 iP 13 13.37 -5.5
eS 13 43.40

HON 2.78 47 eP 13 13.53 -5.9
S 13 44.76
YAH 2.82 11 iP 13 15.34 -4.9
PCA 2.83 27 eP 13 15.07 -5.2

HMT 2.83 345 eP 13 14.99 -5.2
S 13 46.65
WAX 2.85 360 eP 13 14.73 -5.8
BCPM 2.88 34 eP 13 15.48 -5.4
eS 13 48.10

RAGM 2.94 342 eP 13 15.96 -5.8
SGAM 3.15 338 eP 13 18.83 -5.8
eS 13 54.70

TGL 3.16 0 eP 13 19.21 -5.6
CROM 3.16 357 eP 13 19.24 -5.7
CVA 3.31 334 eP 13 20.80 -6.1
HIN 3.38 327 eP 13 21.57 -6.4

BALM 3.45 4 eP 13 23.54 -5.4
CTGM 3.45 12 eP 13 23.81 -5.3
MTU 3.46 316 eP 13 22.14 -6.9
FID 3.67 331 eP 13 27.38 -4.7

KNIM 3.74 319 eP 13 25.51 -7.6
PLBC 3.86 59 P 13 29.00 -5.8
S 14 11.80

GLB 3.88 353 eP 13 28.18 -6.9
GLI 3.94 328 eP 13 31.02 -4.9
KLU 4.20 339 eP 13 33.18 -6.5
SEW 4.25 309 eP 13 32.20 -8.0

MPA 4.44 313 eP 13 35.31 -7.6
PTE 4.56 318 eP 13 36.92 -7.7
SLKM 4.79 310 eP 13 40.45 -7.6
CNPM 4.80 297 eP 13 40.36 -7.8

SML 5.05 329 eP 13 45.55 -6.1
REF 5.85 304 eP 13 55.42 -7.7
SPU 5.92 311 eP 13 56.30 -7.6
35 obs. associated

* SEP 04, 1992 23h 21m 33.69±1.22s
52.395 N ± 9.4km 179.335 E ± 8.5km
DEPTH = 182.7 ± 10.2 km
4.5mb (14 obs.)

RAT ISLANDS, ALEUTIAN ISLANDS (6)

ADK 2.51 100 iP 22 17.45 0.5
SVW 16.17 48 (P) 25 10.31 -1.6

04d 23h

0.8s	31.72nm	4.8mb	VBV	0.67	135	iPg	00	58.30	0.0	HCY	2.32	311	iPnc	12	40.16	-0.7													
TTA	16.77	41 iP	25	19.31	0.2	PTJ	0.96	94	iPg	01	08.00		iSn	13	09.73														
1.0s	26.20nm	4.6mb	FVI	1.39	297	P	01	03.10	-0.3	NKY	2.33	324	iPnd	12	41.68	0.5													
KDC	16.92	60 eP	25	19.35	-1.6								iSn	13	12.33														
0.5s	14.56nm	4.6mb	KBA	1.40	323	eSg	01	10.50	0.0	PAIG	2.38	114	ePn	12	41.24	-0.5													
REF	17.34	51 iP	25	26.33	0.3					VTs	2.42	46	iP	12	43.00	0.5													
CPKM	17.78	49 eP	25	31.30	0.6					OUR	2.46	103	ePn	12	43.12	0.3													
CRP	17.81	49 iPc	25	31.63	0.6					BRY	2.61	320	iPnd	12	44.75	-0.4													
SLKM	18.53	52 eP	25	38.29	-0.3								iSn	13	18.02														
IMA	19.22	34 eP	25	44.35	-1.3	S.D. = 0.4 on 8 of 8 obs.										PLE	2.63	336	iPnd	12	46.91	1.6							
1.0s	12.75nm	4.3mb	% SEP 05, 1992 01h 02m 21.65±0.71s													VLS	2.76	184	ePn	12	46.50	-0.7							
PMR	19.30	49 eP	25	48.05	1.7	42.421 N ± 6.7km 19.431 E ± 5.5km													RZN	3.01	74	eP	12	52.00	1.2				
0.3s	6.55nm	4.6mb	DEPTH = 10.0km (geophysicist)													S.D. = 0.9 on 34 of 39 obs.													
FBA	20.89	40 eP	26	02.49	0.2	NORTHWESTERN BALKAN REGION (383)													* SEP 05, 1992 01h 50m 20.26±1.04s										
BALM	22.43	52 iPc	26	18.78	1.3	ML 1.8 (TTG).													36.660 N ± 10.2km 30.478 E ± 9.4km										
MBC	33.10	23 eP	27	54.50	1.0	TTG	0.13	274	iPg	02	25.92	1.2	DEPTH = 10.0km (geophysicist)					TURKEY (366)											
0.9s	11.00nm	4.5mb											ML 4.1 (CSS). Felt in the																
YKA	35.38	47 eP	28	13.20	0.3	PVY	0.44	66	iPg	02	30.75	0.2	Antalya area.																
0.6s	4.10nm	4.3mb	BDV	0.47	253	iPg	02	31.12	-0.1																				
LBFM	40.60	82 eP	28	56.31	-0.5																								
BONR	44.87	83 eP	29	32.02	0.5	ULC	0.48	196	iPg	02	31.11	-0.2	ELL	0.47	281	iPg	50	29.00	-0.8										
TNP	45.45	82 eP	29	35.95	0.0																								
0.8s	10.41nm	4.4mb	NKY	0.51	321	iPg	02	38.15																					
HVU	45.81	75 eP	29	38.28	-0.4																								
TPNV	46.77	83 eP	29	46.80	0.5																								
0.8s	11.80nm	4.4mb																											
DAU	47.56	76 eP	29	52.15	-0.4	IVA	0.57	37	iPg	02	33.05	-0.2	BCK	0.80	6	iPn	50	34.50	-1.4										
MSU	48.22	78 eP	29	57.16	-0.4																								
SRU	48.82	76 eP	30	01.43	-0.7																								
GLA	50.24	85 eP	30	12.40	-0.4	HCY	0.69	272	iPg	02	34.70	-0.6	KHL	1.83	336	iPn	50	53.00	1.0										
GOL	51.48	73 eP	30	22.41	0.0																								
1.0s	7.46nm	4.3mb	S.D. = 0.7 on 7 of 7 obs.										CSS	2.87	125	eP	51	07.00	0.1										
LZH	54.00	284 eP	30	41.00	0.1	SEP 05, 1992 01h 12m 01.44±0.27s													DST	3.28	334	iPn	51	13.70	0.9				
1.0s	15.00nm	4.6mb	40.934 N ± 2.9km 20.849 E ± 2.8km													FAM	3.31	119	eP	51	20.00	6.9X							
EEO	60.80	51 eP	31	29.50	1.3	DEPTH = 5.0km (geophysicist)													KCT	3.95	336	ePn	51	22.20	0.0				
NB2	66.52	354 P	32	04.90	-0.2	GREECE-ALBANIA BORDER REGION (392)													BNT	4.20	332	ePn	51	26.00	0.3				
0.7s	4.30nm	4.3mb	ML 3.0 (TTG), 3.0 (SKO), 2.7													S.D. = 1.1 on 7 of 8 obs.													
HFS	67.23	352 eP	32	08.50	-1.1	(TIR). MD 3.2 (ATH).													* SEP 05, 1992 01h 55m 59.03±1.01s										
0.5s	6.70nm	4.7mb	OHR	0.18	348	iPg	12	04.00	-1.2	71.107 N ± 23.1km 6.182 W ± 5.8km																			
GEC2	78.40	350 eP	33	15.00	0.0	FNA	0.43	110	iPg	12	09.96	-0.1	DEPTH = 10.0km (geophysicist)					JAN MAYEN ISLAND REGION (639)											
0.6s	0.51nm	3.4mb X	BERA	0.72	252	ePg	12	11.50	-4.4X	MD 3.4 (BER).																			
WB2	81.96	222 iPc	33	33.90	0.0	LSK	0.81	194	iPg	12	17.50	-0.1	* SEP 05, 1992 02h 36m 19.65±2.19s					71.107 N ± 23.1km 6.182 W ± 5.8km											
0.8s	3.00nm	4.1mb	SEP 05, 1992 02h 49m 40.99±3.48s																DEPTH = 10.0km (geophysicist)										
S.D. = 0.8 on 30 of 30 obs.																			FRANCE (538)										
ML 3.2 (ATH).																			ML 1.3 (GEN).										
PRK	1.01	60 eP	38	56.30	-0.1	LACI	1.11	310	ePg	12	19.30	-3.4X	* SEP 05, 1992 02h 52m 05.58±8.10s					44.721 N ± 9.2km 6.784 E ± 16.7km											
ATH	1.36	236 eP	39	03.10	0.8	SKO	1.13	23	iPn	12	21.70	-1.3	DEPTH = 10.0km (geophysicist)					GREECE-ALBANIA BORDER REGION (392)											
EZN	1.41	40 ePn	39	02.00	-1.0								ML 2.3 (SKO). MD 2.5 (THE).																
PAIG	1.63	316 ePg	39	06.48	0.4	VLO	1.13	246	ePn	12	24.30	1.3	RRL	0.20	0 P	36	24.15	0.0											
OUR	1.82	331 ePb	39	08.44	-0.3	GRG	1.18	88	ePb	12	23.04	-0.8	PZZ	0.31	134 P	36	26.23	0.0											
AGG	2.21	278 ePn	39	18.16	3.6X	KKS	1.19	344	ePn	12	25.00	1.0	BHB	0.36	70 P	36	27.09	0.0											
ALN	2.25	18 ePb	39	17.08	2.0	SRN	1.24	212	ePn	12	27.70	2.8X	RSP	0.55	38 P	36	30.75	0.0											
LIT	2.46	304 ePn	39	17.88	-0.1	IGT	1.46	196	ePb	12	27.96	-0.4	S.D. = 0.0 on 4 of 4 obs.					* SEP 05, 1992 02h 52m 05.58±8.10s											
SOH	2.48	327 ePn	39	18.04	-0.4	KEK	1.46	214	ePb	12	29.00	0.5	40.838 N ± 16.8km 20.774 E ± 25.5km					DEPTH = 10.0km (geophysicist)											
SRS	2.65	334 ePn	39	19.80	-0.9	LIT	1.50	123	ePb	12	29.56	0.5	GREECE-ALBANIA BORDER REGION (392)					ML 2.3 (SKO). MD 2.5 (THE).											
VLI	2.68	221 eP	39	20.60	-0.6	SDA	1.51	318	ePn	12	29.80	0.7	OHR	0.27	4 iPg	49	45.60	-1.2											
BNT	2.68	52 ePn	39	27.00	5.8X	BCI	1.55	338	ePn	12	30.00	0.3	FNA	0.46	97 ePg	49	49.88	-0.5											
DST	2.84	71 ePn	39	29.00	5.4X	KNT	1.57	81	ePb	12	30.04	0.1	GRG	1.24	84 ePb	50	03.84	-0.2											
KNT	2.96	325 ePn	39	25.20	0.1	ULC	1.58	311	iPg	12	29.43	-0.8	SKO	1.24	24 iPg	50	05.60	1.6											
GRG	3.05	317 ePn	39	26.60	0.2	THE	1.64	100	ePb	12	31.36	0.4	LIT	1.50	119 ePb	50	08.40	0.4											
S.D. = 0.9 on 12 of 15 obs.																			KNT	1.64	78 ePb	50	09.88	-0.1	S.D. = 1.2 on 6 of 6 obs.				
SEP 05, 1992 00h 00m 45.05±0.55s																			* SEP 05, 1992 02h 52m 05.58±8.10s										
45.975 N ± 5.9km 14.583 E ± 5.0km																			44.721 N ± 9.2km 6.784 E ± 16.7km										
DEPTH = 10.0km (geophysicist)																			DEPTH = 10.0km (geophysicist)										
NORTHWESTERN BALKAN REGION (383)																			GREECE-ALBANIA BORDER REGION (392)										
ML 2.4 (VIE). MD 2.7 (LJU), 2.5																			ML 2.3 (SKO). MD 2.5 (THE).										
(TRI). Felt (IV) in the																													
Ljubljana area, Slovenia.																													
LJU	0.08	333 iPgc	00	47.70	0.2	KKB	1.92	60 iP	12	35.00	-0.1	SKO	1.24	24 iPg	50	05.60	1.6												
VOY	0.48	277 iPgc	00	54.50	-0.4	BDV	2.03	312 iPnc	12	36.26	-0.4	LIT	1.50	119 ePb	50	08.40	0.4												
		eSg	01	01.60		IVA	2.06	340 iPnd	12	38.92	1.7	KNT	1.64	78 ePb	50	09.88	-0.1												
TRI	0.63	245 ePg	00	57.50	-0.2							S.D. = 1.2 on 6 of 6 obs.					* SEP 05, 1992 02h 52m 05.58±8.10s												
		iSg	01	07.40		SRS	2.08	84 ePn	12	36.92	-0.6	44.721 N ± 9.2km 6.784 E ± 16.7km					DEPTH = 10.0km (geophysicist)												
RIY	0.65	192 ePg	00	58.40	0.4	AGG	2.22	149 ePn	12	40.12	0.6	GREECE-ALBANIA BORDER REGION (392)					ML 2.3 (SKO). MD 2.5 (THE).												
		iSg	01	10.60		MMB	2.27	72 eP	12	43.00	2.8X	* SEP 05, 1992 02h 52m 05.58±8.10s					44.721 N ± 9.2km 6.784 E ± 16.7km												

6.816 S \pm 76.7 km 130.396 E \pm 21.4 km
 DEPTH = 33.0 km (normal)
 4.2mb (2 obs.)

BANDA SEA (280)

MTN	6.04	173	eP	53	38.00	3.0X
	0.3s	154.00nm			6.1mb X	
		eS	54	44.00		
KNA	9.02	190	eP	54	17.80	1.2
	0.2s	50.00nm			6.3mb X	
		eS	55	54.00		
WB2	13.60	164	iPd	55	16.60	-2.1
	0.1s	30.70nm			6.1mb X	
		eS	57	39.70		
QIS	16.32	148	eP	55	55.00	1.0
	0.4s	4.00nm			3.9mb	
		eS	58	55.30		
ASPA	17.09	169	iPd	56	04.00	0.3
	0.7s	26.80nm			4.5mb	
		eS	59	03.50		
MBL	17.54	215	eP	56	09.00	-0.4
		eS	59	12.00		
WARB	19.59	190	eP	56	34.00	-0.1
		S.D. = 1.5 on 6 of 7 obs.				

SEP 05, 1992 03h 07m 50.73 \pm 0.59s
 41.261 N \pm 6.1 km 22.443 E \pm 4.0 km
 DEPTH = 10.0 km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.7 (THE).

GRG	0.31	186	iPg	07	57.17	0.1
		eSg	08	01.36		
KNT	0.36	106	iPg	07	58.12	0.0
		eSg	08	03.04		
THE	0.74	148	ePg	08	04.52	-0.7
		eSg	08	14.68		
SOH	0.82	122	ePg	08	06.16	-0.4
		eSg	08	17.64		
SRS	0.88	99	ePg	08	07.28	-0.4
		eSg	08	19.88		
FNA	0.94	240	ePg	08	08.60	0.0
		eSg	08	21.60		
SKO	1.03	314	ePg	08	10.20	-0.1
		iSg	08	24.00		
LIT	1.16	178	ePg	08	12.24	-0.2
		ePn	08	14.00	0.0	
QHR	1.25	264	ePn	08	18.00	0.0
OUR	1.49	128	ePb	08	18.64	1.1
PAIG	1.63	144	ePb	08	20.16	0.6
		S.D. = 0.6 on 11 of 11 obs.				

& SEP 05, 1992 03h 29m 27.12s
 34.095 N 116.414 W
 DEPTH = 3.5 km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.9 (PAS), 3.7 (GS).
 Felt (IV) at La Quinta and Yucca Valley. Felt (III) at Londers.

PEC	0.65	252	iPc	29	39.25	-0.9
PLM	0.83	207	iPd	29	42.58	-1.1
SSK	1.07	277	iPc	29	46.97	-1.0
		S	30	01.44		
GLA	1.68	128	ePn	29	54.50	-3.1
ISA	2.31	313	ePn	30	03.93	-2.7
		iPg	30	10.06		
ABL	2.44	289	ePn	30	06.77	-1.9
		iPg	30	11.71		
		eS	30	44.58		
TPNV	2.85	3	ePn	30	12.12	-2.4
BCH	3.22	291	ePn	30	17.46	-2.1
PKEM	3.61	304 (P)		30	23.94	-1.1
PHAM	3.70	298	ePn	30	24.67	-1.8
TNP	4.03	351	ePn	30	29.59	-1.6
		ePg	30	40.84		
BONR	4.14	339	ePn	30	31.35	-1.6
		ePg	30	43.93		
ARUT	4.40	32	ePn	30	34.39	-2.1
		ePg	30	49.44		
		S	31	45.32		
ARN	5.28	309	eP	30	45.98	-2.9
MSU	5.58	37	ePn	30	51.99	-1.3
SRU	6.89	42 (P)		31	09.46	-2.2
		16 obs. associated				

& SEP 05, 1992 05h 19m 00.30s
 51.354 N 130.914 W

DEPTH = 10.0 km (geophysicist)
 QUEEN CHARLOTTE ISLANDS REGION (22)
 <PGC-P>. ML 3.0 (PGC).

BNB	1.33	337	Pd	19	24.30	-0.6
		Lg	19	40.50		
HOLB	1.90	111	P	19	34.99	2.0
		Lg	20	01.46		
CWB	1.93	340	P	19	33.00	-0.4
		Lg	20	00.40		
8BB	1.93	63	P	19	32.50	-0.9
		S	19	57.30		
VIB	2.15	333	P	19	36.00	-0.7
		Lg	20	08.00		
PHC	2.29	105	P	19	38.84	0.1
BPBC	2.33	120	P	19	41.25	2.0
		7 obs. associated				

& SEP 05, 1992 05h 49m 46.22s
 60.120 N 152.431 W
 DEPTH = 85.4 km
 SOUTHERN ALASKA (2)
 <AEIC>.

RS1	0.38	335	eP	49	59.41	-0.6
		eS	50	09.88		
RSO	0.38	335	eP	49	59.50	-0.5
		S	50	09.71		
RS2	0.38	335	eP	49	59.59	-0.5
REF	0.39	340	iP	49	59.50	-0.6
		eS	50	10.11		
RDW	0.41	333	eP	49	59.57	-0.7
		eS	50	10.40		
RDN	0.43	337	eP	50	00.38	0.1
RDT	0.46	2	iP	49	59.62	-0.8
DFR	0.49	345	eP	50	00.18	-0.5
		eS	50	11.49		
NCT	0.51	331	eP	49	59.75	-1.1
HOM	0.61	139	iP	50	01.21	-0.4
		eS	50	12.75		
OPT	0.62	221	iP	50	00.97	-0.8
		eS	50	12.58		
XLV	0.76	151	eP	50	01.94	-1.2
CNPM	0.85	134	iP	50	03.11	-1.0
		eS	50	16.78		
NKA	0.86	43	eP	50	05.10	0.9
AUL	0.90	215	eP	50	03.79	-0.9
AUE	0.90	212	eP	50	03.68	-1.0
AUW	0.92	215	iP	50	04.06	-0.8
		S	50	18.96		
AUI	0.94	213	eP	50	04.15	-0.9
		S	50	18.81		
PDB	0.95	250	eP	50	04.25	-1.0
BKG	0.96	5	iP	50	04.94	-0.5
		eS	50	19.58		
CKL	1.08	2	eP	50	06.18	-0.8
SPU	1.08	10	iP	50	06.24	-0.7
		eS	50	21.38		
CKN	1.11	6	eP	50	06.85	-0.5
BGL	1.15	1	eP	50	07.21	-0.6
CPKM	1.15	5	eP	50	07.43	-0.5
CRP	1.16	7	eP	50	07.62	-0.4
SLKM	1.17	70	eP	50	06.96	-1.0
CGLM	1.21	10	eP	50	07.98	-0.6
NCG	1.30	6	eP	50	09.11	-0.5
CDD	1.34	208	iP	50	08.89	-1.3
MCNL	1.35	227	iP	50	08.80	-1.4
		eS	50	26.19		
SEW	1.49	89	eP	50	10.25	-1.8
SYI	1.51	179	iP	50	11.33	-1.0
MPA	1.57	75	eP	50	11.94	-1.1
SUA	1.58	31	eP	50	13.12	-0.2
		eS	50	33.74		
BGM	1.59	244	iP	50	11.88	-1.5
		eS	50	31.40		
PMS	1.81	50	eP	50	15.34	-0.9
PTE	1.84	65	eP	50	15.03	-1.6
SVW	1.86	304	iP	50	15.39	-1.6
SKT	1.92	13	eP	50	16.13	-1.6
PLRM	2.19	46	eP	50	19.34	-2.0
KNK	2.34	55	eP	50	21.79	-1.7
KNIM	2.35	82	iP	50	20.56	-3.1
MTU	2.40	91	eP	50	22.38	-1.9
SML	2.62	48	eP	50	25.46	-1.9
		45 obs. associated				

& SEP 05, 1992 06h 44m 48.60s

51.317 N 130.946 W
 DEPTH = 10.0 km (geophysicist)
 QUEEN CHARLOTTE ISLANDS REGION (22)
 <PGC-P>. ML 3.0 (PGC).

BNB	1.36	339	Pd	45	13.10	-0.5
HOLB	1.90	110	P	45	24.00	2.6
CWB	1.95	341	P	45	22.00	-0.2
		Lg	45	49.00		
BBB	1.96	63	P	45	21.70	-0.5
		S	45	46.60		
VIB	2.17	334	P	45	25.00	-0.4
		Lg	45	57.00		
		5 obs. associated				

* SEP 05, 1992 07h 12m 44.30 \pm 1.53s
 9.756 N \pm 8.4 km 126.787 E \pm 14.4 km
 DEPTH = 30.3 \pm 10.3 km
 4.7mb (8 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP	1.61	199	ePc	13	10.50	-0.5
PLP	2.26	308	ePd	13	21.00	0.7
		iS	13	44.80		
CGP	2.44	238	eP	13	23.50	0.6
		eS	13	52.50		
MAP	2.82	282	iPd	13	33.70	5.5X
		eS	14	01.70		
DAV	2.91	284	eP	13	37.50	8.0X
BAG	8.96	318	eP	14	54.00	-0.9
XAN	29.21	329	Pd	18	44.00	-1.5
		0.7s	7.30nm		4.5mb	
WB2	30.44	166	eP	18	57.60	1.0
		0.7s	1.30nm		3.8mb	
SNY	32.07	355	eP	19	14.60	3.9X
QIS	32.66	157	eP	19	15.00	-1.0
		0.9s	8.00nm		4.6mb	
HHC	33.77	339	Pd	19	26.80	1.1
		1.2s	30.00nm		5.1mb	
NANU	33.96	199	eP	19	27.00	-0.3
		0.6s	5.00nm		4.6mb	
BTO	34.13	337	eP	19	29.00	0.3
GBA	48.42	280	P	21	25.40	-0.7
KAF	86.32	332	iP	25	25.20	0.8
		0.6s	6.10nm		5.0mb	
NUR	87.49	331	iP	25	30.80	0.7
		0				

05d 08h

ULM 39.48 352 eP 21 32.00 1.0
 LMN 39.68 25 eP 21 35.50 2.7X
 LRM 40.38 333 eP 21 39.70 0.8
 ORV 41.10 319 (P) 21 48.20 3.7X
 BAO 47.58 123 Pd 22 35.80 -1.4
 e 22 46.80
 YKA 54.70 345 eP 23 28.80 -1.5
 0.8s 1.90nm 4.2mb
 MBC 67.18 352 eP 24 54.00 -0.8
 1.0s 2.00nm 4.3mb
 WB2 138.59 253 iPKPc 33 28.20 0.5
 0.6s 2.00nm
 GBA 151.30 31 PKP 33 55.60 6.7X
 S.D. = 1.0 on 26 of 32 obs.

% SEP 05, 1992 08h 28m 16.68 ± 1.18s
 38.598 N ± 10.3km 14.066 E ± 7.7km
 DEPTH = 10.0km (geophysicist)

SICILY (398)

GIB 0.61 178 P 28 28.30 -0.7
 eSg 28 36.90
 MNO 0.86 141 P 28 33.70 0.3
 eSg 28 45.30
 MCT 1.01 197 P 28 37.70 1.8
 eSg 28 52.40
 ATN 1.23 110 P 28 39.50 0.0
 eSg 28 56.40
 ERC 1.25 244 P 28 39.30 -0.6
 eSg 28 56.10
 MEU 1.66 154 P 28 45.00 -1.1
 eSg 29 05.50
 SOI 1.69 107 P 28 46.30 -0.1
 TDS 2.10 59 P 28 52.70 0.4
 S.D. = 1.1 on 8 of 8 obs.

% SEP 05, 1992 08h 49m 51.91 ± 2.89s
 39.151 N ± 23.3km 27.597 E ± 8.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

DST 0.92 60 iPn 50 09.60 0.1
 eSg 50 24.10
 EZN 1.19 305 iPn 50 14.10 0.0
 EDC 1.21 10 iPn 50 14.30 -0.2
 BNT 1.23 12 iPn 50 15.20 0.4
 KCT 1.24 28 iPn 50 14.70 -0.3
 S.D. = 0.4 on 5 of 5 obs.

SEP 05, 1992 09h 14m 41.49 ± 0.62s
 41.519 N ± 5.5km 142.393 E ± 5.3km
 DEPTH = 54.1 ± 6.3 km
 4.7mb (29 obs.)

HOKKAIDO, JAPAN REGION (224)

HOOJ 1.09 37 iPd 14 59.10 -1.6
 eS 15 13.00
 MRRJ 1.34 313 iP+ 15 03.90 -0.2
 eS 15 21.70
 ADMJ 1.80 239 eP 15 12.00 1.3
 KUSJ 2.33 47 iPd 15 16.10 -2.0
 eS 15 43.30
 OFUJ 2.50 193 eP 15 19.80 -0.7
 eS 15 50.80
 ASAJ 2.60 4 iPd 15 22.80 0.9
 YAMJ 3.80 209 eP 15 39.70 0.7
 NIIJ 5.02 213 P 15 57.50 1.4
 MAT 5.94 215 eP 16 10.00 1.0
 0.6s 22.67nm 4.8mb X
 (S) 17 22.00
 CHJJ 6.07 207 P 16 10.20 -0.7
 MTMJ 6.08 217 eP 16 12.80 1.7
 IIDJ 6.98 212 eP 16 23.00 -0.6
 TSRJ 7.80 222 eP 16 38.00 3.1X
 MDJ 9.87 293 eP 17 04.70 1.4
 1.0s 50.00nm 5.6mb
 CN2 12.68 286 eP 17 43.00 1.8
 1.0s 7.40nm 4.6mb
 Z 16s 0.41um
 epP 17 50.00
 SNY 14.07 278 eP 18 01.20 1.8
 BJI 19.89 274 eP 19 08.50 -2.5
 1.0s 55.00nm 4.8mb
 Z 20s 0.36um 4.7mszX
 e 19 54.50
 SSE 19.96 245 Pc 19 11.00 -0.7
 1.0s 13.00nm 4.2mb

TIA 20.35 263 eP 19 13.30 -2.5
 1.0s 29.00nm 4.6mb
 NJ2 21.03 251 Pd 19 20.50 -2.3
 TIY 23.33 271 eP 19 43.60 -2.0
 TIY 23.33 271 eP 19 44.00 -1.6
 Z 17s 0.48um 4.0mszX
 BTO 24.36 279 eP 19 54.00 -1.6
 WHN 25.08 253 eP 20 02.50 0.2
 XAN 27.36 265 eP 20 21.80 -1.7
 GTA 32.23 281 P 21 06.00 -0.7
 1.0s 14.00nm 4.7mb
 CD2 32.68 264 Pd 21 09.10 -1.5
 KMI 36.59 256 eP 21 45.00 0.6
 1.5s 40.00nm 5.1mb
 WMQ 39.67 292 iPd 22 11.00 1.2
 1.0s 25.00nm 5.0mb
 Z 16s 0.26um 4.2mszX

SVW 41.53 40 eP 22 21.00 34kmX
 0.8s 20.74nm 1.0
 e 22 35.76 4.9mb
 IMA 42.48 33 eP 22 31.65 -0.9
 0.6s 3.98nm 4.3mb
 LSA 42.73 271 eP 22 36.90 1.4
 REF 42.99 41 eP 22 37.27 0.3
 CPKM 43.17 40 eP 22 38.73 0.4
 CHG 43.27 252 eP 22 40.40 1.0
 0.8s 11.75nm 4.7mb
 PMR 44.63 39 eP 22 49.06 -0.8
 0.9s 16.45nm 4.8mb
 FBA 44.94 35 eP 22 52.04 -0.3
 0.9s 24.44nm 5.0mb

KLU 46.16 39 eP 23 01.72 -0.4
 GUN 47.61 272 P 23 14.46 0.1
 BALM 47.95 39 eP 23 15.14 -1.1
 KKN 48.13 272 P 23 18.22 0.0
 1.1s 164.00nm 6.0mb X
 PKI 48.14 272 P 23 18.16 -0.3
 DMN 48.35 272 P 23 20.14 0.2
 GKN 48.49 273 P 23 20.80 -0.2
 0.7s 49.00nm 5.6mb
 MBC 52.02 17 eP 23 46.00 -1.0
 0.6s 3.00nm 4.5mb
 HYB 59.17 266 eP 24 39.50 0.2
 YKA 59.57 32 eP 24 44.30 2.9
 0.6s 2.70nm 4.6mb
 WB2 61.60 189 iPc 24 54.20 -1.4
 1.0s 6.80nm 4.7mb
 e 25 08.60
 GBA 62.39 264 P 25 00.80 -0.3
 KAF 64.69 332 eP 25 13.90 -1.6
 0.7s 6.30nm 4.7mb
 ASPA 65.33 189 iPc 25 19.40 -0.6
 0.8s 5.20nm 4.6mb
 NUR 66.37 331 iP 25 25.20 -1.1
 0.3s 3.70nm 4.9mb
 ORV 69.08 55 eP 25 43.50 -0.2
 HFS 70.32 335 eP 25 49.70 -1.2
 0.4s 3.40nm 4.6mb
 LRM 70.44 46 eP 25 52.00 -0.2
 TNP 72.62 54 (P) 26 07.00 1.7
 0.9s 6.64nm 4.6mb
 BW06 74.01 47 eP 26 13.80 0.5
 0.8s 1.55nm 4.0mb

MSU 75.36 51 eP 26 22.23 1.1
 OJC 75.75 326 eP 26 24.10 1.3
 SRU 75.92 50 eP 26 24.92 0.6
 PRU 78.06 329 eP 26 36.50 0.9
 e 27 09.80
 KHC 79.12 329 eP 26 42.00 0.5
 e 26 57.00
 GEC2 79.30 328 ePd 26 42.90 0.3
 0.9s 1.32nm 3.9mb
 e 26 55.30
 SSF 84.54 333 iPc 27 11.10 1.4
 0.9s 3.60nm 4.4mb
 AVF 84.83 333 iPc 27 11.80 0.6
 0.5s 4.10nm 4.8mb
 MAF 85.59 333 iPc 27 16.20 1.2
 1.0s 7.80nm 4.8mb
 MFF 86.14 335 iPc 27 18.80 1.1
 0.6s 1.80nm 4.4mb
 CAF 86.90 333 iPc 27 23.00 1.5
 0.6s 3.95nm 4.8mb

S.D. = 1.2 on 67 of 68 obs.

SEP 05, 1992 10h 33m 25.64 ± 0.41s

11.855 N ± 6.9km 87.600 W ± 6.8km
 DEPTH = 10.0km (geophysicist)
 4.7mb (12 obs.) 3.7msz (2 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 5.46 304 (P) 34 49.00 0.0
 PBJ 8.83 302 (P) 35 33.50 -2.9
 OXX 10.25 302 (P) 35 56.50 0.4
 IISM 11.79 308 (P) 36 19.00 2.1
 III 13.16 301 (P) 36 37.00 1.5
 UNM 13.40 305 (P) 36 43.00 4.2X
 MRX 15.22 303 (P) 37 05.00 2.6
 PWLA 23.02 359 eP 38 32.25 0.3
 JSC 23.06 14 eP 38 33.68 1.5
 UYO 23.07 345 iPd 38 32.90 0.5
 LHS 23.36 14 eP 38 36.53 1.4
 GBTN 23.90 7 eP 38 41.69 1.3
 TKL 23.95 8 eP 38 41.73 0.8
 MEO 24.92 338 iPc 38 49.80 -0.5
 FKO 24.94 341 iPd 38 50.40 -0.1
 FNO 24.94 341 iPc 38 49.90 -0.6
 TUL 25.07 344 eP 38 50.80 -0.9
 1.2s 105.60nm 5.4mb
 Z 18s 0.15um 3.5msz
 e 39 00.50
 e 39 08.20
 S 43 43.00
 Lg 45 22.00
 LR 48 09.00

LNO 25.07 344 ePc 38 50.70 -0.9
 CEH 25.14 16 eP 38 53.22 0.9
 0.5s 23.72nm 5.1mb
 OCO 25.21 341 iPd 38 53.40 0.4
 ELC 25.36 357 eP 38 52.99 -1.5
 NAV 26.08 12 eP 39 01.82 0.6
 ACO 26.83 339 iPd 39 07.20 -0.9
 ALQ 28.66 326 eP 39 25.28 0.3
 1.0s 4.90nm 4.3mb
 JFWS 31.03 356 eP 39 45.07 -0.6
 0.6s 8.66nm 4.8mb
 GOL 31.89 334 eP 39 53.65 0.0
 1.3s 17.45nm 4.8mb
 SRU 33.93 327 eP 40 10.81 -0.5
 ZOBO 33.95 145 P 40 12.40 0.2
 Z 20s 0.21um 3.9msz
 LR 53 20.00

LPB 34.17 145 (P) 40 10.00 -3.8X
 MSU 34.41 325 eP 40 16.67 1.1
 CNCB 34.46 145 P 40 17.20 0.7
 RSNY 34.46 17 eP 40 15.44 -0.2
 1.0s 14.11nm 4.8mb
 EMUT 34.60 328 eP 40 17.40 0.2
 ARUT 34.65 323 eP 40 18.21 0.6
 RSSD 35.13 339 eP 40 21.52 -0.1
 0.6s 3.24nm 4.4mb
 DAU 35.27 328 eP 40 22.85 -0.1
 EEO 35.41 10 eP 40 26.00 2.2
 BW06 36.23 332 eP 40 30.00 -1.0
 0.7s 4.39nm 4.4mb

HVU 37.05 328 eP 40 37.87 0.1
 BONR 37.78 319 eP 40 45.31 1.2
 HHA1 37.96 330 eP 40 45.12 -0.3
 ePcP 43 01.76
 SIV 38.14 136 P 40 48.20 1.2
 ULM 38.88 352 eP 40 53.50 0.6
 LMN 39.04 25 eP 40 57.50 3.3X
 LRM 39.91 333 eP 41 02.20 0.4
 JAQ 42.90 10 ePc 41 23.60 -2.3
 SES 42.97 338 eP 41 26.00 -0.6
 NEW 43.86 332 eP 41 33.00 -0.8
 0.8s 9.58nm 4.7mb

DPW 44.09 330 eP 41 35.58 -0.1
 BMW 45.78 326 (P) 41 49.05 -0.2
 GMW 46.20 327 eP 41 51.12 -1.4
 BAO 47.78 124 Pd 42 05.10 -0.4
 e 42 12.00
 e 42 15.00
 e 42 22.00
 e 42 25.00

BDF 47.87 124 Pd 42 06.00 -0.2
 e 42 12.10
 e 42 16.70
 YKA 54.14 345 eP 42 51.80 -1.1
 0.9s 3.70nm 4.4mb
 MBC 66.58 352 eP 44 15.50 -2.3
 1.0s 7.00nm 4.8mb

FBA 66.91 336 (P) 44 18.70 -1.3

0.7s 1.32nm 4.2mb
 ASPA 138.91 248 ePKP 52 54.50 -0.5
 1.2s 5.00nm
 WB2 138.95 253 iPKPc 52 54.70 -0.4
 1.1s 4.50nm
 GKN 139.67 11 PKP 52 57.00 0.6
 GUN 139.97 9 PKP 52 56.80 -0.4
 KKN 139.99 10 PKP 52 56.40 -0.7
 CHG 148.85 348 ePKPd 53 15.30 3.3X
 1.5s 48.61nm
 BDT 150.36 347 ePKP 53 19.80 5.6X
 1.0s 55.20nm
 GBA 150.67 31 PKP 53 20.40 5.6X
 NST 151.60 344 ePKP 53 24.00 7.9X
 S.D. = 1.1 on 58 of 65 obs.

* SEP 05, 1992 11h 26m 17.35±0.72s
 40.207 N ± 7.3km 28.788 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

KCT 0.33 277 iPg 26 24.70 0.4
 iSg 26 30.20
 YLV 0.57 51 iPg 26 28.70 -0.3
 DST 0.61 192 iPg 26 29.80 0.0
 iSg 26 39.80
 BNT 0.68 283 iPg 26 30.20 -0.7
 CTT 0.98 344 ePg 26 36.20 0.3
 eSg 26 50.20
 EYL 1.11 71 ePn 26 38.40 0.2
 S.D. = 0.5 on 6 of 6 obs.

* SEP 05, 1992 13h 01m 53.19±0.66s
 10.916 N ± 11.3km 86.385 W ± 12.5km
 DEPTH = 33.0km (normol)
 4.5mb (7 obs.) 3.8Msz (2 obs.)
 OFF COAST OF COSTA RICA (77)

TPM 14.63 305 (P) 05 19.50 -0.5
 JSC 23.72 11 iPc 07 05.05 1.9
 LHS 24.00 11 eP 07 06.70 0.8
 UYO 24.29 344 iPd 07 09.00 0.3
 GBTN 24.72 4 iPc 07 13.92 1.1
 CEH 25.73 14 iPd 07 23.59 1.3
 0.8s 23.20nm 4.8mb
 MEO 26.23 337 iPc 07 26.10 -1.0
 TUL 26.30 343 eP 07 26.60 -1.1
 0.8s 28.30nm 4.9mb
 Z 18s 0.19um 3.7Msz

e 07 34.30
 LR 19 42.00
 LNO 26.31 343 eP 07 25.90 -1.7
 ALO 30.10 326 iPc 08 03.25 1.0
 0.9s 4.26nm 4.2mb
 JFWS 32.05 355 iPd 08 18.04 -1.1
 0.9s 25.69nm 5.1mb
 ZOBO 32.51 146 eP 08 27.00 3.0X
 Z 20s 0.32um 4.0Msz

LR 19 24.00
 LPB 32.73 146 eP 08 45.00 19.3X
 CNCB 33.02 146 eP 08 38.00 9.6X
 RSNY 35.03 15 eP 08 44.29 -0.6
 0.7s 3.00nm 4.3mb
 PLM 35.76 313 eP 08 53.20 1.7
 MSU 35.86 324 (P) 08 51.53 -0.7
 EEO 36.14 9 eP 08 57.00 2.8X
 SIV 36.64 136 eP 08 58.00 -0.8
 BW06 37.62 332 eP 09 06.19 -0.8
 0.7s 1.66nm 4.0mb

BONR 39.26 319 eP 09 22.76 1.8
 HHA1 39.37 330 (P) 09 21.12 -0.4
 LMN 39.39 24 eP 09 25.00 3.5X
 ULM 39.99 351 eP 09 33.50 7.1X
 LBFM 43.46 321 eP 09 56.54 1.3
 JAO 43.62 9 eP 09 54.00 -2.0
 BAO 46.27 124 Pd 10 17.80 0.0
 e 10 25.00

BDF 46.36 124 Pc 10 19.20 0.7
 YKA 55.36 345 eP 11 30.90 4.9X
 0.8s 1.30nm 4.0mb
 MBC 67.67 352 eP 12 47.00 -1.8
 WB2 139.81 252 ePKP 21 20.00 -0.6
 0.6s 2.10nm

GBA 150.83 34 PKP 21 39.90 1.0
 S.D. = 1.2 on 25 of 32 obs.

* SEP 05, 1992 13h 22m 33.29±2.10s

3.305 S ± 11.9km 146.659 E ± 20.9km
 DEPTH = 27.6 ± 10.8 km
 4.4mb (5 obs.) 3.8Msz (1 obs.)
 BISMARCK SEA (203)

MDG 2.12 204 eP 23 08.00 0.4
 LAT 3.36 174 eP 23 25.50 0.4
 eS 23 31.10
 MNDI 4.12 226 eP 23 41.60 5.4X
 PMG 6.08 175 eP 24 02.00 -1.7
 QIS 18.47 201 eP 26 48.60 -0.6
 1.2s 19.00nm 4.1mb
 WB2 20.44 215 iPd 27 11.00 -0.4
 0.8s 43.40nm 4.9mb
 RMO 23.14 175 eP 27 39.00 0.6
 0.5s 6.00nm 4.4mb

ASPA 23.70 210 iPd 27 45.30 1.4
 0.8s 26.90nm 4.8mb
 Z 20s 0.30um 3.8Msz
 STK 28.82 189 eP 28 38.80 7.4X
 0.8s 2.20nm 3.9mb
 WARB 29.77 218 eP 28 40.30 0.3
 PKI 66.43 302 P 33 23.20 0.2
 KKN 66.60 302 P 33 23.00 -1.0
 DMN 66.70 302 P 33 24.40 -0.2
 SIV 146.54 126 ePKP 42 14.00 0.7
 S.D. = 1.0 on 12 of 14 obs.

* SEP 05, 1992 18h 59m 59.42±1.35s
 9.566 S ± 8.1km 147.906 E ± 17.3km
 DEPTH = 30.8 ± 9.7 km
 3.9mb (3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

ML 4.4 (PMG)

PMG 0.75 282 iPd 00 15.00 1.2
 eS 00 21.00
 FINC 2.93 359 eP 00 46.20 1.3
 LAT 3.02 343 eP 00 45.80 -0.4
 YYYV 3.82 330 eP 00 57.60 -0.1
 MDG 4.78 334 eP 01 11.50 0.4
 MNDI 5.40 309 eP 01 19.40 -0.8
 WWKK 7.28 324 eP 01 44.80 -1.6
 QIS 13.55 215 eP 03 07.20 -4.8X
 eS 05 31.30
 RMO 16.85 177 eP 03 53.00 -1.7
 ASPA 19.38 222 eP 04 26.30 0.4
 0.8s 6.60nm 4.0mb
 CMS 21.90 185 eP 04 53.20 1.4
 0.9s 7.00nm 4.1mb
 STK 22.97 194 eP 05 07.90 5.5X
 0.6s 1.30nm 3.6mb
 S.D. = 1.4 on 10 of 12 obs.

? SEP 05, 1992 20h 03m 41.12±4.19s
 36.436 N ± 36.0km 5.764 E ± 22.8km
 DEPTH = 10.0km (geophysicist)

NORTHERN ALGERIA (396)

CNS 0.69 95 iPg 04 26.00 31.2X
 iSg 04 41.00
 ABA 2.23 280 iPg 04 18.50 -0.1
 iSg 05 18.40
 PGF 6.60 21 Pn 05 21.10 0.5
 Sn 06 34.50
 LMR 6.91 5 Pn 05 25.00 0.1
 Sn 06 39.00
 LRG 7.03 4 Pn 05 27.10 0.6
 Sn 06 43.00
 FRF 7.15 5 Pn 05 27.60 -0.6
 Sn 06 45.30
 SBF 7.53 9 Pn 05 34.30 0.7
 Sn 06 54.40
 EPF 7.80 329 Pn 05 37.90 0.5
 Sn 06 58.80
 LPG 9.08 4 Pn 05 54.60 -0.9
 Sn 07 32.70
 LPL 9.10 4 Pn 05 54.80 -0.8
 Sn 07 33.20
 S.D. = 0.7 on 9 of 10 obs.

SEP 05, 1992 20h 06m 41.82±0.13s
 3.922 S ± 2.6km 142.563 E ± 3.4km
 DEPTH = 43.3km (22 depth phases)
 5.6mb (47 obs.) 5.2Msz (15 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 22S, 39C

Centroid Location:

Origin Time 20:06:48.1 0.7

Lat 4.07S 0.08 Lon 142.33E 0.05

Dep 50.0 3.3 Half-duration 1.3

Moment Tensor: Scale 10**17 Nm

Mrr=-0.33 0.06 Mtt=-0.84 0.06

Mff= 1.17 0.09 Mrt=-1.46 0.08

Mrf=-0.19 0.07 Mtf= 0.74 0.07

Principal Axes:

T Vol= 1.70 Plg=24 Azm=120

N 0.43 43 234

P -2.13 38 10

Best Double Couple: Mo=1.9*10**17

NP1: Strike=161 Dip=44 Slip=-167

NP2: 62 81 -47

WWKK 1.10 74 iPc 07 01.70 0.7
 MNDI 2.47 154 iP 07 25.00 4.2X
 MDG 3.47 112 iPc 07 37.80 3.1X
 YYYV 4.10 124 eP 07 47.50 3.7X
 LAT 5.19 122 eP 08 01.50 2.4
 FINC 5.91 117 eP 08 13.20 4.0X
 PMG 7.11 140 eP 08 26.00 0.0
 eS 09 46.00

RA8 9.58 92 iPc 09 01.50 1.3
 iS 10 56.00
 MTN 14.36 231 eP 10 03.00 -1.4
 0.3s 427.00nm 6.5mb
 eS 12 37.00
 QIS 16.78 190 iPd 10 34.40 -1.1
 eS 13 36.00

SVO 17.90 108 P 10 54.00 4.6X
 KNA 17.95 228 eP 10 49.00 -1.0
 0.4s 254.00nm 5.7mb
 eS 13 59.00
 HNR 18.11 108 eP 10 50.00 -1.9
 DAV 20.18 303 ePc 11 17.00 1.4
 BIP 20.26 307 iPd 11 14.00 -2.4
 ASPA 21.34 202 iPc 11 26.50 -1.0
 0.6s 94.50nm 5.3mb
 Z 18s 14.70um 5.4Msz

eS 15 19.00
 OLP 22.59 176 iPd 11 40.30 0.4
 0.7s 141.00nm 5.5mb
 WSI 22.83 254 ePc 11 43.20 0.9
 PLP 23.04 311 ePc 11 43.50 -0.8
 MAP 23.30 308 eP 11 50.60 3.8X
 TSM 25.98 288 ePc 12 13.50 1.0
 WARB 26.89 213 eP 12 20.50 -0.3
 KHKI 27.15 259 ePc 12 20.00 -3.3X
 e 16 13.20

CMS 27.59 174 iPc 12 27.30 0.2
 1.1s 96.00nm 5.4mb
 ARMA 27.71 163 eP 12 28.00 -0.3
 MBL 27.96 230 eP 12 30.20 -0.3
 0.6s 73.00nm 5.5mb
 KKM 28.11 290 eP 12 38.20 6.1X
 BKM 28.63 120 iPc 12 41.50 4.9X
 PVC 28.72 120 iPc 12 48.50 11.1X
 DZM 29.36 130 iPc 12 41.00 -2.2
 BAG 29.67 313 eP 12 43.50 -2.7
 CVP 29.67 317 ePd 12 45.00 -0.9
 FORT 30.81 206 eP 12 47.00 -1.9
 BWA 30.83 171 iPc 12 56.90 0.8
 iPP 13 07.30 38km

ADE 31.10 186 e(P) 13 09.10 10.7X
 CAN 31.81 170 iPc 13 04.80 0.1
 iPP 13 14.80 36km
 CNB 31.87 169 iPc 13 06.60 1.4
 MEEK 32.18 223 iPc 13 07.80 -0.2
 BFD 33.09 180 eP 13 14.30 -1.5
 1.0s 54.00nm 5.4mb
 COOL 33.57 215 iPc 13 20.30 0.2
 0.8s 107.00nm 5.8mb
 TOO 33.60 176 iPc 13 21.10 0.9
 0.9s 191.00nm 6.0mb

i 13 31.80
 i 14 05.00
 i 16 13.00
 MRWA 35.61 222 iPc 13 38.00 0.5
 i 13 41.00
 SAL 36.05 220 eP 13 41.50 0.3
 e 13 52.30
 KL8 36.07 217 eP 13 41.00 -0.4
 i 13 44.90

GBA	66.91	286	P	17	31.70	-0.7
PPN	67.86	107	iP	17	48.70	10.3X
	1.4s		60.00nm			
TVO	68.05	107	iP	17	51.80	12.2X
	1.4s		110.00nm			
WMQ	68.36	320	iPd	17	41.20	0.0
	1.2s		51.00nm			5.4mb
Z	36s		1.12um			4.8MsZ
			pP	17	52.50	37km
			S	26	40.00	
			sS	27	00.00	
NDI	70.53	302	iP	17	54.50	-0.2
KSH	74.69	313	P	18	21.50	2.3
Z	24s		1.38um			5.2MsZ
			PP	21	10.00	
			S	27	55.00	
			SKS	28	22.00	
SDN	75.22	30	eP	18	21.13	-0.5
	0.8s		130.34nm			5.9mb
			eP	18	33.58	42km
SVW	80.24	26	eP	18	49.54	0.2
	1.1s		98.83nm			5.7mb
			eP	19	02.62	44km
KDC	80.26	30	eP	18	49.30	0.0
	0.8s		21.27nm			5.2mb
			eP	19	01.71	42km
TTA	80.91	24	eP	18	52.95	0.1
	1.4s		62.98nm			5.4mb
			eP	19	05.92	44km
CPKM	81.79	26	eP	18	57.44	-0.2
			eP	19	09.68	41km
SLKM	82.41	27	eP	18	59.63	-1.0
			eP	19	12.34	43km
KLU	84.71	27	eP	19	10.72	-1.7
			eP	19	24.87	48km
FBA	85.03	24	eP	19	12.34	-1.5
	0.3s		2.67nm			4.9mb
SPA	86.10	180	iPc	19	19.60	0.2
	0.8s		24.17nm			5.5mb
			i	19	31.80	
BALM	86.24	28	ePc	19	19.15	-0.9
			eP	19	32.48	45km
MAIO	86.72	307	eP	19	23.00	0.1
MBC	95.71	14	eP	20	03.00	-0.9
	1.0s		25.00nm			5.6mb
			pP	20	16.00	43km
MCW	95.97	42	(P)	20	06.61	0.9
			e	20	19.25	
GMW	96.01	43	eP	20	05.80	-0.1
			eP	20	18.74	43km
ORV	97.06	51	eP	20	10.51	-0.2
			eP	20	23.32	42km
NVL	98.72	195	eP	20	18.00	0.4
	1.6s		20.00nm			5.4mb
Z	18s		1.50um			5.5MsZ
N	17s		0.50um			
E	18s		1.00um			
			e	20	22.00	
			e	20	29.00	
YKA	99.38	27	eP	20	19.20	-1.5
	0.8s		2.70nm			4.8mb
KAF	105.51	334	ePdiff	20	46.00	-2.1X
	0.6s		2.00nm			5.3mb
NUR	106.87	333	ePdiff	20	52.60	-1.5
	0.8s		6.10nm			5.7mb
KSP	115.26	326	ePKP	25	20.50	0.1
			e	26	02.50	
ZST	115.96	323	ePKP	25	35.30	13.5X
BRG	116.56	326	ePKP	25	22.40	-0.4
			e	25	35.50	
PRU	116.65	325	ePKP	25	22.50	-0.5
Z	20s		0.80um			5.3MsZ
			e	25	36.00	
			e	26	42.00	
CLL	116.85	327	ePKP	25	24.00	0.7
			e	26	45.00	
KHC	117.61	325	ePKP	25	25.50	0.6
Z	20s		1.10um			5.5MsZ
N	20s		0.40um			
E	20s		1.00um			

MOX 117.95 327 ePKP 25 42.00 18.2X
 Z 21s 0.80um 5.3Msz
 N 21s 0.40um
 E 20s 0.30um
 VBY 118.26 321 ePKP 25 26.20 0.0
 GRC1 118.85 325 ePKP 25 28.20 0.9
 Z 0.7s 4.00nm
 Z 20s 0.90um 5.4Msz
 FVM 121.08 47 ePKP 25 31.09 -0.7
 CDF 121.54 327 ePKP 25 32.60 0.1
 SNF 121.85 330 PKP 25 36.40 3.5X
 DOU 121.95 329 PKP 25 36.20 3.1X
 BSF 122.13 326 ePKP 25 33.90 0.2
 HAU 122.28 327 ePKP 25 34.30 0.5
 Z 0.6s 6.60nm
 Z 20s 0.50um 5.2Msz
 LPG 123.47 324 ePKP 25 36.70 0.1
 LPL 123.47 324 ePKP 25 37.10 0.6
 LOR 124.07 327 ePKP 25 37.90 0.5
 Z 0.8s 2.70nm
 Z 22s 0.52um 5.2Msz
 LBF 124.18 327 ePKP 25 38.10 0.5
 Z 0.7s 4.30nm
 BAO 124.18 273 iPKPd 25 42.00 3.4X
 Z 0.2s 18.00nm
 i 25 51.60
 Z 27 17.20
 SSF 124.39 327 ePKP 25 38.70 0.8
 Z 0.9s 9.00nm
 SMF 124.46 327 ePKP 25 38.40 0.3
 Z 0.9s 5.10nm
 AVF 124.64 327 ePKP 25 38.80 0.4
 Z 0.9s 3.60nm
 BGF 125.06 327 ePKP 25 39.40 0.2
 Z 0.6s 6.05nm
 TCF 125.57 327 ePKP 25 41.10 0.8
 Z 0.7s 7.70nm
 LSF 125.96 327 ePKP 25 41.40 0.3
 Z 0.7s 3.75nm
 LPF 126.11 330 ePKP 25 42.00 0.8
 Z 1.1s 16.35nm
 CAF 126.49 326 ePKP 25 43.20 1.0
 Z 0.8s 2.70nm
 RJF 126.56 326 ePKP 25 43.10 0.9
 Z 0.8s 3.35nm
 Z 21s 0.50um 5.2Msz
 TKL 126.90 47 ePKP 25 42.51 -0.7
 Z 25 54.52
 LPO 127.13 326 ePKP 25 44.50 1.2
 Z 0.8s 8.85nm
 CBN 130.13 41 ePKP 25 48.00 -1.2
 Z 29 07.00
 CNCB 143.46 125 PKP 26 12.90 -2.2X
 LPB 143.51 125 ePKP 26 17.00 2.0
 Z 16s 2.02um 6.0MszX
 Z 45 10.00
 ZOBO 143.61 124 PKP 26 12.00 -3.5X
 Z 20s 0.91um 5.5Msz
 Z 44 40.00
 CCH 144.63 128 ePKP 26 17.00 0.2
 SDV 146.66 80 iPKP 26 21.90 1.8
 ITB7 146.87 151 e(PKP) 26 21.00 1.0
 ITB 147.13 151 e(PKP) 26 26.00 5.6X
 ITB1 147.17 151 e(PKP) 26 25.00 4.6X
 KIC 147.35 276 PKP 26 22.62 1.6
 Z 0.8s 56.50nm
 e 26 36.00
 TOV 147.37 78 ePKP 26 24.30 3.2X
 TIC 147.61 276 PKP 26 23.66 2.2X
 Z 0.7s 10.00nm
 LIC 147.64 275 PKP 26 23.82 2.4X
 Z 0.7s 19.50nm
 MGP 147.78 62 (PKP) 26 22.40 0.9
 PORP 148.16 62 PKP 26 24.30 2.2X
 CLLP 148.20 62 PKP 26 24.60 2.4X
 CPD 148.79 61 PKP 26 26.70 3.5X
 SIV 149.37 131 PKP 26 29.20 5.0X

PPD 150.85 153 ePKP 26 32.40 6.2X
 BMA 152.75 166 (PKP) 26 34.00 5.0X
 JFO 153.87 167 ePKP 26 37.60 7.0X
 Z 0.26 50.30
 BAO 157.94 152 e(PKP) 26 37.00 0.9
 Z 26 49.00
 e 26 51.00
 e 27 01.00
 e 27 08.00
 e 27 22.00
 e 27 49.00
 ITR 167.36 176 ePKP 27 00.60 15.5X
 Z 28 03.00
 S.D. = 1.0 on 155 of 190 obs.
 & SEP 05, 1992 20h 11m 05.37s
 37.575 N 118.448 W
 DEPTH = 8.8km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <GM-P>. MD 3.3 (GM). ML 3.2 (BRK).
 BONR 0.40 17 iPd 11 13.47 -0.1
 TNP 1.10 62 ePn 11 26.11 -0.1
 Z 11 40.72
 KVN 1.50 10 eP 11 33.12 0.5
 TPNV 1.86 109 ePn 11 38.30 0.4
 Z 11 40.22
 eS 12 06.39
 ISA 1.91 181 (Pn) 11 38.77 0.3
 Z 11 40.03
 PKEM 2.01 222 (P) 11 39.60 -0.3
 PRI 2.28 232 ePd 11 45.80 1.9
 Z 12 15.00
 PHAM 2.34 223 eP 11 43.06 -1.6
 ARN 2.46 266 ePc 11 47.45 1.0
 SAO 2.53 252 eP 11 49.70 2.4
 BCH 2.73 209 ePn 11 48.97 -1.3
 Z 11 51.55
 ABL 2.79 193 (Pn) 11 50.47 -0.8
 Z 12 30.83
 ORV 3.10 311 iPnd 11 55.73 0.3
 ARUT 3.98 85 (P) 12 09.23 1.2
 LBFM 4.61 326 (P) 12 20.93 3.8
 MSU 5.04 77 (P) 12 25.51 2.3
 16 obs. associated
 ? SEP 05, 1992 20h 23m 49.71 ± 0.65s
 39.539 N ± 11.5km 135.876 E ± 12.4km
 DEPTH = 33.0km (normal)
 SEA OF JAPAN (660)
 MAT 3.51 148 iPd 24 43.40 0.0
 Z 25 13.90
 GUN 42.68 270 P 31 46.00 0.5
 KKN 43.20 270 P 31 49.60 0.0
 Z 0.8s 38.00nm 5.2mb
 PKI 43.21 270 P 31 49.20 -0.6
 DMN 43.42 270 P 31 51.20 -0.2
 GKN 43.60 271 P 31 52.80 0.1
 Z 0.4s 15.00nm 5.1mb
 GBA 57.20 260 P 33 31.10 -5.0X
 KAF 64.04 330 eP 34 22.90 0.9
 Z 0.4s 4.10nm 4.9mb
 NUR 65.64 330 eP 34 32.70 0.4
 Z 0.4s 4.90nm 5.0mb
 HFS 69.95 333 eP 34 58.50 -0.8
 Z 0.5s 2.90nm 4.6mb
 Z 19s 1.09um 5.1Msz
 LR 04 13.00
 NB2 70.13 335 P 35 00.00 -0.5
 Z 0.7s 3.80nm 4.6mb
 KIC 121.62 312 Pd diff 39 21.10 11.7X
 LIC 121.90 312 Pd diff 39 19.90 9.2X
 S.D. = 0.6 on 10 of 13 obs.
 ? SEP 05, 1992 21h 02m 02.36 ± 1.54s
 10.432 N ± 24.4km 87.186 W ± 39.6km
 DEPTH = 33.0km (normal)
 4.4mb (2 obs.)
 OFF COAST OF COSTA RICA (77)
 UYO 24.54 345 iPd 07 21.70 1.4
 TUL 26.54 344 ePd 07 39.10 0.1
 Z 0.8s 19.00nm 4.8mb

LNO 26.54 344 ePd 07 39.00 0.1
 EEO 36.74 9 ePc 09 08.90 0.5
 SIV 36.84 135 eP 09 11.00 1.3
 LMN 40.15 24 ePd 09 36.70 -0.2
 LRM 41.35 333 eP 09 51.50 4.4X
 JAO 44.22 10 eP 10 06.00 -4.1X
 BAO 46.66 123 Pd 10 29.20 -0.9
 BDF 46.75 123 Pc 10 30.50 -0.3
 YKA 55.61 345 eP 11 35.10 -2.0
 Z 0.8s 1.30nm 4.0mb
 GBA 151.66 33 PKP 21 51.40 2.1X
 S.D. = 1.2 on 9 of 12 obs.
 SEP 05, 1992 21h 48m 12.12 ± 0.23s
 11.999 N ± 4.5km 87.319 W ± 3.7km
 DEPTH = 10.0km (geophysicist)
 5.3mb (63 obs.) 6.0Msz (37 obs.)
 NEAR COAST OF NICARAGUA (74)
 Ms 6.0 (BRK). Mo=2.0*10**18 Nm
 (PPT). Felt at Chinandega,
 Masachapa and Rivas.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 65C
 Centroid Location:
 Origin Time 21:48:19.6 0.3
 Lat 11.39N 0.03 Lon 87.71W 0.03
 Dep 21.6 1.3 Half-duration 2.5
 Moment Tensor; Scale 10**18 Nm
 Mrr=-1.02 0.03 Mtt=-0.95 0.03
 Mff=-0.07 0.05 Mrt=-0.12 0.07
 Mrr=-0.30 0.06 Mtf=0.41 0.03
 Principal Axes:
 T Val= 1.12 P1g=73 Azm=111
 N -0.01 17 291
 P -1.12 0 21
 Best Double Couple: Mo=1.1*10**18
 NP1: Strike=128 Dip=48 Slip= 114
 NP2: 275 48 66
 JCR 3.04 134 ePnc 49 03.48 2.2
 SJS 3.80 122 ePnc 49 20.63 8.4X
 LCR2 3.96 124 ePnd 49 19.42 5.1X
 ICR 3.97 120 ePnc 49 21.88 7.1X
 OCR 4.02 129 ePnc 49 18.66 3.6X
 TPX 5.61 302 (P) 49 36.50 -1.1
 Z 50 19.00
 SCX 6.98 313 (P) 50 00.00 3.1X
 PBJ 9.00 300 (P) 50 21.50 -3.6X
 OXX 10.41 300 (P) 50 45.50 0.7
 PCJ 11.35 59 iPd 51 04.18 6.8X
 BBJ 11.59 56 iPd 51 10.55 9.8X
 IISM 11.92 307 (P) 51 05.50 0.3
 IIT 12.68 305 (P) 51 17.00 1.4
 ACX 13.07 293 (P) 51 21.00 0.4
 TPM 13.27 303 (P) 51 21.50 -1.9
 III 13.33 300 (P) 51 24.00 -0.2
 UNM 13.55 304 (P) 51 28.50 1.3
 BOG 15.02 118 iPc 51 53.00 6.5X
 Z 55 05.00
 IS 55 05.00
 MRX 15.38 302 (P) 51 52.50 1.6
 SDV 16.70 99 iPc 52 11.60 3.5X
 COLM 17.30 296 (P) 52 17.50 1.9
 CGX 17.31 298 (P) 52 18.00 2.3
 TOV 17.35 96 eP 52 20.00 3.8X
 Z 52 25.00
 iPP 52 25.00
 CAR 20.06 92 iPd 52 52.00 3.4X
 Z 56 46.00
 MGP 20.42 71 P 52 55.00 2.7
 PORP 20.85 71 P 52 59.00 2.2
 APR 20.87 70 P 52 59.60 2.7
 CLLP 20.92 71 P 52 59.00 1.6
 MZX 21.32 304 (P) 53 04.00 2.5
 CPD 21.52 71 P 53 05.20 1.6
 LPR 21.62 71 P 53 07.00 2.3
 HBF 21.79 16 eP 53 08.84 2.7
 SGS 22.00 15 eP 53 11.55 3.3X
 PRM 22.44 11 eP 53 15.27 2.6
 JSC 22.86 13 eP 53 18.99 2.3
 PWLA 22.89 358 eP 53 17.56 0.5
 UYO 23.01 345 iPc 53 18.80 0.6
 LHS 23.15 14 eP 53 21.52 1.9
 OLY 23.70 352 eP 53 25.33 0.4
 GBTN 23.73 6 eP 53 27.52 2.3
 TKL 23.77 7 eP 53 27.37 1.7
 GRT 24.23 356 eP 53 29.93 -0.2
 LST 24.51 355 eP 53 34.37 1.6

05d 21h

MGH	24.76	76	eP	53	35.00	-0.4	ISA	36.70	315	eP	55	21.85	0.5	CPKM	67.58	332	eP	59	09.94	-1.1	
MEO	24.89	338	iPd	53	36.00	-0.5		1.2s	30.18nm				5.0mb	HON	67.88	288	P	59	20.00	6.7X	
FKO	24.89	340	iPc	53	35.70	-0.8	EMM	36.79	24	eP	55	22.11	0.3	Z	19s	2.78um				5.5Msz	
FNO	24.89	340	iPd	53	35.70	-0.8	ABL	36.81	313	eP	55	22.52	0.1	TVO	67.92	245	iP	59	13.80	0.1	
CEH	24.92	16	iP	53	38.54	1.8	HVU	37.07	328	eP	55	24.13	-0.3		1.2s	80.00nm				5.8mb	
	0.7s	94.18nm					TNP	37.23	319	eP	55	25.86	0.0	PPN	67.99	245	iP	59	14.00	0.0	
	Z	19s	18.87um			5.6Msz		0.8s	18.47nm				4.9mb		1.2s	55.00nm				5.6mb	
TUL	25.01	344	iPc+	53	37.40	-0.2	BCH	37.59	313	eP	55	30.65	1.8	PPT	68.13	245	iP	59	15.10	0.2	
	0.8s	606.70nm				6.3mb X	PTI	37.66	329	eP	55	29.57	0.2		1.2s	45.00nm				5.5mb	
	Z	18s	14.06um			5.5Msz	BONR	37.85	318	eP	55	32.07	0.8	PAE	68.17	245	iP	59	15.20	0.1	
							HHA1	37.97	330	eP	55	32.42	0.4		1.2s	90.00nm				5.8mb	
							PKEM	38.04	315	eP	55	33.47	1.0	AFR	68.30	246	iP	59	16.10	0.2	
							PHAM	38.13	314	eP	55	31.52	-1.8		1.2s	35.00nm				5.4mb	
							KVN	38.36	320	eP	55	37.34	2.0	SVW	69.13	331	(P)	59	18.21	-2.3	
LNO	25.01	344	iPc	53	37.30	-0.2	CBM	38.40	21	eP	55	36.36	1.0		1.0s	33.67nm				5.5mb	
GRW	25.09	87	eP	53	40.65	2.0	PR1	38.47	314	eP	55	37.10	0.8	IMA	69.60	337	eP	59	21.07	-2.3	
PAG	25.19	78	eP	53	40.00	0.4	ULM	38.78	351	ePd	55	39.30	0.8		1.1s	12.57nm				5.0mb	
ELC	25.24	356	eP	53	39.07	-0.7	LMN	38.79	25	ePd	55	41.90	3.3X	TTA	69.74	333	eP	59	22.22	-2.0	
RRO	25.41	339	iPc	53	41.10	-0.3	ARN	39.68	315	eP	55	46.63	0.4		0.9s	14.06nm				5.1mb	
MGG	25.52	78	eP	53	42.00	-0.6	LRM	39.91	332	ePc	55	48.20	0.0	SDN	70.65	325	P	59	40.00	10.3X	
FDF	25.60	81	ePd	53	50.00	6.6X	BRK	40.45	316	ePc	55	54.80	2.4	Z	19s	13.23um				6.2Msz	
								Z	20s	22.00um			6.0Msz	VAL	72.68	39	P	59	42.00	0.0	
SLB	25.67	83	eP	53	44.63	0.5								KDS	73.13	80	eP	59	46.30	1.0	
DEG	25.81	77	eP	53	43.00	-2.4								EPLA	75.71	52	eP	00	13.00	13.1X	
BLA	25.86	13	eP	53	47.34	1.7	ORV	40.82	318	eP	55	56.68	1.2	EHOR	76.53	54	eP	00	06.70	2.3	
	1.0s	68.84nm				5.3mb	LBFM	42.05	320	eP	56	05.90	0.0	EPRU	76.61	55	eP	00	10.00	5.0X	
NAV	25.88	12	eP	53	46.88	1.0	JAQ	42.71	10	eP	56	09.00	-1.8	TOL	77.28	52	iP+	00	05.50	-3.1X	
NNA	26.00	156	iPd	53	47.70	0.6	SES	42.94	338	eP	56	12.00	-0.8								
	1.2s	45.31nm				5.0mb		1.0s	121.00nm				5.6mb	ECOG	77.91	54	eP	00	11.50	-0.7	
														EHUE	78.62	54	eP	00	15.50	-0.6	
FVM	26.02	354	eP	53	45.96	-1.2	FOX	42.95	318	ePc	56	13.80	0.8	ETOR	78.71	50	eP	00	17.20	0.6	
	1.2s	67.90nm				5.2mb	FHC	43.09	318	eP	56	13.80	-0.4	LPF	78.71	43	eP	00	14.00	-2.3	
SLM	26.65	355	P	54	00.00	7.1X	VGB	43.88	326	eP	56	20.86	0.4	GRR	78.80	43	eP	00	14.70	-2.0	
	Z	21s	14.84um			5.5Msz	DPW	44.10	330	eP	56	21.31	-1.0		1.0s	15.00nm				5.0mb	
ACO	26.80	339	iPd	53	53.40	-0.9	SHW	45.10	326	eP	56	30.64	0.2	FLN	79.01	42	eP	00	14.90	-3.0X	
CBN	27.57	17	iP	54	03.60	2.4	LON	45.21	327	eP	56	29.05	-2.2		0.8s	6.70nm				4.7mb	
	1.0s	90.00nm				5.5mb	RMW	45.65	328	eP	56	33.70	-1.1	Z	21s	4.70um				5.8Msz	
MCWV	28.33	12	P	54	20.00	11.8X	BMW	45.81	326	eP	56	35.04	-1.0	LDF	79.27	42	eP	00	17.10	-2.2	
	Z	20s	14.57um			5.6Msz									0.8s	7.50nm				4.8mb	
ALQ	28.70	326	eP	54	12.33	0.6	GMW	46.23	327	eP	56	37.66	-1.5	MFF	79.46	44	eP	00	18.30	-2.1	
	1.2s	92.32nm				5.4mb									0.6s	5.30nm				4.7mb	
LVNJ	30.75	19	eP	54	30.34	0.6	MCW	46.96	328	eP	56	44.24	-0.7	EGRA	79.85	49	eP	00	24.40	1.9	
JFWS	30.91	356	eP	54	29.91	-1.2	PGC	47.26	328	eP	56	47.50	0.2	LFF	80.27	46	eP	00	22.00	-2.8	
	1.0s	102.17nm				5.7mb		1.0s	60.00nm				5.6mb		0.9s	11.80nm				4.9mb	
GMTN	31.00	20	eP	54	34.60	2.6	PEL	47.61	161	eP	56	50.00	-0.3	ADK	80.28	321	iPc	00	25.40	0.8	
PNJ	31.03	20	iP	54	35.00	2.8	BAO	47.63	124	Pd	56	49.50	-1.3		1.0s	131.88nm				5.9mb	
DLA	31.15	8	P	54	33.70	0.5								EROQ	80.56	50	eP	00	29.00	2.6	
TBR	31.22	19	eP	54	35.02	1.1								LPO	80.62	46	eP	00	24.80	-1.9	
LDN	31.38	9	P	54	35.50	0.2									0.9s	13.60nm				5.0mb	
ELF	31.51	8	P	54	36.50	0.0								E8R	80.63	50	eP	00	26.00	-0.7	
GOL	31.88	333	eP	54	39.90	-0.2								RJF	80.77	46	eP	00	25.30	-2.1	
	1.2s	141.72nm				5.8mb									1.1s	10.00nm				4.7mb	
	Z	20s	12.41um			5.6Msz	ITB1	48.58	139	e(P)	56	59.80	2.0	CAF	81.21	46	eP	00	27.00	-2.0	
STCO	31.89	11	P	54	41.22	1.5	PPD	48.90	134	eP	57	00.50	0.1		1.0s	5.60nm				4.6mb	
ACTO	32.11	10	P	54	41.43	-0.3								LIC	81.22	85	P	00	29.80	-0.5	
WLVO	32.73	12	P	54	48.50	1.5	ITR	52.80	111	eP	57	28.30	-2.0	KIC	81.47	85	P	00	29.20	-2.5	
GLA	32.76	314	eP	54	47.28	-0.2								AVF	81.83	44	eP	00	30.30	-2.6	
ZOBO	33.91	146	P	54	58.00	-0.4	YKA	54.08	345	P	57	37.20	-1.7		1.2s	8.35nm				4.7mb	
	1.2s	77.70nm				5.5mb		0.9s	45.00nm				5.5mb	UCC	81.87	40	P	00	34.00	1.0	
SRU	33.96	327	iPc	54	57.60	-0.5	LPA	54.34	150	eP+	57	47.00	5.9X	SSF	81.89	44	eP	00	30.90	-2.3	
LPB	34.13	146	P	55	02.00	2.0		Z	18s	8.25um			5.8Msz		0.8s	2.15nm				4.3mb	
	1.0s	80.00nm				5.6mb	SIT	57.95	331	P	58	07.00		LOR	82.09	43	eP	00	32.00	-2.3	
	Z	18s	20.62um			5.9Msz									0.8s	4.85nm				4.7mb	
														DOU	82.13	41	P	00	29.00	-5.4X	
RSNY	34.24	16	(P)	55	00.12	-0.1	RKT	58.26	233	iP	58	10.40	1.0		Z	20s	6.00um				6.0Msz
	0.9s	112.37nm				5.8mb		1.4s	145.00nm				5.8mb								
	Z	21s	28.20um			6.0Msz	BALM	63.04	333	eP	58	39.93	-1.7								
PLM	34.36	313	eP	55	02.16	0.6	KLU	64.80	333	iPd	58	51.82	-1.3								
CNCB	34.42	146	iPc	55	05.00	2.3	RUV	65.31	247	iP	58	57.20	0.2								
MSU	34.45	324	eP	55	02.55	0.1		1.3s	85.00nm				5.8mb	DBN	82.17	38	eP	00	36.00	1.5	
EMUT	34.63	327	eP	55	03.66	-0.2	TPT	65.45	247	iP	58	58.10	0.2		Z	20s	5.70um				5.9Msz
ARUT	34.71	322	eP	55	05.04	0.5		1.3s	55.00nm				5.6mb								
PEC	34.85	314	(P)	55	06.73	1.1	VAH	65.55	247	iP	58	58.70	0.2								
	1.4s	44.73nm				5.2mb		1.3s	95.00nm				5.8mb	SMF	82.18	44	eP	00	32.00	-2.8	
RSSD	35.09	339	(P)	55	07.41	-0.4	PMO	65.71	247	iP	59	00.00	0.5		0.7s	3.65nm				4.6mb	
	0.9s	68.04nm				5.5mb		1.3s	70.00nm				5.7mb	ENN	82.85	40	eP	00	40.00	1.9	
	Z	21s	13.73um			5.7Msz	PMR	66.27	333	(P)	59	00.83	-1.6	WTS	83.18	38	eP	00	40.00	0.2	
EEO	35.23	10	eP	55	11.50	2.9X		1.0s	33.99nm				5.5mb		0.9s	10.00nm				5.0mb	
BNH	35.28	20	eP	55	09.23	0.1	SLKM	66.42	331	iPd	59	01.80	-1.7	WLF	83.19	41	P	00	33.00	-6.9X	
DAU	35.29	32																			

	N 16s		1.94um			
	E 16s		4.73um			
			PP	09	55.00	
OIS	134.29	253	ePKP	07	31.30	-1.5
	0.6s		4.00nm			
CD2	136.03	346	PKP	07	36.50	0.6
	Z 24s		6.31um			6.3MszX
	E 17s		2.57um			
			PP	10	20.00	
NDI	136.88	20	ePKP	07	37.50	0.0
			ePP	11	14.00	
LSA	138.52	2	PKP	07	34.20	-7.0X
	Z 26s		4.17um			6.1MszX
	N 30s		3.59um			
	E 32s		2.83um			
			sPKP	07	44.50	
			PP	10	29.00	
ASPA	139.22	248	ePKP	07	34.10	-7.9X
			i	07	42.40	
			ePKS	11	25.20	
GYA	139.43	341	PKP	07	35.00	-7.4X
	Z 42s		3.56um			5.8MszX
	N 22s		4.02um			
	E 22s		2.31um			
			PP	10	38.00	
GKN	139.48	11	PKP	07	38.82	-3.7X
GZH	139.69	330	ePKP	07	38.00	-4.8X
	Z 26s		2.97um			5.9MszX
			PP	10	36.00	
GUN	139.78	9	PKP	07	39.28	-4.1X
KKN	139.80	10	PKP	07	38.92	-4.3X
HKC	139.92	328	ePKP	07	42.00	-1.2
DMN	139.95	10	PKP	07	38.86	-4.7X
PKI	140.04	10	PKP	07	38.86	-4.9X
BAG	140.53	315	ePKP	07	34.00	-10.7X
KMI	141.82	345	PKP	07	47.00	0.1
	Z 22s		5.70um			6.3Msz
	N 20s		3.90um			
	E 20s		3.50um			
			PKS	11	24.00	
DAV	142.19	298	ePKP	07	44.00	-3.6X
POO	144.43	32	iPKPc	07	42.00	-9.3X
KNA	144.80	260	ePKP	07	49.80	-2.1
QIZ	144.83	331	PKPc	07	51.60	-0.3
	N 17s		1.84um			
	E 16s		1.52um			
			PP	11	10.00	
			SS	29	50.00	
WARB	145.07	241	ePKP	07	50.00	-2.2X
PPR	146.26	309	ePKPd	07	58.00	3.6X
HYB	147.61	26	ePKP	07	56.70	0.2
	1.0s		60.00nm			
CHG	148.77	349	ePKPd	07	58.50	0.1
	1.2s		121.09nm			
TSM	150.18	301	ePKP	08	03.00	2.4X
BDT	150.28	348	ePKP	08	00.00	-0.6
	1.2s		331.70nm			
GBA	150.41	31	PKP	08	01.70	0.9
KKM	150.52	306	ePKPc	08	05.80	4.6X
NST	151.53	345	ePKP	08	04.00	1.5
MBL	152.47	247	ePKP	08	09.00	5.2X
KHT	152.75	347	ePKP	08	05.00	0.7
WSI	152.79	272	ePKPd	08	13.80	9.4X
NNT	154.59	344	ePKP	08	01.20	-5.6X
IPM	161.56	333	ePKPd	08	13.00	-2.1X
KGM	162.52	322	ePKP	08	18.00	1.9
S.D. = 1.4 on 225 of 277 obs.						
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& SEP 05, 1992 22h 28m 08.50s						
37.455 N 118.599 W						
DEPTH = 9.2km						
CALIFORN						

05d 22h

BCH	2.56	208	ePn	28	51.01	0.0
ABL	2.65	191	ePn	28	53.14	0.8
ORV	3.09	314	ePn	28	56.58	-1.8
			eS	29	44.00	
SSK	3.32	167	eP	29	03.82	2.0
PEC	3.74	161	(Pn)	29	08.54	0.8
ARUT	4.11	84	ePn	29	13.09	0.1
			ePg	29	25.50	
			S	30	20.30	
PLM	4.33	160	ePn	29	16.04	-0.1
			eS	30	31.22	

16 obs. associated

& SEP 05, 1992 22h 36m 45.06s
34.085 N 119.025 W
DEPTH = 16.7km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.8 (GS).

BLG	0.04	307	iPd	36	47.93	-0.3
TPRS	0.36	89	eP	36	52.24	-0.4
SCY	0.47	87	eP	36	53.86	-0.7
			S	37	02.95	
DHB	0.54	97	eP	36	56.25	0.7
			S	37	04.77	
GFP	0.60	86	ePc	36	55.65	-1.0
PVPS	0.60	120	eP	36	56.97	0.3
			S	37	06.13	
PVRC	0.64	121	eP	36	57.13	-0.2
			S	37	07.57	
PAS	0.71	85	eP	36	57.56	-1.1
FMA	0.72	121	eP	36	58.47	-0.3
			S	37	10.14	
CIW	0.73	147	ePd	36	58.79	-0.2
			S	37	09.90	
ABL	0.78	348	iPd	36	58.94	-1.0
			S	37	08.65	
RCP2	0.80	112	eP	37	01.42	1.3
			S	37	13.17	
MWC	0.81	80	ePc	36	59.65	-0.9
CIS	0.85	142	eP	37	00.26	-0.8
			S	37	14.01	
LNAS	0.86	110	eP	37	01.83	0.7
			S	37	14.57	
PEM	0.96	85	eP	37	02.05	-0.9
			S	37	17.30	
PCF	1.03	91	eP	37	03.59	-0.4
			S	37	18.64	
VPD	1.08	104	eP	37	04.28	-0.7
SSK	1.11	83	eP	37	04.90	-0.7
PEC	1.56	97	eP	37	10.61	-1.6
			S	37	32.45	
PLM	1.95	111	eP	37	17.06	-0.8

21 obs. associated

& SEP 05, 1992 23h 43m 14.40s
34.257 N 116.436 W
DEPTH = 2.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.3 (PAS), 3.3 (GS).

PEC	0.70	239	iPc	43	28.39	-0.1
PLM	0.97	202	iPd	43	32.45	-1.2
			eS	43	44.36	
SSK	1.04	268	iPc	43	33.74	-1.1
			eS	43	47.91	
GLA	1.80	131	eP	43	44.15	-2.5
ISA	2.18	311	ePnd	43	49.84	-2.4
			ePg	43	54.84	
ABL	2.37	285	ePn	43	54.50	-0.6
TPNV	2.69	3	ePn	43	59.41	-0.1
BCH	3.14	288	eP	44	05.02	-0.9
TNP	3.87	351	(Pn)	44	15.51	-0.8
			ePg	44	25.82	
BONR	3.99	338	(Pn)	44	17.81	-0.3
			ePg	44	28.57	
ARUT	4.28	34	ePn	44	20.42	-1.7
MSU	5.46	38	ePn	44	37.88	-1.1

12 obs. associated

& SEP 06, 1992 00h 00m 29.26s
34.353 N 116.471 W
DEPTH = 0.2km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC	0.73	231	ePd	00	43.15	-0.8
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SSK	1.02	262	eP	00	48.55	-1.1
PLM	1.05	198	eP	00	48.94	-1.2
GLA	1.89	133	ePn	01	00.70	-2.4
ISA	2.10	309	ePn	01	06.53	0.3
ABL	2.32	283	ePn	01	09.00	-0.6
TPNV	2.60	4	ePn	01	18.26	4.9
BCH	3.09	287	(P)	01	20.03	-0.3
BONR	3.89	338	(Pn)	01	36.33	4.5
			ePg	01	42.78	
MSU	5.41	39	(P)	02	00.66	7.3

10 obs. associated

SEP 06, 1992 00h 46m 35.43±0.93s
40.081 N ± 6.1km 23.747 E ± 8.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.3 (THE).

PAIG	0.16	199	iPg	46	38.94	-0.2
			eSg	46	41.58	
OUR	0.31	35	ePg	46	41.94	0.1
SOM	0.80	338	ePg	46	50.22	-0.7
			eSg	47	01.50	
THE	0.81	313	ePg	46	50.78	-0.4
LIT	0.96	272	ePg	46	54.34	0.6
			eSg	47	06.74	
SRS	1.04	354	ePg	46	55.74	0.7
			eSg	47	09.34	
GRG	1.35	311	ePb	47	00.30	0.0

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

* SEP 06, 1992 01h 30m 12.21±0.75s
11.542 N ± 10.9km 87.403 W ± 14.4km
DEPTH = 10.0km (geophysicist)
4.4mb (6 obs.)
NEAR COAST OF NICARAGUA (74)

PRM	22.91	11	eP	35	18.15	0.8
JSC	23.32	13	eP	35	22.06	0.7
PWLA	23.34	359	eP	35	21.42	-0.1
UYO	23.42	345	iPd	35	23.20	0.8
LHS	23.61	14	(P)	35	24.72	0.6
OLY	24.14	352	eP	35	27.95	-1.3
GBTN	24.19	6	eP	35	29.98	0.2
TKL	24.23	7	eP	35	30.16	-0.1
MEO	25.28	338	iPc	35	40.70	0.4
CEH	25.38	16	eP	35	40.83	-0.4
	0.5s		10.31nm		4.8mb	
TUL	25.42	344	ePd	35	42.70	1.1
	0.8s		56.60nm		5.3mb	
			e	35	49.70	
			e	36	08.50	
LNO	25.42	344	ePd	35	42.50	1.0
ELC	25.69	357	eP	35	42.37	-1.7
SRU	34.30	327	(P)	37	01.16	0.1
RSNY	34.70	16	eP	37	02.79	-1.5
	0.7s		6.42nm		4.6mb	
MSU	34.78	325	eP	37	04.89	-0.4
RSSD	35.49	339	eP	37	11.71	0.4
	0.5s		1.73nm		4.2mb	
			ePcP	39	40.90	
EEO	35.69	10	eP	37	14.00	1.4
BW06	36.60	332	eP	37	20.00	-0.7
	0.6s		1.01nm		3.8mb	
SIV	37.78	136	eP	37	32.00	1.4
BONR	38.14	319	(P)	37	34.36	0.6
ULM	39.22	351	eP	37	43.50	1.2
BAO	47.45	124	Pd	38	48.60	-0.8
			e	38	49.70	
			e	39	05.50	
			e	39	12.30	
BDF	47.53	124	Pd	38	50.00	-0.1
YKA	54.50	345	eP	39	40.80	-1.3
	0.6s		1.20nm		4.1mb	
MBC	66.92	352	eP	41	04.00	-2.5

S.D. = 1.1 on 26 of 26 obs.

& SEP 06, 1992 02h 09m 36.87s
33.961 N 116.316 W
DEPTH = 7.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS).

PEC	0.71	265	iPc	09	49.76	-1.3
PLM	0.76	217	iPd	09	50.97	-1.0
			eS	10	00.60	
SSK	1.17	283	eP	09	57.92	-1.1

GLA	1.54	126	eS	10	13.41	
			ePn	10	02.67	-2.0
			iPg	10	04.96	
ISA	2.46	314	ePn	10	15.58	-2.4
			ePg	10	21.28	
ABL	2.56	291	eP	10	17.77	-1.8
TPNV	2.98	1	eP	10	24.30	-1.2
ARUT	4.48	31	(P)	10	46.96	0.3
			8 obs. associated			

* SEP 06, 1992 02h 51m 21.03±1.01s
13.155 N ± 14.0km 91.219 W ± 8.2km
DEPTH = 10.0km (geophysicist)
4.4mb (7 obs.)
NEAR COAST OF GUATEMALA (71)

TPX	2.01	330	iP	51	52.50	-2.9
			iS	52	12.50	
SCX	3.81	339	eP	52	23.50	2.4X
OXX	6.59	307	iP	53	00.00	-0.7
IISM	8.29	315	eP	53	22.50	-1.6
IIT	8.97	311	(P)	53	33.50	-0.3
ACX	9.13	295	(P)	54	10.50	34.7X
III	9.49	304	(P)	53	43.00	2.1
TPM	9.51	309	(P)	53	41.00	-0.2
UNM	9.81	310	(P)	54	02.50	17.0X
MRX	11.57	306	eP	54	10.50	1.2
			(S)	57	38.50	
COLM	13.39	298	(P)	54	41.00	7.2X
OLY	22.25	359	eP	56	19.86	0.2
PRM	22.34	20	eP	56	21.02	0.5
MEO	22.54	344	iPd	56	20.90	-1.7
LNO	23.03	350	e(P)	56	30.60	3.4X
LHS	23.24	22	iP	56	30.32	1.0
GBTN	23.29	15	eP	56	30.81	1.0
TKL	23.39	15	eP	56	31.81	1.0
ELC	24.10	4	eP	56	37.28	-0.4
CEH	25.14	24	eP	56	48.01	0.3
ALO	25.70	330	iPc	56	54.41	1.1
	0.8s		5.52nm		4.3mb	
GOL	29.24	337	iPc	57	25.86	0.3
	0.8s		4.46nm		4.3mb	
SRU	30.98	330	iP	57	41.44	0.5
MSU	31.36	327	eP	57	45.11	0.7
DAU	32.35	331	iP	57	53.92	0.8
BW06	33.51	335	(P)	58	06.50	3.4X
	0.5s		0.42nm		3.6mb	
RSNY	34.39	21	iP	58	09.75	-0.6
	0.8s		3.84nm		4.4mb	
EEO	34.91	15	eP	58	16.50	1.6
ULM	37.19	355	eP	58	37.00	3.0X
LRM	37.19	335	eP	58	34.60	0.1
LPB	37.31	142	eP	58	35.00	-0.9
VGB	40.84	328	eP	59	05.98	1.4
LON	42.20	329	iPd	59	16.64	0.9
JAO	42.37	14	eP	59	15.00	-1.9
RMW	42.68	329	eP	59	20.33	0.7
YKA	52.02	346	eP	00	30.80	-1.8
	0.8s		4.80nm		4.5mb	
KLU	62.07	334	iPc	01	44.35	0.3
MBC	64.84	353	ePc	02	00.50	-1.5
	0.6s		3.00nm		4.7mb	
TTA	66.99	333	iP	02	15.06	-1.0
	0.7s		4.20nm		4.7mb	
CHG	146.69	342	ePKP	11	07.80	3.9X
BDT	148.15	341	ePKP	11	12.40	6.2X
GBA	151.14	23	PKP	11	19.60	8.8X

S.D. = 1.2 on 32 of 42 obs.

& SEP 06, 1992 02h 56m 11.45s
34.454 N 116.531 W
DEPTH = 4.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.2 (GS).

PEC	0.77	223	iPc	56	25.37	-1.4
			(S)	56	35.01	
SSK	0.99	256	iPc	56	29.55	-1.4
PLM	1.13	194	iPd	5		

PHAM 3.46 295 (Pn) 57 07.59 0.5
 TNP 3.66 351 ePn 57 07.86 -2.4
 BONR 3.78 338 ePn 57 10.95 -1.0
 ARUT 4.16 36 eP 57 15.10 -2.2
 ARN 4.98 307 eP 57 28.50 -0.3
 14 obs. associated

% SEP 06, 1992 04h 18m 25.17±0.88s
 18.130 N ± 9.4km 76.923 W ± 6.7km
 DEPTH = 10.0km (geophysicist)
 JAMAICA REGION (86)
 Felt (IV) in St. Andrew Parish.

STH 0.12 116 iPc 18 28.54 0.4
 S 18 31.15
 HOJ 0.21 128 iPd 18 29.58 -0.1
 S 18 33.16
 BBJ 0.41 308 iP 18 33.56 -0.1
 S 18 40.42
 PCJ 0.45 211 iP 18 34.39 0.0
 YHJ 0.47 120 iP 18 34.55 -0.2
 S.D. = 0.4 on 5 of 5 obs.

* SEP 06, 1992 04h 21m 56.01±1.00s
 32.621 S ± 5.8km 71.761 W ± 13.4km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.4 (SAN).

ROCH 0.72 119 iPd 22 09.26 -0.7
 LCCH 0.87 169 iPd 22 11.19 -0.6
 S 22 23.10
 JACH 0.99 94 iPd 22 13.28 -0.4
 S 22 26.14
 PEL 1.04 120 iP 22 14.34 -0.1
 S 22 26.92
 TACH 1.24 146 iPd 22 17.00 -0.1
 SAN 1.24 132 iPd 22 17.23 0.1
 S 22 32.60
 LNV 1.36 168 iP+ 22 18.45 -0.4
 S 22 36.02
 FCH 1.42 120 iPd 22 20.17 0.1
 S 22 38.40
 PCH 1.45 134 iPd 22 20.32 0.1
 S 22 38.84
 CHCH 1.60 145 iPd 22 22.96 0.5
 S 22 44.09
 CACH 1.78 147 iP+ 22 26.31 1.2
 TLL 2.58 19 iP 22 41.50 4.9X
 ZON 2.83 69 eP 22 45.00 5.1X
 CNCB 16.11 13 eP 25 44.00 1.8
 LPB 16.36 13 (P) 25 43.00 -2.2
 ZOBO 16.59 12 eP 25 49.00 0.6
 PPD 20.97 65 (P) 26 35.00 -3.7X
 S.D. = 1.0 on 14 of 17 obs.

* SEP 06, 1992 04h 37m 27.67±1.71s
 39.989 N ± 9.9km 19.903 E ± 16.3km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 ML 2.8 (TIR).

IGT 0.56 144 eP 37 39.12 0.0
 eS 37 50.32
 OHR 1.31 31 iPn 37 51.20 -0.8
 iSn 38 11.20
 TIR 1.36 359 ePn 37 53.00 0.4
 iSn 38 12.50
 FNA 1.38 54 eP 37 52.52 -0.4
 LACI 1.65 355 ePn 37 56.50 -0.3
 iSn 38 23.00
 LIT 1.99 86 eP 38 00.00 -0.9
 AGG 2.11 116 eP 38 08.04 4.5X
 GRG 2.14 62 eP 38 05.88 2.0
 S.D. = 1.2 on 7 of 8 obs.

% SEP 06, 1992 05h 10m 25.68±0.64s
 42.412 N ± 6.7km 19.421 E ± 5.4km
 DEPTH = 13.3 ± 6.2 km
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTC).

TTG 0.12 279 iPg 10 29.02 0.0
 iSg 10 31.79
 PVY 0.45 66 iPg 10 34.58 -0.3
 iSg 10 41.33
 BDV 0.46 254 iPg 10 34.48 -0.6

ULC 0.47 196 iSg 10 42.19
 iPg 10 35.21 0.0
 NKY 0.51 322 iPg 10 42.21
 iSg 10 35.69 -0.3
 iSg 10 43.33
 IVA 0.58 37 iPg 10 36.83 -0.4
 iSg 10 45.51
 HCY 0.68 273 iPg 10 38.78 -0.2
 iSg 10 49.28
 PLE 0.92 359 iPg 10 43.04 0.0
 iSg 10 56.49
 S.D. = 0.3 on 8 of 8 obs.

& SEP 06, 1992 06h 55m 32.32s
 34.023 N 117.192 W
 DEPTH = 6.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.8 (GS).

PEC 0.13 169 iPd 55 35.15 -0.1
 SSK 0.46 294 iPc 55 40.95 -0.6
 PCF 0.50 274 iPd 55 40.95 -1.4
 S 55 49.29
 VPD 0.52 247 iPc 55 42.20 -0.5
 S 55 49.79
 PEM 0.58 285 iPc 55 43.18 -0.8
 SNS 0.66 207 eP 55 44.88 -0.7
 S 55 54.31
 FLAS 0.67 257 eP 55 45.56 -0.2
 S 55 55.02
 PLM 0.72 157 iPc 55 45.58 -1.2
 eS 55 54.54
 MWC 0.75 286 iPc 55 45.99 -1.2
 LNAS 0.75 252 eP 55 47.06 -0.3
 S 55 58.65
 RCP2 0.82 253 ePc 55 48.47 -0.1
 S 56 00.19
 PAS 0.82 279 ePc 55 47.11 -1.5
 S 56 00.01
 LCL 0.85 257 eP 55 48.97 -0.1
 S 56 01.31
 GFP 0.93 277 eP 55 49.02 -1.4
 S 56 03.00
 FMA 0.96 252 eP 55 49.79 -1.1
 DHB 0.99 270 eP 55 50.79 -0.7
 S 56 05.28
 PVRC 1.02 255 eP 55 50.74 -1.2
 S 56 04.67
 PVPS 1.03 257 ePc 55 51.00 -1.2
 S 56 05.11
 SCY 1.05 275 ePc 55 50.90 -1.6
 S 56 06.03
 TPRS 1.16 274 eP 55 53.11 -1.2
 CIS 1.18 239 eP 55 53.25 -1.5
 S 56 09.98
 CIW 1.26 244 eP 55 54.09 -2.0
 S 56 12.36
 ABL 1.87 297 eP 56 03.94 -1.4
 ISA 1.95 328 ePnc 56 05.11 -1.2
 GLA 2.20 115 ePn 56 07.76 -2.2
 ePg 56 12.58
 BCH 2.65 297 ePn 56 16.02 -0.4
 ePg 56 19.83
 TPNV 3.02 14 ePn 56 17.96 -3.7
 iPg 56 21.74
 BONR 4.03 347 (Pn) 56 35.59 -0.5
 TNP 4.05 360 (Pn) 56 35.38 -1.0
 ARUT 4.84 38 iPd 56 46.46 -1.1
 SRU 7.39 45 (P) 57 21.29 -2.1
 31 obs. associated

? SEP 06, 1992 07h 24m 23.74±5.15s
 51.433 N ± 37.5km 16.097 E ± 32.3km
 DEPTH = 5.0km (geophysicist)
 POLAND (548)
 MG 2.8 (WAR).

KSP 0.60 168 iP 24 35.00 -0.8
 0.3s 63.00nm
 iS 24 43.60
 e 24 50.50
 BRG 1.47 248 iPg 24 51.20 0.4
 iSg 25 11.40
 CLL 1.94 268 iPn 24 57.10 -0.6
 ePg 25 00.00
 iSg 26 26.50
 VRAC 2.15 171 ePn 25 01.50 0.8

eSg 25 32.80
 OJC 2.64 116 eP 25 14.30 6.5X
 iS 25 48.20
 KHC 2.81 216 Pn 25 10.50 0.2
 e 25 15.60
 MOX 2.94 256 ePg 25 19.30 7.4X
 iSg 25 59.30
 S.D. = 1.0 on 5 of 7 obs.

? SEP 06, 1992 08h 05m 33.87±5.87s
 32.602 S ± 35.9km 71.742 W ± 30.3km
 DEPTH = 21.2 ± 7.3 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.6 (SAN).

ROCH 0.72 121 iPd 05 48.12 0.4
 iS 05 57.08
 LCCH 0.88 171 iPd 05 50.59 0.2
 iS 06 01.74
 JACH 0.97 95 iP 05 52.14 0.1
 iS 06 04.54
 PEL 1.04 122 iP 05 53.18 0.1
 iS 06 06.44
 SAN 1.24 133 iP 05 55.78 -0.3
 iS 06 12.22
 TACH 1.25 147 iP 05 56.09 0.0
 iS 06 12.05
 LNV 1.38 168 iP 05 57.45 -0.4
 iS 06 14.78
 FCH 1.42 121 iPd 05 59.00 0.2
 iS 06 16.62
 PCH 1.45 135 iP+ 05 59.40 0.4
 iS 06 17.82
 CHCH 1.61 146 iP 06 02.37 1.0
 iS 06 22.55
 CACH 1.79 148 iP 06 05.81 1.8
 iS 06 29.29
 S.D. = 0.7 on 11 of 11 obs.

SEP 06, 1992 08h 20m 49.67±0.64s
 40.194 N ± 5.2km 142.339 E ± 6.9km
 DEPTH = 58.2 ± 5.4 km
 4.6mb (25 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 1.23 205 iPd 21 09.80 -1.1
 S 21 25.70
 AOMJ 1.55 284 P 21 16.20 0.9
 HOOJ 2.30 18 P 21 26.30 0.5
 eS 21 53.00
 MRRJ 2.43 337 iPd 21 28.00 0.4
 S 21 56.90
 YAMJ 2.70 222 P 21 32.00 0.5
 eS 22 07.20
 KUSJ 3.40 31 P 21 39.10 -2.3
 eS 22 16.30
 ASAJ 3.93 3 P 21 48.70 -0.1
 NIJJ 3.94 223 P 21 49.70 0.7
 MAT 4.88 223 iPc 22 03.00 0.7
 eS 23 09.00
 CHJJ 4.91 214 P 22 02.00 -0.7
 MTMJ 5.07 226 P 22 06.00 1.0
 TSRJ 6.85 229 P 22 31.60 1.9
 MDJ 10.41 299 eP 23 20.00 1.2
 0.9s 21.00nm 5.2mb
 CN2 13.07 292 eP 24 00.00 5.7X
 SSE 19.40 249 Pc 25 13.00 -0.7
 1.0s 18.00nm 4.3mb
 BJI 19.99 278 eP 25 17.00 -2.9X
 TIA 20.19 267 eP 25 20.00 -2.0
 NJ2 20.60 254 eP 25 24.00 -2.2
 0.8s 31.00nm 4.7mb
 YAK 23.16 345 iPd 25 49.20 -2.2
 0.7s 48.00nm 5.0mb
 e 29 55.00
 LZH 30.39 275 eP 26 56.50 -2.0
 1.0s 12.00nm 4.6mb
 GTA 32.45 283 eP 27 15.60 -0.9
 0.8s 5.00nm 4.4mb
 GYA 32.58 256 P 27 16.40 -1.2
 0.8s 9.40nm 4.7mb
 KMI 36.25 258 eP 27 49.00 -0.3
 WMO 40.15 294 P 28 21.50 0.0
 0.8s 7.90nm 4.6mb
 CHG 42.84 253 eP 28 44.10 0.4
 1.0s 10.00nm 4.5mb
 FBA 46.06 34 (P) 29 08.05 -0.9

POO	21.48	131	iPc	46	57.50	1.1
GKN	24.46	96	P	47	25.90	0.2
DMN	24.98	97	P	47	31.06	0.1
KKN	25.06	96	P	47	30.76	-0.9
PKI	25.25	97	P	47	33.16	-0.4
HYB	25.38	125	eP	47	35.00	0.6
	1.0s	80.00nm				5.3mb
		eS		52	06.00	
GUN	25.52	96	P	47	35.84	-0.3
OBN	25.56	332	iPc	47	36.20	0.5
	1.0s	190.00nm				5.7mb
Z	12s	1.00um				4.6Mszz
N	13s	1.30um				
E	12s	0.60um				
		ePp	48	07.00	150kmx	
		eSp	48	21.00		
		ePP	48	41.00		
		ePPP	48	53.00		
		(S)	52	08.00		
		eSs	52	59.00		
		eSS	53	20.00		
		LQ	57	12.00		
WMO	25.85	58	P	47	39.50	0.7
	1.2s	65.00nm				5.1mb
Z	20s	1.87um				4.6Mszz
N	10s	1.75um				
		sP	47	54.00		
		PP	48	20.00		
		S	52	11.00		
		sS	52	17.00		
		SS	53	14.00		
ISR	25.86	305	ePd	47	42.00	3.2X
VR1	25.94	307	ePc	47	40.00	0.5
MLR	26.36	305	ePd	47	45.00	1.5
GBA	27.44	132	P	47	54.30	0.9
LSA	29.33	89	eP	48	10.80	-0.2
N	14s	2.51um				
		S	53	03.00		
OHR	29.40	295	eP	48	08.70	-2.4
OJC	31.66	312	eP	48	30.80	0.0
	1.1s	77.00nm				5.5mb
		e	48	37.40	23km	
		e	48	44.90		
NUR	33.91	332	eP	48	49.20	-1.1
	0.8s	11.30nm				4.8mb
KSP	33.98	312	eP	48	51.00	-0.1
KAF	34.31	335	eP	48	54.30	0.6
	0.8s	5.80nm				4.6mb
GTA	34.65	68	eP	48	57.60	0.5
	1.0s	14.00nm				4.8mb
Z	16s	1.72um				4.9Mszz
E	10s	1.29um				
		pP	49	04.60	24km	
		eS	54	30.00		
PRU	34.89	311	eP	49	03.50	4.7X
		e	49	45.50	202kmx	
		e	50	19.00		
		e	51	31.00		
		e	58	42.00		
AQU	34.96	297	P	49	05.60	6.0X
GEC2	35.23	308	ePc	49	01.30	-0.6
	0.8s	3.75nm				4.4mb
		e	49	06.70	18km	
		e	49	10.40		
		e	49	24.30		
KHC	35.35	309	eP	49	02.00	-0.9
		e	49	12.50	36kmx	
		e	49	43.50		
		e	50	48.00		
BRG	35.44	312	eP	49	05.80	2.3
	1.6s	14.00nm				4.6mb
CRE	36.02	299	P	49	09.20	0.5
CLL	36.11	312	iPd	49	09.90	0.7
Z	18s	1.00um				4.6Mszz
PGD	36.19	300	P	49	11.10	0.9
WTTA	36.41	305	iPc	49	10.90	-1.1
	0.9s	17.60nm				4.9mb
		i	49	17.10	21km	
		i	49	27.30		
FIR	36.53	300	eP	49		

	N	15 s	1.22um				
			pP	49	32.50	15km	
HFS		38.43	327 eP	49	28.20	-0.3	
		1.0 s	46.50nm			5.2mb	
Z		15 s	0.50um			4.5MszX	
			LR	05	12.00		
SBF		39.29	300 eP	49	35.40	-0.6	
		0.9 s	35.85nm			5.1mb	
CDF		39.42	307 eP	49	35.40	-1.7	
		0.9 s	6.40nm			4.3mb	
CD2		39.42	81 eP	49	37.00	-0.3	
Z		19 s	1.11um			4.7Msz	
N		15 s	1.45um				
BSF		39.72	306 eP	49	38.70	-0.9	
		1.0 s	7.20nm			4.3mb	
LPG		39.73	302 eP	49	38.80	-1.1	
		1.0 s	11.00nm			4.5mb	
LPL		39.74	302 eP	49	38.90	-1.1	
		0.8 s	8.35nm			4.5mb	
BNI		39.79	302 P	49	39.80	-0.5	
NB2		39.91	327 P	49	40.20	-0.7	
		1.1 s	29.80nm			4.9mb	
HAU		40.02	306 eP	49	40.70	-1.3	
		0.8 s	6.05nm			4.4mb	
Z		19 s	0.13um			3.8Msz	
WLF		40.23	309 P	49	35.00	-8.6X	
CHG		40.25	101 ePc	49	43.30	-0.9	
		0.9 s	25.21nm			4.9mb	
KMI		40.57	90 Pd	49	46.50	-0.5	
		1.2 s	40.00nm			5.0mb	
Z		16 s	1.20um			4.8MszX	
			sP	50	02.00		
			eS	56	00.00		
BDT		41.11	103 eP	49	51.00	-0.1	
DOU		41.26	309 P	49	48.00	-4.1X	
			e	51	19.70	495kmx	
			e	59	26.00		
LBF		41.63	305 eP	49	54.30	-0.9	
		1.3 s	10.85nm			4.4mb	
LOR		41.70	305 eP	49	54.60	-1.2	
		0.8 s	3.65nm			4.2mb	
Z		21 s	0.10um			3.7Msz	
SMF		41.73	304 eP	49	55.40	-0.6	
		1.0 s	18.40nm			4.8mb	
SSF		41.95	305 eP	49	57.10	-0.7	
		1.2 s	15.75nm			4.6mb	
AVF		42.06	304 eP	49	58.00	-0.7	
		1.1 s	17.60nm			4.7mb	
BTO		42.30	65 eP	50	02.00	1.1	
N		15 s	1.41um				
E		15 s	0.53um				
			ePp	50	06.00	13km	
MAF		42.63	304 eP	50	03.00	-0.4	
		1.2 s	17.55nm			4.7mb	
XAN		42.77	75 Pd	50	04.50	-0.2	
		1.0 s	11.00nm			4.5mb	
Z		16 s	1.00um			4.8MszX	
N		14 s	1.04um				
E		14 s	0.69um				
TCF		42.87	304 eP	50	05.00	-0.4	
		1.2 s	19.05nm			4.7mb	
CAF		43.07	302 eP	50	06.60	-0.4	
		1.1 s	9.50nm			4.4mb	
G YA		43.32	86 P	50	08.40	-1.0	
Z		28 s	1.41um			4.7MszX	
N		18 s	1.11um				
E		18 s	0.85um				
			S	56	40.00		
RJF		43.42	302 eP	50	09.60	-0.2	
		0.8 s	5.90nm			4.4mb	
Z		19 s	0.15um			3.9Msz	
HHC		43.43	64 eP	50	12.00	1.9	
Z		22 s	1.16um			4.7Msz	
N		15 s	0.96um				

						HCY						0.45	161	iPgc	02	50.78	0.0	EZN	1.24	298	ePn	26	29.10	0.1																			
						NKY						0.52	97	iSg	02	57.63		YLV	1.81	43	ePn	26	36.30	-1.1																			
																		S.D. = 0.9 on 6 of 6 obs.																									
EKA	46.20	317	P																																								
						0.6s						7.60nm						4.8mb																									
BJI	47.03	64	eP			50 43.00						4.3X																															
						Z 24s						0.96um						4.7MsZ																									
						N 16s						1.75um																															
EVIA	47.44	294	eP			50 42.50						0.4																															
TOL	48.32	296	ePd			50 48.40						-0.5																															
EBAN	48.53	293	iPc			50 50.20						-0.3																															
TIA	48.68	69	eP			50 51.00						-0.7																															
						Z 20s						1.65um						5.0MsZ																									
						N 15s						1.07um																															
EGUA	48.70	292	iPc			50 51.20						-0.6																															
EHOR	49.73	293	eP			50 59.00						-0.7																															
IPM	50.24	115	eP			51 01.00						-2.8																															
EJIF	50.28	292	eP			51 03.20						-0.7																															
EVAL	50.94	294	eP			51 09.30						0.4																															
NJ2	51.32	74	Pd			51 15.00						4.0X																															
						1.0s						23.00nm						5.1mb																									
SNY	52.09	60	eP			51 19.60						2.1																															
YAK	52.80	34	iPd			51 21.70						-0.9																															
						1.2s						45.00nm						5.3mb																									
						Z 18s						2.40um						5.3MsZ																									
												e						53 22.00 671kmX																									
CN2	52.94	58	eP			51 27.50						3.6X																															
						1.0s						6.10nm						4.5mb																									
						Z 12s						1.50um						5.3MsZ																									
						N 12s						0.52um																															
						E 12s						0.63um																															
												eP						51 37.00 31km																									
SSE	53.52	74	Pc			51 32.50						4.3X																															
						1.0s						18.00nm						5.0mb																									
						Z 20s						0.50um						4.6MsZ																									
						N 18s						1.90um																															
KIC	63.00	259	P			52 33.66						-1.2																															
TIC	63.07	259	P			52 33.96						-1.4																															
LIC	63.31	259	P			52 35.54						-1.4																															
						0.9s						10.50nm						5.0mb																									
MBC	70.17	359	eP			53 19.50						0.0																															
						1.2s						9.00nm						4.8mb																									
IMA	77.67	12	eP			54 02.44						-0.9																															
						1.4s						12.24nm						4.8mb																									
												e						54 08.84 20km																									
FBA	79.72	10	eP			54 14.44						0.2																															
						0.8s						7.30nm						4.8mb																									
												e						54 20.97 21km																									
PMR	82.59	12	eP			54 29.79						0.3																															
						0.9s						21.93nm						5.3mb																									
SLKM	83.40	13	eP			54 33.83						0.1																															
WRA	91.01	113	P			55 12.39						1.3																															
						0.9s						1.30nm						4.3mb																									
WB2	91.02	113	iPd			55 14.80						3.7X																															
						0.9s						2.20nm						4.5mb																									
ASPA	92.84	117	eP			55 21.50						2.0																															
						1.2s						9.60nm						5.1mb																									
SPA	123.65	180	ePKP			01 05.40						1.6																															
						0.8s						5.00nm																															
ZOBO	127.83	275	PKP			01 07.00						-7.0X																															
CNCB	127.97	275	PKP			01 14.20						0.1																															
						S.D. = 1.1 on 95 of 113 obs.																																					
* SEP 06, 1992 09h 35m 48.68±1.00s																																											
39.351 N ±10.4km 117.951 W ±8.1km																																											
DEPTH = 5.0km (geophysicist)																																											
NEVADA (37)																																											
ML 3.1 (GS).																																											
KVN	0.32	201	iPc			35 54.73						-0.5																															
TNP	1.39	155	ePc			36 15.40						0.5																															
						eS						36 34.83																															
BONR	1.42	191	eP			36 14.24						-1.2																															
						eS						36 32.12																															
TPNV	2.75	150	(Pn)			36 35.69						1.3																															
ORV	2.76	275	eP			36 35.00						0.6																															
ARUT	3.86	112	(P)			36 50.51						0.3																															
DUG	4.05	76	(P)			36 51.84						-0.9																															
						S.D. = 1.1 on 7 of 7 obs.																																					
% SEP 06, 1992 10h 02m 41.60±3.12s																																											
42.875 N ±10.4km 18.302 E ±20.9km																																											
DEPTH = 10.0km (geophysicist)																																											
NORTHWESTERN BALKAN REGION (383)																																											
ML 2.3 (TTG).																																											
BRY	0.18	82	iPgc			02 45.78						0.1																															
						iSg						02 48.41																															
HYP																										0.45	161	iPgc	02	50.78	0.0	EZN	1.24	298	ePn	26	29.10	0.1					
NKY																										0.52	97	iPgc	02	51.62	-0.5	YLV	1.81	43	ePn	26	36.30	-1.1					
																																S.D. = 0.9 on 6 of 6 obs.											
BDV																										0.71	147	iPgc	02	55.13	-0.4												
																										iSg						03 05.96											
TTG																										0.84	122	iPgd	02	57.44	-0.3												
																										iSg						03 10.12											
PLE																										0.92	60	iPgd	02	59.07	-0.2												
																										iSg						03 12.88											
ULC																										1.15	142	iPgc	03	03.62	0.5												
																										iSg						03 20.52											
IVA																										1.17	90	iPgc	03	03.94	0.4												
																										iSg						03 21.23											
PVY																										1.26	102	iPgc	03	05.57	0.4												
																										iSg						03 24.26											
																										S.D. = 0.4 on 9 of 9 obs.																	
? SEP 06, 1992 10h 19m 48.26±6.12s																																											
33.323 N ±43.9km 35.601 E ±26.0km																																											
DEPTH = 10.0km (geophysicist)																																											
JORDAN - SYRIA REGION (374)																																											
Felt in the Metulla, Israel area.																																											
JARJ	1.12	165	P+			20 09.73						0.4																															
SALJ	1.31	177	P+			20 12.43						-0.1																															
MASJ	1.59	176	P+			20 16.61						0.0																															
MDSJ	1.77	162	P+			20 19.77						0.5																															
LISJ	2.08	183	P			20 24.58						1.0																															
QTFJ	2.18	133	P			20 25.51						0.4																															
CSTJ	2.38	157	P+			20 26.60						-1.4																															
SHWJ	2.93	182	Pd			20 35.09						-0.9																															
						S.D. = 0.9 on 8 of 8 obs.																																					
? SEP 06, 1992 10h 43m 44.28±2.92s																																											
15.359 S ±85.0km 72.927 W ±45.1km																																											
DEPTH = 75.2 ±27.5 km																																											
4.1mb (1 obs.)																																											
SOUTHERN PERU (117)																																											
ZOBO	4.71	102	iPc			44 56.20						1.2																															
LPB	4.79	105	iPc			44 58.60						2.6X																															
						1.0s						160.00nm																															
CNCB	4.97	108	P			44 58.70						0.1																															
NNA	5.07	311	eP			44 59.50						0.0																															
						0.7s						9.59nm						4.1mb																									
												i						45 01.70																									
												eS						46 07.50																									
CCH	6.82	108	P			45 23.20						-0.8																															
SIV	11.44	95	eP			46 26.00						-0.8																															
BAO	24.03	94	e(P)			48 54.00						0.4																															
												e						48 55.00																									
						S.D. = 1.2 on 6 of 7 obs.																																					
? SEP 06, 1992 10h 59m 22.79±5.39s																																											
11.365 N ±71.3km 87.999 W ±44.9km																																											
DEPTH = 10.0km (geophysicist)																																											
4.3mb (3 obs.)																																											
NEAR COAST OF NICARAGUA (74)																																											
UYO	23.45	346	iPc			04 32.20						-1.0																															
VVO	24.88	345	eP			04 47.30						0.3																															
TUL	25.44	345	eP			04 52.80						0.5																															
						0.6s						18.10nm						4.9mb																									
RLO	25.50	347	eP			04 52.50						-0.4																															
ACO	27.15	340	iPc			05 06.30						-1.9																															
RSSD	35.45	340	iP			06 22.80						1.3																															
						0.7s						3.11nm						4.3mb																									
EEO	35.96	10	eP			06 26.50						0.9																															
BW06	36.49	333	eP			06 31.20						0.9																															
						1.1s						2.68nm						4.0mb																									
ULM	39.31	352	eP			06 54.00						0.4																															
LCCM	39.93	334	eP			06 59.70						0.7																															
MBC	67.01	352	eP			10 16.00						-1.6																															
GBA	151.29	31	PKP			19 20.50						7.6X																															
						S.D. = 1.2 on 11 of 12 obs.																																					
% SEP 06, 1992 11h 26m 05.91±2.36s																																											
39.257 N ±19.8km 27.752 E ±8.3km																																											
DEPTH = 10.0km (geophysicist)																																											
TURKEY (366)																																											
DST	0.76	63	ePn			26 21.30						0.5																															
EDC	1.09	4	iPn			26 25.90						-0.5																															
KCT	1.09	25	iPn			26 27.30						0.8																															
BNT	1.11	7	iPn			26 26.80						0.1																															
JCR																										3.10	132	ePd			13 30.08						0.2						
SJS																										3.89	120	ePnd			13 45.81						4.8X						
LCR2																										4.04	122	ePc			13 45.75						2.5X						

06d 13h

ICR	4.06	118	ePnc	13	48.37	4.6X	ELF	31.59	9	P	19	03.60	-0.5	BAO	1.4s	100.00nm	5.7mb			
OCR	4.09	127	eP	13	45.10	1.3	GOL	31.87	333	ePd	19	06.73	-0.3		47.71	124	Pc	21	16.80	-1.6
TPX	5.52	303	(P)	14	04.50	0.4		1.3s	133.91nm				5.7mb				e	21	18.10	4kmX
			(S)	14	51.00		Z	20s	3.93um				5.1msz				e	21	25.70	
SCX	6.92	314	(P)	14	25.00	1.3	STCO	31.97	11	P	19	08.02	0.6				e	21	36.00	
			(S)	15	41.50		ACTO	32.19	10	P	19	09.10	-0.3				e	22	12.40	
PBJ	8.91	301	(P)	14	49.00	-2.5	GLA	32.70	314	eP	19	14.59	0.6				e	22	28.90	
OXX	10.32	301	(P)	15	10.00	-1.2	WLVO	32.81	12	P	19	14.54	-0.2				e	22	48.00	
PCJ	11.49	59	ePd	15	32.66	5.7X	SRU	33.93	327	eP	19	24.69	-0.2				e	23	01.50	
BBJ	11.73	56	ePd	15	35.36	5.1X	ZOBO	33.94	145	iPd	19	25.00	-0.6				e	23	15.30	
IISM	11.85	307	(P)	15	30.50	-1.2		1.1s	38.28nm				5.2mb				e	26	46.70	
STH	11.95	58	ePd	15	39.58	6.4X			eLR	32	24.00			BDF	47.80	124	e(P)	21	18.00	-1.1
HOJ	11.97	58	ePd	15	40.14	6.8X	LPB	34.16	146	P	19	28.00	0.7				e	21	25.00	23km
YHJ	12.13	60	ePd	15	42.11	6.5X	Z	18s	10.45um				5.6msz				e	21	44.00	
IIT	12.60	305	(P)	15	43.00	0.9			LR	32	36.00						e	22	05.00	
ACX	12.97	294	(P)	15	47.00	0.2	PLM	34.30	313	eP	19	27.34	-0.8				e	22	21.00	
TPM	13.19	303	(P)	15	48.50	-1.4	RSNY	34.34	16	iP	19	27.62	-0.4				e	22	26.00	
III	13.24	300	(P)	15	51.50	1.0		1.1s	119.59nm				5.7mb				e	26	47.00	
UNM	13.47	305	(P)	15	51.00	-2.6	Z	19s	11.58um				5.6msz				e	28	12.00	
BMG	14.98	108	iPc	16	14.00	0.6	MSU	34.42	325	eP	19	29.82	0.7	PPD	48.96	133	eP	21	26.60	-1.2
BOG	15.11	118	iPc	16	21.00	5.7X	CNCB	34.45	146	iPd	19	30.00	0.1	ITR	52.91	111	eP	21	52.30	-5.7X
			eS	19	26.00		EMUT	34.60	327	eP	19	30.94	0.3				e	23	06.40	354kmX
MRX	15.30	302	(P)	16	19.50	2.2	ARUT	34.67	322	eP	19	31.98	0.8	YKA	54.10	345	P	22	04.20	-1.8
SDV	16.82	99	eP	16	38.70	1.6	PEC	34.79	314	eP	19	33.06	0.9		0.9s	32.00nm				5.4mb
COLM	17.21	297	(P)	16	43.50	1.7		1.5s	43.78nm				5.2mb	LPA	54.36	150	eP+	22	04.00	-4.2X
TOV	17.48	95	eP	16	47.50	2.3	RSSD	35.10	339	iP	19	35.02	0.2	Z	20s	4.26um				5.5msz
CAR	20.19	92	iPd	17	16.00	-1.2		1.1s	79.08nm				5.6mb				ePS	29	48.00	
			iS	21	02.00		Z	21s	3.22um				5.1msz	JFO	54.73	128	eP	22	17.10	5.8X
MGP	20.57	71	(P)	17	25.00	4.0X			eScP	25	54.40			SIT	57.93	331	P	22	40.00	6.4X
PORP	21.00	71	P	17	25.60	0.2	DAU	35.27	328	eP	19	36.93	0.5	Z	20s	1.84um				5.2msz
APR	21.01	70	(P)	17	27.00	1.5	EEO	35.30	10	eP	19	38.50	2.2	KLU	64.79	333	eP	23	18.89	-1.0
CLLP	21.06	71	P	17	26.50	0.5	BNH	35.38	20	eP	19	36.88	-0.1	PMR	66.26	333	eP	23	29.24	0.1
MPX	21.24	304	(P)	17	30.00	2.2	TPNV	35.89	319	(P)	19	41.68	0.1		1.3s	70.34nm				5.6mb
CPD	21.66	71	P	17	34.60	2.4		1.1s	71.68nm				5.5mb	Z	19s	3.54um				5.6msz
HBF	21.88	16	eP	17	36.19	2.1	Z	20s	7.37um				5.4msz	SLKM	66.40	331	eP	23	28.32	-1.9
SGS	22.09	16	eP	17	38.36	2.1	CCH	35.95	144	eP	19	42.00	-0.4	MBC	66.52	352	eP	23	28.50	-2.2
PRM	22.52	11	eP	17	42.00	1.4	BW06	36.22	332	iPc	19	43.59	-0.8		1.0s	42.00nm				5.5mb
CUM	22.89	91	iP	17	45.00	0.7	ISA	36.65	315	eP	19	48.98	1.1	FBA	66.89	336	iPc	23	31.06	-2.1
PWLA	22.94	359	eP	17	45.08	0.4		1.3s	45.00nm				5.2mb		1.3s	41.70nm				5.4mb
JSC	22.94	13	iP	17	46.41	1.8			ePcP	22	12.23			CRP	67.54	332	eP	23	35.71	-1.8
OLY	23.74	352	iPc	17	52.38	0.0	ABL	36.75	314	eP	19	50.38	1.5	REF	67.57	331	eP	23	36.37	-1.5
TKL	23.84	7	eP	17	55.14	1.7			ePcP	22	12.54			SVW	69.11	331	iPd	23	45.19	-2.0
VVO	24.47	343	ePc	17	59.50	0.0	HVU	37.05	328	eP	19	51.62	0.4		1.2s	53.24nm				5.5mb
LST	24.56	356	eP	18	01.09	0.8	TNP	37.18	320	eP	19	53.04	0.5	IMA	69.59	337	P	23	43.40	-6.8X
FNO	24.90	340	iPc	18	03.40	-0.3		0.9s	26.01nm				5.1mb		0.6s	4.80nm				4.8mb
MGH	24.90	76	eP	18	02.00	-1.9	BCH	37.53	314	eP	19	55.78	0.5	SDN	70.62	325	P	24	10.00	13.6X
CEH	25.01	16	eP	18	06.13	1.4	PTI	37.64	330	eP	19	56.54	0.4	Z	19s	1.56um				5.3msz
	0.8s	199.05nm			5.8mb		BONR	37.80	319	eP	19	59.03	1.2	TOL	77.42	52	iP+	24	34.40	-1.8
Z	19s	6.42um			5.1msz				ePcP	22	11.73					ePP	28	10.00		
SIO	25.02	343	eP	18	04.10	-0.7	HHA1	37.96	330	eP	19	59.05	0.2				eS	34	25.00	
TUL	25.02	344	eP	18	04.40	-0.4			ePcP	22	15.53			MAL	77.43	55	iPc	24	36.00	-0.3
	1.1s	542.30nm			6.1mb		PHAM	38.08	314	eP	20	00.80	1.0	AIA	78.92	170	e(P)	24	44.00	0.3
Z	18s	6.51um			5.2msz		SIV	38.10	136	P	20	01.00	0.8	ADK	80.24	321	eP	24	51.44	0.2
			e	18	12.70	30km	KVN	38.31	320	(P)	20	01.95	0.0		1.6s	461.07nm				6.3mb
			e	22	52.00		CBM	38.50	21	eP	20	03.35	0.2	EPF	80.36	48	eP	24	50.10	-2.1
			e	23	45.00		ULM	38.82	351	ePc	20	07.20	1.4		1.6s	36.70nm				5.2mb
			LR	28	51.00		LMN	38.90	25	eP	20	09.50	3.0X	LFF	80.41	46	eP	24	48.40	-3.9X
RLO	25.07	345	eP	18	05.00	-0.2	PRS	39.00	314	eP	20	08.95	1.4		1.5s	41.80nm				5.2mb
ELC	25.28	357	iPc	18	06.58	-0.7	ARN	39.63	316	(P)	20	11.62	-1.2	LPO	80.76	46	eP	24	51.50	-2.7
RRO	25.41	339	iPd	18	08.80	0.3	LCCM	39.65	333	ePc	20	13.00	0.0		1.7s	57.35nm				5.3mb
BBL	25.48	79	eP	18	08.00	-1.3	ZSP	40.43	316	eP	20	22.49	3.2X	EBR	80.77	50	eP	24	56.00	1.7
BDF	25.74	81	ePd	18	18.00	6.2X	ORV	40.77	318	eP	20	22.82	0.7	RJF	80.91	46	eP	24	50.90	-4.1X
			S	23	00.20		MIN	41.27	319	eP	20	26.54	0.2		1.7s	52.95nm				5.3mb
BLA	25.94	13	(P)	18	14.27	0.8	LTCM	41.53	319	(P)	20	28.37	0.1	Z	18s	0.65um				5.0msz
	1.6s	362.32nm			5.8mb		LBFM	42.01	320	eP	20	32.76	0.3	TCF	81.25	45	eP	24	52.50	-4.3X
NAV	25.96	12	eP	18	14.22	0.5	FOX	42.90	318	eP	20	44.03	4.5X		1.6s	42.90nm				5.2mb
NNA	26.01	156	iPd	18	14.40	0.2	SES	42.94	338	ePc	20	39.10	-0.7	CAF	81.34	46	eP	24	54.70	-2.6
	1.2s	65.63nm			5.1mb			1.8s	508.00nm			6.0mb		1.5s	21.95nm					5.0mb
FVM	26.07	355	eP	18	13.17	-1.4	FHC	43.04	319	eP	20	41.70	1.0	MAF	81.51	45	eP	24	54.00	-4.1X
	0.8s	33.27nm			5.0mb		NEW	43.85	331	eP	20	46.00	-1.1		1.6s	29.25nm				5.1mb
Z	19s	6.02um			5.1msz			1.0s	60.00nm			5.4mb	KIC	81.61	85	P	24	59.00	-0.2	
PCO	26.09	342	iPc	18	15.20	0.4	VGB	43.85	326	eP	20	48.08	0.9	BGF	81.65	44	eP	24	54.60	-4.2X
SLM	26.70	355	P	18	30.00	9.7X	DPW	44.08	330	ePc	20	48.35	-0.8		1.3s	11.20nm				4.7mb
			i	18	46.00	67kmX			ePcP	22	33.75		AVF	81.96	44	eP	24	57.20	-3.2X	
ALO	28.67	326	eP	18	39.20	0.7	SHW	45.07	326	eP	20	57.17	0.0		1.7s	27.95nm				5.0mb
	1.2s	32.32nm			4.9mb		LON	45.18	327	eP	20	57.08	-0.9	SSF	82.02	44	eP	24	56.30	-4.4X
LVNJ	30.85	19	eP	18	57.64	0.0			eScP	26	32.91			1.9s	47.30nm					5.2mb
JFWS	30.95	356	iP	18	57.35	-1.2	RMW	45.63	328	eP	21	00.63	-0.9	LOR	82.23	43	eP	24	57.50	

BSF	84.08	42 eP	25 08.60	-2.8X	Z 18s	2.07um	5.9Msz	DEPTH = 96.3 ± 24.8 km			
	1.6s	20.50nm		5.1mb	N 19s	3.11um		4.3mb (3 obs.)			
CDF	84.29	42 eP	25 10.10	-2.3	CMS	127.35 239 ePKP	31 46.20 0.2	MINDANAO, PHILIPPINE ISLANDS (259)			
	1.6s	18.65nm		5.1mb		1.2s	10.00nm				
LPG	84.51	45 eP	25 12.30	-1.6	GTA	128.47 353 PKPd	31 48.40 0.3	DAV	1.13 303 iPd	25 18.70	-0.2
	1.4s	10.90nm		4.9mb	Z 20s	2.02um	5.8Msz		iS	25 36.00	
GRF	86.53	40 eP	25 22.50	-1.0	E 18s	1.96um		BIP	1.77 351 iPd	25 26.00	-0.8
	2.2s	70.00nm		5.5mb	SSE	129.13 328 PKP	31 50.70 1.3		iS	25 49.00	
Z 20s	3.50um		5.8Msz		Z 20s	0.90um	5.5Msz	CGP	2.68 317 eP	25 40.00	0.9
MOX	86.54	39 eP	25 22.30	-1.2	NJ2	129.52 331 PKPc	31 50.40 0.3		eS	26 14.00	
	2.0s	46.00nm		5.4mb	STK	130.82 238 ePKP	31 53.00 0.4	MAP	4.58 327 iPc	26 09.00	3.7X
Z 19s	1.70um		5.5Msz			ePKS	35 17.00		iS	26 49.00	
N 20s	0.80um				LZH	131.05 348 PKPd	31 54.20 1.0	PLP	4.91 342 ePc	26 10.00	0.2
E 19s	1.10um				Z 21s	1.40um	5.6Msz	BAG	11.47 330 eP	27 46.00	6.7X
	eS	35 57.00			E 18s	1.30um		KNA	22.19 174 eP	29 46.90	0.6
CLL	87.22	38 iPc	25 25.20	-1.5	XAN	131.69 342 PKP	31 55.50 1.2		e	32 16.00	
	2.1s	60.00nm		5.5mb	Z 28s	1.67um	5.6MszX	WB2	27.35 164 eP	30 36.00	0.9
Z 19s	3.50um		5.8Msz		N 16s	0.97um			0.2s	3.10nm	4.5mb
	eSKS	36 00.00			WHN	132.84 334 PKPd	31 58.00 1.6	QIS	29.77 155 iPd	30 56.70	-0.1
BRG	87.91	38 eP	25 28.00	-1.3	Z 20s	1.25um	5.6Msz		0.3s	2.00nm	4.3mb
	1.4s	24.00nm		5.3mb	N 20s	1.85um			e	32 00.00	
	e	25 48.00	69kmX			PP	34 20.00	ASPA	30.80 167 eP	31 06.10	0.2
	eSKS	35 56.00				SKKS	41 12.00		1.2s	5.70nm	4.2mb
KHC	88.17	40 eP	25 29.00	-2.4	CD2	136.05 346 PKP	32 04.90 2.2X	WARB	32.46 180 eP	31 20.30	0.1
	1.4s	9.50nm		4.9mb	Z 18s	1.37um	5.7Msz		e	32 17.00	
Z 18s	2.60um		5.7Msz		N 15s	0.66um		COOL	37.50 188 eP	32 02.00	-1.1
N 18s	1.20um				LSA	138.58 2 ePKP	32 08.80 0.8		e	32 24.00	
E 18s	2.20um				E 22s	1.10um		BAL	38.05 194 eP	32 07.00	-0.7
	e	25 38.80	31km		ASPA	139.08 248 ePKP	32 07.60 -0.9		e	32 33.00	
	e	29 09.50				ePKS	35 42.00		S.D. = 0.8 on 11 of 13 obs.		
	S	36 00.00			WB2	139.11 253 ePKP	32 08.60 0.0		* SEP 06, 1992 13h 55m 57.55±1.02s		
GEC2	88.32	40 ePc	25 30.70	-1.6		0.8s	20.40nm		14.173 S ±27.6km	72.723 W ±15.4km	
	1.7s	9.72nm		4.9mb	GYA	139.44 340 PKP	32 10.00 0.8		DEPTH = 118.5 ± 11.2 km		
	e	25 36.90	19km		Z 24s	1.05um	5.5MszX	CENTRAL PERU (116)			
	e	25 40.60			GKN	139.56 11 PKP	32 05.18 -4.2X	NNA	4.56 298 iPc	57 05.50	-0.2
	e	25 47.80			GUN	139.86 9 PKP	32 04.66 -5.5X		0.6s	146.67nm	
PRU	88.53	39 eP	25 31.50	-1.6	KKN	139.88 10 PKP	32 05.90 -4.2X		iS	57 58.00	
Z 20s	3.20um		5.7Msz		DMN	140.03 10 PKP	32 05.90 -4.5X	ZOBO	4.91 116 iPc	57 11.60	0.7
N 20s	0.30um				PKI	140.12 10 PKP	32 05.94 -4.7X	LPB	5.04 118 iPc	57 13.30	0.7
E 20s	2.70um				KMI	141.84 345 PKPc	32 13.50 -0.2	CNCB	5.27 120 iPc	57 16.60	0.8
	S	36 00.00			CGP	142.15 301 ePKP	32 10.50 -3.7X	CCH	7.09 118 eP	57 39.00	-1.6
	e	37 14.00			QIZ	144.81 331 PKP	32 18.00 -0.6	SIV	11.40 101 P	58 37.60	-0.4
TRI	89.24	43 eP	25 36.00	-0.5	N 17s	0.70um		ITB1	20.16 124 e(P)	00 24.50	-0.2
	e	32 52.00				PP	35 40.00	ITB	20.38 124 e(P)	00 26.00	-0.9
	e	37 17.00			PPR	146.19 309 ePKPd	32 32.35 11.4X	ITB7	20.56 125 e(P)	00 30.50	1.7
	e	41 12.00			HYB	147.72 26 ePKP	32 23.60 0.2	PPD	21.78 114 eP	00 39.50	-1.5
	e	49 16.00			RKG	148.34 221 ePKP	32 27.00 3.1X	BAO	23.94 97 e(P)	01 02.00	-0.2
	eLR	54 36.00			CHG	148.79 348 ePKPc	32 25.00 -0.1		e	01 06.00	
ZST	90.68	40 eP	25 41.20	-2.0		1.7s	336.54nm		e	01 26.00	
SLR	118.17	113 iPKPc	31 30.50	1.7	LOE	149.46 343 ePKP	32 27.00 0.9	KIC	70.45 78 P	07 02.60	1.1
BUL	118.33	107 iPKPd	31 29.90	0.7	TSM	150.09 301 ePKPd	32 30.50 3.3X	MBC	94.41 350 eP	08 59.50	-5.0X
	0.7s	3.77nm			BDT	150.31 347 ePKP	32 28.00 0.7		1.0s	9.00nm	5.1mb
MAIO	122.78	32 ePKP	31 38.00	0.9		1.2s	284.30nm	WB2	136.89 219 iPKPc	15 08.80	0.0
BJI	123.82	338 ePKP	31 39.00	0.1	KKM	150.44 306 ePKP	32 30.50 2.7X		0.8s	3.90nm	
Z 22s	1.11um		5.5Msz		MUN	150.47 224 ePKP	32 19.70 -7.6X	LZH	157.96 7 PKP	16 00.00	18.2X
N 19s	1.91um					e	32 32.00		1.5s	24.00nm	
	ePP	33 21.00			GBA	150.53 31 PKP	32 28.50 0.8		sP	17 09.50	
	SKS	38 44.00			NST	151.55 345 ePKP	32 31.50 2.3X		S.D. = 1.1 on 13 of 15 obs.		
	SKKS	40 12.00			MBL	152.32 247 ePKP	32 36.50 6.2X		* SEP 06, 1992 14h 03m 37.77±0.82s		
WMO	124.33	4 PKP	31 39.30	-0.6	KHT	152.78 347 ePKP	32 32.40 1.4		76.305 N ± 7.9km	11.329 E ±15.3km	
Z 12s	0.54um		5.4MszX		NNT	154.60 343 ePKP	32 32.20 -1.3		DEPTH = 10.0km (geophysicist)		
HHC	124.60	343 iPKPd	31 41.60	1.0	SNG	159.38 337 ePKP	32 41.00 1.5		3.9mb (6 obs.)		
Z 24s	1.89um		5.7MszX		IPM	161.55 332 ePKPc	32 43.10 1.3		SVALBARD REGION (643)		
N 20s	1.61um				KGM	162.48 322 ePKP	32 45.00 2.3X				
E 17s	1.02um					S.D. = 1.2 on 182 of 228 obs.		KBS	2.63 3 eP	04 21.00	0.1
	PP	33 32.00			% SEP 06, 1992 13h 18m 43.81±1.34s				eS	04 53.40	
	SKS	38 49.00			39.435 N ± 6.9km	16.315 E ±21.6km		BJO	2.69 128 eP	04 20.84	-0.9
	SKKS	40 16.00			DEPTH = 10.0km (geophysicist)				eS	04 56.72	
BTO	125.28	344 ePKP	31 42.00	0.1	SOUTHERN ITALY (390)			ARA0	7.95 141 P	05 36.69	0.7
N 12s	0.28um				TDS	0.22 5 P	18 48.20 -0.4		S	07 06.17	
E 12s	0.28um					eSg	18 52.60	KAF	15.12 152 iP	07 13.40	0.7
RMO	125.38	246 ePKP	31 42.80	0.4	MGR	0.91 320 P	19 01.30 0.0		0.7s	7.40nm	4.2mb
	0.9s	16.00nm				eSg	19 15.40	NB2	15.34 180 P	07 19.60	4.0X
TOO	126.40	232 ePKP	31 44.10	0.0	SGO	1.36 326 P	19 09.40 0.6		0.7s	1.30nm	3.4mb
KSH	126.59	16 PKP	31 45.50	1.0		eSn	19 26.90	NRA0	15.65 180 P	07 19.07	-0.5
Z 20s	2.36um		5.9Msz		SOI	1.38 189 P	19 10.00 1.0	HFS	16.27 176 eP	07 31.00	3.5X
N 20s	1.85um					eSn	19 29.20		0.5s	1.20nm	3.3mb
E 20s	1.50um				ATN	1.44 208 P	19 08.70 -1.2	NUR	16.52 156 eP	07 36.10	5.4X
	ePP	33 44.00				eSn	19 29.80		0.6s	8.40nm	4.0mb
	SKS	38 53.00				S.D. = 1.2 on 5 of 5 obs.		OBN	23.28 142 eP	08 56.00	10.2X
	SKKS	40 35.00			? SEP 06, 1992 13h 24m 56.98±1.37s				2.0s	160.00nm	
TIA	126.78	335 ePKP	31 45.00	0.2	6.470 N ±15.8km	126.530 E ±22.2km			e	09 35.00	
N 18s	1.61um							WTS	24.47 187 eP	09 03.50	6.1X
E 18s	2.04um								1.2s	50.00nm	5.0mb
TIY	127.20	340 PKPc	31 46.00	0.3							

06d 14h																		
BRG	25.55	176	eP	09 08.70	0.9	FNO	24.95	340	iPc	19 01.20	-0.4	CMS	127.34	239	ePKP	32 44.00	0.2	
KSP	25.64	173	eP	09 08.00	-0.6	CEH	25.06	16	eP	19 03.78	1.2	GTA	128.52	353	ePKP	32 46.20	0.2	
MOX	25.76	180	eP	09 09.00	-0.7		0.8s	62.78nm			5.4mb				sPKP	32 53.20		
	1.6s	43.00nm			4.9mb	SIO	25.07	343	e(P)	19 02.30	-0.4	SSE	129.18	328	PKP	32 54.50	7.2X	
OJC	26.40	168	eP	09 22.40	6.7X	TUL	25.08	344	ePc	19 01.90	-0.8		1.0s	18.00nm				
PRU	26.45	175	P	09 21.00	4.9X		1.0s	132.00nm			5.6mb	NJ2	129.57	331	PKP	32 48.00	0.0	
KHC	27.29	177	eP	09 29.50	5.7X	RLO	25.12	345	eP	19 02.40	-0.7			sPKP	32 55.50			
			e	10 04.50		ELC	25.33	357	eP	19 04.06	-1.1	LZH	131.10	348	ePKP	32 51.50	0.5	
GEC2	27.58	177	eP	09 26.80	0.3	RR0	25.46	339	iPd	19 06.10	-0.3			sPKP	32 57.50			
	1.0s	1.60nm			3.7mb	NAV	26.01	12	eP	19 11.89	0.4	XAN	131.74	342	PKP	32 52.00	-0.1	
		e		09 31.80		FVM	26.12	355	eP	19 10.53	-1.9	WHN	132.89	334	ePKP	32 55.00	0.7	
SES	48.35	314	eP	12 13.00	-7.9X		0.6s	9.96nm			4.7mb	CD2	136.10	346	ePKP	32 59.20	-1.3	
S.D. = 0.8	on	9 of 18 obs.				ACO	26.85	339	iPd	19 17.70	-1.6	ASPA	139.07	248	iPKP	33 05.60	-0.6	
SEP 06, 1992 14h 10m 55.98±0.38s						CBN	27.70	17	eP	19 28.00	1.0			ePKS	37 10.30			
32.436 N ± 8.9km				76.338 E ± 8.5km		ALQ	28.72	326	eP	19 36.68	0.2	WB2	139.11	253	ePKP	32 55.80	-10.6X	
DEPTH = 33.0km (normal)							0.8s	5.88nm			4.4mb		1.0s	1.90nm				
4.6mb (7 obs.)						LVNJ	30.89	19	eP	19 54.69	-0.8			e	33 06.40			
KASHMIR-INDIA BORDER REGION (303)						JFWS	31.00	356	eP	19 55.14	-1.3			i	33 13.60			
							1.0s	33.65nm			5.2mb			eSKP	36 49.00			
GKN	8.43	119	P	12 59.28	0.4	TBR	31.36	19	(P)	19 58.93	-0.7	GYA	139.49	340	PKP	33 06.40	-0.6	
DMN	8.99	120	P	13 06.98	0.2	GOL	31.92	333	iP	20 04.32	-0.6	GKN	139.61	11	PKP	33 07.20	-0.1	
	0.2s	50.00nm			6.4mb X		1.0s	24.52nm			5.1mb	GUN	139.91	9	PKP	33 08.20	0.1	
KKN	9.02	119	P	13 07.10	-0.1	GLA	32.75	314	eP	20 13.08	1.2	KKN	139.93	10	PKP	33 07.80	-0.1	
PKI	9.24	119	P	13 10.02	-0.2	ZOBO	33.90	145	iPc	20 23.00	0.3	DMN	140.07	10	PKP	33 08.20	0.0	
	0.2s	52.00nm			6.4mb X	SRU	33.98	327	eP	20 22.07	-0.7	PKI	140.16	10	PKP	33 08.00	-0.5	
GUN	9.41	116	P	13 12.92	0.3	LPB	34.11	145	P	20 25.30	1.0	KMI	141.89	345	ePKP	33 10.00	-1.5	
POD	14.02	190	eP	14 20.00	5.4X	PLM	34.34	313	eP	20 26.06	0.1	QIZ	144.87	331	PKP	33 16.00	-0.4	
HYB	15.09	172	eP	14 27.10	-1.4	RSNY	34.38	16	iP	20 26.25	0.4	WARB	144.91	241	ePKP	33 15.00	-1.4	
		eS		16 47.00			1.1s	40.71nm			5.2mb	CHG	148.85	348	ePKPc	33 22.70	-0.3	
GBA	18.77	177	P	15 15.00	0.2	CNCB	34.40	146	P	20 27.90	0.9		1.2s	27.34nm				
		S		18 37.00		MSU	34.47	325	eP	20 26.96	-0.1	LOE	149.51	343	ePKP	33 25.00	1.0	
MLR	40.66	304	eP	18 37.00	2.2	EMUT	34.65	327	eP	20 28.57	0.0	BDT	150.36	347	ePKP	33 26.00	0.8	
KAF	43.41	328	eP	18 56.40	-0.4	ARUT	34.72	322	eP	20 30.41	1.3		1.0s	55.20nm				
	0.4s	3.70nm			4.5mb	DAU	35.32	328	eP	20 34.43	0.1	GBA	150.56	31	PKP	33 25.80	0.2	
NUR	43.68	326	eP	18 58.80	-0.2	EEO	35.35	10	ePc	20 36.60	2.4	NST	151.60	345	ePKP	33 34.50	7.4X	
	0.7s	8.30nm			4.6mb	CCH	35.90	144	eP	20 40.00	0.5	S.D. = 1.1	on	99 of 112 obs.				
KEV	46.19	339	eP	19 18.00	-1.0	TPNV	35.94	319	eP	20 40.33	0.8	SEP 06, 1992 14h 19m 41.20±0.37s						
BRG	48.60	312	e(P)	19 38.30	0.1		0.8s	7.10nm			4.6mb	45.174 N ± 2.8km			7.659 E ± 3.9km			
GEC2	48.89	309	ePd	19 40.70	0.1	HVU	37.10	328	eP	20 50.04	0.9	DEPTH = 10.0km (geophysicist)						
	0.6s	0.64nm			3.8mb	TNP	37.23	320	eP	20 49.58	-0.8	NORTHERN ITALY (545)						
		e		19 48.30			0.9s	7.22nm			4.4mb	ML 3.1 (LDG), 2.9 (GEN).						
HFS	48.96	324	eP	19 40.00	-0.8	PTI	37.69	330	eP	20 55.41	1.3	RSP	0.28	266	Pd	19 49.85	2.6	
	0.7s	9.00nm			4.9mb	BONR	37.85	319	eP	20 56.89	1.2			S	19 53.96			
NB2	50.25	325	P	19 49.70	-1.0	HHA1	38.01	330	eP	20 56.30	-0.4	BHB	0.43	220	Pd	19 51.75	1.7	
	0.7s	3.50nm			4.5mb	SIV	38.06	136	Pc	20 59.00	1.7			S	19 56.31			
BD1	51.65	303	P	20 21.60	19.9X	ULM	38.87	351	ePc	21 05.00	1.3	LSD	0.45	309	Pd	19 52.82	2.3	
BOB	52.33	304	P	20 07.70	0.9	LMN	38.93	25	eP	21 02.00	-2.3			S	19 59.29			
		eSn		20 25.20		LRM	39.94	333	ePc	21 12.70	-0.3	ORO	0.50	27	P	19 53.80	2.3	
MBC	71.13	4	ePc	22 12.40	-0.2	ORV	40.82	319	eP	21 21.21	1.2			eSg	19 59.90			
	1.0s	19.00nm			5.1mb	LBFM	42.06	321	eP	21 29.59	-0.8	RRL	0.67	248	Pd	19 55.89	1.2	
WB2	76.09	125	iPc	22 43.20	0.9	JAQ	42.83	10	eP	21 33.00	-3.3X			S	20 04.42			
	0.5s	3.00nm			4.5mb	VGB	43.90	326	(P)	21 45.47	0.4	BNI	0.71	260	P	19 56.60	1.4	
S.D. = 0.9	on	18 of 20 obs.				DPW	44.13	330	eP	21 45.91	-1.1			eSg	20 04.90			
SEP 06, 1992 14h 13m 36.60±0.27s						LON	45.23	327	eP	21 55.18	-0.7	LPG	0.72	297	Pg	19 57.10	1.6	
11.893 N ± 5.1km				87.442 W ± 5.6km				iPcP			23 35.54			Sg	20 06.70			
DEPTH = 10.0km (geophysicist)								i			23 42.84		DOI	0.73	204	P	19 55.70	0.1
5.0mb (12 obs.)						RMW	45.68	328	eP	21 58.28	-1.2			eSg	20 04.60			
NEAR COAST OF NICARAGUA (74)						BMW	45.83	326	eP	21 59.60	-1.0	LPL	0.74	298	Pg	19 57.50	1.7	
								PcP			23 38.85			Sg	20 07.20			
TPX	5.56	303	(P)	14 52.50	-9.0X	GMW	46.25	327	(P)	22 02.38	-1.5	PZZ	0.78	211	P	19 56.40	-0.1	
SCX	6.96	314	(P)	15 25.50	4.3X	FCC	47.04	355	eP	22 11.00	1.1			S	20 05.27			
BBJ	11.75	55	P	16 33.54	6.1X	BAO	47.67	124	Pc	22 14.50	-1.1	CKI	0.87	149	Pc	19 59.30	1.4	
IISM	11.89	308	(P)	16 30.00	0.8			e			22 19.20			eSg	20 12.00			
STH	11.96	58	Pd	16 34.00	3.7X			e			22 30.20		RSL	0.89	306	Pg	19 59.92	1.5
		S		16 37.11				e			23 39.50			Sg	20 11.95			
IIT	12.64	305	(P)	16 42.50	2.9X			e			23 52.90		ROB	0.89	170	Pc	19 59.41	1.1
ACX	13.00	294	(P)	16 45.50	1.3	BDF	47.76	124	Pd	22 15.20	-1.1			S	20 10.98			
TPM	13.23	304	(P)	16 46.50	-0.9			e			22 19.00		PCP	0.89	135	Pc	19 59.90	1.5
III	13.27	300	(P)	16 48.50	0.5			e			23 41.70			S	20 11.88			
UNM	13.51	305	(P)	16 54.50	3.4X	PPD	48.92	133	(P)	22 24.00	-1.0	STV	0.96	194	Pc	19 59.02	-0.5	
MRX	15.33	302	(P)	17 17.00	2.2	YKA	54.15	345	eP	23 01.60	-2.3			S	20 09.99			
SDV	16.80	99	eP	17 35.10	1.3		0.9s	12.00nm			4.9mb	ENR	0.96	190	Pc	19 59.31	-0.3	
COLM	17.24	297	(P)	17 41.00	1.7	JFO	54.69	128	(P)	23 15.00	6.4X			S	20 10.58			
TOV	17.46	95	eP	17 45.50	3.5X	KLU	64.84	333	(P)	24 14.98	-2.9	FIN	1.04	158	P	20 01.78	0.9	
HBV	21.92	16	(P)	18 33.82	1.9	MBC	66.57	352	ePd	24 26.40	-2.2			S	20 14.88			
SGS	22.13	16	(P)	18 33.93	-0.1		1.0s	21.00nm			5.3mb	AUTN	1.19	188	Pg	20 02.32	-1.2	
PRM	22.57	11	eP	18 40.14	1.7	FBA	66.94	336	eP	24 28.75	-2.4	SAOF	1.19	184	Pg	20 03.10	-0.3	
JSC	22.99	13	eP	18 44.16	1.7		0.9s	4.76nm			4.7mb			Sg	20 17.49			
PWLA	22.99	359	eP	18 43.03	0.5	BJI	123.87	338	ePKP	32 36.50	-0.3	TOUF	1.20	194	Pg	20 01.65	-2.0	
UYO	23.08	345	iPc	18 43.80	0.4	HHC	124.66	343	PKPd	32 39.00	0.6	IMI	1.27	172	Pd	20 05.36	0.5	
OLY	23.79	352	eP	18 50.39	0.1	BTO	125.33	344	ePKP	32 37.60	-2.2X			S	20 21.19			
GBTN	23.85	7	eP	18 52.49	1.6	RMQ	125.37	246	iPKPd	32 41.00	0.9	AURF	1.31	191	Pg	20 04.21	-1.3	
TKL	23.89	7	eP	18 52.62	1.3		0.5s	4.00nm						Sg	20 19.43			
VVO	24.52	343	eP	18 57.80	0.4	TIA	126.83	335	ePKP	32 41.90	-0.8	SBF	1.32	187	Pg	20 05.10	-0.5	
FKO	24.95	340	iPc	19 01.10	-0.5	TII												

LRG	1.96	209	Pn	20 33.70	0.4
			Pn	20 15.10	
LMR	2.02	205	Pn	20 38.20	-0.2
			Pn	20 15.40	
CDR	2.02	223	ePn	20 39.50	3.3X
			ePn	20 19.00	
			eSn	20 39.90	
			e	20 40.20	
			i	20 43.20	
FEL	2.71	5	ePn	20 24.77	-1.0
BSF	2.73	348	Pn	20 25.20	-0.7
			Pn	20 55.40	
			Sg	21 00.80	
PGF	2.80	159	Pn	20 24.84	-2.1
HAU	2.97	343	Pn	20 28.70	-0.6
			Pn	21 01.00	
SMF	3.04	300	Pn	20 30.40	0.1
			Pn	21 02.20	
			Sg	21 19.10	
LBF	3.14	307	Pn	20 31.60	0.0
			Pn	21 04.60	
SQTA	3.20	49	iPnc	20 33.10	0.4
	0.4s		iSn	21 10.60	
			i	21 19.10	
CDP	3.25	356	Pn	20 32.10	-1.2
			Pn	21 08.50	
LOR	3.37	310	Pn	20 34.50	-0.4
			Pn	21 09.60	
AVF	3.41	300	Pn	20 35.20	-0.3
			Pn	21 11.70	
			Sg	21 31.90	
SSF	3.45	305	Pn	20 35.80	-0.2
			Pn	21 13.40	
			Sg	21 34.00	
WTTA	3.46	51	iPnd	20 36.80	0.4
			iSn	21 16.70	
BGF	3.64	294	Pn	20 38.30	-0.4
			Pn	21 17.30	
MAF	3.72	288	Pn	20 39.30	-0.6
			Pn	21 18.60	
CAF	3.97	268	Pn	20 43.50	0.0
			Pn	21 27.40	
TCF	3.97	288	Pn	20 43.10	-0.4
			Pn	21 24.80	
HYF	4.06	303	Pn	20 44.50	-0.3
RJF	4.34	274	Pn	20 48.10	-0.6
			Pn	21 35.50	
LSF	4.43	286	Pn	20 49.60	-0.3
			Pn	21 34.70	
LFF	4.91	270	Pn	20 56.80	0.1
MFF	5.63	287	Pn	21 06.20	-0.8
			Pn	22 04.80	
LDF	6.33	305	Pn	21 15.20	-1.7
FLN	6.63	306	Pn	21 19.30	-1.7
LPF	6.64	299	Pn	21 19.30	-1.9
GRR	6.67	302	Pn	21 19.70	-1.9
S.D. = 1.2 on 51 of 52 obs.					
? SEP 06, 1992 15h 12m 16.41±0.84s					
6.526 S ± 9.6km 147.204 E ± 6.9km					
DEPTH = 10.0km (geophysicist)					
3.9mb (2 obs.)					
EASTERN NEW GUINEA REG., P.N.G. (207)					
LAT	0.24	236	iPd	12 21.20	-0.4
FINC	0.65	98	eP	12 29.30	-0.1
			eS	12 57.00	
YYYY	1.26	283	eP	12 40.10	0.2
MDG	1.98	312	eP	12 49.00	-0.2
PMG	2.86	181	eP	13 04.00	1.1
			eS	13 53.00	
MNDI	3.54	276	eP	13 13.50	0.7
			eS	14 25.00	
WWKK	4.59	309	eP	13 32.50	5.0X
WB2	18.27	222	iPd	16 29.20	-2.6X
	0.8s		3.40nm		3.6mb
RMQ	19.91	176	eP	16 48.00	-3.2X
ASPA	21.31	215	iPc	17 04.50	-1.2
	0.7s		7.70nm		4.2mb
S.D. = 0.9 on 7 of 10 obs.					
* SEP 06, 1992 15h 22m 12.35±2.49s					
39.349 N ± 17.1km 23.643 E ± 17.1km					
DEPTH = 10.0km (geophysicist)					
AEGEAN SEA (365)					
MD 2.3 (THE).					

PAIG	0.58	3	iPgc	22 24.57	0.5
			eSg	22 33.78	
OUR	1.02	15	iPgc	22 31.38	-0.2
AGG	1.07	253	ePg	22 32.62	0.1
			eSg	22 48.30	
LIT	1.16	311	ePb	22 33.86	-0.2
			eSb	22 49.82	
SOH	1.49	352	ePb	22 39.86	0.7
			eSb	22 59.10	
SRS	1.77	359	ePb	22 42.34	-0.8
GRG	1.87	330	ePb	22 44.58	-0.1
S.D. = 0.6 on 7 of 7 obs.					
* SEP 06, 1992 15h 22m 56.21±2.47s					
9.614 N ± 15.4km 126.389 E ± 33.0km					
DEPTH = 53.6 ± 19.8 km					
4.5mb (4 obs.)					
MINDANAO, PHILIPPINE ISLANDS (259)					
BIP	1.39	186	ePc	23 19.00	-0.5
CGP	2.03	236	iPd	23 37.00	8.4X
			iS	23 57.00	
PLP	2.07	318	ePd	23 29.50	0.3
			iS	23 54.00	
MAP	2.47	287	iPc	23 35.00	0.1
			iS	24 12.00	
WB2	30.40	165	eP	29 06.70	1.0
	0.6s		1.40nm		3.9mb
ASPA	33.88	168	eP	29 36.20	0.1
	0.3s		3.10nm		4.7mb
WARB	35.58	180	eP	29 50.50	-0.1
KAF	86.26	332	eP	35 32.70	-0.4
	0.5s		2.30nm		4.6mb
NUR	87.43	331	eP	35 39.30	0.5
HFS	92.68	332	eP	36 02.50	-0.9
	0.4s		0.60nm		4.4mb
S.D. = 0.7 on 9 of 10 obs.					
* SEP 06, 1992 15h 23m 53.33s					
34.977 N 116.960 W					
DEPTH = 0.1km					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 3.2 (PAS), 2.7 (GS).					
SSK	0.97	219	eP	24 11.57	-1.3
			eS	24 24.71	
PEC	1.10	189	iPd	24 13.78	-1.1
			eS	24 27.67	
ISA	1.41	299	ePd	24 19.17	-1.1
			eS	24 37.20	
PLM	1.62	177	ePn	24 22.21	-1.2
			ePg	24 23.59	
			eS	24 41.62	
ABL	1.86	267	ePn	24 26.01	-1.0
TPNV	2.05	16	ePn	24 29.01	-0.6
BCH	2.57	276	ePn	24 35.78	-1.3
GLA	2.61	137	ePn	24 34.25	-3.3
			ePg	24 41.93	
TNP	3.11	356	ePn	24 43.20	-1.5
BONR	3.16	340	ePn	24 44.68	-0.9
ARUT	3.99	44	(P)	25 00.45	3.2
MSU	5.22	46	(P)	25 13.11	-1.7
12 obs. associated					
% SEP 06, 1992 15h 58m 02.98±1.22s					
16.512 N ± 13.1km 98.372 W ± 7.1km					
DEPTH = 33.0km (normal)					
NEAR COAST OF GUERRERO, MEXICO (58)					
ACX	1.47	284	iP	58 27.00	-0.4
			iS	58 44.00	
OXX	1.68	70	iP	58 31.00	0.4
			iS	58 52.50	
III	2.13	331	eP	58 37.50	0.4
			iS	59 04.00	
IIT	2.50	1	eP	58 43.00	0.6
TPM	2.54	345	(P)	58 42.00	-1.0
IISM	2.64	21	iP	58 43.50	-0.6
PBJ	2.85	91	(P)	58 47.00	-0.1
MRX	4.16	320	(P)	59 06.50	0.8
			(S)	00 06.50	
COLM	5.72	298	(P)	59 44.00	16.1X
S.D. = 0.8 on 8 of 9 obs.					
* SEP 06, 1992 16h 24m 59.54±1.50s					
39.491 S ± 6.5km 174.138 E ± 7.5km					
DEPTH = 235.0 ± 17.5 km					

NORTH ISLAND, NEW ZEALAND (159)					
CNZ	1.13	76	P	25 33.90	-0.3
NGZ	1.18	75	P	25 34.30	-0.2
DIW	1.32	187	Pd	25 35.60	0.2
KIW	1.49	157	P	25 36.60	-0.1
WAHZ	1.73	98	P	25 38.60	-0.1
CAW	1.77	157	P	25 38.90	0.0
QRZ	1.82	222	P	25 39.20	-0.2
WEL	1.86	165	P	25 39.70	0.0
MTW	1.97	148	P	25 40.50	-0.3
WLZ	1.98	36	P	25 41.10	0.2
TTH	2.08	92	P	25 42.40	0.6
MOW	2.11	157	P	25 41.80	-0.3
BLW	2.14	152	P	25 42.20	-0.2
AMW	2.20	146	P	25 42.80	-0.2
CCW	2.26	178	eP	25 44.30	0.7
PAHZ	2.35	75	P	25 44.90	0.3
MOH	2.36	82	eP	25 45.00	0.3
DSZ	2.87	218	Pc	25 50.10	0.0
NOZ	3.16	75	P	25 53.20	-0.1
H8Z	3.77	61	P	25 59.90	-0.5
S.D. = 0.3 on 20 of 20 obs.					

& SEP 06, 1992 17h 51m 06.69s					
34.023 N 117.191 W					
DEPTH = 6.0km (geophysicist)					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 3.6 (PAS), 3.4 (GS).					
Felt (IV) at Lomo Lindo, Mira					
Lomo and Rioito. Felt (III) at					
Beaumont. Also felt at					
Riverside.					
PEC	0.13	169	iPc	51 09.43	-0.1
SSK	0.46	294	iPc	51 15.36	-0.5
PLM	0.72	158	eP	51 19.76	-1.4
			S	51 28.88	
ABL	1.87	297	ePn	51 38.24	-1.5
ISA	1.95	328	ePnd	51 39.14	-1.5
GLA	2.20	115	ePn	51 41.95	-2.4
BCH	2.65	297	ePnd	51 49.53	-1.3
TPNV	3.02	14	ePn	51 55.40	-0.7
			eS	52 42.22	
PHAM	3.20	305	ePn	51 56.26	-2.2
BONR	4.03	347	ePn	52 09.75	-0.7
TNP	4.05	360	ePn	52 09.80	-0.9
ARUT	4.84	38	ePn	52 20.67	-1.2
MSU	6.04	41	ePn	52 37.47	-1.5
13 obs. associated					

? SEP 06, 1992 18h 41m 50.98± 4.93s					
5.849 S ±34.4km 149.593 E ±35.5km					
DEPTH = 33.0km (normal)					
NEW BRITAIN REGION, P.N.G. (192)					
ML 4.9 (PMG).					
FINC	1.89	246	eP	42 20.60	-0.9
LAT	2.70	252	eP	42 31.50	-1.5
YYYY	3.63	264	eP	42 47.00	0.7
PMG	4.28	214	eP	42 57.00	1.5
			eS	43 41.00	
MNDI	5.91	267	eP	43 20.00	1.2
QIS	17.54	213	eP	45 54.20	-0.6
	0.3s	2.00nm		3.7mb X	
WB2	20.39	225	eP	46 25.00	-2.9X
	0.3s	80.30nm		5.6mb	
ASPA	23.28	219	iPd	46 57.10	0.3
	0.4s	19.60nm		5.0mb	
			eS	51 00.00	
WARB	29.82	225	eP	47 56.70	-0.8
S.D. = 1.3 on 8 of 9 obs.					

* SEP 06, 1992 18h 55m 47.69± 0.77s					
11.322 N ±11.5km 87.054 W ±13.9km					
DEPTH = 10.0km (geophysicist)					
4.2mb (6 obs.)					
NEAR COAST OF NICARAGUA (74)					
PRM	23.06	10 (P)		00 54.02	-0.3
JSC	23.46	12 (P)		00 59.08	0.9
PWLA	23.57	358 (P)		00 58.59	-0.6
UYO	23.72	345 iPd		01 20.30	19.5X
LHS	23.74	13 (P)		00 59.11	-1.8
GBTN	24.37	6 eP		01 07.36	0.3
TKL	24.41	6 eP		01 07.45	0.0
CEH	25.50	15 eP		01 17.64	-0.2

06d 19h

1.1s 14.81nm 4.6mb
 MEO 25.61 338 iPd 01 19.00 0.1
 TUL 25.73 343 e(P) 01 18.50 -1.5
 0.9s 11.10nm 4.6mb
 ALO 29.40 326 eP 01 51.85 -1.8
 0.8s 2.11nm 4.0mb
 GOL 32.60 333 eP 02 22.29 0.4
 0.8s 2.54nm 4.2mb
 MSU 35.15 325 (P) 02 44.50 0.5
 RSSD 35.82 339 (P) 02 49.30 -0.2
 0.6s 2.29nm 4.2mb
 DAU 36.00 328 (P) 02 52.37 1.1
 BW06 36.95 332 (P) 02 58.00 -1.1
 0.8s 1.43nm 3.8mb
 SIV 37.38 136 P 03 03.40 0.7
 HVU 37.78 328 (P) 03 07.73 1.7
 BONR 38.53 319 (P) 03 13.65 1.2
 LMN 39.29 25 eP 03 20.50 2.1
 LRM 40.62 333 eP 03 37.10 7.4X
 BAO 47.04 124 e(P) 04 21.00 -0.7
 WB2 139.30 253 ePKP 15 16.00 -1.0
 0.5s 2.40nm
 8DT 150.99 348 ePKP 15 42.00 4.8X
 S.D. = 1.2 on 21 of 24 obs.

& SEP 06, 1992 19h 33m 19.92s
 34.433 N 116.520 W
 DEPTH = 10.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).

PEC 0.76 225 iPd 33 33.66 -1.1
 SSK 1.00 257 iPc 33 38.00 -0.9
 eS 33 51.16
 PLM 1.11 195 eP 33 40.15 -0.8
 eS 33 54.46
 GLA 1.97 134 ePn 33 50.37 -3.4
 ePn 33 56.08
 ISA 2.02 308 ePn 33 51.22 -3.2
 ePg 33 55.83
 ABL 2.27 281 (P) 33 59.50 1.3
 TPNV 2.52 5 (Pn) 34 00.35 -1.3
 TNP 3.68 351 (P) 34 24.72 6.4
 MSU 5.37 39 (P) 34 47.74 5.5
 9 obs. associated

% SEP 06, 1992 20h 06m 12.16±1.43s
 5.968 S ±13.5km 145.732 E ±14.1km
 DEPTH = 83.4 ± 24.1 km
 EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY 0.36 139 eP 06 25.90 0.4
 eS 06 37.00
 MDG 0.72 4 eP 06 27.30 -1.1
 LAT 1.44 119 iPd 06 38.30 1.1
 MNDI 2.07 265 eP 06 46.00 0.1
 eS 07 15.60
 WWKK 3.14 318 eP 07 01.00 0.6
 PMG 3.70 158 eP 07 07.00 -1.1
 eS 07 48.00
 S.D. = 1.5 on 6 of 6 obs.

% SEP 06, 1992 20h 35m 19.63±0.63s
 42.387 N ± 5.1km 19.455 E ± 4.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

TTG 0.15 287 iPgC 35 23.38 0.3
 iSg 35 26.45
 PVY 0.44 61 iPgD 35 28.55 0.0
 iSg 35 35.80
 ULC 0.45 200 iPgD 35 29.07 0.3
 iSg 35 36.02
 BDV 0.48 258 iPgD 35 28.82 -0.5
 iSg 35 36.67
 NKY 0.54 322 ePg 35 30.76 0.1
 iSg 35 38.88
 IVA 0.58 34 iPgD 35 31.12 -0.4
 iSg 35 40.06
 HCY 0.71 275 iPgC 35 33.52 -0.1
 iSg 35 43.72
 BRV 0.85 308 iPgD 35 35.96 -0.1
 iSg 35 48.15
 PLE 0.94 357 iPgD 35 38.08 0.4
 iSg 35 51.88
 S.D. = 0.4 on 9 of 9 obs.

? SEP 06, 1992 21h 35m 01.01±1.68s
 11.495 N ±32.4km 87.086 W ±51.2km
 DEPTH = 10.0km (geophysicist)
 3.4Msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

UYO 23.55 345 iPd 40 11.50 -0.9
 VVO 25.00 343 eP 40 26.60 0.2
 e 40 33.50
 TUL 25.55 343 ePc 40 31.70 0.1
 1.0s 25.50nm 4.9mb
 Z 20s 0.13um 3.4Msz
 e 40 37.50
 S 45 31.00
 LR 48 24.00
 EEO 35.68 9 eP 42 02.50 1.1
 SIV 37.53 136 eP 42 19.00 1.7
 ULM 39.31 351 eP 42 31.50 -0.3
 LRM 40.46 333 eP 42 41.80 0.2
 BAO 47.16 124 e(P) 43 34.00 -2.0
 S.D. = 1.3 on 8 of 8 obs.

? SEP 06, 1992 21h 53m 09.34±3.58s
 34.099 S ±26.0km 179.659 E ±42.6km
 DEPTH = 347.0 ± 19.4 km
 4.0mb (1 obs.)
 SOUTH OF KERMADEC ISLANDS (179)

H8Z 3.66 197 P 54 15.00 -0.1
 KUZ 4.16 229 eP 54 18.70 -1.6
 NOZ 4.70 196 eP 54 24.50 -1.4
 WLZ 5.00 220 eP 54 31.20 1.9
 PAHZ 5.19 203 eP 54 32.80 1.3
 MOH 5.41 201 eP 54 35.40 1.5
 NGZ 6.03 212 eP 54 40.60 -0.5
 WAHZ 6.18 204 eP 54 42.90 0.1
 BSZ 6.83 212 eP 54 51.90 1.6
 PGZ 7.04 202 eP 54 54.10 1.4
 MNG 7.31 206 eP 54 54.50 -1.4
 S 56 21.90
 KIW 7.73 208 eP 55 00.50 -0.5
 MTW 7.78 204 eP 55 01.20 -0.3
 AMW 7.83 202 eP 55 02.80 0.7
 CAW 7.89 206 eP 55 00.90 -1.9
 DIW 8.10 213 eP 55 05.30 0.0
 MRW 8.13 207 eP 55 05.30 -0.3
 eS 56 40.10
 TCW 8.28 209 eP 55 05.80 -1.7
 THZ 9.32 213 eP 55 21.00 0.9
 eS 57 08.90
 DSZ 9.83 217 eP 55 26.00 -0.2
 LTZ 10.42 212 eP 55 33.70 0.4
 WB2 42.42 277 iPd 00 32.80 0.1
 0.2s 2.20nm 4.0mb
 S.D. = 1.2 on 22 of 22 obs.

SEP 06, 1992 22h 08m 03.87±0.41s
 3.555 S ± 5.9km 144.904 E ± 7.8km
 DEPTH = 19.5km (3 depth phases)
 4.8mb (11 obs.) 4.8Msz (4 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 13S, 17C
 Centroid Location:
 Origin Time 22:08: 6.5 2.0
 Lat 3.30S 0.19 Lon 145.27E 0.11
 Dep 15.0 FIX Half-duration 1.0
 Moment Tensor: Scale 10**16 Nm
 Mrr= 0.19 0.47 Mtt= 0.49 0.43
 Mff=-0.68 0.63 Mrt= 2.16 1.20
 Mrf=-1.53 1.16 Mtf= 4.41 0.46
 Principal Axes:
 T Val= 4.47 Plg=10 Azm=322
 N 1.22 64 73
 P -5.68 23 227
 Best Double Couple: Mo=5.1*10**16
 NP1:Strike= 7 Dip=66 Slip=-170
 NP2: 273 81 -24

WWKK 1.28 267 iPc 08 28.30 1.6
 MDG 1.90 153 eP 08 34.20 -1.4
 MNDI 2.87 206 iP 08 54.00 4.4X
 iS 09 37.00
 YYYY 2.87 158 eP 08 52.00 2.4X
 LAT 3.73 146 eP 09 01.10 -0.6

FINC 4.23 136 eP 09 04.00 -4.8X
 HNR 16.04 112 eP 11 51.00 0.9
 QIS 17.67 197 eP 12 11.70 1.0
 0.3s 2.00nm 3.7mb X
 WB2 19.27 211 iPd 12 29.30 -1.0
 0.6s 36.40nm 4.8mb
 KNA 19.97 232 eP 12 36.50 -1.6
 ASPA 22.65 207 iPc 13 06.20 1.0
 1.0s 21.80nm 4.6mb
 Z 19s 3.10um 4.8Msz
 eS 14 13.50
 eS 17 12.70
 OLP 22.91 182 eP 13 10.10 2.4X
 0.6s 18.00nm 4.8mb
 RMQ 23.10 171 eP 13 11.00 1.4
 0.4s 11.00nm 4.7mb
 STK 28.35 186 eP 13 59.30 0.6
 0.7s 2.20nm 4.0mb
 WAR8 28.51 216 eP 14 00.60 0.3
 0.4s 8.00nm 4.8mb
 MBL 30.01 232 eP 14 12.50 -1.3
 MRWA 37.47 224 eP 15 17.50 -0.6
 MAT 40.38 352 eP 15 43.00 0.8
 SSE 41.22 328 eP 16 03.00 13.9X
 Z 20s 1.40um 4.8Msz
 eS 22 08.00
 KMI 49.86 307 eP 16 59.00 0.6
 XAN 50.48 321 P 17 02.60 -0.2
 Z 26s 0.66um 4.5MszX
 eS 24 18.00
 BJI 50.77 332 eP 17 00.00 -4.7X
 Z 24s 0.64um 4.6MszX
 eS 24 18.00
 TIY 50.93 327 eP 17 07.80 1.7
 Z 22s 1.05um 4.8Msz
 CD2 52.08 314 eP 17 14.00 -1.0
 Z 16s 0.45um 4.6MszX
 HHC 53.67 329 eP 17 26.40 -0.3
 Z 30s 1.25um 4.8MszX
 BTO 54.30 328 eP 17 31.40 0.1
 LZH 55.01 319 eP 17 35.50 -1.2
 1.4s 21.00nm 5.0mb
 Z 25s 0.54um 4.5MszX
 pP 17 41.00 18km
 sP 17 44.00
 GTA 59.54 320 eP 18 08.00 -0.6
 0.8s 5.00nm 4.7mb
 pP 18 12.60 15km
 WMO 69.59 320 P 19 14.00 0.1
 1.2s 0.70nm 4.8mb
 Z 20s 0.32um 4.6Msz
 pP 19 22.00 26km
 SVW 78.91 25 eP 20 08.65 1.2
 0.8s 14.14nm 5.0mb
 SLKM 81.02 27 (P) 20 16.63 -2.0
 FBA 83.77 23 eP 20 31.61 -1.2
 1.0s 5.55nm 4.7mb
 SIV 147.79 128 ePKP 27 49.00 1.9
 S.D. = 1.2 on 27 of 33 obs.

& SEP 06, 1992 22h 16m 53.68s
 34.025 N 117.195 W
 DEPTH = 6.3km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.9 (GS).

PEC 0.14 168 iPc 16 56.61 0.0
 SSK 0.45 294 iPc 17 02.25 -0.6
 PCF 0.50 273 ePc 17 02.90 -0.7
 S 17 11.00
 VPD 0.52 246 iPc 17 03.56 -0.5
 S 17 11.01
 PEM 0.58 284 iPc 17 04.51 -0.8
 SNS 0.66 207 eP 17 06.38 -0.6
 S 17 15.81
 FLAS 0.67 257 eP 17 06.86 -0.2
 S 17 16.36
 PLM 0.73 157 iPc 17 06.99 -1.2
 S 17 16.06
 MWC 0.74 286 iP 17 07.30 -1.2
 LNAS 0.75 252 eP 17 08.65 0.0
 RCP2 0.82 253 eP 17 09.73 -0.1
 S 17 21.15
 PAS 0.82 279 ePc 17 08.46 -1.4
 S 17 21.37
 LCL 0.85 257 eP 17 10.35 -0.1
 S 17 22.94

LOMS 0.93 256 eP 17 11.52 -0.2
 GFP 0.93 277 eP 17 10.31 -1.5
 S 17 23.67
 FMA 0.96 251 eP 17 11.59 -0.7
 DHB 0.99 270 eP 17 12.46 -0.3
 S 17 26.44
 PVRC 1.02 255 ePc 17 11.97 -1.2
 S 17 26.05
 PVPS 1.03 257 ePc 17 12.35 -1.1
 S 17 26.51
 SCY 1.05 275 ePc 17 12.22 -1.6
 S 17 27.59
 CIS 1.18 239 eP 17 14.64 -1.4
 S 17 31.27
 CIW 1.26 244 eP 17 15.47 -1.9
 S 17 33.47
 ABL 1.87 297 ePn 17 25.32 -1.3
 ISA 1.94 328 ePn 17 25.81 -1.8
 GLA 2.20 115 ePn 17 28.17 -3.2
 BCH 2.65 297 ePn 17 37.19 -0.6
 TPNV 3.02 15 (Pn) 17 39.29 -3.7
 S 18 28.98
 PHAM 3.19 305 ePn 17 43.55 -1.8
 BONR 4.02 347 ePn 17 56.22 -1.2
 TNP 4.05 360 (P) 17 56.80 -0.9
 30 obs. associated

% SEP 06, 1992 22h 28m 00.48 ± 0.83s
 40.421 N ± 7.3km 23.768 E ± 10.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 1.9 (THE).

OUR 0.18 118 ePg 28 04.26 -0.3
 eSg 28 07.18
 PAIG 0.50 188 ePg 28 10.82 0.2
 SOH 0.51 322 ePg 28 09.90 -0.9
 eSg 28 16.66
 SRS 0.71 349 ePg 28 15.18 0.7
 KNT 0.99 319 ePg 28 19.57 0.3
 S.D. = 0.9 on 5 of 5 obs.

& SEP 06, 1992 22h 47m 29.61s
 35.012 N 116.965 W
 DEPTH = 4.1km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.5 (PAS), 3.1 (GS).

SSK 1.00 217 ePd 47 47.99 -1.2
 S 48 01.59
 PEC 1.13 188 iPd 47 50.33 -1.0
 ISA 1.39 298 eP 47 54.64 -1.3
 S 48 14.54
 PLM 1.66 177 eP 47 58.51 -1.2
 S 48 21.39
 ABL 1.86 266 ePn 48 01.33 -1.4
 TPNV 2.02 17 ePn 48 04.12 -0.8
 S 48 35.05
 BCH 2.56 275 ePn 48 10.73 -2.0
 GLA 2.64 137 ePn 48 10.69 -3.1
 ePg 48 18.02
 PKEM 2.77 293 (P) 48 15.10 -0.5
 PHAM 2.92 287 ePn 48 16.02 -1.7
 TNP 3.07 356 ePn 48 18.72 -1.3
 ePg 48 26.01
 BONR 3.13 340 ePn 48 20.26 -0.6
 ePg 48 28.28
 ARUT 3.97 45 ePn 48 32.15 -0.6
 ePg 48 43.61
 S 49 34.25
 MSU 5.20 46 (Pn) 48 49.76 -0.5
 14 obs. associated

SEP 06, 1992 23h 07m 34.68 ± 0.24s
 24.554 N ± 5.0km 94.999 E ± 4.0km
 DEPTH = 122.2km (2 depth phases)
 4.5mb (34 obs.)
 MYANMAR-INDIA BORDER REGION (294)

LSA 6.17 327 iP 09 06.20 1.1
 CHG 6.79 147 ePnc 09 13.40 0.2
 eSg 10 56.70
 KMI 7.06 84 Pd 09 19.50 2.5
 Z 16s 6.00um
 N 10s 0.90um
 E 14s 4.80um
 BDT 8.18 152 eP 09 32.00 0.0

GUN 8.84 294 P 09 40.28 -1.1
 PKI 9.13 291 P 09 43.76 -1.4
 0.3s 347.00nm 6.5mb X
 KKN 9.31 292 P 09 45.86 -1.6
 DMN 9.40 291 P 09 47.08 -1.6
 0.3s 177.00nm 6.4mb X
 GKN 9.91 292 P 09 53.96 -1.5
 CD2 10.01 49 eP 09 55.40 -1.3
 NST 10.06 150 eP 10 01.50 4.2X
 GYA 10.71 77 iPd 10 10.80 4.8X
 1.0s 29.00nm 5.0mb
 LZH 13.79 32 eP 10 45.50 -0.8
 1.0s 22.00nm 4.4mb
 GTA 15.36 14 eP 11 06.20 0.1
 0.8s 12.00nm 4.2mb
 pP 11 21.00
 XAN 15.38 49 P 11 02.50 -3.8X
 HYB 16.91 248 eP 11 27.70 2.3
 eS 14 22.00
 WHN 18.16 67 eP 11 39.50 -0.8
 Z 20s 2.50um
 pP 11 48.50
 GBA 19.83 240 P 12 00.10 2.0
 S 15 33.00
 WMO 20.13 344 iPd 12 01.50 0.4
 1.0s 51.00nm 4.9mb
 Z 10s 0.28um 3.9mszX
 PP 12 21.00
 BTO 20.35 35 eP 12 04.20 0.8
 KSH 21.86 317 Pc 12 22.50 4.0X
 1.0s 70.00nm 5.0mb
 pP 12 41.00 85kmX
 TIA 22.29 53 eP 12 23.40 0.8
 SSE 24.03 68 Pd 12 39.50 0.1
 1.0s 9.00nm 4.2mb
 MAIO 32.60 299 eP 13 57.00 0.3
 KNA 51.87 137 eP 16 31.10 -1.6
 WRA 58.51 136 P 17 19.60 -0.9
 0.7s 5.60nm 4.7mb
 W82 58.51 136 iPc 17 19.50 -1.0
 0.3s 24.50nm 5.7mb X
 KAF 58.65 329 iP 17 21.00 0.0
 0.4s 3.20nm 4.7mb
 WARB 58.99 147 eP 17 23.00 -0.7
 NUR 59.29 327 iP 17 25.50 0.1
 0.5s 10.30nm 5.1mb
 KEV 59.59 338 eP 17 28.00 0.6
 ASPA 61.00 139 iPc 17 36.60 -0.9
 0.8s 12.30nm 4.9mb
 OIS 62.40 132 eP 17 45.40 -1.5
 1.0s 15.00nm 4.9mb
 UPP 62.79 326 iP 17 48.60 -0.3
 VRAC 64.39 315 iP 18 00.40 0.8
 0.6s 9.00nm 4.9mb
 HFS 64.74 327 eP 18 01.50 -0.2
 0.5s 14.60nm 5.2mb
 GEC2 66.34 315 ePc 18 12.50 0.2
 0.6s 2.88nm 4.4mb
 ePp 18 42.70 123km
 KHC 66.37 315 eP 18 11.00 -1.4
 e 18 41.00 122km
 e 19 10.00
 CTA 66.76 127 P 18 15.39 0.2
 GRF 67.77 316 e(P) 18 22.60 1.5
 0.8s 4.00nm 4.4mb
 CDF 70.59 315 eP 18 38.40 -0.2
 0.8s 5.65nm 4.4mb
 PCP 70.78 311 P 18 39.02 -0.7
 WLF 70.97 317 P 18 43.00 2.4
 PGF 71.01 309 eP 18 41.20 0.0
 0.6s 7.95nm 4.7mb
 FIN 71.11 311 P 18 40.76 -0.9
 ROB 71.32 311 P 18 43.43 0.5
 IMI 71.41 310 P 18 43.53 0.0
 LSD 71.48 312 P 18 44.35 0.2
 RSP 71.50 312 P 18 43.23 -0.8
 BHB 71.58 311 P 18 44.15 -0.3
 STK 71.63 139 P 18 45.40 0.6
 LPG 71.74 312 eP 18 46.10 0.4
 0.6s 6.60nm 4.6mb
 LPL 71.75 312 eP 18 46.10 0.4
 0.5s 9.25nm 4.8mb
 PZZ 71.79 311 P 18 44.76 -1.1
 RRL 71.88 312 P 18 45.69 -0.8
 FRF 72.37 310 eP 18 49.10 0.0
 0.7s 3.75nm 4.3mb
 LMR 72.54 310 eP 18 50.10 0.0

0.7s 4.50nm 4.4mb
 LRG 72.60 310 eP 18 50.70 0.3
 0.6s 6.95nm 4.6mb
 LOR 73.13 315 eP 18 53.20 -0.3
 0.7s 2.10nm 4.0mb
 LBF 73.14 314 eP 18 53.40 -0.2
 0.9s 4.60nm 4.3mb
 SMF 73.33 314 eP 18 54.70 0.0
 0.9s 11.80nm 4.7mb
 SSF 73.42 315 eP 18 55.30 0.2
 0.9s 9.65nm 4.6mb
 AVF 73.60 314 eP 18 56.30 0.1
 0.8s 4.85nm 4.3mb
 MAF 74.30 314 eP 19 01.00 0.7
 0.9s 5.10nm 4.3mb
 TCF 74.51 314 eP 19 02.20 0.7
 0.6s 5.25nm 4.5mb
 CAF 75.07 313 eP 19 05.50 0.8
 0.7s 3.10nm 4.2mb
 RJF 75.30 313 eP 19 07.00 1.0
 0.7s 4.85nm 4.4mb
 LPO 75.74 313 eP 19 09.20 0.7
 0.5s 3.00nm 4.3mb
 LFF 75.94 313 eP 19 10.50 0.9
 0.6s 3.70nm 4.3mb
 BUL 78.39 242 iPc 19 25.20 1.5
 1.0s 8.00nm 4.5mb
 BAD 144.22 277 e(PKP) 26 57.00 -1.5
 e 27 28.00
 S.D. = 1.0 on 67 of 71 obs.

& SEP 06, 1992 23h 30m 25.57s
 59.085 N 145.559 W
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 <AEIC>. ML 3.6 (AEIC), 4.1 (PMR).

MID 0.53 311 P 30 34.90 -1.3
 KAIM 1.03 34 iPc 30 41.23 -3.7
 eS 30 55.02
 RAGM 1.38 19 iPc 30 46.14 -4.8
 MTU 1.40 311 eP 30 46.88 -4.2
 HIN 1.40 340 iPc 30 46.56 -4.6
 eS 31 03.59
 HMT 1.42 27 iPc 30 47.24 -4.2
 eS 31 04.38
 SGAM 1.43 7 iPc 30 47.10 -4.5
 eS 31 05.33
 CVA 1.47 356 iPc 30 47.41 -4.6
 eS 31 04.29
 KNIM 1.68 320 iPc 30 50.36 -4.8
 eS 31 10.42
 FID 1.73 345 iPc 30 51.38 -4.5
 eS 31 12.44
 SNH 1.77 50 ePc 30 52.33 -4.1
 CYK 1.86 56 eP 30 51.06 -6.6
 eS 31 17.52
 WAX 1.94 44 iPc 30 54.46 -4.5
 eS 31 16.58
 GLI 1.96 337 iPc 30 54.39 -4.8
 WRG 2.03 60 eP 30 56.13 -4.2
 VZW 2.04 346 ePc 30 55.77 -4.7
 CROM 2.07 35 iPc 30 56.81 -4.2
 VLZ 2.09 350 iPc 30 56.28 -4.7
 eS 31 20.11
 TGL 2.17 38 iPc 30 58.15 -4.2
 SEW 2.23 299 eP 30 58.21 -4.8
 YAH 2.32 55 iPc 31 00.31 -4.3
 MPA 2.38 308 ePc 31 00.20 -5.0
 KLU 2.42 356 iPc 31 01.12 -4.8
 PTE 2.49 317 ePc 31 01.78 -5.0
 GLB 2.52 19 iPc 31 02.68 -4.6
 eS 31 31.59
 BALM 2.54 38 iPc 31 03.05 -4.5
 KNK 2.75 330 ePc 31 05.67 -4.8
 SLKM 2.75 303 eP 31 05.57 -5.0
 CTGM 2.84 47 eP 31 07.05 -4.8
 SCM 2.89 343 ePc 31 07.99 -4.6
 CNPM 2.94 281 eP 31 09.30 -4.0
 PMS 2.95 319 eP 31 07.57 -5.8
 TZL 2.97 1 eP 31 09.30 -4.3
 TOA 3.05 355 P 31 10.60 -4.1
 SML 3.06 334 eP 31 10.12 -4.7
 PLRM 3.08 326 eP 31 10.92 -4.2
 PMR 3.08 326 (P) 31 10.29 -4.8
 GHO 3.17 330 eP 31 11.01 -5.5

% SEP 07, 1992 05h 12m 31.45± 2.20s
33.643 S ± 6.3km 71.732 W ± 17.8km

07d 05h

DEPTH = 20.9 ± 7.7 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.8 (SAN).

LCCH	0.22	39	iPd	12 36.98	0.1
			iS	12 43.11	
LNK	0.41	139	iPd	12 39.89	-0.1
			iS	12 48.19	
TACH	0.66	91	iPd	12 44.42	0.2
			iS	12 56.22	
ROCH	0.90	42	iPd	12 48.13	-0.3
			iS	13 02.55	
CHCH	0.94	108	iPd	12 48.73	-0.3
PEL	1.01	61	iPd	12 50.41	0.3
			iS	13 06.76	
PCH	1.02	89	iP	12 50.20	-0.1
			iS	13 06.72	
CACH	1.05	117	iPd	12 51.28	0.3
			iS	13 08.67	
FCH	1.25	76	iPd	12 53.98	0.0
			iS	13 13.96	
JACH	1.35	45	iPd	12 55.33	0.0
			iS	13 15.46	

S.D. = 0.3 on 10 of 10 obs.

SEP 07, 1992 05h 47m 06.63 ± 0.31s
50.922 N ± 7.7km 172.850 W ± 3.9km
DEPTH = 33.0km (normol)
4.6mb (32 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)
ML 4.7 (PMR).

ADK	2.59	293	eP	47 45.77	-1.3
SMY	8.28	288	(P)	49 08.67	1.4
SDN	8.64	54	eP	49 07.80	-4.5X
SVW	13.98	37	(P)	50 24.41	0.0
TTA	15.08	31	(P)	50 38.39	-0.3
	1.2s	15.97nm		4.2mb X	
IMA	18.06	26	eP	51 14.46	-1.9X
	1.1s	8.75nm		3.8mb	
FBA	19.12	33	eP	51 25.35	-3.9X
	0.8s	8.12nm		4.0mb	
BALM	19.65	47	eP	51 33.44	-2.0X
MBC	32.67	21	eP	53 37.50	0.3
	1.0s	5.00nm		4.4mb	
YKA	32.82	47	eP	53 40.90	2.2
	0.5s	1.70nm		4.2mb	
LBFM	35.94	85	eP	54 06.92	1.0
MAT	37.46	267	(P)	54 18.00	-0.5
BONR	40.15	87	eP	54 42.20	0.9
TNP	40.76	86	ePd	54 46.52	0.3
	0.9s	8.35nm		4.5mb	
TPNV	42.06	87	eP	54 57.73	0.9
	0.6s	7.32nm		4.6mb	
BW06	42.83	75	eP	55 12.15	55kmX
	1.0s	3.33nm		4.0mb	
DAU	43.13	79	ePd	55 05.61	-0.1
		eP	55 20.66	58kmX	
ARUT	43.32	84	eP	55 07.05	0.0
		eP	55 22.46	60kmX	
FCC	43.53	48	eP	55 11.50	3.2X
MSU	43.67	82	ePd	55 10.35	0.3
		eP	55 25.00	56kmX	
PLM	43.95	91	eP	55 11.61	-0.6
SRU	44.35	80	eP	55 15.05	-0.4
GLA	45.43	90	eP	55 23.93	-0.1
GOL	47.19	76	eP	55 37.73	-0.3
	1.2s	9.47nm		4.7mb	
		eP	55 53.50	61kmX	
ALO	49.48	82	eP	55 55.54	-0.3
	1.6s	10.85nm		4.6mb	
		eP	56 10.50	57kmX	
BTO	52.47	291	P	56 18.80	0.5
ELC	58.46	68	eP	56 58.60	-2.9
		eP	57 13.72	56kmX	
LZH	59.08	290	eP	57 06.00	0.0
	1.5s	27.00nm		5.2mb	
		sP	57 20.00		
WMO	62.68	307	eP	57 31.00	0.8
		sP	57 43.00		
GYA	64.10	281	P	57 39.40	-0.4
LHS	65.31	65	eP	57 45.47	-1.9
KAF	66.29	350	iP	57 51.70	-1.5
	0.6s	2.30nm		4.5mb	
NUR	68.03	351	eP	58 03.20	-1.0
	0.5s	5.00nm		4.9mb	

NB2	68.34	358	P	58 05.00	-1.2
	0.7s	1.50nm		4.2mb	
HFS	69.17	357	eP	58 09.60	-1.7
	0.4s	2.70nm		4.7mb	
GUN	75.46	296	P	58 49.56	0.1
KKN	75.89	297	P	58 51.44	-0.3
PKI	75.99	296	P	58 52.02	-0.4
GKN	76.09	297	P	58 52.46	-0.3
DMN	76.13	297	P	58 52.58	-0.6
CLL	78.02	356	e(P)	59 17.00	14.1X
BRG	78.42	356	iP	59 05.60	0.5
	1.2s	22.00nm		5.0mb	
		i	59 18.90		
KHC	80.18	356	eP	59 15.00	0.3
	1.2s	5.00nm		4.4mb	
		e	59 29.00		
GEC2	80.45	356	eP	59 16.60	0.4
	0.7s	1.36nm		4.0mb	
		e	59 20.40		
		e	59 29.80		
		e	59 40.00		
		e	59 46.30		

CDF	81.05	360	eP	59 19.40	0.1
	0.8s	4.55nm		4.5mb	
BSF	81.63	0	eP	59 22.40	0.0
	0.7s	3.65nm		4.5mb	
LOR	82.15	2	eP	59 25.30	0.3
	0.8s	3.75nm		4.5mb	
SSF	82.35	3	eP	59 26.40	0.4
	0.8s	6.30nm		4.7mb	
LBF	82.44	2	eP	59 26.80	0.2
	0.8s	4.45nm		4.6mb	
AVF	82.61	3	eP	59 27.70	0.3
	0.9s	5.55nm		4.6mb	
MFF	82.65	5	eP	59 28.20	0.6
	1.0s	10.60nm		4.9mb	
SMF	82.77	2	eP	59 28.70	0.4
	0.9s	7.35nm		4.8mb	
LSF	83.09	4	eP	59 30.10	0.2
	1.1s	17.85nm		5.1mb	
MAF	83.16	3	eP	59 30.70	0.4
	0.8s	5.10nm		4.7mb	
LFF	84.36	5	eP	59 36.90	0.6
	0.7s	9.15nm		5.1mb	
WRA	84.41	229	P	59 37.00	0.2
		pP	59 51.29	49kmX	
CAF	84.43	4	eP	59 37.50	0.7
	1.1s	9.30nm		4.9mb	
LPO	84.64	4	eP	59 38.30	0.6
	1.0s	10.00nm		5.0mb	
SBF	85.60	360	eP	59 42.90	0.3
	0.9s	10.95nm		5.1mb	
PGF	86.90	359	eP	59 49.40	0.3
	0.9s	8.20nm		5.0mb	
OHR	87.57	350	eP	59 53.50	1.1
ASPA	87.81	227	P	59 54.20	0.7
BUL	144.93	323	iPKPd	06 41.60	-0.4
	0.7s	5.14nm		06 55.60	

S.D. = 0.8 on 57 of 63 obs.

& SEP 07, 1992 07h 58m 34.71s
60.159 N 140.874 W
DEPTH = 1.8km
SOUTHEASTERN ALASKA (19)
<AEIC>. ML 2.7 (AEIC). 2.3 (PGC).

YAH	0.48	296	iP	58 44.83	0.5
		eS	58 52.93		
WRG	0.59	259	eP	58 46.45	-0.1
CYK	0.81	265	eP	58 50.46	-0.4
		eS	59 02.30		
CTGM	0.84	345	eP	58 51.19	-0.3
		eS	59 03.20		
SNH	0.98	272	eP	58 53.19	-1.0
		eS	59 07.33		
WAX	1.03	287	eP	58 53.73	-1.2
TGL	1.14	303	eP	58 55.53	-1.3
BALM	1.14	321	eP	58 55.59	-1.3
CROM	1.27	299	eP	58 57.70	-1.5
		eS	59 16.24		
HMT	1.70	277	eP	59 04.30	-1.3
		eS	59 27.01		
HYT	1.80	67	P	59 08.30	1.2
		Lg	59 34.90		
RAGM	1.91	279	eP	59 07.06	-1.6

GLB	1.93	313	eP	59 07.85	-1.1
		eS	59 33.43		
SGAM	2.18	281	eP	59 11.52	-1.0
PLBC	2.38	105	P	59 16.60	1.1
		S	59 47.00		
KLU	2.81	301	eP	59 21.73	0.1
FID	2.84	284	eP	59 22.30	0.3
VLZ	2.86	292	eP	59 21.89	-0.3
VZW	2.94	290	eP	59 23.17	-0.3

19 obs. associated

% SEP 07, 1992 08h 47m 29.16 ± 0.77s
44.075 N ± 6.3km 11.792 E ± 7.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)

PGD	0.21	194	Pd	47 34.00	0.2
		eSg	47 40.40		
CRE	0.46	165	P	47 38.10	-0.5
		eSg	47 46.50		
BDI	0.86	270	P	47 45.80	0.0
		eSg	48 00.50		
ARV	1.01	124	P	47 48.50	0.2
		eSg	48 03.00		
ASS	1.19	148	P	47 51.50	0.2
FVI	2.61	15	P	48 12.00	-0.1

S.D. = 0.3 on 6 of 6 obs.

& SEP 07, 1992 08h 55m 30.35s
35.114 N 116.650 W
DEPTH = 0.1km
CENTRAL CALIFORNIA (39)
<PAS>. ML 3.1 (PAS). 2.8 (GS).

SSK	1.25	224	ePd	55 53.53	-1.0
		S	56 10.77		
PEC	1.29	199	ePd	55 54.34	-0.9
		S	56 12.74		
ISA	1.59	291	ePc	55 57.75	-2.1
		S	56 20.89		
PLM	1.76	186	ePn	56 01.35	-1.2
TPNV	1.86	10	ePn	56 02.48	-1.4
ABL	2.13	264	ePn	56 06.29	-1.5
		ePg	56 09.54		
GLA	2.55	143	ePn	56 10.60	-3.2
		iPg	56 17.54		
		(S)	56 52.78		
TNP	3.00	351	(P)	56 18.92	-1.3
ARUT	3.72	43	ePn	56 28.87	-1.6
MSU	4.94	45	ePn	56 46.51	-1.3

10 obs. associated

? SEP 07, 1992 10h 02m 21.39 ± 3.71s
5.478 S ± 36.5km 146.858 E ± 32.5km
DEPTH = 243.2 ± 16.0 km
EASTERN NEW GUINEA REG., P.N.G. (207)

MDG	1.10	282	eP	02 56.20	-0.3
YYYY	1.16	229	iPc	02 57.20	0.1
LAT	1.19				

T Val= 10.29 P1g=31 Azm=349			KUSJ	72.66	331	P	05	43.20	-0.5	PRU	149.07	347	PKP	14	02.00	4.8X									
N 0.17 51 212			SMY	73.05	354	(P)	05	42.92	-2.8				e	14	06.30										
P -10.47 21 93				1.5s	559.48nm				6.1mb X				e	15	02.00										
Best Double Couple: Mo=1.0e+10**17			ASAJ	74.40	330	P	05	54.60	0.8	HRI	149.12	302	ePKP	14	02.90	5.0X									
NP1: Strike=134 Dip=52 Slip= 8			BCH	76.18	44	eP	06	04.37	0.2	DSI	149.88	299	ePKP	14	04.60	5.6X									
NP2: 39 84 142						ipP	06	11.08	22kmX	KHC	150.08	348	PKPc	14	04.60	5.8X									
VUN	5.90	290	iPd	56	09.10	1.8							i	14	11.00										
RAO	9.34	192	P	56	48.60	-2.8							e	15	02.00										
			S	58	33.00								e	19	05.00										
BKM	15.39	276	iP	58	11.70	4.8X	PLM	77.28	47	eP	06	08.30	-2.1												
DZM	16.78	260	iPc	58	24.40	1.1	PEC	77.38	47	eP	06	09.98	-0.7	ZST	150.11	343	ePKP	14	03.20	4.4X					
			iS	01	28.90								epP	06	17.64	25kmX	GR84	150.12	350	ePKP	14	04.80	6.0X		
HBZ	18.21	195	eP	58	38.10	-0.1	ISA	77.52	45	eP	06	11.60	0.1		1.6s	22.00nm									
URZ	19.15	197	eP	58	45.50	-2.3		1.8s	73.15nm				pP	06	19.25	24kmX		Z	18s	0.30um		5.1msz			
			eS	02	09.60		ORV	77.96	40	eP	06	14.08	0.3												
NOZ	19.24	195	eP	58	49.60	0.9							pP	06	20.81	21kmX	GEC2	150.33	347	ePKPc	14	04.90	5.7X		
WLZ	19.27	201	P	58	50.40	1.5	GLA	78.53	48	eP	06	17.69	0.6		0.6s	3.89nm									
TAZ	19.30	199	eP	58	50.90	1.6							pP	06	25.04	23kmX									
UTU	19.35	200	eP	58	52.10	2.3	BONR	78.98	43	iP	06	20.15	0.5	MBH	150.72	295	ePKP	14	06.80	6.4X					
PATZ	19.52	199	eP	58	52.10	0.5							pP	06	27.60	24kmX	FLN	151.14	7	ePKP	14	06.30	6.0X		
PGZ	21.58	197	eP	59	12.20	0.4	TPNV	79.72	45	eP	06	22.71	-0.8		0.8s	13.45nm									
MNG	21.81	198	P	59	12.30	-1.7		0.8s	12.10nm				epP	06	31.25	27kmX	LDF	151.34	6	ePKP	14	06.70	6.1X		
			eS	03	00.50								pP	06	31.25	27kmX	GRR	151.46	7	ePKP	14	07.30	6.5X		
KIW	22.20	199	eP	59	17.10	-0.7	TNP	79.74	43	eP	06	23.54	-0.1		0.8s	18.65nm									
MTW	22.30	198	P	59	17.90	-0.9		1.0s	11.02nm				pP	06	31.12	24kmX	CDF	151.64	356	ePKP	14	08.00	6.8X		
AMW	22.37	197	eP	59	19.70	0.3							pP	06	31.12	24kmX		0.6s	8.05nm						
CAW	22.38	199	eP	59	18.40	-1.2	BMW	81.44	34	eP	06	32.97	0.9	LPF	151.79	8	ePKP	14	08.00	6.7X					
DIW	22.47	201	P	59	19.40	-1.0							epP	06	39.16	20kmX		0.7s	21.85nm						
BLW	22.50	198	eP	59	20.30	-0.4	MDJ	81.44	324	eP	06	32.50	0.4	HAU	152.10	357	ePKP	14	08.90	7.1X					
MRW	22.60	199	eP	59	19.80	-1.9		1.4s	69.00nm				pP	06	32.50	0.4		0.6s	14.05nm						
MOW	22.61	198	eP	59	21.40	-0.4	SHW	81.77	34	eP	06	35.51	1.5	BSF	152.25	356	ePKP	14	09.10	7.0X					
SNZO	22.68	199	P	59	21.50	-0.9	ARUT	82.05	45	eP	06	36.33	0.7		0.5s	5.90nm									
			S	03	22.00								pP	06	43.43	22kmX	LOR	152.89	1	ePKP	14	10.60	7.7X		
QRZ	22.98	203	P	59	26.70	1.3	GMW	82.37	33	eP	06	37.53	0.7	VBV	153.09	343	ePKP	14	04.00	0.8					
THZ	23.67	202	eP	59	32.10	0.2	RMW	82.82	34	eP	06	40.18	1.0		0.7s	7.70nm									
DSZ	24.05	203	eP	59	37.60	2.1							ipP	06	46.14	19kmX	SSF	153.09	1	ePKP	14	11.20	8.0X		
LTZ	24.79	201	eP	59	41.10	-1.2	SLKM	82.93	12	eP	06	38.45	-1.0		0.9s	8.20nm									
MOZ	25.49	200	eP	59	51.40	2.8	CPKM	83.24	11	eP	06	40.21	-1.0	LBF	153.17	0	ePKP	14	11.30	8.0X					
LMZ	26.71	205	eP	00	01.20	1.6							pP	06	48.70	27kmX		0.7s	4.20nm						
ODZ	27.34	201	eP	00	09.50	4.2X	CRP	83.25	11	eP	06	39.08	-2.2	MFF	153.31	7	ePKP	14	11.30	7.8X					
MSZ	28.04	205	eP	00	14.60	3.0X							pP	06	49.12	32kmX		0.7s	5.75nm						
RMQ	33.19	252	eP	00	58.00	1.2	MSU	83.28	45	eP	06	42.49	0.5	LSF	153.81	4	ePKP	14	12.20	8.0X					
			e	01	43.40								ipP	06	50.04	24kmX		0.8s	11.15nm						
CNB	34.25	236	iPd	01	05.90	0.1	SNY	83.30	319	eP	06	42.20	0.6	TCF	153.81	3	ePKP	14	12.50	8.3X					
	0.2s		4.00nm					1.6s	48.00nm					0.5s	3.00nm										
CAN	34.53	236	eP	01	54.50		CN2	83.31	321	Pc	06	42.20	0.5	MAF	153.90	3	ePKP	14	13.10	8.8X					
			e	01	09.30	1.1		1.4s	65.00nm					0.8s	7.50nm										
			e	01	39.50		PMR	84.14	12	eP	06	44.30	-1.1	LPL	154.56	356	ePKP	14	16.30	10.8X					
			e	01	54.80			1.3s	22.76nm					BCAO	159.16	224	ePKPd	14	14.00	2.1X					
BWA	34.75	238	eP	01	07.40	-2.6	SRU	84.69	45	eP	06	49.38	0.4		0.2s	6.00nm									
			i	01	37.60								epP	06	56.71	23kmX									
			i	01	54.40		DAU	84.89	44	eP	06	50.59	0.5												
CTA	35.68	263	P	01	18.50	0.6							pP	06	58.62	25kmX		S.D. = 1.3	on 90 of 122 obs.						
QLP	37.24	252	eP	01	31.00	0.8	DPW	84.97	35	eP	06	50.58	0.6												
	0.2s		19.00nm				ALQ	85.47	50	iPd	06	53.36	0.4												
PMG	37.37	281	eP	01	32.00	-0.1		1.3s	14.86nm				ipP	07	01.39	25kmX		& SEP 07, 1992	11h 06m 14.98s						
TOO	37.88	234	eP	01	36.00	-0.3								06	55.72	1.9	60.245 N	153.336 W							
	0.5s		20.00nm				HHA	85.71	41	(P)	06	55.72	1.9				DEPTH = 158.2km								
			i	01	38.10		8J1	87.13	314	eP	07	01.50	1.0				SOUTHERN ALASKA		(2)						
STK	39.91	244	eP	01	53.40	0.4		1.5s	29.00nm								<AEIC>.								
	0.4s		2.60nm				F8A	87.39	12	eP	06	58.69	-2.6	NCT	0.38	32	eP	06	36.26	0.7					
			e	02	41.10			1.2s	15.53nm								eS	06	52.82						
QIS	41.82	261	eP	02	08.00	-0.7	IMA	87.49	9	eP	07	01.65	-0.3	REF	0.40	52	eP	06	36.30	0.6					
ASPA	46.72	256	iPc	02	48.00	0.3		1.2s	1.63nm					DFR	0.47	43	iP	06	36.32	-1.2					
	0.3s		38.80nm				GOL	88.46	47	iPd	07	07.98	0.7	RDT	0.57	54	eP	06	36.66	-1.3					
			e	03	34.70			0.9s	4.13nm								S	06	54.86						
			eS	09	17.90		TIY	88.62	311	eP	07	08.50	0.6	OPT	0.60	175	eP	06	37.27	-0.8					
			iScS	12	21.20		TIY	88.62	311	eP	07	09.00	1.1				S	06	55.23						
WB2	46.78	261	iPd	02	47.00	-1.3	XAN	89.61	307	P	07	13.50	1.0	PDB	0.63	224	eP	06	37.32	-0.9					
	0.3s		21.30nm					1.5s	31.00nm					HOM	1.04	124	iP	06	40.51	-0.6					
			i	03	36.00												eS	07	00.23						
			eS	09	19.10		SES	90.28	35	eP	07	16.00	0.8				iP	06	40.60	-1.0					
WRA	46.79	261	P	02	47.50	-0.8	HHC	90.62	314	eP	07	18.40	1.3	CKL	1.07	27	iP	07	00.94						
FORT	51.44	246	eP	03	22.00	-1.6		1.2s	39.00nm					BGL	1.12	24	iP	06	41.27	-0.7					
WARB	53.01	252	eP	03	34.00	-1.3	RSSD	91.37	43	eP	07	20.29	-0.3	CGLM	1.25	31	eP	06	41.33						

07d 11h

PTE 2.22 72 iP 06 50.81 -2.7
 PLRM 2.46 55 eP 06 53.51 -2.9
 KNK 2.66 62 eP 06 57.41 -1.5
 KNIM 2.79 85 eP 06 57.84 -2.7
 MTU 2.86 93 eP 06 59.01 -2.4
 GLI 3.15 76 eP 07 02.24 -2.8
 FID 3.43 79 eP 07 05.60 -3.1
 VLZ 3.56 72 eP 07 08.18 -2.1
 KLU 3.84 68 eP 07 11.85 -2.2

26 obs. associated

SEP 07, 1992 11h 10m 08.13±0.25s
 34.651 N ± 5.1km 80.234 E ± 4.7km
 DEPTH = 14.9km (4 depth phases)
 4.8mb (31 obs.)

XIZANG (306)

KSH 5.88 326 Pn 11 40.50 3.7X
 Z 16s 4.70um Sn 12 50.20
 GKN 7.62 149 P 12 01.68 0.3
 0.5s 161.00nm 6.5mb X
 KKN 8.09 146 P 12 07.98 0.0
 0.7s 248.00nm 6.6mb X
 DMN 8.17 148 P 12 09.38 0.3
 0.4s 105.00nm 6.4mb X
 GUN 8.27 143 P 12 12.32 1.6
 PKI 8.33 146 P 12 11.42 -0.1
 0.6s 110.00nm 6.3mb X
 LSA 10.48 115 iPc 12 44.60 3.3X
 N 10s 2.58um
 E 10s 0.62um
 WMO 10.83 30 P 12 44.00 -1.6
 1.0s 16.00nm 5.3mb
 Z 10s 1.13um 3.8Msz
 N 10s 1.28um
 S 14 45.50
 GTA 16.34 67 P 13 59.00 0.5
 1.0s 9.00nm 3.9mb
 Z 10s 0.64um 4.0Msz
 MAIO 16.98 282 eP 14 07.00 0.4
 0.8s 12.08nm 4.1mb
 HYB 17.23 185 eP 14 09.00 -0.8
 LZH 19.30 79 eP 14 35.50 0.0
 1.0s 22.00nm 4.4mb
 Z 17s 0.69um
 N 17s 0.39um
 pP 14 38.00 9km
 eS 18 14.00
 CD2 20.12 94 eP 14 43.00 -1.2
 Z 10s 1.23um 4.6MszX
 E 10s 0.73um
 GBA 21.11 188 P 14 53.30 -1.2
 S 18 33.30
 KMI 21.66 110 Pd 15 01.20 0.9
 1.0s 30.00nm 4.7mb
 pP 15 06.00 17km
 CHG 22.92 129 ePc 15 12.90 0.3
 1.1s 18.99nm 4.5mb
 XAN 23.66 83 P 15 21.40 1.6
 BDT 24.12 131 eP 15 28.50 4.3X
 1.2s 52.70nm 5.0mb
 GYA 24.13 103 P 15 25.80 1.4
 1.0s 29.00nm 4.8mb
 pP 15 32.60 24km
 BTO 24.26 67 eP 15 28.00 2.4
 E 10s 0.28um
 LOE 25.75 126 eP 15 38.10 -1.8
 TIY 26.10 74 eP 15 43.80 0.8
 Z 12s 0.48um 4.3MszX
 N 12s 0.29um
 S 20 16.00
 MLR 42.20 302 ePd 18 03.00 1.0
 HFS 49.14 323 eP 18 54.80 -1.9
 0.6s 4.60nm 4.7mb
 Z 17s 0.32um 4.4MszX
 LR 39 24.00
 BRG 49.61 310 e(P) 19 02.00 1.4
 1.0s 14.00nm 4.9mb
 GEC2 50.08 308 ePd 19 05.40 1.1
 0.9s 4.01nm 4.4mb
 e 19 15.50 34kmX
 NB2 50.35 324 P 19 03.70 -2.4
 0.7s 5.20nm 4.6mb
 GRB5 51.34 308 eP 19 13.50 -0.3
 0.9s 6.00nm 4.5mb
 e 19 16.20 9km

CDP 54.34 308 eP 19 36.50 0.3
 BSF 54.79 308 eP 19 39.70 0.1
 0.8s 9.00nm 4.9mb
 LPG 55.45 305 eP 19 45.10 0.5
 0.8s 7.50nm 4.8mb
 SBF 55.45 303 eP 19 44.70 0.4
 0.7s 10.45nm 5.0mb
 LPL 55.45 305 eP 19 45.10 0.6
 0.9s 13.75nm 5.0mb
 SMF 57.05 307 eP 19 55.50 -0.2
 0.6s 3.45nm 4.6mb
 SSF 57.15 308 eP 19 56.10 -0.3
 0.8s 3.65nm 4.5mb
 AVF 57.33 307 eP 19 57.60 0.0
 1.0s 7.80nm 4.7mb
 TCF 58.24 307 eP 20 04.30 0.3
 1.3s 18.05nm 5.0mb
 LDF 59.01 310 eP 20 09.10 -0.2
 1.0s 14.00nm 5.0mb
 GRR 59.54 310 eP 20 12.90 -0.1
 0.8s 7.50nm 4.9mb
 TOL 64.87 302 ePd 20 50.00 1.2
 MBL 67.06 140 eP 21 01.40 -1.5
 MBC 68.68 5 ePc 21 11.50 -0.8
 1.0s 15.00nm 5.1mb
 IMA 71.42 20 eP 21 27.90 -1.5
 1.0s 5.93nm 4.6mb
 BUL 73.31 230 iPd 21 40.30 -0.9
 0.8s 8.96nm 4.9mb
 FBA 73.94 19 iPd 21 43.58 -0.5
 0.4s 4.20nm 4.8mb
 WRA 74.76 128 P 21 49.00 -0.5
 0.5s 1.50nm 4.3mb
 W82 74.77 128 iPd 21 48.70 -0.8
 0.9s 8.30nm 4.8mb
 WARB 74.79 138 eP 21 49.00 -0.5
 PMR 76.10 22 eP 21 56.09 -0.3
 1.1s 21.25nm 5.1mb
 ASPA 77.18 131 iPd 22 02.20 -0.9
 1.2s 9.10nm 4.7mb
 BALM 78.53 20 eP 22 09.88 -0.2
 KIC 82.30 272 P 22 32.40 1.6
 TIC 82.37 273 P 22 32.80 1.6
 ZOBO 146.29 295 PKP 29 49.40 -0.4
 LPB 146.42 294 ePKP 29 56.00 6.2X
 CNCB 146.50 294 PKP 29 50.20 0.1
 S.D. = 1.1 on 52 of 56 obs.

SEP 07, 1992 11h 53m 17.81±0.52s
 16.482 N ± 6.5km 99.192 W ± 5.4km
 DEPTH = 10.0km (geophysicist)
 4.7mb (11 obs.)

NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.75 301 iP 53 30.50 -1.9
 iS 53 39.50
 III 1.90 352 iP 53 51.00 0.2
 iS 54 16.50
 OXX 2.44 75 iP 54 00.00 1.5
 iS 54 32.50
 TPM 2.49 3 iP 53 57.00 -2.2
 IIT 2.66 18 eP 54 01.50 -0.3
 UNM 2.83 0 eP 54 05.00 0.8
 iS 54 41.00
 IISM 3.03 34 iP 54 07.00 0.3
 PBJ 3.63 90 (P) 54 15.50 0.2
 (S) 55 08.00
 MRX 3.73 330 eP 54 14.50 -2.1
 (S) 55 01.00
 COLM 5.06 303 (P) 54 35.00 -0.6
 CGX 5.17 309 eP 54 33.50 -3.8X
 SCX 6.29 87 (P) 55 00.00 7.0X
 TPX 6.86 102 (P) 55 31.00 30.1X
 UYO 18.12 13 iPd 57 29.80 -1.4
 MEQ 18.23 2 iPc 57 33.00 0.3
 FKO 18.77 5 iPc 57 44.10 4.8X
 VVO 19.03 9 eP 57 41.40 -1.0
 SIO 19.36 7 eP 57 44.60 -1.9
 e 57 51.20
 ALQ 19.50 342 eP 57 47.70 -0.7
 0.9s 10.38nm 4.1mb
 TUL 19.59 8 eP 57 46.70 -2.4
 0.7s 23.10nm 4.6mb
 Z 16s 0.20um 4.0Msz
 e 58 04.10
 S 01 28.00
 LR 03 41.00

RLO 19.95 10 eP 57 50.70 -2.3
 ACO 20.14 0 iPc 57 53.40 -1.5
 OLY 20.16 19 eP 57 53.39 -1.7
 PWLA 20.94 26 eP 58 03.01 -0.2
 GLA 21.72 322 iPd 58 11.52 0.3
 FVM 22.77 18 iPd 58 22.37 0.8
 0.9s 26.72nm 4.7mb
 PRM 23.15 38 eP 58 25.94 0.6
 PLM 23.16 320 iPc 58 28.50 2.9X
 GBTN 23.31 32 iPc 58 27.77 0.9
 TKL 23.53 33 iPd 58 30.22 1.2
 SGS 23.69 42 ePd 58 32.29 1.8
 PEC 23.70 320 iPd 58 32.18 1.5
 1.3s 23.79nm 4.6mb
 GOL 23.75 348 eP 58 32.36 0.9
 0.8s 19.04nm 4.7mb
 JSC 23.94 39 iPd 58 34.20 1.2
 SSK 24.24 320 (P) 58 38.75 2.6
 LHS 24.35 39 iPd 58 37.96 1.0
 SRU 24.63 338 eP 58 40.21 0.4
 ARUT 24.66 332 eP 58 40.84 0.7
 MSU 24.73 335 ePd 58 42.05 1.2
 EMUT 25.36 339 iPd 58 47.36 0.5
 ABL 25.61 319 eP 58 49.39 0.1
 ISA 25.70 322 eP 58 52.47 2.6
 0.9s 17.96nm 4.8mb
 DAU 26.04 339 eP 58 53.44 0.1
 CEH 26.34 39 eP 58 56.06 0.3
 0.8s 20.83nm 4.9mb
 BCH 26.37 319 (P) 58 57.30 1.1
 TNP 26.73 327 iPd 59 00.02 0.5
 0.9s 11.74nm 4.6mb
 BONR 27.21 326 eP 59 04.93 0.8
 BW06 27.67 343 iPd 59 07.90 -0.2
 1.1s 31.35nm 5.0mb
 RSSD 27.85 353 eP 59 09.87 0.1
 1.1s 19.56nm 4.8mb
 PTI 28.61 340 eP 59 17.37 0.8
 HHA 28.99 340 eP 59 20.13 0.2
 LCCM 31.13 343 eP 59 39.50 0.5
 e 59 45.10
 e 02 33.80
 LBFM 31.57 326 (P) 59 42.85 -0.1
 EEO 34.40 25 ePd 00 10.30 3.0X
 DPW 34.99 338 (P) 00 12.79 0.4
 SES 35.15 347 eP 00 14.00 0.3
 LON 35.54 333 eP 00 16.90 -0.2
 BMW 35.97 331 ePd 00 20.97 0.3
 RMW 36.09 334 (P) 00 20.57 -1.1
 GMW 36.58 333 ePd 00 25.21 -0.5
 JAO 41.50 21 eP 01 08.00 1.5
 ZOBO 44.71 135 P 01 33.20 -0.7
 LPB 44.90 135 (P) 01 34.00 -1.2
 CNCB 45.18 136 eP 01 37.00 -0.6
 SIV 49.55 129 eP 02 10.00 -1.2
 BAO 59.75 120 e(P) 03 24.00 -1.8
 e 03 28.00
 MBC 60.70 355 eP 03 30.50 -0.8
 1.0s 7.00nm 4.7mb
 GBA 149.92 7 PKP 13 09.70 4.0X
 S.D. = 1.2 on 61 of 68 obs.

% SEP 07, 1992 12h 28m 12.50±0.68s
 39.928 N ± 7.6km 29.126 E ± 5.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

DST 0.50 230 iPg 28 22.60 -0.1
 iSg 28 30.10
 KCT 0.67 299 iPg 28 25.80 -0.1
 iSg 28 35.80
 GPA 0.98 68 ePn 28 31.00 -0.1
 BNT 1.02 295 iPn 28 31.80 0.0
 EDC 1.05 294 iPn 28 32.50 0.1
 ALT 1.16 139 ePn 28 34.30 0.1
 S.D. = 0.1 on 6 of 6 obs.

SEP 07, 1992 12h 33m 10.35±1.23s
 42.485 N ± 5.0km 125.358 W ± 11.5km
 DEPTH = 10.0km (geophysicist)

OFF COAST OF OREGON (30)

DBO 1.68 67 Pc 33 40.19 0.2
 RNO 1.85 39 Pc 33 42.21 -0.3
 HSO 1.96 57 P 33 43.99 -0.1
 FHC 1.97 148 e(P) 34 04.68 20.5X
 MPOR 2.41 32 P 33 51.00 0.5

HBO	2.60	58	Pc	33	53.84	0.5	CVA	0.73	119	iPc	37	52.93	-1.2	HON	4.33	106	eP	38	41.74	-4.3	
FBO	2.73	47	P	33	55.12	0.1	KLU	0.80	42	iPd	37	53.87	-1.6	MLY	4.47	339	eP	38	46.80	-1.4	
LBFM	2.83	113	eP	33	55.92	-0.7	KNK	0.86	307	iPc	37	55.02	-1.4	IMA	5.97	333	eP	39	06.25	-3.2	
SSOR	3.17	41	P	34	02.06	0.8			eS	38	07.18		79 obs. associated								
BPO	3.44	50	Pd	34	05.37	0.2	SCM	0.94	351	ePc	37	56.20	-1.6	& SEP 07, 1992 15h 43m 16.52s							
GT2	3.48	39	P	34	06.20	0.5			eS	38	08.72		59.917 N 152.167 W								
PGO	3.64	34	P	34	08.49	0.5	LT1	0.96	206	ePd	37	56.52	-1.5	DEPTH = 70.3km							
VLMM	3.88	37	P	34	11.71	0.3			eS	38	08.88		SOUTHERN ALASKA (2)								
RVW	4.12	26	P	34	15.17	0.6	MTU	0.97	199	ePd	37	56.83	-1.3	<AEIC>.							
ORV	4.13	134	eP	34	15.29	0.4			eS	38	10.24										
LVP	4.16	30	P	34	15.15	-0.2	PTE	0.98	268	iPc	37	56.56	-1.6	HOM	0.37	134	eP	43	27.97	-0.4	
MTMW	4.20	31	P	34	15.55	-0.4			eS	38	09.36				eS			43	37.08		
FL2	4.29	29	P	34	17.07	-0.2	SGAM	0.98	114	iPc	37	56.95	-1.4	XLV	0.52	154	eP	43	28.67	-1.0	
JLK	4.32	31	P	34	17.28	-0.4			eS	38	10.60				S			43	38.62		
CDFW	4.34	32	Pd	34	17.60	-0.3	SML	1.10	326	iPc	37	58.76	-1.4	OPT	0.60	244	eP	43	30.11	-0.5	
STD	4.37	30	P	34	18.29	-0.1			eS	38	14.14				eS			43	40.77		
ERK	4.39	28	P	34	18.23	-0.4	MPA	1.22	251	ePd	37	59.97	-1.8	CNPM	0.61	129	iP	43	30.00	-0.7	
SOSW	4.40	31	P	34	18.54	-0.3			eS	38	16.18				eS			43	40.85		
ASR	4.55	35	P	34	20.82	-0.1	PLRM	1.23	305	iPc	38	00.48	-1.3	RS1	0.62	332	eP	43	30.46	-0.5	
KOSW	4.58	29	P	34	21.32	0.1	PMR	1.23	305	iPc	38	00.16	-1.7	RSO	0.62	332	eP	43	30.46	-0.5	
LMW	4.72	27	P	34	23.90	0.5	GHO	1.26	314	iPc	38	01.23	-1.2	RS2	0.62	332	eP	43	30.47	-0.6	
GL2	4.76	42	P	34	24.23	0.3			eS	38	18.49		REF	0.63	335	iP	43	30.58	-0.5		
LON	4.96	29	Pc	34	26.29	-0.4	RAGM	1.27	113	iPc	38	01.12	-1.4			iS			43	41.39	
JBO	4.97	51	P	34	26.59	-0.2	TOA	1.27	19	P	38	01.80	-0.8	RDW	0.65	331	eP	43	30.70	-0.6	
REMR	5.01	29	P	34	27.39	0.0	PMS	1.28	287	iPc	38	01.40	-1.2			eS			43	41.55	
WPW	5.01	32	P	34	27.06	-0.4	TZL	1.38	33	ePd	38	03.70	-0.3	BRLK	0.67	103	eP	43	30.47	-0.8	
RVC	5.07	27	P	34	28.51	0.3	SEW	1.44	237	ePc	38	03.66	-1.2			eS			43	41.55	
FMW	5.16	29	P	34	29.73	0.1			eS	38	21.42		RDN	0.67	334	eP	43	30.99	-0.5		
GSM	5.35	27	Pd	34	32.33	0.0	HMT	1.48	111	iPc	38	03.71	-1.8			eS			43	41.95	
EBG	5.59	36	P	34	35.32	-0.2			eS	38	23.48		RDT	0.67	350	iP	43	30.61	-0.8		
RSW	5.68	45	P	34	36.01	-0.9	MID	1.52	167	eP	38	05.86	-0.2	DFR	0.73	339	eP	43	31.35	-0.7	
TBM	5.78	34	Pd	34	38.45	0.2	PWA	1.57	300	ePc	38	05.95	-0.7			eS			43	42.69	
JCW	6.20	22	P	34	44.02	-0.1	SLKM	1.62	257	iPd	38	06.25	-1.3	NCT	0.75	330	eP	43	31.99	-0.4	
ETW	6.23	33	P	34	44.33	-0.4	KAIM	1.63	126	eP	38	05.15	-2.4			eS			43	43.56	
S.D. = 0.4 on 38 of 39 obs.							GLB	1.65	70	iPc	38	07.07	-0.9			eS			43	43.56	
% SEP 07, 1992 13h 52m 55.13±2.14s							SDG	1.78	23	iPd	38	09.41	-0.4	AUE	0.83	228	eP	43	32.73	-0.4	
39.335 N ±19.6km 27.997 E ±9.3km									eS	38	31.79		AUL	0.84	231	eP	43	33.29	0.0		
DEPTH = 10.0km (geophysicist)							SUA	1.88	289	eP	38	10.65	-0.8	AUH	0.85	230	eP	43	33.11	-0.4	
TURKEY (366)							CRQM	1.91	93	eP	38	10.29	-1.6	AUW	0.86	231	eP	43	33.34	-0.2	
DST	0.56	61	iPg	53	07.00	0.5			eS	38	35.32		AUI	0.87	228	eP	43	33.42	-0.2		
			iSg	53	15.00		TGL	2.06	92	ePc	38	12.22	-1.8			eS			43	46.07	
KCT	0.95	17	iPg	53	13.80	0.5	NKA	2.07	267	eP	38	14.32	0.4	NKA	0.95	29	eP	43	35.71	1.1	
			iSg	53	27.30		WAX	2.11	101	iPc	38	12.36	-2.3	PDB	1.03	264	iP	43	34.57	-1.1	
BNT	1.02	357	iPg	53	14.30	-0.2	CUT	2.16	316	ePc	38	15.01	-0.2			eS			43	48.71	
			iSg	53	27.30				eS	38	40.87		SLKM	1.14	58	eP	43	35.98	-1.1		
EZN	1.38	291	ePn	53	20.50	0.1	SNH	2.20	108	ePc	38	13.63	-2.2	BKG	1.16	358	eP	43	37.00	-0.4	
YLV	1.62	40	ePn	53	23.00	-0.9	PAX	2.20	19	ePd	38	15.46	-0.5			eS			43	53.19	
S.D. = 0.8 on 5 of 5 obs.							BRLK	2.23	241	ePd	38	14.35	-2.0	CDD	1.25	218	eP	43	37.41	-1.1	
							BALM	2.29	85	ePc	38	15.57	-1.7	SPU	1.27	2	eP	43	37.75	-1.1	
% SEP 07, 1992 14h 17m 25.43±0.95s									eS	38	43.95				eS			43	55.57		
41.621 N ±10.0km 22.342 E ±6.7km							CYK	2.40	108	eP	38	16.82	-1.8	CKL	1.29	356	eP	43	38.87	-0.3	
DEPTH = 10.0km (geophysicist)							SKT	2.42	298	iPc	38	17.28	-1.7	CKN	1.31	360	eP	43	39.41	0.0	
NORTHWESTERN BALKAN REGION (383)							HUR	2.42	331	eP	38	18.64	-0.3	SYI	1.32	185	eP	43	39.06	-0.3	
MD 2.2 (THE).							CGLM	2.45	282	ePc	38	17.52	-2.0	CPKM	1.35	359	eP	43	40.20	0.1	
KNT	0.62	137	ePg	17	37.72	-0.2	SPU	2.46	279	eP	38	18.42	-1.2	CRP	1.35	0	eP	43	40.14	0.0	
			eSg	17	46.72		CNPM	2.51	238	ePd	38	18.20	-2.2	BGL	1.36	355	eP	43	39.74	-0.3	
GRG	0.67	176	ePg	17	38.28	-0.4			eS	38	46.96		CGLM	1.40	3	eP	43	40.39	-0.2		
SKO	0.76	298	ePg	17	40.20	-0.1	CRP	2.52	281	eP	38	18.27	-2.3	NCG	1.49	0	eP	43	41.74	-0.2	
			eSg	17	52.50		CKN	2.52	280	eP	38	19.31	-1.2			eS			44	01.70	
SRS	1.07	118	ePg	17	45.16	-0.4	NCG	2.53	284	ePc	38	18.70	-2.1	MPA	1.51	67	eP	43	41.77	-0.3	
			eSg	18	00.12		CPKM	2.55	280	eP	38	19.34	-1.8			eS			44	01.16	
SOH	1.10	136	ePg	17	46.32	0.1	BKG	2.56	276	eP	38	18.80	-2.2	BGM	1.64	253	eP	43	41.95	-1.9	
			eSg	18	01.96		CKL	2.60	279	eP	38	19.76	-1.9			eS			44	02.85	
FNA	1.11	221	ePg	17	46.48	0.2	HOM	2.62	243	eP	38	20.64	-1.1	SUA	1.70	24	eP	43	44.63	-0.2	
OUR	1.79	135	ePb	17	57.28	0.8	WRG	2.62	107	eP	38	19.87	-2.1	PTE	1.83	57	eP	43	45.47	-0.9	
S.D. = 0.5 on 7 of 7 obs.							BGL	2.63	280	eP	38	20.31	-1.8	PMS	1.85	43	P	43	46.70	-0.1	
% SEP 07, 1992 15h 37m 40.21s							RND	2.65	342	ePc	38	22.22	-0.1	SVW	2.09	306	P	43	48.70	-1.3	
60.905 N 147.031 W							RDT	2.66	265	ePd	38	20.16	-2.3	SKT	2.09	8	eP	43	49.53	-0.5	
DEPTH = 24.7km							CTGM	2.78	86	ePc	38	22.54	-1.7	PLRM	2.25	40	eP	43	50.91	-1.2	
SOUTHERN ALASKA (2)							DFR	2.79	266	eP	38	21.98	-2.4	KNIM	2.26	77	eP	43	49.82	-2.5	
<AEIC>. ML 3.3 (AEIC), 3.5							REF	2.82	264	eP	38	22.48	-2.3	KNK	2.36	49	eP	43	52.56	-1.3	
(PMR). Felt (11) at Anchorage.							RSO	2.85	264	ePd	38	22.88	-2.4	GHO	2.45	39	eP	43	53.79	-1.2	
GLI	0.04	231	iPd	37	44.39	-0.2	RS2	2.85	264	ePd	38	22.91	-2.4	SML	2.67	43	eP	43	56.26	-1.8	
VZW	0.28	56	iPd	37																	

07d 16h

PVY 0.46 69 iSg 08 02.77
 iPgD 08 05.55 -0.6
 iSg 08 12.74
 NKY 0.48 323 iPgC 08 06.64 0.2
 iSg 08 15.86
 ULC 0.48 192 iPgD 08 05.04 -1.4
 iSg 08 12.42
 IVA 0.58 40 iPgD 08 08.10 -0.4
 iSg 08 17.31
 HCY 0.66 272 iPgC 08 09.45 -0.4
 iSg 08 20.22
 BRY 0.78 307 iPgD 08 11.60 -0.4
 iSg 08 24.45
 PLE 0.90 0 iPgD 08 14.26 0.2
 iSg 08 28.35
 SKO 1.59 106 iPn 08 25.00 0.0
 iSn 08 47.50
 OHR 1.69 141 iPn 08 28.20 1.8
 S.D. = 1.0 on 10 of 10 obs.

SEP 07, 1992 16h 22m 35.51± 0.43s
 11.193 N ± 7.4km 86.761 W ± 7.5km
 DEPTH = 10.0km (geophysicist)
 4.7mb (11 obs.) 3.9Msz (2 obs.)
 NEAR COAST OF NICARAGUA (74)
 Felt in the Mosochapa area.

TPX 6.51 305 (P) 24 13.50 -0.2
 PBJ 9.88 303 (P) 25 01.00 0.3
 OXX 11.29 302 (P) 25 24.00 3.7X
 IISM 12.85 308 (P) 25 41.50 0.5
 IIT 13.59 306 (P) 25 55.00 3.9X
 III 14.21 302 (P) 26 03.00 3.8X
 SDV 16.05 97 eP 26 24.10 0.9
 MRX 16.27 303 (P) 26 31.00 5.2X
 TOV 16.74 93 eP 26 35.30 3.4X
 SGS 22.64 14 eP 27 39.20 1.3
 JSC 23.52 11 eP 27 48.43 1.8
 PWLA 23.71 357 eP 27 48.65 0.2
 UYO 23.93 344 iPd 27 52.60 2.1
 GBTN 24.47 5 eP 27 56.75 0.9
 TKL 24.51 6 eP 27 56.82 0.6
 OLY 24.58 351 eP 27 56.30 -0.5
 LST 25.36 354 eP 28 03.03 -1.3
 VVO 25.38 343 eP 28 04.40 -0.1
 CEH 25.55 15 eP 28 06.90 0.8
 0.2s 3.14nm 4.7mb
 FKO 25.83 340 iPd 28 08.50 -0.3
 FNO 25.83 340 iPc 28 07.90 -0.9
 MEO 25.84 337 iPd 28 07.60 -1.2
 SIO 25.93 342 eP 28 09.10 -0.6
 TUL 25.93 343 iPd 28 09.20 -0.5
 0.9s 44.80nm 5.2mb
 Z 20s 0.26um 3.8Msz

S 33 19.00
 LR 37 21.00
 RLO 25.96 345 ePd 28 09.20 -0.8
 ELC 26.07 356 eP 28 09.95 -1.0
 NAV 26.56 11 eP 28 16.00 0.5
 FVM 26.88 354 eP 28 16.70 -1.7
 1.0s 10.14nm 4.5mb
 ACO 27.75 338 iPd 28 26.40 0.1
 ALO 29.67 326 eP 28 45.33 1.4
 Pcp 31 49.19
 JFWS 31.75 355 eP 29 00.32 -1.6
 0.8s 43.62nm 5.4mb
 STCO 32.57 10 P 29 08.36 -0.7
 ACTO 32.81 9 P 29 10.58 -0.6
 GOL 32.85 333 eP 29 10.69 -1.2
 0.8s 5.02nm 4.5mb
 ZOBO 32.94 146 eP 29 16.00 2.7
 Z 20s 0.28um 4.0Msz
 LR 39 40.00
 WLVO 33.40 11 P 29 15.39 -0.9
 GLA 33.71 315 eP 29 17.18 -2.0
 RSNY 34.87 15 eP 29 28.15 -0.8
 0.8s 13.05nm 4.9mb
 SRU 34.93 327 iPd 29 30.20 0.4
 Pcp 32 02.60
 PLM 35.31 313 eP 29 34.56 1.4
 MSU 35.42 324 eP 29 34.81 0.7
 Pcp 32 04.67
 EMUT 35.60 327 ePd 29 36.28 0.7
 ARUT 35.68 322 eP 29 37.48 1.3
 EEO 35.93 9 ePd 29 39.80 1.8
 RSSD 36.04 339 eP 29 39.99 0.8
 0.9s 3.54nm 4.2mb

DAU 36.26 328 eP 29 41.73 0.5
 SIV 37.09 136 eP 29 48.00 -0.1
 BW06 37.20 332 eP 29 48.00 -1.0
 1.3s 7.38nm 4.3mb
 HVU 38.04 328 eP 29 57.14 1.1
 LMN 39.29 24 ePd 30 08.90 2.7
 ULM 39.66 351 eP 30 10.00 0.8
 LCCM 40.62 333 eP 30 17.90 0.5
 ePcp 32 21.80
 ORV 41.78 319 eP 30 29.20 2.4
 JAO 43.40 10 ePd 30 37.50 -2.4
 SES 43.89 338 eP 30 44.00 0.1
 LON 46.18 327 eP 31 01.42 -0.9
 RMW 46.62 328 (P) 31 03.93 -1.9
 BAO 46.73 124 Pd 31 05.50 -1.6
 e 31 13.80
 e 31 17.10
 e 31 21.60
 e 31 35.80

BDF 46.82 124 Pd 31 06.80 -1.0
 e 31 09.20
 e 31 14.00
 GMW 47.20 327 eP 31 10.26 0.0
 YKA 54.99 345 eP 32 05.90 -3.2X
 0.9s 6.60nm 4.7mb
 MBC 67.35 352 eP 33 30.50 -2.0
 0.8s 9.00nm 5.0mb
 ADK 81.25 321 eP 34 55.29 2.2
 0.8s 49.66nm 5.6mb
 HHC 125.52 343 ePKP 41 38.80 -0.3
 KSH 127.11 17 ePKP 41 41.70 -0.5
 GTA 129.29 353 PKP 41 45.50 -0.9
 ASPA 139.41 247 ePKP 42 08.40 2.6X
 1.0s 3.90nm
 WB2 139.54 252 ePKP 42 04.70 -1.4
 0.7s 4.30nm
 GKN 140.16 12 PKP 42 06.60 -0.6
 GUN 140.48 10 PKP 42 07.60 -0.4
 KKN 140.49 11 PKP 42 07.40 -0.4
 DMN 140.63 11 PKP 42 07.60 -0.6
 KMI 142.74 346 ePKP 42 11.20 -0.7
 OIZ 145.80 331 ePKP 42 18.00 1.1
 HYB 148.08 27 ePKP 42 21.00 0.3
 CHG 149.66 349 ePKP 42 27.50 4.4X
 1.0s 12.50nm
 LOE 150.37 343 iPKPd 42 30.00 5.8X
 GBA 150.80 33 PKP 42 25.10 0.3
 BDT 151.18 349 ePKP 42 31.50 6.2X
 0.8s 26.00nm
 S.D. = 1.2 on 69 of 79 obs.

% SEP 07, 1992 17h 09m 57.32± 0.60s
 42.417 N ± 5.0km 19.410 E ± 4.5km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

TTG 0.11 276 iPgD 10 01.06 0.9
 iSg 10 03.80
 BDV 0.45 253 iPgD 10 06.28 -0.2
 iSg 10 13.65
 PVY 0.45 67 iPgC 10 06.76 0.2
 iSg 10 13.81
 ULC 0.47 195 iPgC 10 06.66 -0.2
 iSg 10 14.00
 NKY 0.50 323 iPgC 10 07.23 -0.2
 iSg 10 15.08
 IVA 0.58 38 iPgC 10 08.93 -0.2
 iSg 17 17.88
 HCY 0.68 273 iPgC 10 10.79 0.1
 iSg 10 21.13
 BRY 0.80 307 iPgC 10 12.65 -0.3
 iSg 10 25.19
 PLE 0.91 359 iPgD 10 14.91 0.1
 iSg 10 28.50
 S.D. = 0.4 on 9 of 9 obs.

? SEP 07, 1992 17h 35m 32.40± 1.59s
 11.302 N ± 27.3km 85.725 W ± 42.0km
 DEPTH = 33.0km (normal)
 3.4Msz (1 obs.)
 NICARAGUA (75)

UYO 24.12 342 iPc 40 47.00 0.8
 TUL 26.14 341 eP 41 05.30 -0.1
 0.8s 13.20nm 4.6mb
 Z 18s 0.11um 3.4Msz

e 41 13.80
 LR 51 10.00
 RLO 26.14 343 eP 41 05.40 0.0
 EEO 35.67 8 eP 42 28.50 -1.0
 JAO 43.14 9 eP 43 32.00 0.7
 BAO 45.95 125 e(P) 43 55.00 0.5
 GBA 150.15 34 PKP 55 16.30 -0.8
 S.D. = 0.8 on 7 of 7 obs.

? SEP 07, 1992 17h 42m 34.92± 8.98s
 34.737 S ± 69.8km 178.814 E ± 43.0km
 DEPTH = 339.3 ± 32.5 km
 SOUTH OF KERMADEC ISLANDS (179)

HBZ 2.89 188 P 43 31.90 -0.9
 KUZ 3.22 231 eP 43 35.20 -0.7
 URZ 3.77 201 P 43 41.10 -0.3
 eS 44 24.70
 NOZ 3.92 189 P 43 43.10 0.2
 WLZ 4.07 219 eP 43 45.50 1.1
 PAHZ 4.35 198 P 43 47.70 0.2
 MAHZ 4.51 189 eP 43 50.00 0.9
 MOH 4.59 196 P 43 50.20 0.2
 NGZ 5.12 209 eP 43 57.10 1.0
 CNZ 5.17 209 eP 43 57.90 1.4
 WAHZ 5.33 201 P 43 58.00 -0.3
 BSZ 5.93 210 P 44 06.20 1.1
 PGZ 6.21 198 P 44 08.50 0.2
 MNG 6.44 203 P 44 10.50 -0.6
 eS 45 20.00
 KIW 6.85 206 eP 44 15.30 -0.6
 MTW 6.92 201 P 44 16.10 -0.7
 AMW 6.99 199 P 44 17.70 0.2
 CAW 7.02 204 eP 44 17.10 -0.8
 BLW 7.13 201 eP 44 19.00 -0.2
 DIW 7.19 211 eP 44 19.50 -0.4
 MOW 7.24 202 eP 44 20.30 -0.2
 MRW 7.25 205 P 44 20.00 -0.6
 eS 45 37.80
 WEL 7.28 205 P 44 20.60 -0.3
 ORZ 7.85 217 eP 44 27.60 -0.3
 THZ 8.41 212 eP 44 33.90 -0.7
 DSZ 8.91 216 eP 44 39.90 -0.7
 LTZ 9.52 210 eP 44 47.20 -0.7
 MOZ 10.15 206 eP 44 55.60 0.1
 eS 46 39.60
 ODZ 12.05 209 eP 45 20.70 2.3
 S.D. = 0.8 on 29 of 29 obs.

SEP 07, 1992 18h 36m 45.15± 0.30s
 3.421 N ± 4.7km 125.354 E ± 6.3km
 DEPTH = 35.3km (3 depth phases)
 5.1mb (15 obs.)
 TALAUD ISLANDS, INDONESIA (263)

MNI 2.03 195 ePd 37 18.20 0.5
 eS 38 01.50
 DAV 3.65 3 eP 37 43.00 2.4X
 BIP 4.86 11 ePd 37 56.50 -1.3
 CGP 5.04 353 eP 38 04.00 3.5X
 eS 39 01.00
 MAP 6.99 349 eP 38 29.00 1.2
 PCI 6.99 232 ePc 38 27.50 -0.3
 e 41 20.00
 SWI 7.28 126 ePc 38 33.00 1.2
 TSM 7.51 277 eP 38 33.00 -2.2
 PLP 7.70 357 ePc 38 42.00 4.2X
 KKM 9.47 286 iP 39 02.70 0.3
 0.3s 29.00nm 6.0mb
 BAG 13.74 340 ePd 40 09.00 9.0X
 1.1s 55.70nm 5.3mb
 CVP 14.61 347 eP 40 21.00 9.7X
 MTN 17.15 161 eP 40 41.40 -2.5
 KNA 19.34 170 eP 41 08.60 -2.1
 OIZ 21.69 317 P 41 39.20 4.1X
 S 45 32.00
 KGM 22.05 267 eP 41 44.00 5.3X
 LAT 23.82 115 e(P) 41 58.00 2.0
 IPM 24.30 274 ePc 42 02.30 1.6
 WRA 24.84 160 P 42 05.69 -0.2
 WB2 24.84 160 iPc 42 05.20 -0.7
 0.3s 41.40nm 5.5mb
 eS 46 25.40
 SNG 24.91 280 eP 42 08.00 1.4
 MBL 25.02 192 eP 42 07.50 -0.1
 OIS 27.63 150 eP 42 30.70 -1.0
 0.2s 3.00nm 4.6mb

ASPA	28.18 163 iPc	42 35.60 -1.1	VVO	25.31 343 eP	07 33.50 1.0	LZH	131.86 348 ePKP	21 20.50 0.5
	1.0s 21.10nm	4.8mb	CEH	25.51 15 iPd	07 35.57 1.2	WB2	139.50 252 ePKP	21 32.20 -2.4X
	eS	47 20.30		0.9s 38.42nm	5.1mb		1.0s 2.40nm	
WARB	29.46 178 eP	42 48.00 -0.1	FNO	25.76 340 iPd	07 35.90 -0.9	OIZ	145.72 331 PKPd	21 46.40 0.9
CHG	30.02 303 eP	42 54.00 0.8	MEQ	25.76 337 iPd	07 36.40 -0.4	CHG	149.59 349 ePKPc	21 55.80 4.1X
MEEK	30.58 192 eP	42 57.50 -0.6	SIO	25.86 342 e(P)	07 36.60 -1.1		1.5s 80.56nm	
KMI	30.64 317 eP	42 59.00 0.1	TUL	25.86 343 eP	07 36.80 -0.9	LOE	150.30 343 iPKPd	21 58.20 5.5X
MRWA	33.67 195 iPc	43 23.70 -1.3		1.5s 53.90nm	5.0mb	GBA	150.79 33 PKP	21 54.00 0.5
XAN	34.10 335 P	43 26.90 -1.8	Z	22s 0.86um	4.2Msz	BDT	151.11 348 ePKP	21 59.20 5.3X
	1.0s 71.00nm	5.6mb		S	12 42.00		1.0s 34.50nm	
CD2	34.10 326 eP	43 28.00 -0.8		LR	18 33.00		S.D. = 1.2 on 78 of 84 obs.	
FORT	34.11 176 eP	43 27.00 -1.7	RLO	25.89 345 eP	07 37.60 -0.4		% SEP 07, 1992 19h 42m 15.06±1.38s	
BAL	34.83 193 eP	43 35.00 0.0	ELC	26.01 356 eP	07 37.41 -1.7		44.076 N ±12.7km 11.796 E ± 8.7km	
MAT	35.02 18 eP	43 34.00 -2.6	NAV	26.52 11 iPc	07 44.15 0.4		DEPTH = 10.0km (geophysicist)	
	1.1s 11.39nm	4.7mb	FVM	26.82 354 eP	07 44.96 -1.5		NORTHERN ITALY (545)	
LZH	38.09 331 Pd	44 03.00 0.3		1.0s 11.26nm	4.5mb			
	1.4s 37.00nm	5.1mb	ACO	27.67 338 iPd	07 53.30 -1.0			
Z	15s 0.29um	4.2MszX	ALQ	29.59 326 eP	08 12.01 0.2			
	pP	44 13.50 37km		0.9s 6.26nm	4.4mb	PGD	0.21 195 Pd	42 20.00 0.3
SNY	38.27 358 eP	44 03.80 0.0		PcP	11 18.92		eSg	42 26.70
STK	38.35 157 iPc	44 04.70 0.0	LVNJ	31.30 18 eP	08 26.83 0.1	CRE	0.46 166 P	42 23.70 -0.8
	0.8s 15.90nm	4.9mb	JFWS	31.69 355 iPd	08 28.59 -1.5		eSg	42 34.40
LSA	41.62 313 eP	44 34.00 1.7		1.0s 34.94nm	5.2mb	MME	0.80 279 P	42 30.50 -0.2
ARMA	41.98 145 eP	44 36.00 1.2	STCO	32.53 10 P	08 36.73 -0.6		eSg	42 43.70
	0.4s 8.00nm	4.8mb	GOL	32.77 333 iPd	08 39.09 -0.8	BDI	0.86 269 P	42 31.90 0.2
GTA	42.67 330 eP	44 38.50 -1.9		0.8s 5.43nm	4.5mb		eSg	42 45.90
	1.0s 9.00nm	4.5mb		ePcP	11 26.33	ARV	1.01 124 P	42 34.00 -0.2
Z	16s 0.57um	4.6MszX	ACTO	32.77 9 P	08 38.90 -0.6		eSg	42 49.00
	pP	44 50.00 41km	ZOBO	33.02 146 P	08 42.80 0.1	ASS	1.19 148 P	42 38.00 0.8
	sP	44 54.00		Z	22s 0.50um		S.D. = 0.7 on 6 of 6 obs.	
BFD	43.44 160 eP	44 48.00 1.5		S	14 28.00		% SEP 07, 1992 19h 42m 45.17±1.07s	
BWA	43.46 152 eP	44 48.60 1.9		LR	19 06.00		41.187 N ±10.0km 23.031 E ± 4.2km	
CAN	44.46 152 eP	44 55.80 0.9	WLVO	33.36 11 P	08 43.95 -0.6		DEPTH = 10.0km (geophysicist)	
GUN	44.80 307 P	44 59.00 0.8	GLA	33.63 315 eP	08 48.34 1.2		GREECE-BULGARIA BORDER REGION (363)	
TOO	44.87 157 eP	45 00.00 1.9	RSNY	34.83 15 iPc	08 56.34 -1.0		MD 2.4 (THE).	
	1.0s 39.00nm	5.2mb		1.1s 44.77nm	5.3mb	KNT	0.10 256 iPg	42 48.29 0.4
PKI	45.04 306 P	45 00.40 0.4	SRU	34.85 327 iPc	08 57.04 -0.8	SRS	0.43 99 ePg	42 53.62 -0.3
KKN	45.23 307 P	45 02.00 0.6	PLM	35.23 313 (P)	09 00.82 -0.3		eSg	42 59.74
DMN	45.30 306 P	45 03.00 1.0		ePcP	11 34.16	SOH	0.44 146 iPg	42 54.06 -0.1
GKN	45.84 306 P	45 06.40 0.3	MSU	35.34 325 eP	09 01.40 -0.7		eSg	43 00.30
HYB	47.93 290 eP	45 22.40 -0.2		ePcP	11 33.06	GRG	0.53 244 ePg	42 55.50 -0.4
GBA	48.37 285 P	45 26.70 0.8	EMUT	35.52 327 eP	09 02.44 -1.1		eSg	43 03.26
WMQ	52.20 326 P	45 54.00 -0.9	ARUT	35.60 322 eP	09 04.56 0.4	THE	0.56 185 iPg	42 56.26 -0.2
	1.5s 95.00nm	5.5mb	PEC	35.72 314 eP	09 06.18 1.1		eSg	43 03.86
Z	16s 0.41um	4.6MszX		1.2s 13.29nm	4.7mb	OUR	1.12 139 ePg	43 06.34 0.3
	pP	46 02.50 28km	EEO	35.88 9 ePc	09 07.70 1.5		eSg	43 22.26
SDN	78.21 34 eP	48 41.99 -0.6	RSSD	35.97 339 eP	09 06.54 -0.7	LIT	1.16 201 ePg	43 06.74 -0.1
	0.5s 33.82nm	5.6mb		0.7s 3.24nm	4.3mb		eSg	43 23.34
REF	83.06 30 (P)	49 07.83 -0.7	DAU	36.18 328 eP	09 08.57 -0.7	FNA	1.32 253 ePb	43 09.58 0.1
IMA	83.22 24 eP	49 09.62 0.4	SSK	36.26 314 eP	09 11.11 1.3		eSb	43 27.62
	0.4s 2.23nm	4.6mb	TPNV	36.82 319 eP	09 15.55 1.1	PAIG	1.35 158 ePb	43 10.46 0.5
CRP	83.40 29 eP	49 09.77 -0.5		0.3s 4.82nm	4.8mb		eSb	43 28.46
PMR	84.87 29 eP	49 18.00 0.6		PcP	11 39.33		S.D. = 0.3 on 9 of 9 obs.	
LPB	161.44 135 PKP	56 48.00 3.4X	BW06	37.12 332 eP	09 15.39 -1.6		% SEP 07, 1992 20h 27m 32.97s	
ZOBO	161.58 135 PKP	56 47.00 2.0		0.9s 4.52nm	4.2mb		34.445 N 116.010 W	
	S.D. = 1.3 on 51 of 59 obs.			ePcP	11 36.29		DEPTH = 0.1km	
	SEP 07, 1992 19h 02m 04.17±0.42s		SIV	37.17 136 eP	09 17.00 -0.5		SOUTHERN CALIFORNIA (43)	
	11.249 N ± 7.0km 86.822 W ± 5.9km		HVU	37.96 328 (P)	09 23.92 -0.1		<PAS-P>. ML 2.8 (PAS).	
	DEPTH = 10.0km (geophysicist)		BONR	38.73 319 eP	09 32.29 1.6			
	4.7mb (17 obs.) 4.4Msz (3 obs.)		LMN	39.26 24 eP	09 37.00 2.4	PEC	1.10 240 eP	27 53.51 -1.1
	NEAR COAST OF NICARAGUA (74)		ULM	39.59 351 ePd	09 38.60 1.3	PLM	1.30 213 ePd	27 57.37 -0.7
			LCCM	40.55 333 ePc	09 45.20 -0.2	SSK	1.41 261 ePc	27 59.39 -0.6
TPX	6.42 305 (P)	03 41.00 -0.2	ORV	41.70 319 eP	09 56.49 1.7	GLA	1.70 144 ePn	28 02.16 -2.0
PBJ	9.80 303 (P)	04 26.00 -2.3	LBFM	42.94 321 eP	10 06.12 0.9	ISA	2.36 302 ePn	28 13.94 0.3
IISM	12.76 308 (P)	05 07.50 -1.0	JAQ	43.36 10 eP	10 05.50 -2.7	TPNV	2.51 356 ePn	28 14.55 -1.3
IIT	13.51 306 (P)	05 21.00 2.3	SES	43.82 338 eP	10 11.00 -1.0		ePg	28 20.89
TPM	14.09 305 (P)	05 26.00 -0.3	NEW	44.75 331 eP	10 18.20 -1.4	ARUT	3.93 31 ePg	28 47.04 10.9
III	14.13 302 (P)	05 28.50 1.7		0.9s 5.70nm	4.5mb	MSU	5.10 36 (Pg)	29 07.75 15.0
UNM	14.37 305 (P)	05 32.00 1.9	DPW	44.99 330 eP	10 20.34 -1.2		8 obs. associated	
SDV	16.11 97 eP	05 53.80 1.1	BAO	46.81 124 Pd	10 36.00 -0.4		% SEP 07, 1992 20h 53m 09.27±1.17s	
MRX	16.19 303 (P)	05 54.00 0.6	BDF	46.90 124 Pd	10 36.77 -0.3		3.375 N ± 7.3km 125.433 E ±16.8km	
TOV	16.81 93 eP	06 05.50 4.1X		e	10 43.90		DEPTH = 45.9 ± 14.0 km	
CAR	19.55 90 eP	06 32.00 -3.3X		e	10 50.30		4.7mb (2 obs.)	
	eS	10 19.00	YKA	54.93 345 eP	11 34.70 -2.5		TALAUD ISLANDS, INDONESIA (263)	
SGS	22.60 14 (P)	07 07.94 1.7		1.0s 5.20nm	4.5mb			
PRM	23.09 9 eP	07 13.17 2.1	MBC	67.29 352 eP	12 58.50 -2.2	MNI	2.01 197 ePc	53 41.50 0.2
JSC	23.48 12 iPc	07 16.60 1.7		1.0s 9.00nm	4.9mb		eS	54 24.00
PWLA	23.65 357 eP	07 17.15 0.6	FBA	67.77 336 eP	13 02.01 -2.0	BIP	4.89 10 eP	54 22.00 -0.1
LHS	23.77 12 iPc	07 18.93 1.3		1.0s 3.70nm	4.5mb	CGP	5.10 352 eP	54 32.00 6.9X
UYO	23.86 344 iPd	07 19.40 0.9	ADK	81.17 321 eP	14 22.89 1.5	WB2	24.77 160 iPc	58 28.00 -0.4
GBTN	24.42 5 iPc	07 25.13 1.1		0.9s 46.67nm	5.5mb		0.6s 24.40nm	4.9mb
TKL	24.46 6 iPc	07 25.35 1.0	WMQ	124.97 5 PKP	21 05.50 -1.0		eS	02 48.40
OLY	24.51 351 eP	07 23.88 -1.0		Z	26s 0.36um		eS	02 48.40
PAG	24.88 76 eP	07 28.00 -0.7	HHC	125.45 343 PKP	21 08.00 0.4	MBL	24.99 192 eP	58 30.00 -0.4
NNA	25.12 156 eP	07 30.50 -0.5	TIY	128.06 341 ePKP	21 13.90 1.3	WARB	29.41 178 eP	59 11.00 0.3
	1.2s 31.25nm	4.9mb	GTA	129.23 353 PKP	21 14.50 -0.4			

07d 20h

CHG 30.11 303 eP 59 17.30 0.2
 MRWA 33.65 195 eP 59 47.50 -0.4
 STK 38.28 158 iPc 00 27.70 0.6
 0.8s 5.90nm 4.5mb
 S.D. = 0.5 on 8 of 9 obs.

SEP 07, 1992 20h 57m 56.02±0.35s
 11.449 N ± 5.8km 86.730 W ± 4.9km
 DEPTH = 10.0km (geophysicist)
 4.8mb (15 obs.) 4.9msz (4 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 6.39 303 (P) 59 33.00 0.5
 PBJ 9.77 301 (P) 00 16.00 -3.7X
 OXX 11.19 301 (P) 00 40.00 0.7
 IISM 12.71 307 (P) 00 58.50 -1.2
 IIT 13.47 305 (P) 01 11.00 1.0
 TPM 14.06 304 (P) 01 16.00 -1.7
 III 14.10 301 (P) 01 19.00 0.7
 UNM 14.33 305 (P) 01 22.00 0.6
 SDV 16.05 98 eP 01 47.10 3.4X
 MRX 16.16 302 (P) 01 46.50 1.6
 TOV 16.73 94 eP 01 58.00 5.8X
 COLM 18.06 297 (P) 02 13.50 4.5X
 CAR 19.46 91 eP 02 24.00 -2.2
 0.7s 39.00nm 5.2mb
 FKO 25.61 340 iPd 03 26.10 -1.1
 FNO 25.61 339 iPd 03 26.60 -0.6
 MEO 25.61 337 iPd 03 26.50 -0.8
 TUL 25.70 343 ePd 03 27.70 -0.3
 0.7s 50.90nm 5.3mb
 Z 22s 0.99um 4.3msz

SIO 25.70 342 eP 03 27.70 -0.3
 RLO 25.73 344 eP 03 27.50 -0.8
 ELC 25.82 355 eP 03 28.43 -0.7
 RRO 26.13 338 e(P) 03 32.20 0.2
 NAV 26.30 11 eP 03 34.94 1.3
 FVM 26.63 353 eP 03 35.09 -1.5
 0.8s 16.21nm 4.8mb
 ACO 27.52 338 iPc 03 40.70 -4.1X
 ALO 29.47 326 eP 04 02.10 -0.6
 0.9s 8.21nm 4.5mb

LVNJ 31.09 18 eP 04 17.60 1.0
 JFWS 31.50 355 eP 04 19.06 -1.2
 0.8s 48.10nm 5.5mb
 STCO 32.32 10 P 04 27.68 0.3
 ACTO 32.56 9 P 04 29.88 0.4
 GOL 32.63 333 eP 04 29.53 -1.0
 0.6s 9.71nm 4.9mb

ZOBO 33.14 146 P 04 37.00 1.5
 Z 20s 0.93um 4.5msz
 S 10 06.00
 LR 15 04.00
 WLVO 33.15 11 P 04 34.90 0.3
 LPB 33.35 146 eP 04 46.00 8.8X
 LR 15 04.00

CNCB 33.64 146 eP 04 49.00 9.1X
 i 07 21.10
 RSNY 34.61 15 eP 04 47.45 0.1
 0.8s 23.72nm 5.1mb
 SRU 34.74 327 ePc 04 47.71 -0.9
 ePcP 07 21.86

PLM 35.16 313 eP 04 53.25 0.9
 ePcP 07 25.22
 MSU 35.24 324 eP 04 52.85 -0.2
 ePcP 07 24.26
 EMUT 35.40 327 eP 04 54.01 -0.4
 ARUT 35.50 322 eP 04 55.11 0.0
 PEC 35.65 314 eP 04 57.24 0.9

EEO 0.9s 8.97nm 4.6mb
 RSSD 35.67 9 eP 04 58.50 2.2
 35.81 339 eP 04 57.49 -0.3
 0.6s 4.47nm 4.5mb

DAU 36.06 327 ePcP 07 24.13
 ePcP 04 59.77 -0.3
 ePcP 07 26.60
 BW06 36.99 332 eP 05 06.50 -1.3
 0.9s 8.19nm 4.5mb

SIV 37.26 137 P 05 10.80 0.8
 HVU 37.84 328 eP 05 14.72 -0.1
 TNP 38.02 319 eP 05 16.02 -0.4
 0.9s 5.39nm 4.3mb

BCH 38.38 314 eP 05 20.20 0.8
 PTI 38.42 329 (P) 05 19.96 0.3
 BONR 38.64 318 eP 05 22.63 0.8
 ePcP 07 34.60

HHA1 38.74 330 (P) 05 22.14 -0.2
 ePcP 07 35.15
 PHAM 38.93 314 eP 05 24.98 1.1
 LMN 39.04 24 eP 05 28.50 3.8X
 ULM 39.41 351 ePd 05 28.90 1.2

LCCM 40.41 333 eP 05 36.00 -0.2
 ePcP 07 40.00
 ARN 40.48 316 eP 05 37.59 0.9
 ORV 41.61 318 eP 05 45.98 0.1

LBFM 42.84 320 eP 05 56.22 0.0
 ePcP 07 48.18
 JAO 43.15 10 ePc 05 56.50 -1.8
 VGB 44.65 326 eP 06 10.39 -0.3

LON 45.98 327 eP 06 19.94 -1.3
 BMW 46.59 326 (P) 06 24.78 -1.3
 ePcP 08 00.50
 BAO 46.85 124 Pd 06 27.90 -0.6

e 06 33.50
 e 06 50.50
 e 07 10.80
 BDF 46.93 124 Pc 06 29.90 0.7

e 06 42.00
 PPD 48.11 134 eP 06 37.10 -1.1
 MBC 67.10 352 eP 08 49.50 -1.9
 0.9s 10.00nm 5.0mb

FBA 67.62 336 eP 08 53.07 -1.8
 0.7s 2.74nm 4.6mb
 ADK 81.07 321 eP 10 12.63 -0.1

0.8s 50.86nm 5.6mb
 GEC2 88.24 41 ePKPc 10 47.90 -1.0
 0.7s 1.05nm 4.2mb

WMO 124.76 5 ePKP 16 57.70 -0.2
 Z 24s 0.46um 5.1mszX
 HHC 125.28 343 ePKP 16 59.30 0.2

TIY 127.90 341 ePKP 17 04.00 -0.2
 Z 20s 0.63um 5.3msz
 GTA 129.04 353 PKP 17 06.00 -0.4

Z 18s 0.57um 5.3msz
 SSE 129.92 328 PKP 17 09.00 0.9
 LZH 131.68 349 ePKP 17 11.50 -0.1

XAN 132.38 342 ePKP 17 12.40 -0.4
 GKN 139.90 12 PKP 17 23.22 -4.0X
 GYA 140.13 341 PKP 17 29.00 1.4

GUN 140.23 10 PKP 17 21.84 -6.2X
 KKN 140.23 11 PKP 17 22.12 -5.8X
 DMN 140.38 11 PKP 17 22.20 -6.0X

PKI 140.47 11 PKP 17 22.10 -6.4X
 CHG 149.41 349 ePKPc 17 47.20 3.9X
 1.0s 18.25nm

LOE 150.14 344 iPKPc 17 49.40 5.1X
 GBA 150.57 33 PKP 17 45.50 0.5
 BDT 150.93 349 ePKP 17 50.50 5.0X

1.0s 75.90nm
 S.D. = 1.0 on 83 of 99 obs.
 SEP 07, 1992 22h 28m 45.85±0.55s
 11.299 N ± 8.6km 86.815 W ± 6.9km
 DEPTH = 10.0km (geophysicist)
 4.7mb (11 obs.) 4.0msz (2 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 6.40 305 (P) 30 23.50 0.9
 PBJ 9.78 302 (P) 31 06.00 -3.6X
 OXX 11.19 302 (P) 31 31.50 2.3
 IISM 12.74 308 (P) 31 49.50 -0.4
 TPM 14.07 304 (P) 32 06.50 -1.2
 UNM 14.35 305 (P) 32 15.50 4.0X

SDV 16.11 97 eP 32 35.60 1.3
 MRX 16.17 303 (P) 32 38.50 3.6X
 COLM 18.06 298 (P) 33 01.50 2.8

SGS 22.55 14 eP 33 49.64 2.2
 PRM 23.04 9 eP 33 53.92 1.6
 JSC 23.43 12 eP 33 58.03 2.0

PWLA 23.60 357 eP 33 58.36 0.7
 UYO 23.81 344 iPc 33 59.90 0.2
 GBTN 24.37 5 eP 34 06.20 1.0

TKL 24.41 6 eP 34 06.65 1.1
 OLY 24.46 351 eP 34 04.58 -1.5
 VVO 25.27 343 eP 34 15.10 1.3

CEH 25.46 15 eP 34 16.52 0.9
 0.9s 39.67nm 5.1mb
 FKO 25.72 340 iPd 34 17.40 -0.6

FNO 25.72 340 iPd 34 19.00 1.0
 MEO 25.72 337 iPd 34 17.50 -0.6
 SIO 25.82 342 e(P) 34 18.30 -0.6

TUL 25.82 343 ePd 34 17.20 -1.8
 1.0s 31.40nm 5.0mb
 Z 20s 0.49um 4.0msz

S 39 20.00
 LR 43 10.00
 RLO 25.85 345 eP 34 18.10 -1.1

e 34 28.60
 ELC 25.97 356 eP 34 19.25 -1.0
 RRO 26.23 338 e(P) 34 23.50 0.6

NAV 26.47 11 eP 34 25.48 0.5
 ACO 27.63 338 iPd 34 34.00 -1.6
 ALO 29.55 326 eP 34 52.79 -0.4

1.2s 11.98nm 4.6mb
 LVNJ 31.26 18 eP 35 07.68 -0.3
 JFWS 31.64 355 eP 35 09.37 -1.9

1.0s 21.70nm 5.0mb
 STCO 32.48 10 P 35 17.45 -1.1
 ACTO 32.72 9 P 35 19.40 -1.3

GOL 32.73 333 eP 35 20.11 -1.1
 0.8s 6.06nm 4.6mb
 ZOBO 33.06 146 P 35 23.20 -1.5

Z 22s 0.29um 3.9msz
 LR 45 48.00
 WLVO 33.31 11 P 35 24.49 -1.3

GLA 33.60 315 eP 35 29.24 0.7
 RSNY 34.78 15 eP 35 37.36 -1.2
 1.0s 27.63nm 5.1mb

SRU 34.81 327 eP 35 37.96 -1.2
 PLM 35.20 313 eP 35 41.97 -0.5
 MSU 35.31 324 eP 35 43.20 -0.2

EMUT 35.48 327 eP 35 44.81 -0.1
 ARUT 35.56 322 eP 35 45.49 -0.1
 PEC 35.69 314 eP 35 47.30 0.8

0.9s 3.14nm 4.2mb
 EEO 35.83 9 eP 35 41.00 -6.5X
 RSSD 35.92 339 eP 35 48.58 0.0

0.7s 2.91nm 4.3mb
 DAU 36.14 328 eP 35 50.45 -0.2
 BW06 37.08 332 eP 35 56.90 -1.5

1.0s 4.33nm 4.2mb
 SIV 37.21 136 eP 36 00.00 0.6
 HVU 37.92 328 eP 36 04.22 -1.1

BONR 38.70 319 eP 36 13.23 1.1
 PHAM 38.97 314 (P) 36 14.35 0.3
 LMN 39.21 24 eP 36 18.50 2.6

ULM 39.55 351 ePc 36 19.60 1.0
 LCCM 40.50 333 eP 36 26.40 -0.4
 ORV 41.67 319 eP 36 36.92 0.7

LBFM 42.90 321 (P) 36 47.35 0.8
 DPW 44.95 330 eP 37 02.78 -0.1
 RMW 46.51 328 eP 37 14.21 -1.0

BAO 46.83 124 Pd 37 16.80 -1.4
 e 37 21.20
 e 37 27.50

BDF 46.92 124 Pc 37 20.00 1.1
 YKA 54.88 345 eP 38 16.10 -2.5
 0.9s 2.70nm 4.3mb

ADK 81.13 321 (P) 41 03.79 0.9
 1.0s 60.00nm 5.6mb
 CHG 149.54 349 ePKP 48 37.30 4.0X

1.5s 45.14nm
 LOE 150.26 343 ePKP 48 39.80 5.5X
 GBA 150.74 33 PKP 48 39.20 4.1X

BDT 151.06 348 ePKP 48 41.00 5.5X
 S.D. = 1.2 on 60 of 68 obs.
 & SEP 07, 1992 22h 41m 47.43s
 34.157 N 116.431 W
 DEPTH = 7.9km

SOUTHERN CALIFORNIA <PAS-P>. ML 2.9 (PAS).					(43)	CKN	1.46	1	eP	57 42.65	-0.2	SSK	0.71	268	iPc	51 13.07	-0.7	
PEC	0.66	247	iPd	41 59.53	-1.2	CPKM	1.49	0	ePn	58 01.97		PLM	0.88	181	iPd	51 16.16	-1.1	
PLM	0.88	204	iPd	42 03.63	-1.0	BGL	1.50	357	eP	57 42.94	-0.6	ISA	1.96	317	ePn	51 28.06		
			eS	42 14.35		CRP	1.50	2	ePd	57 43.01	-0.5	GLA	2.05	124	ePn	51 33.28	-1.0	
SSK	1.05	273	eP	42 06.46	-1.1	CGLM	1.54	4	ePd	57 42.77	-0.8	ABL	2.06	288	ePn	51 33.25	-2.3	
			eS	42 20.82		BGM	1.57	257	iPc	57 44.00	-0.1				eS	51 35.56	-0.3	
GLA	1.73	129	ePn	42 15.61	-2.5	MPA	1.61	62	ePd	57 42.42	-2.0	TPNV	2.75	10	ePn	52 05.38		
			ePg	42 19.14		NCG	1.64	1	ePd	58 01.60					iPg	51 45.35	-0.4	
ISA	2.25	312	ePn	42 24.16	-1.5	SUA	1.85	23	ePd	57 44.68	-0.2	BCH	2.84	290	ePn	51 51.75		
			ePg	42 28.21					eS	57 45.16	-0.2	TNP	3.85	356	ePn	51 46.20	-0.7	
TNP	3.97	351	(P)	42 50.92	0.8	PTE	1.94	54	eP	57 48.23	-0.1				ePg	52 01.03	-0.4	
BONR	4.08	339	(P)	42 52.03	0.3	PMS	1.98	41	P	58 13.08		BONR	3.90	343	(Pn)	52 11.07		
ARUT	4.36	33	(P)	43 01.76	6.1	KDC	2.04	184	ePn	57 48.38	-1.0				ePg	52 02.47	0.4	
	8 obs. associated					SVW	2.15	310	eP	57 48.90	-1.2	ARUT	4.49	37	ePnd	52 13.04		
						PWA	2.21	31	P	57 48.62	-2.1				ePg	52 22.40	-1.3	
% SEP 07, 1992 22h 45m 56.61± 0.69s						LTJ	2.23	81	ePc	57 49.95	-2.4	MSU	5.69	40	(Pn)	52 24.77		
40.635 N ± 5.7km 23.413 E ± 6.9km						SKT	2.24	9	P	57 52.83	-0.8		12 obs. associated					
DEPTH = 10.0km (geophysicist)									S	58 21.46								
GREECE (364)						MTU	2.32	83	P	57 51.91	-1.5	& SEP 08, 1992 00h 10m 13.72s						
SOH	0.19	346	ePg	46 00.48	-0.4	KNIM	2.33	74	ePc	58 21.46		34.649 N				116.661 W		
			eSg	46 03.24		PLRM	2.38	39	P	57 53.70	-1.0	DEPTH = 4.9km						
THE	0.34	270	ePg	46 04.16	0.5	PMR	2.38	39	ePn	57 52.25	-2.6	SOUTHERN CALIFORNIA					(43)	
			eSg	46 09.36					S	57 55.70	0.2	<PAS-P>. ML 2.8 (PAS).						
SRS	0.50	16	ePg	46 07.20	0.4	KNK	2.49	47	P	57 53.61	-1.9	PEC	0.86	209	ePd	10 29.45	-1.4	
OUR	0.53	125	ePg	46 07.52	0.2	GHO	2.58	38	eP	58 27.60		SSK	0.96	243	eP	10 31.40	-1.2	
KNT	0.66	324	ePg	46 09.32	-0.4	GLI	2.79	64	ePc	57 55.70	-1.3				eS	10 44.06		
			eSg	46 18.28		SML	2.80	41	eP	57 57.21	-1.2	PLM	1.30	187	eP	10 37.62	-0.8	
PAIG	0.74	164	ePg	46 10.64	-0.4	FID	3.03	69	ePc	57 58.30	-2.9	ABL	2.12	276	eP	10 49.81	-0.7	
			eSg	46 22.65					eS	58 00.22	-1.2	GLA	2.21	136	ePn	10 48.59	-3.0	
S.D. = 0.6 on 6 of 6 obs.						VLZ	3.23	63	eP	58 01.27	-3.4				ePg	10 54.39		
& SEP 07, 1992 22h 57m 18.02s						CVA	3.34	74	eP	58 04.97	-2.3	BONR	3.56	339	(Pn)	11 09.59	-1.4	
59.774 N 152.239 W						KLU	3.56	58	ePc	58 41.02					ePg	11 20.74		
DEPTH = 70.6km						TTA	3.65	332	ePn	58 06.89	-1.9	ARUT	4.07	39	(P)	11 14.43	-3.8	
SOUTHERN ALASKA (2)						TOA	3.77	49	P	58 09.90	-2.2		7 obs. associated					
<AEIC>.						TRF	3.81	13	eP	58 12.05	-1.3							
HOM	0.32	111	ePd	57 29.16	-0.4	KAIM	3.95	84	eP	58 14.30	-0.7	SEP 08, 1992 00h 17m 33.43± 0.59s						
			eS	57 37.70		GLB	4.48	64	eP	58 14.67	-0.9	41.868 N ± 5.3km 23.280 E ± 4.2km						
XLV	0.41	140	iPc	57 29.35	-0.9	TGL	4.79	74	eP	58 15.94	-1.5	DEPTH = 10.0km (geophysicist)						
			eS	57 38.60		BALM	5.07	71	eP	58 15.94	-1.5	GREECE-BULGARIA BORDER REGION (363)						
OPT	0.52	257	ePd	57 30.47	-0.8	WRH	5.10	21	eP	58 22.04	-2.9	MD 2.7 (THE).						
			eS	57 39.59		HDA	5.27	26	eP	58 28.01	-1.4	KKB	0.15	269	iPg	17 36.00	-0.9	
CNPM	0.57	116	iPc	57 31.16	-0.6	YAH	5.29	79	ePc	58 30.54	-2.7	MMB	0.44	130	iPg	17 42.00	-0.3	
			eS	57 41.40		CTGM	5.54	73	eP	58 31.71	-1.9	KNT	0.76	202	iPg	17 47.93	-0.4	
BRLK	0.68	90	eP	57 32.25	-0.8	FBA	5.54	20	eP	58 34.07	-1.9				eSg	17 58.22		
AUE	0.71	235	ePd	57 32.56	-0.7	GLM	5.70	21	eP	58 34.45	-2.0	SRS	0.79	163	iPg	17 48.38	-0.4	
			eS	57 43.89		IMA	6.35	355	eP	58 38.15	-1.8				eSg	17 59.46		
AUL	0.72	238	ePc	57 32.84	-0.6	71 obs. associated						SOH	1.05	177	ePg	17 53.18	0.0	
RS1	0.74	340	P	57 33.20	-0.6	? SEP 07, 1992 23h 11m 26.10± 4.00s									eSg	18 07.82		
RSO	0.74	340	P	57 33.00	-0.8	34.468 S ± 25.7km 70.549 W ± 14.3km						PLD	1.09	77	iPg	17 55.00	1.2	
			S	57 45.10		DEPTH = 10.0km (geophysicist)						RZN	1.09	99	iP	17 53.00	-1.0	
AUH	0.74	237	P	57 33.00	-0.7	CHILE-ARGENTINA BORDER REGION (127)						GRG	1.13	216	ePg	17 54.85	0.3	
RS2	0.74	340	P	57 33.20	-0.6	MD 3.7 (SAN).									eSb	18 10.06		
			S	57 46.20		CACH	0.35	353	iP+	11 33.60	0.2	THE	1.26	191	ePb	17 57.22	0.4	
AUW	0.75	238	P	57 33.00	-0.7	CHCH	0.54	351	iP	11 45.84		KDZ	1.61	97	iP	18 14.18		
			S	57 43.60					iS	11 37.20	0.1	OUR	1.62	161	ePb	18 02.00	0.0	
AUI	0.75	234	P	57 33.00	-0.7	PCH	0.85	2	iP+	11 52.03		FNA	1.80	234	ePb	18 02.42	0.3	
			S	57 44.50					iS	11 42.01	-0.5				eSb	18 05.38	0.6	
REF	0.75	342	eP	57 32.82	-1.2	TACH	0.87	338	iPd	12 00.83		PAIG	1.96	171	ePb	18 29.54		
RDW	0.77	338	P	57 33.20	-1.0				iS	11 43.27	0.3	PVL	2.03	48	iP	18 07.26	0.2	
			S	57 46.60		LNV	0.88	305	iP+	12 02.49					eSb	18 08.00	0.0	
RDN	0.79	341	P	57 33.70	-0.6				iS	12 02.49		S.D. = 0.6 on 14 of 14 obs.						
			S	57 46.00		FCH	1.16	11	iPd	11 42.47	-0.5	& SEP 08, 1992 00h 21m 17.08s						
RDT	0.81	354	P	57 33.70	-0.8				iS	12 00.73		59.202 N 152.400 W						
DFR	0.85	345	eP	57 34.33	-0.7	LCCH	1.30	319	iP	11 47.28	-0.7	DEPTH = 62.5km						
NCT	0.86	337	P	57 35.70	0.5				iS	12 09.38		SOUTHERN ALASKA (2)						
			S	57 48.00		PEL	1.33	355	iP	11 50.12	-0.1	<AEIC>. ML 2.5 (AEIC).						
PDB	0.99	272	iPc	57 35.40	-1.2				iS	12 14.97		XLV	0.43	54	eP	21 27.50	-1.2	
			iS	57 49.36		ROCH	1.54	345	iPd	11 50.29	-0.3	AUE	0.52	288	eP	21 29.07	-0.6	
NKA	1.09	27	eP	57 39.12	1.2	JACH	1.78	359	iP	12 15.97					eS	21 37.17		
CDD	1.11	221	eP	57 37.22	-1.0				iS	11 54.67	0.8	AUI	0.54	285	eP	21 29.63	-0.2	
			eS	57 51.04					iS	12 22.57					eS	21 38.48		
SYI	1.17	184	ePc	57 38.37	-0.6	S.D. = 0.6 on 10 of 10 obs.				12 28.57		AUH	0.56	287	eP	21 29.77	-0.4	
			eS	57 54.62		& SEP 07, 1992 23h 50m 59.68s						AUL	0.56	289	eP	21 29.49	-0.6	
MCNL	1.22	242	eP	57 38.18	-1.5	34.233 N 116.840 W						AUW	0.57	288	eP	21 30.38	0.2	
			eS	57 54.03		DEPTH = 2.8km						SYI	0.59	180	iP	21 29.64	-0.8	
SLKM	1.25	53	ePd	57 39.25	-0.8	SOUTHERN CALIFORNIA (43)									eS	21 40.27		
			eS	57 56.98		<PAS-P>. ML 3.3 (PAS), 3.0 (GS).						HOM	0.60	40	eP	21 29.92	-0.6	
BKG	1.30	359	eP	57 40.36	-0.5	Felt (1) at Morongo Valley.						OPT	0.62	317	eP	21 30.03	-0.7	
			eS	57 57.82		PEC	0.43	218	iPd	51 07.90	-0.4				eS	21 40.43		
SPU	1.42	4	eP	57 41.65	-0.7							CNPM	0.68	61	eP	21 30.59	-0.9	
CKL	1.43	358	eP	57 41.98	-0.6													
SEW	1.44	76	eP	57 42.39	-0.2													

08d 00h

CDD	0.70	248	iP	21	41.78	-0.7
			eS	21	31.00	
			eS	21	42.16	
BRK	0.96	53	eP	21	34.11	-0.8
MCNL	1.00	270	eP	21	34.27	-1.2
PDB	1.09	303	eP	21	35.46	-1.2
			eS	21	50.12	
RS1	1.28	352	eP	21	38.45	-0.9
			eS	21	54.87	
RSO	1.28	352	eP	21	38.41	-1.0
			eS	21	54.61	
RS2	1.28	352	eP	21	38.44	-1.0
			eS	21	54.85	
REF	1.30	353	eP	21	38.84	-0.9
			eS	21	55.66	
RDW	1.30	351	eP	21	39.12	-0.6
			eS	21	55.24	
RDT	1.38	360	eP	21	39.81	-0.8
			eS	21	57.26	
NCT	1.39	349	eP	21	40.02	-0.8
DFR	1.40	354	eP	21	40.23	-0.8
			eS	21	57.84	
KDC	1.46	182	P	21	44.00	2.4
BGM	1.46	279	eP	21	39.93	-1.9
SLKM	1.71	39	eP	21	44.44	-0.7
SEW	1.75	58	eP	21	45.28	-0.4
BKG	1.88	2	eP	21	46.98	-0.5
SPU	1.99	5	eP	21	48.65	-0.5
CKL	2.00	1	eP	21	48.62	-0.7
MPA	2.01	49	eP	21	47.43	-1.8
BGL	2.07	0	eP	21	49.93	-0.3
CRP	2.08	3	eP	21	50.14	-0.3
CGLM	2.12	5	eP	21	50.79	-0.2
NCG	2.21	3	eP	21	52.33	0.1
LTJ	2.46	68	eP	21	54.36	-1.2
PMS	2.49	33	P	21	55.90	-0.2
SVW	2.50	321	P	21	54.50	-1.7

37 obs. associated

? SEP 08, 1992 00h 27m 29.83±5.69s
 36.956 N ±30.4km 2.074 W ±36.5km
 DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR (385)
 mbLg 3.2 (MDD). Felt (III) in
 the Carbaneras area, Spain.

ENIJ	0.11	279	iP	27	32.50	-0.2
EHUE	0.95	334	iP	27	47.00	-1.0
			iSg	28	00.20	
EGUA	1.20	265	iP	27	51.50	-0.7
			iSn	28	11.00	
ECOG	1.24	286	iP	27	52.80	-0.1
			iSn	28	11.00	
EVIA	1.71	349	iP	28	00.00	0.0
			iSn	28	22.80	
EBAN	1.82	312	iP	28	02.50	1.1
			iSn	28	26.00	
EHOR	2.67	290	iP	28	14.50	0.8
TOL	3.31	333	eP	29	20.00	57.3X
			ePg	29	33.00	
			eSn	29	56.00	
			eSg	30	17.00	

S.D. = 0.9 on 7 of 8 obs.

% SEP 08, 1992 00h 28m 29.17±3.00s
 37.016 N ±22.6km 1.973 W ±20.5km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 3.1 (MDD). Felt (III) in
 the Carbaneras area.

ENIJ	0.19	257	iP	28	32.50	-0.9
EGUA	1.29	262	iP	28	51.00	-1.3
			eS	29	11.00	
ECOG	1.30	282	iP	28	52.80	-0.5
			iSn	29	11.00	
EVIA	1.67	346	eP	28	59.50	0.8
EBAN	1.84	309	eP	29	01.00	-0.1
			eS	29	26.00	
ELUO	1.91	287	eP	29	02.00	-0.1
MAL	1.98	262	iP	29	05.50	2.5
			iSg	29	33.00	
ECHE	2.69	17	eP	29	12.50	-0.8
			eS	29	44.50	
EHOR	2.73	288	eP	29	14.00	0.2
			eS	29	48.00	
ETOR	3.80	359	eP	29	29.00	-0.1

S.D. = 1.2 on 10 of 10 obs.
 % SEP 08, 1992 00h 31m 31.27±3.18s
 33.131 S ±11.8km 71.207 W ±12.1km
 DEPTH = 67.6 ±31.4 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.2 (SAN).

ROCH	0.23	46	iP+	31	42.44	0.3
			iS	31	50.41	
PEL	0.44	92	eP	31	43.20	-0.3
			iS	31	52.71	
LCCH	0.46	221	iPd	31	43.86	0.2
			iS	31	52.87	
TACH	0.57	157	iPd	31	44.68	-0.1
			iS	31	54.22	
JACH	0.68	49	iP	31	46.05	-0.1
			iS	31	57.29	
PCH	0.76	130	iP	31	46.87	-0.1
			iS	31	58.69	
FCH	0.79	105	iP+	31	47.75	0.1
			iS	31	59.95	
LNW	0.84	192	iPd	31	47.33	-0.5
			iS	32	00.63	
CHCH	0.93	150	iPd	31	49.00	0.0
			iS	32	02.22	
CACH	1.11	153	iP+	31	52.01	0.6
			iS	32	07.34	

S.D. = 0.4 on 10 of 10 obs.
 SEP 08, 1992 00h 38m 15.42±0.18s
 29.134 N ±3.4km 52.187 E ±2.3km
 DEPTH = 17.5km (5 depth phases)
 5.2mb (91 obs.) 4.7msz (15 obs.)
 SOUTHERN IRAN (353)
 One person killed and 11 injured
 in the Firuzabad area. Also 200
 houses and 3 bridges were
 destroyed and landslides blocked
 roads in the epicentral area.
 Damage reported at Bonu,
 Dorenjon, Giah Zor and Meygoli.
 Felt at Kazerun and Shiraz.

DHR	3.35	213	iPd	39	09.40	1.4
			eS	39	54.00	
TEH	6.62	354	iP	39	56.00	1.6
RYD	6.64	230	iPd	39	53.00	-1.6
			eS	41	07.00	
KER	6.77	322	eP	39	58.00	1.5
MJMA	6.94	244	iP	39	56.67	-2.2
QASM	8.25	250	iPd	40	14.00	-3.2X
MAIO	9.43	39	iPd	40	35.00	1.5
	0.9s	23.44nm			5.5mb	
			eS	42	41.00	
TAB	10.16	333	e(P)	40	50.00	6.4X
WAJH	14.16	262	eP	41	40.67	3.5X
AYN	14.17	273	iP	41	34.27	-3.1X
DSI	14.71	284	eP	41	41.60	-2.9
MLL	14.79	287	eP	41	42.90	-2.6
BHL	14.88	293	P	41	48.00	1.3
			S	46	44.00	
HOL	14.97	275	eP	41	44.67	-3.1X
PRNI	14.98	279	eP	41	45.40	-2.6
SAGI	15.28	278	eP	41	48.40	-3.5X
ADAT	16.16	304	eP	42	04.10	1.0
FAM	16.48	295	eP	42	13.00	5.8X
CSS	17.00	295	eP	42	13.00	-0.9
TRHT	17.24	315	iP	42	18.00	1.1
ASW	17.97	258	eP	42	28.00	2.0
			eS	45	56.00	
AKSR	18.02	257	eP	42	27.80	1.3
AKUR	18.13	258	iP	42	30.40	2.4
HLW	18.16	277	ePd	42	28.70	0.4
			e	45	56.20	
			e	48	09.25	
AGRW	18.19	257	iPd	42	30.60	1.9
ASKD	18.55	258	eP	42	33.50	0.4
BBTK	19.21	309	iP	42	41.50	0.3
ARO	19.57	208	eP+	42	47.00	1.5
BCK	19.84	300	eP	42	48.30	0.0
SGKT	20.03	310	eP	42	50.00	-0.4
DVR	20.35	311	eP	42	53.50	-0.1
ALT	20.74	304	iP	42	58.00	0.3
GYN	20.83	308	eP	42	58.50	-0.2
KHL	20.92	302	iP	42	59.00	-0.5
GPA	21.09	308	eP	43	02.00	0.8

EYL	21.32	308	iP	43	03.80	0.2
YLV	21.86	307	eP	43	08.30	-0.7
GBZT	21.90	308	iPd	43	10.00	0.7
KSH	22.13	56	P	43	13.50	1.7
Z	16s	4.72um			5.0MszX	
N	10s	3.63um				
		PP	43	42.00		
KCT	22.45	306	iP	43	16.30	1.5
CTT	22.75	308	eP	43	17.30	-0.4
BNT	22.80	306	iP	43	20.30	2.1
NPS	23.27	292	eP	43	26.00	3.1X
DMK	23.49	309	eP	43	26.10	1.2
PRK	23.62	302	eP	43	27.20	1.0
AAE	23.64	215	iP	43	29.00	2.0
EZN	23.76	304	eP	43	27.80	0.3
PSN	24.05	314	iPc	43	32.00	1.6
ALN	24.32	306	iPc	43	34.18	1.2
JMB	24.55	310	iPc	43	38.00	2.8
CFR	24.84	317	ePd	43	39.00	1.1
KDZ	25.03	307	eP	43	40.00	0.1
DIM	25.10	308	iP	43	42.00	1.5
ATH	25.23	298	eP	43	42.50	0.7
RZN	25.54	307	iPc	43	46.00	1.1
VLI	25.62	295	eP	43	44.80	-0.7
OUR	25.63	303	iPc	43	46.58	1.1
PLD	25.69	308	iP	43	47.00	0.9
PVL	25.70	310	iP	43	48.00	1.9
PAIG	25.73	302	iPc	43	47.62	1.1
BUC1	25.74	313	eP	43	49.00	2.6
VRI	26.05	317	ePd	43	50.00	0.6
SRS	26.15	305	iPc	43	51.22	0.9
MMB	26.20	306	iPc	43	51.00	0.1
SOH	26.23	304	iPc	43	52.42	1.3
MLR	26.33	315	iPc	43	53.00	0.8
THE	26.45	303	iPc	43	53.98	0.8
AGG	26.52	300	iPc	43	53.14	-0.7
KNT	26.66	305	iPc	43	55.30	0.3
LIT	26.66	302	iPc	43	54.94	-0.1
KKB	26.75	306	iPc	43	56.00	0.1
PTT	26.81	319	eP	43	57.00	0.6
HYB	26.82	110	eP	43	56.70	0.0
			eS	48	36.00	
GRG	26.96	304	iPc	43	58.06	0.2
DRA	27.02	313	eP	44	17.00	18.7X
KZN	27.25	302	eP	44	00.50	0.0
COZ	27.25	314	eP	43	53.50	-7.1X
FNA	27.66	303	iPc	44	05.46	1.2
VLS	27.70	297	eP	44	03.80	-0.8
SKO	27.94	306	iP	44	06.50	-0.2
	1.5s	105.00nm			5.4mb	
GBA	28.05	118	P	44	07.70	-0.1
LSK	28.08	301	eP	44	12.00	3.9X
OHR	28.17	304	iP	44	08.90	0.1
	1.4s	161.00nm			5.6mb	
OBN	28.27	341	iPc	44	09.50	0.0
	1.0s	70.00nm			5.4mb	
Z	16s	1.50um			4.7MszX	
N	16s	1.50um				
		ePP	44	57.00		
		eS	49	09.00		
		eSS	49	58.00		
		ePcS	51	12.00		
		i	51	28.00		
		LQ	53	28.00		
GKN	28.48	84	P	44	11.06	-0.8
BERA	28.69	302	eP	44	12.90	-0.5
KKS	28.71	305	eP	44	16.00	2.4
TIR	28.91	304	eP	44	15.20	-0.2
DMN	28.96	85	P	44	15.68	-0.6
	0.5s	86.00nm			5.7mb	
BCI	29.04	306	eP	44	15.40	-1.2
KKN	29.07	85	P	44	16.54	-0.8
	0.6s	197.00nm			6.1mb	
LACI	29.09	304	eP	44	16.70	-0.4
PKI	29.23	85	P	44	17.84	-1.0
SDA	29.35	305	eP	44	18.50	-0.9
GUN	29.57	84	P	44	20.88	-1.1
	0.5s	97.00nm			5.9mb	
TDS	31.21	299	P	44	36.60	0.7
SOI	31.23	296	P	44	36.60	0.6
ATN	31.70	296	P	44	40.90	0.6
HVAR	31.82	306	eP	44	39.60	-1.6
WMO	31.82	53	P	44	41.60	0.2
	0.8s	55.00nm			5.5mb	
Z	16s	2.38um			5.0MszX	
N	10s	1.75um				
		PP	45	47.50		

MGR	31.87	300	P	44	41.80	0.1	BOB	37.09	307	P	45	27.30	0.7	BGF	41.93	308	iPc	46	06.10	-0.5	
SRO	32.07	315	iP	44	43.50	0.2	KAF	37.10	340	iP	45	26.10	-0.2		0.8s	16.50nm			4.8mb		
SGO	32.12	301	P	44	44.60	0.7		0.4s	11.30nm			5.0mb		MAF	42.09	308	iPc	46	07.70	-0.2	
OJC	32.24	320	iPc	44	45.00	0.1	GRF	37.12	315	iPc	45	26.60	-0.1		1.1s	25.15nm			4.9mb		
			i	44	51.20	22km		1.1s	29.00nm			5.0mb		CAF	42.32	306	iPc	46	09.70	-0.2	
ZAG	32.87	310	eP	44	51.00	0.7	Z	20s	0.70um			4.4Msz			1.0s	31.70nm			5.0mb		
PTJ	32.91	311	eP	44	50.10	-0.7	MOX	37.19	317	iP	45	27.30	0.1	LSPF	42.33	303	P	46	10.38	0.5	
ZST	32.97	315	iP	44	50.40	-0.8		1.9s	36.00nm			4.8mb		TCF	42.34	308	iPc	46	09.70	-0.3	
VBY	33.26	310	iP	44	54.00	0.2	Z	17s	0.80um			4.6MszX			0.9s	17.70nm			4.8mb		
VKA	33.48	315	iPc	44	55.30	-0.4	N	22s	1.40um			eS	51	20.00							
	1.5s	89.60nm			5.5mb		VDL	37.41	310	P	45	29.72	0.3	PAND	42.58	302	P	46	13.22	1.0	
NAI	33.63	209	eP	44	59.00	1.5	PCP	37.69	306	P	45	30.06	-1.5	GRBF	42.60	303	P	46	12.31	0.1	
Z	16s	2.22um			5.0MszX		TMA	37.74	309	P	45	31.57	-0.5	RJF	42.74	306	iPc	46	13.30	0.1	
VRAC	33.71	317	iPc	44	57.80	0.2	LLS	37.81	310	P	45	32.13	-0.6		1.1s	33.70nm			5.0mb		
	1.7s	197.40nm			5.8mb		CKI	37.86	306	P	45	31.90	-1.0	Z	21s	0.55um			4.4Msz		
		eSg	46	15.80			FIN	37.88	306	P	45	31.80	-1.3	LESF	42.79	303	P	46	13.89	0.2	
AZI	33.75	303	P	44	58.80	0.8	IMI	38.07	305	P	45	34.06	-0.7	LSF	42.81	308	iPc	46	13.20	-0.6	
AQU	33.84	304	P	44	59.50	0.6	ROB	38.13	306	P	45	34.88	-0.4		0.8s	7.50nm			4.5mb		
LSA	33.84	79	iPd	45	00.00	0.5	SLE	38.35	311	P	45	36.22	-0.8	SALF	42.85	303	P	46	13.94	-0.3	
N	24s	4.03um					MMK	38.35	308	P	45	36.72	-0.6	LPO	42.93	306	iPc	46	14.80	0.0	
LJU	33.90	310	iPc	45	00.00	0.7	ZLA	38.35	311	P	45	36.81	-0.3		0.9s	21.45nm			4.9mb		
TRI	34.33	309	eP	45	00.00	-3.0X	SBF	38.39	305	iPc	45	37.20	-0.2	KEV	43.14	347	iP	46	17.00	0.8	
		e	46	04.00	328kmX			0.8s	54.55nm			5.4mb		LFF	43.26	306	iPc	46	17.70	0.2	
VOY	34.33	310	iPc	45	03.00	-0.1	ENR	38.44	305	P	45	37.13	-0.8		0.9s	38.35nm			5.2mb		
MNS	34.37	303	P	45	03.40	-0.1	STV	38.51	305	P	45	37.34	-1.2	GTK1	43.31	345	eP	46	17.84	0.3	
ARV	34.38	305	P	45	04.00	0.4	UPP	38.58	333	iPc	45	38.10	-0.6	EBR	43.37	300	P	46	20.00	1.6	
ASS	34.50	305	P	45	05.70	1.1	DOI	38.61	306	P	45	37.90	-1.4	EROQ	43.43	300	eP	46	20.00	1.1	
KSP	34.52	319	iP	45	04.40	-0.2	BHB	38.64	306	P	45	37.55	-2.0	EPF	43.48	303	iPc	46	18.50	-0.8	
		e	45	34.50	138kmX		RSP	38.69	307	P	45	37.44	-2.6		0.9s	12.80nm			4.7mb		
KBA	34.99	312	iPc	45	08.80	-0.1	PZZ	38.71	306	P	45	38.47	-1.7	LZH	43.64	67	Pc	46	21.50	0.6	
	0.8s	41.10nm			5.4mb		DIX	38.74	308	P	45	39.38	-1.2		1.4s	92.00nm			5.4mb		
CRE	35.12	305	P	45	10.20	0.3	LSD	38.81	307	P	45	40.31	-0.9	Z	18s	1.23um			4.9Msz		
PRU	35.21	317	P	45	10.20	-0.3	RRL	38.99	306	P	45	41.75	-0.9	N	14s	1.03um					
	2.0s	39.00nm			5.0mb		EMS	39.06	308	P	45	43.47	0.2			pP	46	24.00	8km		
Z	19s	0.80um			4.5Msz		BNI	39.08	307	P	45	42.60	-0.8	CHG	43.70	93	ePc	46	20.70	-0.6	
N	15s	1.00um					LPG	39.10	307	iPc	45	42.90	-0.7		1.0s	30.00nm			5.0mb		
E	16s	0.70um						0.7s	37.35nm			5.2mb		EGRA	43.96	302	iPc	46	20.00	-3.1X	
FVI	35.22	311	P	45	10.40	-0.2	LPL	39.11	307	iPc	45	42.90	-0.8	MFF	43.99	308	iPc	46	22.70	-0.7	
GEC2	35.31	315	ePc	45	10.80	-0.7		0.7s	44.10nm			5.3mb			1.0s	43.80nm			5.2mb		
	0.6s	5.25nm			4.6mb		CDF	39.29	312	iPc	45	43.60	-1.3	LDF	44.17	311	iPc	46	23.80	-1.0	
		e	45	18.70	27km		BSF	39.48	311	iPc	45	45.60	-1.0		0.5s	20.25nm			5.2mb		
PGD	35.33	306	P	45	13.80	2.0	HAU	39.81	311	iPc	45	48.10	-1.1	ACU	44.17	297	eP	46	27.00	2.0	
BHG	35.48	313	iPc	45	12.60	-0.2		0.8s	25.25nm			5.0mb		CD2	44.36	74	eP	46	25.70	-0.9	
	0.7s	57.00nm			5.6mb		Z	21s	0.28um			4.1Msz			2.4s	1.93um			4.9MszX		
KHC	35.49	315	iPc	45	12.50	-0.4	BCAO	40.24	239	iPc	45	53.20	0.1	N	17s	2.76um					
	1.2s	27.00nm			5.0mb			0.2s	20.00nm			5.5mb		BDT	44.37	95	eP	46	24.80	-1.9	
Z	20s	1.50um			4.7Msz		GTA	40.27	62	iPd	45	54.50	1.3		1.0s	27.60nm			5.1mb		
N	20s	0.70um						1.0s	81.00nm			5.4mb		FLN	44.42	311	iPc	46	25.90	-0.9	
E	20s	1.10um					Z	16s	1.72um			5.0MszX			0.6s	28.50nm			5.3mb		
		e	45	34.00	90kmX		N	14s	1.18um					Z	22s	0.40um			4.3Msz		
		e	46	34.30					pP	46	01.00	22km		ECHE	44.53	298	eP	46	28.80	0.9	
FIR	35.64	305	eP	45	15.00	0.8			S	51	59.00			IRK	44.59	44	eP	46	27.20	-0.9	
		eS	51	10.00					SS	54	52.00				1.7s	35.00nm			5.0mb		
BRG	35.90	318	iPc	45	14.40	-1.9				46	01.00	22km		Z	14s	1.54um			5.1MszX		
	1.4s	24.00nm			4.9mb					51	59.00		E	16s	2.27um						
		i	45	24.50	34kmX		WLF	40.29	314	Pc	45	53.00	0.0			e	47	08.70	191kmX		
WET	35.92	315	iPc	45	15.80	-0.8				54	52.00				LR	04	58.00				
MME	36.11	306	P	45	19.10	0.6	HFS	40.36	331	eP	45	52.70	-0.7	GRR	44.63	311	iPc	46	27.80	-0.7	
WTTA	36.16	311	iPc	45	18.20	-0.6		0.4s	44.60nm			5.5mb			1.0s	59.60nm			5.4mb		
	0.9s	67.50nm			5.5mb		Z	18s	0.82um			4.6Msz		LPF	44.72	310	iPc	46	28.30	-0.9	
		i	45	20.90	9km				LR	01	54.00				1.1s	62.25nm			5.4mb		
		i	45	42.40			WTS	40.48	317	iPc	45	55.50	1.0	TRO	44.78	344	iPc	46	29.48	0.1	
		i	50	56.00				0.7s	50.00nm			5.3mb		KMI	44.90	83	Pd	46	30.50	-0.7	
		i	51	07.60			ENN	40.69	315	eP	45	57.50	1.2		1.9s	60.00nm			5.2mb		
BDI	36.16	306	P	45	18.20	-0.5		1.5s	67.00nm			5.1mb		Z	15s	0.80um			4.8MszX		
WATA	36.22	311	iPc	45	18.40	-0.9		40.80	318	eP	45	57.00	-0.1	LOF	45.16	341	eP	46	32.15	-0.4	
NUR	36.41	337	iP	45	20.10	-0.4	WIT	41.22	309	iPc	46	00.00	-0.8	ETOR	45.30	300	eP	46	34.00	-0.1	
	0.4s	14.50nm			5.2mb		LBF	41.27	309	iPc	46	00.50	-0.6	ECRI	45.58	302	eP	46	36.30	0.1	
SQTA	36.43	311	iPc	45	20.20	-0.8		0.7s	11.70nm			4.7mb		EVIA	45.80	297	eP	46	36.70	-1.4	
	0.6s	53.60nm			5.6mb		SMF	41.34	310	iPc	46	00.90	-0.9	NST	46.01	96	eP	46	43.00	3.2X	
		i	51	00.30				0.8s	563.55nm			6.3mb X		HAE	46.14	316	eP	46	40.00	-0.4	
		i	51	09.70			LOR	41.36	314	Pc	46	02.30	0.4	HGH	46.25	315	eP	46	41.00	-0.3	
OGA	36.46	311	iPc	45	21.20	-0.2		0.8s	16.80nm			4.8mb		HTR	46.59	316	eP	46	43.30	-0.7	
SAL	36.51	308	P	45	22.20	0.7	Z	22s	0.60um			4.4Msz		EGUA	46.83	295	eP	46	46.50	0.3	
MOTA	36.53	311	iPc	45	20.90	-1.0	DOU	41.36	314	Pc	46	02.30	0.4	HCG	46.85	316	eP	46	46.10	0.0	
	0.8s	61.10nm			5.5mb			0.6s	19.10nm			5.0mb		GUD	46.90	300	eP	46	47.00	0.2	
		i	45	44.50	101kmX				e	46	24.60	94kmX		EKA	47.02	320	P	46	47.00	-0.3	
		i	51	01.30					e	46	51.50			0.6s	14.10nm			5.2mb			
		i	51	07.20			SSF	41.55	309	iPc	46	02.90	-0.5	NNT							

08d 00h

EHOR 48.03 296 eP 46 54.50 -1.1
 BTO 48.04 60 eP 46 56.50 0.8
 N 15s 1.32um
 E 15s 0.88um
 ePP 48 51.00
 eS 53 57.50
 XAN 48.06 69 Pc 46 55.20 -0.7
 0.5s 15.00nm 5.3mb
 Z 15s 0.93um 4.9MsZ
 N 18s 2.04um
 EPRU 48.14 295 eP 46 54.70 -1.8
 EPLA 48.42 299 eP 46 57.00 -1.6
 ETA 48.44 316 eP 46 58.20 -0.3
 IFR 48.63 290 iP 47 03.00 2.5
 DLF 48.69 317 eP 47 00.20 -0.2
 ECB 48.76 316 iPc 46 58.50 -2.5
 0.9s 317.00nm 6.4mb X
 DMU 48.98 318 P 47 02.30 -0.3
 ERUA 49.01 302 eP 47 01.80 -1.3
 HHC 49.18 60 eP 47 06.00 1.4
 0.7s 11.00nm 5.0mb
 Z 20s 1.25um 4.9MsZ
 N 14s 0.76um
 S 54 12.00
 EVAL 49.25 296 eP 47 03.50 -1.4
 TIY 50.26 64 eP 47 13.00 0.2
 1.2s 58.00nm 5.4mb
 Z 22s 1.31um 4.9MsZ
 N 20s 2.59um
 S 54 26.50
 KRI 50.63 208 eP 47 17.00 1.2
 IPM 52.23 108 ePd 47 27.90 -0.1
 1.0s 46.40nm 5.4mb
 BJI 52.78 60 eP 47 32.00 0.3
 Z 18s 1.30um 5.0MsZ
 OIZ 53.15 87 eP 47 32.00 -2.7
 BUL 54.01 208 eP 47 40.70 -0.4
 0.7s 10.27nm 5.0mb
 TIA 54.23 65 P 47 42.50 0.1
 1.4s 68.00nm 5.5mb
 Z 16s 1.28um 5.1MsZ
 N 16s 0.97um
 E 16s 1.04um
 eS 55 14.00
 AKU 55.73 332 iP 47 54.40 1.5
 0.8s 17.91nm 5.2mb
 SNY 57.96 57 eP 48 07.60 -1.4
 Z 21s 1.23um 5.0MsZ
 N 19s 2.27um
 KIC 58.14 259 Pc 48 09.78 -1.0
 0.7s 35.00nm 5.5mb
 TIC 58.24 259 Pc 48 10.42 -1.0
 0.4s 43.00nm 5.9mb
 LIC 58.46 259 Pc 48 11.86 -1.1
 0.7s 56.50nm 5.7mb
 SSE 58.81 69 P 48 16.20 1.1
 1.0s 18.00nm 5.1mb
 Z 20s 1.40um 5.1MsZ
 N 14s 0.30um
 CN2 58.90 54 Pc 48 16.00 0.4
 1.0s 15.00nm 5.1mb
 Z 22s 1.37um 5.0MsZ
 N 18s 2.44um
 E 18s 1.64um
 eS 56 25.00
 YAK 58.92 33 eP 48 14.80 -0.7
 1.5s 50.00nm 5.4mb
 Z 14s 1.00um 5.1MsZ
 N 14s 0.60um
 E 15s 0.70um
 i 58 02.00
 SLR 59.19 205 eP 48 16.50 -1.5
 1.0s 20.00nm 5.2mb
 WIN 61.52 217 eP 48 34.00 0.0
 0.9s 11.76nm 5.0mb
 BLF 63.02 205 eP 48 44.00 0.2
 MBC 74.74 358 eP 49 56.00 0.5
 0.7s 10.00nm 5.0mb
 IMA 83.05 10 eP 50 41.38 0.4
 1.0s 11.13nm 5.0mb
 FBA 84.99 8 eP 50 51.58 1.0
 0.9s 8.19nm 5.0mb
 TTA 85.53 13 eP 50 54.71 1.2
 1.0s 7.23nm 4.8mb
 JAQ 85.92 332 eP 50 57.00 1.5
 LMN 86.05 321 eP 51 03.50 7.2X
 SVW 87.27 13 (P) 51 03.11 1.1

PMR 1.3s 27.63nm 5.4mb
 87.96 10 (P) 51 06.37 1.2
 0.8s 9.07nm 5.2mb
 FCC 88.04 343 eP 51 12.50 6.8X
 YKA 88.08 354 eP 51 06.80 1.0
 0.9s 14.00nm 5.3mb
 BALM 89.38 7 (P) 51 11.46 -0.7
 EEO 92.67 329 eP 51 31.50 4.0X
 WRA 92.97 111 P 51 30.00 0.8
 0.6s 3.40nm 5.0mb
 WBZ 92.98 111 eP 51 29.50 0.3
 0.6s 8.80nm 5.4mb
 ASPA 94.46 114 eP 51 35.50 -0.5
 0.6s 7.30nm 5.3mb
 RLO 108.09 333 ePKP 56 45.90 1.9
 e 57 00.50
 TUL 108.62 333 ePKP 56 46.10 1.1
 0.7s 7.70nm
 SIO 108.97 333 ePKP 56 45.90 0.2
 VVO 109.10 333 ePKP 56 42.80 -3.1X
 ZOBO 124.00 269 PKP 57 17.00 1.3
 LR 04 04.00
 LPB 124.07 269 ePKP 57 28.00 12.4X
 CNCB 124.08 269 PKP 57 17.00 1.2
 S.D. = 1.0 on 276 of 297 obs.

SEP 08, 1992 00h 46m 17.42±0.95s
 24.510 S ± 7.1km 66.940 W ± 7.2km
 DEPTH = 168.0 ± 8.6 km
 4.9mb (13 obs.)

SALTA PROVINCE, ARGENTINA (129)

TLL 6.60 211 ePc 47 51.20 -2.1
 iS 48 15.50
 CCH 7.13 6 eP 48 00.00 -0.5
 CNCB 7.72 353 P 48 10.00 1.3
 LPB 8.01 352 iPc 48 14.00 1.7
 S 49 28.00
 ZOBO 8.26 352 iPc 48 16.20 0.4
 S 49 46.00
 ARE 9.07 331 eP 48 25.00 -1.2
 iS 49 59.50
 SIV 10.10 34 P 48 39.50 0.0
 i 50 20.00
 ITB1 11.42 93 e(P) 49 00.10 3.4X
 ITB 11.58 94 e(P) 49 01.20 2.4
 ITB7 11.61 96 e(P) 49 11.00 11.8X
 PPD 14.57 83 eP 49 36.20 -0.7
 e 49 40.10
 e 49 44.60
 e 49 51.00
 BAO 19.85 67 Pd 50 37.00 -0.5
 BDF 19.91 67 Pd 50 38.90 0.8
 e 50 42.30
 e 50 47.20
 e 51 06.00
 BMA 20.96 90 eP 50 48.60 0.1
 ITR 31.39 65 eP 52 22.10 -2.5
 SNA 58.64 159 iPd 55 58.40 -0.3
 0.8s 29.85nm 5.2mb
 JSC 60.03 346 eP 56 07.48 -1.0
 LHS 60.12 347 iPd 56 07.94 -1.2
 GBTN 62.04 344 ePd 56 20.05 -2.0
 NVL 63.38 159 eP 56 31.00 0.5
 1.0s 47.00nm 5.3mb
 UYO 63.94 335 iPd 56 33.50 -1.1
 ELC 64.95 340 eP 56 38.78 -2.2
 SPA 65.64 180 iPd 56 46.50 1.2
 0.8s 22.50nm 5.1mb
 i 57 13.20
 FVM 65.96 340 iPd 56 45.84 -1.6
 0.4s 27.03nm 5.5mb
 iPcP 57 13.22
 LIC 67.54 72 P 56 56.40 -1.5
 TIC 67.76 71 P 56 58.40 -0.9
 KIC 67.86 72 P 56 58.60 -1.3
 ALQ 70.00 326 iPd 57 13.49 0.7
 0.9s 15.30nm 4.8mb
 JFWS 70.44 342 ePd 57 14.39 -0.7
 0.6s 23.77nm 5.2mb
 EEO 71.66 351 eP 57 24.50 2.2
 GLA 73.20 319 eP 57 32.27 0.6
 SRU 75.27 326 ePd 57 44.02 0.4
 ePcP 57 55.48
 MSU 75.67 325 iPd 57 46.87 0.9
 ARUT 75.81 324 iPc 57 48.17 1.5
 RSSD 76.28 333 ePd 57 49.56 0.3

0.4s 4.72nm 4.6mb
 DAU 76.63 327 eP 57 52.08 0.7
 BW06 77.62 329 eP 57 56.50 -0.2
 0.6s 1.94nm 4.0mb
 JAQ 78.35 355 ePd 57 59.00 -1.1
 HVU 78.41 327 eP 58 01.44 0.5
 ULM 78.73 342 eP 58 04.50 2.3
 PTI 79.03 328 eP 58 04.28 0.0
 MAW 80.94 163 iPd 58 15.00 1.2
 0.8s 17.00nm 4.8mb
 ORV 81.56 320 iPd 58 18.18 0.7
 LBFM 82.97 322 eP 58 25.39 0.4
 SLR 84.07 115 iPd 58 31.00 0.1
 1.0s 30.00nm 5.0mb
 DPW 85.48 328 eP 58 37.62 0.4
 BUL 86.65 110 iPd 58 45.40 1.7
 0.6s 10.67nm 4.9mb
 BMW 87.06 325 eP 58 45.45 0.5
 BCAO 87.71 84 iPc 58 52.00 3.3X
 0.7s 9.00nm 4.8mb
 YKA 94.62 340 eP 59 19.20 -0.4
 0.6s 3.00nm 4.7mb
 HYB 147.08 96 ePKP 05 42.70 2.5X
 S.D. = 1.3 on 47 of 51 obs.

* SEP 08, 1992 00h 57m 05.45±1.03s
 13.400 N ± 6.5km 60.897 W ± 32.0km
 DEPTH = 90.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.4 (TRN).

SOA 0.25 264 eP 57 18.72 0.0
 eS 57 29.05
 SVB 0.37 250 eP 57 19.32 -0.1
 eS 57 29.95
 SLB 0.45 342 eP 57 20.28 0.2
 eS 57 31.66
 BIM 1.12 351 iPd 57 26.41 -0.5
 S 57 42.60
 MVM 1.15 0 iPd 57 26.84 -0.4
 S 57 43.70
 CRM 1.35 359 iPd 57 29.01 -0.6
 S 57 47.20
 FDF 1.35 350 iPd 57 29.05 -0.6
 S 57 47.31
 GRW 1.44 211 eP 57 29.77 -1.1
 eS 57 49.24
 TRN 2.78 190 eP 57 48.59 -0.2
 eS 58 19.86
 TCE 2.81 197 eP 57 49.23 -0.1
 eS 58 20.46
 S.D. = 0.4 on 10 of 10 obs.

% SEP 08, 1992 01h 13m 14.93±1.54s
 39.404 N ± 6.4km 15.039 E ± 18.7km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN ITALY (390)

MGR 0.83 28 P 13 31.10 0.1
 eSg 13 42.70
 TDS 1.04 75 P 13 34.70 0.2
 eSg 13 49.40
 SGO 1.17 10 P 13 36.70 -0.1
 eSg 13 52.50
 ATN 1.28 165 P 13 39.50 0.7
 SOI 1.55 149 P 13 41.60 -0.9
 S.D. = 0.9 on 5 of 5 obs.

SEP 08, 1992 03h 32m 43.39±0.56s
 6.774 N ± 5.8km 72.944 W ± 7.3km
 DEPTH = 164.4 ± 6.5 km
 4.0mb (5 obs.)
 NORTHERN COLOMBIA (99)

BMG 0.32 336 iPc 33 05.50 -1.8
 BOG 2.41 208 iPc 33 26.00 1.1
 iS 33 56.00
 SDV 3.11 47 iPnd 33 34.90 1.5
 iSn 34 12.30
 TOV 4.32 46 ePn 33 50.30 1.3
 iSn 34 40.30
 CEOS 5.09 64 iPc 33 59.00 -0.1
 iS 34 56.00
 OLLA 6.88 62 iP 34 22.40 -0.5
 eS 35 40.30
 GUAN 7.88 66 iP 34 35.50 -0.8
 iS 36 03.90

ZOBO 23.40 168 P 37 39.00 -0.4
 LPB 23.65 168 P 37 42.00 0.5
 CNCB 23.94 168 P 37 45.00 0.5
 CCH 24.92 164 P 37 53.20 -0.2
 SIV 25.49 153 eP 37 58.00 -0.3
 BAO 33.27 132 e(P) 39 08.00 0.6
 PPD 35.62 144 eP 39 26.00 -1.3
 ALO 41.66 317 eP 40 17.84 0.3
 0.5s 1.16nm 3.7mb
 GOL 43.84 323 eP 40 35.78 0.6
 0.6s 7.69nm 4.5mb
 RSSD 46.07 329 eP 40 53.00 0.3
 0.8s 2.40nm 3.8mb
 SRU 46.69 319 eP 40 56.22 -1.4
 DAU 47.88 320 eP 41 07.00 0.0
 ARUT 47.95 316 eP 41 06.87 -0.5
 BW06 48.22 324 eP 41 08.80 -0.7
 1.0s 1.83nm 3.7mb
 BONR 51.43 314 eP 41 34.36 0.2
 LTCM 55.07 315 (P) 42 02.84 2.4
 YKA 63.37 340 eP 42 55.70 -1.3
 0.5s 3.00nm 4.4mb
 ASPA 149.23 234 iPKPd 52 14.00 3.0X
 0.6s 5.00nm
 WB2 150.45 241 iPKPd 52 17.10 5.0X
 0.4s 9.00nm
 S.D. = 1.1 on 24 of 26 obs.

& SEP 08, 1992 03h 44m 49.86s
 34.109 N 116.982 W
 DEPTH = 4.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. MD 3.5 (PAS). ML 3.5
 (GS). Felt (IV) at Angelus Oaks,
 Highland, Loma Linda and
 Yucaipa.

PEC 0.26 214 iPd 44 55.00 -0.2
 SSK 0.60 280 iPd 45 01.20 -0.6
 PLM 0.76 172 iPd 45 04.10 -1.0
 ISA 1.98 322 ePn 45 23.49 -1.0
 ABL 1.99 292 ePn 45 24.27 -0.6
 GLA 2.09 120 ePn 45 23.41 -2.7
 BCH 2.77 294 ePn 45 34.85 -1.2
 TPNV 2.90 12 ePn 45 38.09 0.3
 ePg 45 44.60
 eS 46 22.53
 PHAM 3.29 303 eP 45 42.18 -1.1
 TNP 3.97 357 ePn 45 52.43 -0.6
 BONR 3.98 345 ePn 45 53.82 0.5
 ARUT 4.66 37 ePn 46 01.78 -1.1
 ARN 4.91 312 eP 46 06.50 0.2
 MSU 5.86 40 (P) 46 19.72 -0.1
 14 obs. associated

% SEP 08, 1992 03h 49m 54.44±0.74s
 39.832 N ± 5.7km 22.718 E ± 6.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

LIT 0.32 327 ePg 50 00.56 -0.5
 PAIG 0.75 82 ePg 50 08.60 -0.4
 eSg 50 19.72
 AGG 0.86 201 ePg 50 11.24 0.2
 eSg 50 24.40
 OUR 1.09 62 ePg 50 15.08 0.1
 eSg 50 30.28
 SOH 1.10 26 ePg 50 15.24 0.1
 GRG 1.15 348 ePg 50 16.20 0.2
 KNT 1.34 6 ePb 50 19.40 0.3
 S.D. = 0.4 on 7 of 7 obs.

SEP 08, 1992 04h 18m 55.60±0.48s
 44.501 N ± 3.3km 6.976 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.0 (GEN), 1.9 (LDG).

PZZ 0.09 87 P 18 59.18 0.9
 S 19 01.64
 STV 0.36 136 P 19 02.26 -0.7
 S 19 08.62
 BHB 0.40 31 P 19 03.18 -0.6
 S 19 10.15
 ENR 0.42 131 P 19 03.49 -0.7
 S 19 10.36
 RRL 0.44 342 P 19 04.72 0.1

ROB 0.67 108 P 19 08.92 -0.1
 S 19 19.07
 RSP 0.68 17 P 19 08.51 -0.7
 S 19 18.87
 SBF 0.72 152 Pg 19 11.70 1.9
 Sg 19 20.60
 IMI 0.88 132 P 19 12.82 0.2
 S 19 25.23
 FRF 0.97 194 Pg 19 13.10 -0.9
 Sg 19 25.90
 LPG 1.01 351 Pg 19 15.40 0.5
 Sg 19 29.80
 LPL 1.03 350 Pg 19 15.50 0.3
 Sg 19 30.20
 LRG 1.14 203 Pg 19 17.10 0.2
 Sg 19 31.30
 LMR 1.21 196 Pg 19 17.90 -0.3
 Sg 19 33.30
 S.D. = 0.8 on 14 of 14 obs.

SEP 08, 1992 04h 44m 38.41±0.50s
 45.896 N ± 3.6km 3.310 E ± 5.1km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.9 (STR).

AGO 0.20 321 Pg 44 42.34 -0.5
 Sg 44 45.26
 PYM 0.26 235 Pg 44 43.06 -0.8
 Sg 44 46.44
 COLF 0.47 144 Pg 44 47.29 -0.6
 Sg 44 54.54
 MAF 0.61 302 Pg 44 49.80 -0.9
 LBL 0.67 184 Pg 44 50.76 -0.9
 BGF 0.74 334 Pg 44 52.30 -0.5
 Sg 45 02.50
 SMF 0.83 26 Pg 44 54.00 -0.6
 Sg 45 05.20
 TCF 0.86 298 Pg 44 54.30 -0.7
 AVF 0.89 2 Pg 44 55.40 -0.2
 Sg 45 07.20
 SSF 1.17 7 Pg 45 08.50 0.2
 Sg 45 15.80
 LBF 1.18 23 Pg 45 08.90 0.4
 Sg 45 16.30
 LSF 1.29 287 Pg 45 02.40 0.1
 Sg 45 18.30
 CAF 1.31 223 Pg 45 03.00 0.4
 Sg 45 19.30
 RJF 1.39 245 Pg 45 04.30 0.5
 Sg 45 21.30
 LOR 1.42 15 Pg 45 05.20 0.9
 Sg 45 23.30
 HYF 1.45 342 Pg 45 05.60 0.9
 Sg 45 24.20
 LPO 1.93 232 Pg 45 14.00 2.4
 Sg 45 37.00
 MFF 2.50 288 Pg 45 25.40 5.7X
 Sg 45 55.70
 S.D. = 0.9 on 17 of 18 obs.

% SEP 08, 1992 04h 52m 15.40±1.27s
 32.888 S ± 11.4km 70.162 W ± 17.5km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 4.0 (SAN).

JACH 0.42 299 iP+ 52 31.86 -0.2
 iS 52 45.29
 FCH 0.45 194 iPd 52 32.39 -0.2
 iS 52 46.21
 PEL 0.51 240 iP 52 32.76 0.2
 iS 52 46.68
 SAN 0.70 217 iPd 52 34.17 0.1
 iS 52 49.56
 ROCH 0.72 263 iP+ 52 34.70 0.3
 iS 52 50.19
 PCH 0.79 202 iPd 52 34.94 0.0
 iS 52 51.23
 TACH 1.00 220 iPd 52 37.09 0.2
 iS 52 54.62
 CHCH 1.12 201 iPd 52 38.24 0.0
 iS 52 57.69
 CACH 1.28 197 iPd 52 40.33 0.2
 iS 53 00.85
 LCCH 1.32 243 iPd 52 40.56 0.2

iS 53 00.57
 LNV 1.49 224 iP 52 41.72 -0.7
 iS 53 03.11
 S.D. = 0.3 on 11 of 11 obs.

SEP 08, 1992 05h 41m 42.34±0.25s
 4.013 N ± 4.4km 82.597 W ± 3.3km
 DEPTH = 10.0km (geophysicist)
 5.2mb (51 obs.) 4.5Msz (4 obs.)
 SOUTH OF PANAMA (83)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 16S, 24C
 Centroid Location:
 Origin Time 05:41:39.8 1.3
 Lat 3.47N 0.13 Lon 82.52W 0.09
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor; Scale 10¹⁶ Nm
 Mrr=0.66 0.45 Mtt=0.69 0.63
 Mff=-1.35 0.90 Mrt=0.47 1.83
 Mrf=2.65 2.40 Mtf=7.49 0.38
 Principal Axes:
 T Val= 7.86 Plg=16 Azm=317
 N 0.37 70 174
 P -8.23 11 50
 Best Double Couple: Mo=8.0±10¹⁶
 NP1: Strike= 94 Dip=71 Slip= 4
 NP2: 3 87 161

BOG 8.53 86 eP 43 51.00 1.8
 eS 45 26.00
 BMG 9.95 72 iPd 44 09.00 0.4
 SDV 12.83 67 iPd 44 47.80 -0.1
 TOV 13.94 65 eP 45 01.60 -0.8
 TPX 14.41 319 (P) 44 59.50 -9.0X
 CAR 16.82 67 eP 45 39.00 -0.8
 NNA 16.89 160 iP 45 42.50 1.9
 1.2s 93.75nm 4.8mb
 PBJ 17.63 315 (P) 45 49.00 -0.8
 OXX 18.99 314 (P) 46 07.50 0.7
 MGP 20.59 46 P 46 24.20 -0.1
 IISM 20.74 317 (P) 46 26.50 0.7
 PORP 20.95 47 P 46 28.20 0.2
 LRS 20.95 46 P 46 26.40 -1.7
 CLLP 21.01 47 P 46 29.60 1.0
 APR 21.14 46 P 46 30.00 0.1
 SJG 21.34 48 P 46 32.70 0.7
 IIT 21.40 315 (P) 46 34.50 1.6
 CPD 21.47 48 P 46 33.00 -0.3
 LPR 21.67 48 P 46 36.80 1.4
 III 21.82 312 (P) 46 37.50 0.4
 TPM 21.91 314 (P) 46 37.00 -0.9
 UNM 22.22 315 (P) 46 43.50 2.3
 ARE 23.12 152 eP 46 51.00 1.0
 SLB 23.40 64 eP 46 52.16 -0.3
 BIM 23.64 62 eP 46 55.62 0.8
 MGH 23.66 56 eP 46 55.00 0.1
 FDF 23.66 62 eP 46 55.57 0.6
 PAG 23.77 58 eP 46 56.03 -0.1
 MVM 23.81 62 eP 46 58.70 2.2
 CRM 23.88 62 eP 46 58.40 1.4
 MRX 23.92 312 (P) 47 01.00 3.6X
 MGG 24.03 59 eP 46 58.40 -0.1
 DEG 24.43 58 eP 47 02.89 0.4
 ZOBO 24.73 145 Pc 47 05.20 -0.8
 Z 20s 1.58um 4.5Msz
 S 51 38.00
 LR 54 44.00
 LPB 24.94 145 P 47 07.90 0.0
 1.1s 632.91nm 6.2mb X
 S 51 46.00
 LR 56 16.00

CNCB 25.23 145 iPc 47 10.40 -0.4
 COLM 25.52 308 (P) 47 16.00 3.0X
 CCH 26.75 143 (P) 47 23.00 -1.6
 SGS 29.10 4 eP 47 45.66 0.4
 SIV 29.13 134 P 47 44.80 -1.1
 PRM 29.92 0 eP 47 52.42 -0.3
 JSC 30.14 2 eP 47 54.29 -0.4
 LHS 30.36 3 eP 47 54.56 -2.0
 TKL 31.51 358 eP 48 05.04 -1.7
 GBTN 31.53 357 eP 48 06.11 -0.8
 CEH 31.89 5 eP 48 09.47 -0.5
 1.3s 45.31nm 5.2mb
 UYO 31.97 341 iPd 48 10.40 -0.4
 OLY 32.39 346 eP 48 12.60 -1.8
 NAV 33.19 3 eP 48 21.44 0.1

08d 05h

VVO	33.46	340	eP	48	23.20	-0.5	SVW	78.33	332	eP	53	42.75	-1.5	GUN	146.37	19	PKP	01	25.62	0.6
RLO	33.98	342	eP	48	27.30	-1.0		0.7s					4.9mb	DMN	146.40	20	PKP	01	25.46	0.5
			e	48	30.10		GUD	78.63	50	eP	53	46.50	0.1	PKI	146.54	20	PKP	01	25.40	0.1
			e	48	34.90		TOL	78.65	50	ePc	53	47.00	0.6	GYA	148.41	344	PKP	01	31.40	3.4X
SIO	34.02	340	e(P)	48	25.50	-3.1X	ECOG	78.85	53	eP	53	48.00	0.3	CGP	150.10	295	ePKP	01	37.50	6.8X
RRO	34.52	337	iPc	48	32.50	-0.4	EHUE	79.66	52	eP	53	52.00	0.0	KMI	150.58	350	ePKP	01	36.50	5.0X
FVM	34.56	349	eP	48	31.70	-1.5	EVIA	79.77	52	eP	53	52.80	0.2	S.D. = 1.0 on 153 of 169 obs.						
	1.3s	25.68nm			5.0mb		ENIJ	79.92	53	eP	53	52.80	-0.6	? SEP 08, 1992 05h 59m 41.32±0.87s						
ACO	35.91	337	iPc	48	44.70	-0.1	ETOR	80.23	49	eP	53	55.50	0.5	36.693 N ±12.2km 71.827 E ± 8.6km						
LVNJ	37.31	10	eP	48	56.92	0.5	LPF	81.38	42	iPc	54	00.60	-0.2	DEPTH = 33.0km (normal)						
PNJ	37.51	11	iP	48	59.00	0.9		1.0s	15.60nm			5.0mb	AFGHANISTAN-TAJIKISTAN BORD REG.(717)							
TBR	37.72	10	eP	48	59.86	-0.1	GRR	81.53	42	iPc	54	01.50	0.0	KSH	4.28	49	PKP	00	46.00	0.0
ALQ	37.89	327	iPc	49	03.34	1.6		1.0s	18.20nm			5.1mb	MAIO	9.94	271	eP	02	05.00	0.0	
	0.9s	59.45nm			5.4mb		EGRA	81.60	48	eP	54	06.80	4.8X			eS	03	46.00		
JFWS	39.33	351	eP	49	12.16	-1.2	FLN	81.80	41	eP	54	02.00	-0.9	GKN	13.86	125	P	02	57.80	0.0
	1.1s	27.80nm			4.8mb			1.2s	21.70nm			5.1mb	KKN	14.42	124	P	03	05.40	0.1	
HRV	39.57	13	eP	49	15.73	0.3	Z	20s	0.20um			4.5MsZ	DMN	14.43	125	P	03	06.40	1.0	
	0.8s	11.90nm			4.6mb		MFF	81.91	44	iPc	54	03.60	0.0	PKI	14.65	125	P	03	08.40	0.0
PPD	40.08	132	eP	49	10.60	-9.3X		1.2s	30.35nm			5.3mb	GUN	14.75	122	P	03	08.40	-1.2	
RSNY	40.99	9	eP	49	27.57	0.5	LDF	82.03	42	eP	54	04.30	0.2	S.D. = 0.8 on 7 of 7 obs.						
	0.8s	14.14nm			4.7mb			1.3s	47.30nm			5.4mb	% SEP 08, 1992 06h 53m 23.09±2.73s							
GLD	41.05	333	eP	49	30.00	2.2	EPF	82.11	47	eP	54	05.30	0.5	34.035 S ±12.7km 70.100 W ±15.6km						
	1.3s	75.86nm			5.3mb		LPO	82.78	46	iPc	54	08.10	0.0	DEPTH = 10.0km (geophysicist)						
GOL	41.07	333	ePd	49	29.44	1.3		1.0s	20.40nm			5.2mb	CHILE-ARGENTINA BORDER REGION (127)							
	1.2s	51.94nm			5.1mb		RJF	83.02	45	eP	54	09.40	0.0	MD 3.8 (SAN).						
BNH	41.63	12	eP	49	32.19	-0.1	Z	20s	0.15um			4.4MsZ	CACH	0.42	259	iPd	53	31.83	0.1	
GLA	41.72	318	eP	49	33.88	0.7		1.1s	16.35nm			5.1mb	CHCH	0.47	282	iPd	53	32.82	0.2	
EEO	42.57	4	eP	49	42.00	2.0	CAF	83.40	45	eP	54	11.40	0.0			iS	53	39.56		
EMM	42.68	16	eP	49	41.18	0.3		1.2s	15.45nm			5.1mb	PCH	0.54	320	iP+	53	34.12	0.1	
SRU	43.16	328	iPc	49	45.76	0.6	LSF	83.06	44	eP	54	09.30	-0.3			iS	53	41.66		
PLM	43.27	317	eP	49	46.05	-0.1		1.1s	16.35nm			5.1mb	FCH	0.72	347	iP+	53	37.37	-0.2	
MSU	43.64	326	iPc	49	49.78	0.7	CAF	83.40	45	eP	54	11.40	0.0			iS	53	47.59		
PEC	43.79	317	eP	49	50.28	0.2	TCF	83.53	44	eP	54	11.70	-0.3	SAN	0.75	321	iP	53	37.41	-0.3
	1.9s	32.28nm			4.8mb			1.3s	19.15nm			5.1mb	TACH	0.79	298	iPd	53	38.73	0.2	
EMUT	43.83	328	ePc	49	51.26	0.6	MAF	83.78	44	eP	54	13.20	0.0			iS	53	49.38		
ARUT	43.86	324	ePc	49	51.88	1.0	BGF	83.97	44	eP	54	14.20	0.0	PEL	1.01	331	iP	53	42.30	0.0
RSSD	44.19	338	eP	49	54.69	1.2		1.3s	26.00nm			5.3mb			iS	53	56.52			
	0.7s	25.68nm			5.2mb		AVF	84.32	44	eP	54	15.50	-0.4	LVN	1.09	274	iPd	53	43.30	-0.3
LMN	44.47	18	eP	49	59.00	3.5X		1.3s	23.85nm			5.3mb			iS	53	57.72			
DAU	44.50	329	ePc	49	56.70	0.6	SSF	84.43	43	eP	54	16.20	-0.3	ROCH	1.30	324	iP	53	47.36	0.0
TPNV	45.02	321	eP	50	01.87	1.6		1.3s	18.05nm			5.1mb			iS	54	05.21			
	0.8s	8.88nm			4.7mb		SMF	84.66	44	eP	54	17.30	-0.4	LCCH	1.35	294	iP+	53	47.81	0.0
BW06	45.43	332	eP	50	03.00	-0.5		1.3s	27.80nm			5.3mb	JACH	1.41	343	iP	53	49.23	0.3	
	1.3s	20.49nm			4.9mb		LOR	84.67	43	eP	54	17.40	-0.3			iS	54	07.93		
ITR	45.83	106	eP	50	04.00	-2.8		1.4s	21.80nm			5.2mb	S.D. = 0.2 on 11 of 11 obs.							
		e			50.16.00		ENN	85.98	40	eP	54	24.00	-0.1	* SEP 08, 1992 06h 54m 06.06±2.88s						
HVU	46.28	329	eP	50	09.90	-0.2		1.0s	17.00nm			5.2mb	49.145 N ±19.7km 6.748 E ±11.9km							
TNP	46.33	322	ePc	50	10.85	0.3	HAU	86.34	42	eP	54	26.00	0.0	DEPTH = 10.0km (geophysicist)						
	0.9s	14.88nm			5.0mb			1.1s	19.55nm			5.2mb	GERMANY (543)							
BCH	46.51	317	P	50	12.80	0.9	Z	20s	0.17um			4.5MsZ	ML 2.4 (STR).							
PTI	46.87	330	eP	50	14.99	0.3	WTS	86.50	38	eP	54	27.00	0.3	LANF	0.71	103	Pg	54	20.12	0.0
BONR	46.93	321	ePc	50	15.99	0.5		1.0s	27.00nm			5.4mb	CDF	0.81	154	Pg	54	21.93	0.1	
HHA1	47.18	330	ePd	50	17.32	0.2			e			54.33.50				Sg	54	34.00		
ULM	47.42	348	eP	50	20.50	1.7	LRG	86.51	47	eP	54	27.40	0.5	WLS	0.84	151	Pg	54	22.08	-0.2
LCCM	48.85	333	eP	50	30.30	0.1		1.2s	35.70nm			5.4mb			Sg	54	34.59			
ORV	49.89	321	eP	50	37.32	-0.8	LMR	86.62	47	eP	54	28.50	1.0	ECH	0.97	164	Pg	54	24.80	0.3
JAQ	49.95	5	eP	50	36.00	-2.3		1.4s	43.55nm			5.5mb			Sg	54	38.83			
LBFM	51.17	322	ePc	50	47.34	-0.7	BSF	86.64	42	eP	54	27.20	-0.4	VITF	1.06	209	Pg	54	26.04	0.0
SES	52.06	337	ePc	50	53.80	-0.7		0.7s	10.45nm			5.2mb			Sg	54	40.75			
NEW	53.06	332	eP	51	00.00	-2.0	LPL	86.70	45	eP	54	28.80	0.7	MOF	1.32	169	Pg	54	30.10	-0.4
	1.5s	53.94nm			5.3mb			1.1s	17.10nm			5.2mb	FEL	1.52	146	Pg	54	33.66	0.2	
VGB	53.07	327	eP	51	01.99	-0.1		1.2s	18.15nm			5.2mb	S.D. = 0.3 on 7 of 7 obs.							
DPW	53.31	331	ePc	51	03.20	-0.6	LPG	86.71	45	eP	54	29.00	0.7	& SEP 08, 1992 06h 54m 20.94s						
LON	54.41	328	eP	51	10.50	-1.4	FRF	86.72	47	eP	54	29.00	1.1	63.119 N 150.971 W						
FCC	55.33	353	eP	51	21.50	3.1X		1.3s	50.20nm			5.6mb	DEPTH = 129.6km							
YKA	62.98	344	eP	52	09.40	-1.9	CDF	86.94	42	eP	54	29.00	-0.1	CENTRAL ALASKA (1)						
	0.9s	10.20nm			5.0mb			1.2s	27.35nm			5.4mb	<AEIC>.							
KLU	73.99	334	P	53	19.72	-0.1	CLL	90.40	39	iP	54	48.00	2.7	KTH	0.44	3	eP	54	39.64	-0.3
MBC	75.00	351	eP	53	25.00	-0.3	KHC	91.04	41	eP	54	48.50	0.2	TRF	0.45	43	iP	54	39.76	-0.4
	0.9s	30.00nm			5.3mb		BRG	91.05	39	eP	54	49.00	0.7			eS	54	53.77		
									e			54.55.60				eS	54	40.94	-0.1	
SLKM	75.62	332	eP	53	26.87	-2.3						54.55.60		CUT	0.79	155	eP	54	41.68	-0.5
K																				

SKT	1.17	193	eP	55 03.26	-0.4
PWA	1.56	160	eP	54 45.39	-0.1
GHO	1.65	144	iP	55 03.54	-0.4
SUA	1.66	176	eP	54 49.93	-0.1
PLRM	1.76	150	eP	54 50.85	-0.4
SML	1.80	136	iP	54 52.03	0.6
NCG	1.81	198	iP	54 51.43	-0.9
WRH	1.87	42	eP	54 52.06	-0.8
CGLM	1.88	195	eP	55 16.62	-0.3
MLY	1.92	3	eP	54 52.77	-0.9
CRP	1.94	197	eP	54 52.74	-0.9
CPKM	1.95	198	eP	54 54.16	0.2
BGL	1.98	200	eP	54 53.70	-0.7
CKN	1.99	197	eP	54 55.01	0.3
PMS	1.99	160	eP	54 53.53	-1.5
SPU	2.01	195	eP	54 55.62	0.5
CKL	2.03	199	iP	54 56.23	1.0
CCB	2.08	41	iP	54 54.73	-0.6
KNK	2.08	144	eP	55 20.52	0.3
SCM	2.13	126	eP	54 55.77	0.1
BKG	2.14	197	eP	54 55.98	0.1
HDA	2.20	52	eP	54 55.27	-1.0
TTA	2.31	268	eP	54 55.34	-1.0
TOA	2.44	113	iP	54 56.08	-0.9
PTE	2.44	157	eP	54 56.99	-0.2
GLM	2.45	38	eP	54 56.89	-1.0
PAX	2.51	91	eP	54 58.13	-1.1
DJE	2.54	67	eP	55 00.41	-0.5
SDG	2.56	101	eP	54 59.85	-1.0
RDT	2.64	196	eP	55 00.12	-0.9
SLKM	2.64	172	eP	55 01.48	-0.4
DFR	2.66	199	eP	55 03.53	1.4
NCT	2.73	201	eP	55 01.87	-0.6
MPA	2.75	163	iP	55 04.35	0.8
RS1	2.80	198	eP	55 02.92	-0.6
KLU	2.87	122	iP	55 03.50	-0.4
GLI	2.90	139	iP	55 04.73	0.0
VLZ	2.95	130	eP	55 03.87	-1.0
SEW	3.11	166	eP	55 07.23	1.5
DOT	3.16	77	eP	55 04.80	-1.7
KNIM	3.18	150	eP	55 05.33	-1.5
FID	3.19	136	eP	55 05.08	-2.4
BRLK	3.37	179	eP	55 08.68	-0.9
LTI	3.43	153	eP	55 08.98	-1.3
HIN	3.46	140	eP	55 08.45	-2.1
MTU	3.52	152	eP	55 09.11	-1.5
CNPM	3.61	182	iP	55 12.65	-0.4
GLB	3.74	113	iP	55 05.21	-8.6
SGAM	3.79	131	eP	55 12.48	-1.8
RAGM	4.06	130	eP	55 13.54	-1.5

56 obs. associated

% SEP 08, 1992 06h 55m 28.59±2.10s
 15.722 N ±23.6km 96.359 W ±7.9km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF OAXACA, MEXICO (66)

PBJ	1.16	52	(P)	55 50.00	-0.3
OXX	1.40	346	iP	56 04.50	-0.3
IISM	3.39	343	eP	55 54.00	-0.3
ACX	3.55	289	eP	56 10.50	-0.9
SCX	3.72	74	eP	56 26.00	3.4X
IIT	3.77	331	eP	57 04.00	-0.9
III	3.98	312	eP	56 24.00	-0.9
TPX	4.04	101	(P)	56 27.50	0.2
TPM	4.14	322	(P)	56 27.00	-1.3
UNM	4.49	324	(P)	56 33.00	1.9X
MRX	6.07	311	(P)	57 16.50	-0.9

S.D. = 1.2 on 7 of 11 obs.

% SEP 08, 1992 07h 00m 27.86±0.81s
 44.463 N ±4.7km 6.214 E ±11.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.2 (LDG).

CDR	0.85	202	eP	00 44.70	0.4
FRF	0.95	161	Pg	00 57.00	0.1

LRG	1.01	174	Pg	00 59.70	-0.2
SBF	1.06	124	Pg	00 46.80	-0.2
LPG	1.10	20	Pg	01 01.00	0.4
LPL	1.12	19	Pg	00 48.30	-0.2
LMR	1.15	169	Pg	01 04.20	0.1
			Pg	00 48.60	-0.5
			Pg	01 03.70	-0.5
			Pg	00 49.00	-0.5
			Pg	01 05.00	-0.5

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

% SEP 08, 1992 07h 06m 09.82±0.88s
 16.009 N ±6.6km 61.022 W ±10.2km
 DEPTH = 29.8 ± 6.6 km
 LEEWARD ISLANDS (92)
 ML 3.0 (FDF).

MGG	0.30	252	iPd	06 17.40	0.2
DEG	0.30	353	iPc	06 17.24	-0.1
PAG	0.63	272	ePd	06 22.00	-0.3
CRM	1.25	175	iPc	06 22.08	-0.3
FDF	1.27	186	eP	06 29.90	-0.1
MGH	1.35	302	eP	06 31.29	-0.1
MVM	1.45	175	iPc	06 46.40	-0.3
BIM	1.48	182	eP	06 31.42	-0.3
			S	06 46.70	0.3
			S	06 50.70	0.2
			S	06 52.60	0.2
			S	06 53.50	0.2

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

% SEP 08, 1992 10h 13m 32.77±0.72s
 43.111 N ±8.2km 0.621 W ±4.9km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)
 ML 1.0 (STR).

ESCF	0.05	133	Pg	13 34.29	-0.7
ATE	0.06	247	Pg	13 34.68	-0.4
OGE	0.12	62	Pg	13 36.11	0.3
MADF	0.15	284	Pg	13 38.93	0.0
ISSF	0.15	237	Pg	13 36.28	0.0
JAU	0.20	111	Pg	13 39.56	0.3
LHE	0.20	180	Pg	13 39.73	0.1
			Pg	13 37.32	0.4
			Pg	13 37.61	0.4

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

% SEP 08, 1992 10h 35m 20.25s
 61.616 N 150.268 W
 DEPTH = 55.6km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).

PWA	0.19	79	P	35 29.20	0.0
SUA	0.27	236	iPc	35 37.10	-0.1
PMS	0.50	137	P	35 29.88	-0.1
PLRM	0.54	92	iPc	35 38.48	-0.4
PMR	0.54	92	iPc	35 31.70	-0.6
GHO	0.66	76	iPc	35 31.80	-0.6
SKT	0.70	302	iPc	35 41.27	-0.9
CUT	0.79	360	iPd	35 33.55	-0.9
CGLM	0.89	250	ePc	35 44.44	-0.8
KNK	0.89	102	iPc	35 46.56	-0.6
NCG	0.93	258	iPc	35 36.33	-0.5
SML	0.94	77	iPc	35 36.42	-0.5
SPU	0.96	244	ePc	35 49.42	-0.6
PTE	0.96	141	iPd	35 36.84	-0.9
CRP	0.97	250	iPc	35 49.51	-0.8
			S	35 37.01	-0.9
			S	35 36.91	-0.9
			S	35 50.56	-1.3
			S	35 36.80	-1.3
			S	35 50.68	-1.3

NKA	0.99	209	ePc	35 39.25	1.1
CKN	1.00	248	iPc	35 37.87	-0.5
CPKM	1.01	250	iPc	35 37.76	-0.9
BGL	1.08	252	iPc	35 38.71	-0.8
CKL	1.08	248	iPc	35 38.62	-0.9
BKG	1.11	241	iPc	35 38.90	-0.9
SLKM	1.11	179	iPd	35 54.62	-1.2
MPA	1.21	158	iPd	35 38.68	-1.2
HUR	1.40	12	eP	35 53.72	-0.5
SCM	1.42	80	iPc	35 40.01	-1.2
RDT	1.47	226	iPc	35 56.03	-0.5
DFR	1.56	230	iPc	35 43.28	-0.5
SEW	1.57	165	ePc	36 01.30	-1.1
REF	1.64	227	iPc	35 43.04	-1.0
RDN	1.64	229	eP	35 43.89	-1.0
NCT	1.67	232	iPc	36 02.49	-1.0
RS2	1.68	227	iPc	35 45.12	-1.0
RSO	1.67	227	iPc	35 44.43	-1.7
RS1	1.68	227	iPc	35 46.56	-0.7
RDW	1.68	229	iPc	35 46.15	-1.2
GLI	1.70	114	iPc	36 07.00	-0.9
KNIM	1.77	135	ePd	35 46.79	-0.9
TRF	1.84	360	iPd	35 46.91	-0.9
VZW	1.88	106	ePc	35 46.91	-0.9
BRLK	1.88	190	eP	35 46.96	-0.9
RND	1.91	19	eP	35 46.97	-0.9
VLZ	1.96	103	iPc	35 46.06	-2.0
KTH	1.97	351	eP	35 46.11	-2.9
TOA	2.00	74	P	35 48.83	-1.3
FID	2.03	114	eP	35 48.48	-2.0
MTU	2.08	141	eP	35 48.98	-1.6
HOM	2.08	200	eP	35 50.13	-0.9
KLU	2.09	91	iPc	35 49.40	-2.1
CNPM	2.15	193	ePd	35 50.68	-1.1
HIN	2.20	122	eP	35 51.70	-0.6
MCK	2.21	16	ePc	35 50.03	-2.6
XLV	2.28	199	P	35 50.87	-2.4
TZL	2.34	77	ePc	35 52.46	-0.8
SDG	2.40	66	eP	35 52.54	-1.8
CVA	2.44	114	P	35 52.88	-2.2
OPT	2.45	218	iPd	35 54.81	-0.4
PAX	2.62	57	eP	35 56.70	0.5
SVW	2.63	261	iPc	35 56.17	-0.8
PDB	2.66	228	iPc	35 56.68	-1.2
SGAM	2.70	112	eP	36 00.30	1.9
AUL	2.73	216	eP	35 57.88	-0.7
AUE	2.74	216	eP	36 00.14	-0.9
AUW	2.75	217	ePc	35 58.45	-2.6
TTA	2.99	299	eP	35 59.54	-2.0
GLB	3.10	98	ePc	35 59.14	-3.0
MCNL	3.17	221	eP	36 01.60	-1.0
CDD	3.18	213	ePd	36 01.25	-1.3
HDA	3.18	27	eP	36 02.00	-0.9
HMT	3.20	111	eP	36 03.00	-3.3
SYI	3.20	200	eP	36 05.44	-2.4
BGM	3.32	230	eP	36 06.65	-2.1
MLY	3.44	357	eP	36 07.14	-1.8
FBA	3.48	18	eP	36 07.18	-1.8
CROM	3.56	101	eP	36 07.95	-1.3
TGL	3.70	100	eP	36 07.85	-1.3
WAX	3.79	105	eP	36 08.46	-2.4
BALM	3.86	95	eP	36 10.07	-2.5

77 obs. associated

? SEP 08, 1992 11h 25m 34.99±6.00s
 39.422 N ±42.8km 29.629 E ±25.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

DST	0.80	284	ePg	25 49.30	-1.2
YLV	1.16	350	ePn	26 02.30	-0.9
EYL	1.21	19	ePn	25 55.80	-0.9
KCT	1.28	311	iPn	25 57.80	0.2
BNT	1.61	306	ePn	25 59.30	0.5
			ePn	26 05.00	1.4

S.D. = 1.5 on 5 of 5 obs.

SEP 08, 1992 11h 31m 46.21±0.14s
 16.839 S ±5.0km 173.312 W ±4.4km
 DEPTH = 95.4km (5 depth phases)

08d 11h

5.5mb (64 obs.)
 TONGA ISLANDS (173)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.8.: 23S, 42C
 Centroid Location:
 Origin Time 11:31:44.1 1.2
 Lat 16.40S 0.10 Lan 173.11W 0.05
 Dep 15.0 FIX Half-duration 1.3
 Moment Tensor: Scale 10**17 Nm
 Mrr=-1.68 0.05 Mtt=-0.90 0.08
 Mff=-0.79 0.09 Mrt=-0.11 0.21
 Mrf=-0.53 0.18 Mtf= 0.72 0.04
 Principal Axes:
 T Vol= 1.82 Plg=76 Azm=114
 N -0.23 13 316
 P -1.59 5 224
 Best Double Couple: Ma=1.7*10**17
 NP1:Strike=300 Dip=42 Slip= 70
 NP2: 147 51 107

VUN	7.94	260	ePd	33	42.40	1.7	SWI	56.79	280	ePd	41	22.50	-0.7	III	80.63	68	(P)	43	51.00	0.5
SVA	7.96	260	ePc	33	43.00	2.0	COOL	60.80	244	eP	41	47.00	-3.8X	TTA	80.66	8	eP	43	46.67	-2.9
RAR	13.52	111	P	34	46.00	-9.3X	M8L	62.96	254	eP	42	02.10	-3.1X		1.1s	21.84nm			4.9mb	
			S	37	16.00			0.3s	12.00nm				5.3mb	HVU	80.72	41	eP	43	48.77	-1.8
PVC	17.57	264	iP	35	46.70	0.2	MEEK	63.36	248	eP	42	05.30	-2.6	SRU	80.80	44	ePc	43	50.23	-0.8
BKM	17.64	265	iPd	35	47.50	0.2	KLB	63.65	243	eP	42	07.20	-2.5	EMUT	80.96	44	eP	43	51.04	-0.9
DZM	19.78	252	iPc	36	06.10	-5.4X	RKG	64.08	239	eP	42	11.50	-1.0	DAU	80.98	43	eP	43	50.47	-1.7
KUZ	22.08	204	eP	36	33.80	-0.6	BAL	64.63	244	eP	42	13.00	-3.1X	DPW	81.03	34	eP	43	51.03	-0.8
URZ	22.94	200	eP	36	40.90	-1.8	MUN	64.93	242	eP	42	16.50	-1.5	KLU	81.06	13	eP	43	49.97	-1.8
NOZ	22.98	198	eP	36	43.80	0.6	MRWA	65.38	245	eP	42	18.00	-2.9	NJ2	81.10	307	Pd	43	53.00	0.6
WLZ	23.11	203	P	36	45.50	1.0	CGP	66.25	287	iPc	42	26.00	-0.6		1.0s	45.00nm			5.3mb	
	0.6s	45.00nm			5.0mb		NANU	66.69	252	iPc	42	28.00	-1.3	PV10	81.45	46	iP	43	54.90	0.4
PGZ	25.35	199	eP	37	03.40	-2.4		0.5s	65.00nm				5.8mb		pP			44	16.80	82kmX
	0.7s	87.00nm			5.3mb		CSY	69.15	205	P	42	45.50	1.6	BALM	81.48	15	eP	43	52.42	-1.6
MNG	25.61	200	eP	37	06.60	-1.6	MAT	70.09	320	(P)	42	48.00	-2.1		pP			44	19.10	102km
	0.7s	65.00nm			5.2mb		1.4s	27.91nm				4.9mb	PTI	81.56	41	eP	43	54.44	-0.4	
ORZ	26.86	204	P	37	19.10	-0.5	Z	20s	1.42um			5.2MsZ	ALQ	81.66	50	eP	43	55.73	0.1	
	0.7s	211.00nm			5.8mb		SMY	70.13	352	P	43	00.00	10.1X		1.1s	38.08nm			5.2mb	
HNR	27.04	282	eP	37	23.00	1.5		Z	20s	2.60um		5.5MsZ		pP			44	25.20	114kmX	
SVO	27.25	283	P	37	26.00	2.5	PRS	72.13	42	ePc	43	01.73	-0.6	HHA1	81.78	40	eP	43	56.01	0.1
THZ	27.52	203	eP	37	24.00	-1.7	GCC	72.16	41	ePc	43	01.36	-1.1	NEW	81.84	34	eP	43	54.79	-1.3
DSZ	27.93	204	eP	37	28.00	-1.4	PCC	72.21	40	iPc	43	01.71	-1.0		1.3s	58.49nm			5.3mb	
	0.7s	124.00nm			5.6mb		BCH	72.27	44	eP	43	02.55	-0.8		pP			44	19.90	95km
LTZ	28.64	202	P	37	32.40	-3.4X	SAO	72.34	42	eP	43	02.45	-1.2	IIT	81.88	67	(P)	43	58.50	1.4
	e				22kmX		PRI	72.47	42	ePc	43	04.04	-0.4	CN2	82.24	320	iPd	43	58.20	0.1
MOZ	29.31	201	eP	37	42.30	0.6	NWRM	72.50	39	eP	43	03.51	-0.9		0.8s	25.00nm			5.1mb	
8WZ	31.03	204	eP	37	54.60	-2.2	BKS	72.54	40	ePc	43	03.94	-0.8	Z	24s	0.97um			5.1MsZ	
	0.7s	36.00nm			5.2mb		ARN	72.65	41	eP	43	04.88	-0.5	SNY	82.39	318	Pc	43	59.00	0.1
ODZ	31.18	202	eP	37	59.50	1.3	ABL	72.65	44	eP	43	04.57	-1.2		0.9s	24.00nm			5.1mb	
	0.7s	51.00nm			5.4mb		SDN	72.71	8	eP	43	02.56	-2.7	Z	30s	0.67um			4.8MsZ	
ARMA	34.70	241	iPd	38	26.90	-2.1		0.6s	51.04nm			5.5mb	AIA	82.55	156	eP	44	01.30	1.9	
	0.3s	28.00nm			5.6mb		Z	20s	1.59um			5.3MsZ	OXX	82.62	70	(P)	44	02.50	1.6	
RMQ	36.42	248	iPd	38	40.60	-2.9	PKEM	72.78	43	(P)	43	06.13	0.0	IISM	82.70	68	(P)	44	02.50	1.5
	0.4s	19.00nm			5.4mb		FOX	73.17	37	ePc	43	08.21	-0.1	BW06	83.28	42	iPc	44	01.80	-2.1
CNB	37.96	234	iPc	38	54.40	-2.0	KKM	73.25	282	ePc	43	08.60	-0.8		0.9s	48.73nm			5.4mb	
	0.3s	18.00nm			5.5mb		SPA	73.27	180	iPc	43	10.60	1.8	LCCM	83.44	38	eP	44	03.70	-0.8
CAN	38.24	234	eP	38	55.80	-2.9		1.0s	105.00nm			5.6mb	P8J	83.59	71	(P)	44	06.00	0.4	
BWA	38.42	235	eP	38	55.30	-4.9X	PLM	73.41	47	eP	43	08.66	-1.5	FBA	83.79	11	eP	44	03.87	-1.8
CTA	38.42	259	P	38	58.29	-2.1	PEC	73.51	46	(P)	43	09.04	-1.4		0.7s	48.56nm			5.6mb	
PMG	39.14	276	eP	39	05.00	-1.4		0.7s	13.62nm			4.9mb	TIA	84.20	310	Pd	44	08.70	0.4	
CMS	39.79	241	iPd	39	09.30	-2.2	FRI	73.59	42	ePc	43	09.83	-1.0	Z	1.2s	81.00nm			5.5mb	
	0.7s	97.00nm			5.8mb		ISA	73.62	44	eP	43	09.62	-1.5		Z	23s	0.80um			5.0MsZ
LAT	40.07	280	eP	39	14.50	0.5		1.1s	64.47nm			5.4mb	KGM	84.23	274	ePd	44	10.10	1.1	
OLP	40.46	249	iPd	39	14.40	-2.7	ORV	74.03	39	ePc	43	12.13	-1.2	GOL	84.59	46	eP	44	10.59	0.1
	0.3s	67.00nm			6.0mb		MIN	74.46	39	ePc	43	14.39	-1.6		1.1s	51.43nm			5.4mb	
HON	40.79	22	P	39	30.00	10.3X	L8FM	74.92	38	ePc	43	17.93	-0.8	Z	20s	1.00um			5.2MsZ	
	Z	21s	1.43um		4.8MsZ		TPNV	75.83	44	eP	43	22.86	-1.1	GLD	84.71	46	eP	44	12.19	1.1
TOO	41.64	232	iPd	39	24.70	-2.0		0.9s	31.21nm			5.2mb		1.3s	96.55nm			5.6mb		
	0.5s	43.00nm			5.5mb		Z	22s	2.97um			5.6MsZ	SES	86.33	35	eP	44	18.00	-0.7	
MDG	41.67	281	e(P)	39	27.00	-0.2	KVN	75.83	41	eP	43	23.25	-0.7		0.9s	186.00nm			6.1mb	
MNDI	43.39	279	eP	39	41.00	-0.4	TNP	75.83	42	ePc	43	23.15	-0.9	MAW	86.46	199	iPc	44	20.20	1.1
STK	43.41	241	iPd	39	39.40	-1.7		0.9s	66.29nm			5.5mb		1.0s	57.00nm			5.6mb		
	1.1s	33.80nm			5.1mb		KDC	76.29	11	eP	43	24.44	-1.4	BJI	86.52	314	eP	44	20.50	0.8
BFD	43.77	234	eP	39	42.50	-1.5		1.0s	22.03nm			5.0mb	Z	22s	0.49um			4.9MsZ		
ADE	46.31	238	eP	40	02.40	-1.9	BMW	77.49	33	ePc	43	32.33	-0.5	IPM	87.17	276	ePc	44	24.50	1.0
WB2	49.60	258	eP	40	24.70	-5.3X	SHW	77.83	34	eP	43	34.83	0.1		1.0s	99.70nm			5.8mb	
	0.6s	16.60nm			5.2mb		ARUT	78.16	44	ePc	43	36.30	-0.6	RSSD	87.46	42	eP	44	22.75	-1.7
ASPA	49.76	253	iPc	40	28.00	-3.2X	VGB	78.18	35	eP	43	35.55	-1.1		0.9s	24.85nm			5.3mb	
	0.8s	231.80nm			6.2mb		OZH	78.25	301	P	43	37.60	0.2	Z	21s	0.60um			5.0MsZ	
MTN	53.71	266	eP	40	57.00	-3.9X		1.0s	88.00nm			5.6mb	ACO	87.78	51	iPc	44	25.50	-0.4	
FORT	54.85	244	eP	41	05.00	-4.1X	LON	78.41	33	eP	43	36.80	-1.1	TIY	88.24	310	Pc	44	29.00	0.8
WAR8	56.22	249	iPc	41	16.30	-2.7	GMW	78.42	32	eP	43	37.30	-0.6		1.0s	200.00nm			6.1mb	
	0.4s	11.00nm			5.2mb		PGC	78.82	31	ePd	43	39.50	-0.4	Z	22s	3.66um			5.0MsZ	
								0.9s	49.00nm			5.4mb	SNG	88.32	278	eP	44	31.40	2.5	
							REF	78.83	10	eP	43	37.71	-2.3		1.1s	149.37nm			6.0mb	
							RMW	78.87	33	eP	43	39.65	-0.8	GYA	88.79	298	iPc	44	32.80	1.7
							SSE	78.89	307	Pc	43	40.50	-0.2	Z	1.0s	77.00nm			5.8mb	
								1.0s	18.00nm			4.9mb		Z	28s	0.78um			5.0MsZ	
							Z	20s	0.50um			4.8MsZ	XAN	89.54	306	Pc	44	35.00	0.6	
							SVW	78.96	9	eP	43	37.81	-2.8		1.2s	47.00nm			5.5mb	
								0.9s	24.40nm			5.1mb	HHC	90.06	313	P	44	38.20	1.5	
							MCW	79.14	31	eP	43	40.67	-1.1		1.2s	110.00nm			5.9mb	
							SLKM	79.30	11	eP	43	39.88	-2.5	Z	28s	0.59um			4.9MsZ	
							MSU	79.39	44	eP	43	43.63	0.0	YAK	90.44	337	iPd	44	36.30	-1.5
							CPKM	79.64	10	eP	43	42.70	-1.7		1.3s	87.00nm			5.8mb	
							CRP	79.66	10	eP	43	41.66	-2.8	NNT	90.73	283	ePc	44	42.20	2.1
							SIT	80.14	20	P	44	00.00	13.2X	BTO	91.06	312	P	44	41.50	

TLL	92.04	122	eP	44	48.00	1.6			1.0s	300.00nm				HRT	148.94	325	iPKP	51	24.40	3.9X	
KHT	92.42	285	eP	44	49.40	1.5			Z	20s	0.92um		5.6Msz	GPA	148.94	324	ePKP	51	25.00	4.5X	
NVL	92.55	182	iPc	44	47.80	0.2		TRHT	145.36	319	ePKP	51	16.00	1.2	FEL	149.03	358	PKP	51	20.40	-0.1
	1.8s	59.00nm					BRG	145.55	352	iPKPc	51	13.80	-0.8	MOF	149.07	359	PKP	51	20.34	-0.2	
	Z	22s	0.90um			5.2Msz			1.5s	230.00nm			GBZF	149.08	325	iPKPc	51	25.20	4.6X		
	N	24s	0.40um							i	51	25.70		BSF	149.09	360	ePKP	51	21.00	0.4	
		e		45	00.00	40kmX	ABHA	145.62	278	iPKP	51	19.00	2.9X		1.8s	63.00nm					
		e		45	13.00		CLI	145.80	334	iPKPc	51	16.00	0.8	HRI	149.16	307	ePKP	51	21.30	0.2	
CD2	92.63	301	P	44	50.00	1.3	PTT	145.85	336	ePKP	51	16.00	0.7	CSTJ	149.25	303	PKP+	51	24.35	3.1X	
BDT	92.74	287	eP	44	49.80	0.5	SPC	145.90	344	iPKP	51	16.80	1.2	YLV	149.27	325	ePKP	51	24.30	3.2X	
	1.0s	89.70nm				6.1mb	BNS	145.95	359	iPKPc	51	16.30	1.0	WATA	149.32	353	iPKPd	51	21.30	0.3	
OLY	93.18	54	eP	44	50.66	-0.4			1.0s	337.00nm					i	51	25.60				
CHG	93.24	289	iPc	44	53.10	1.4	KART	146.04	321	ePKP	51	16.20	0.1			i	51	39.10			
	0.9s	32.56nm				5.7mb	MOX	146.04	354	ePKP	51	16.50	1.0	KBA	149.35	351	iPKPc	51	20.60	-0.5	
LZH	94.14	306	Pc	44	57.00	1.3			1.4s	297.00nm				1.8s	246.00nm						
	1.5s	70.00nm				5.9mb	UCC	146.07	3	PKP+	51	17.00	1.5			i	51	25.70			
Z	30s	0.60um				4.9MszX	ENN	146.15	1	ePKP	51	16.50	0.9			i	51	34.50			
		pP	45	09.00	39kmX				1.0s	150.00nm					i	55	11.50				
FVM	94.74	52	eP	44	56.70	-1.5	MEM	146.31	1	iPKPc	51	17.18	1.3	MOTA	149.36	354	iPKPd	51	21.40	0.3	
	1.0s	33.78nm				5.7mb	PRU	146.33	351	PKP	51	16.80	0.8		1.4s	263.00nm					
Z	19s	1.72um				5.5Msz			1.1s	227.20nm					i	51	25.80				
ULM	94.99	39	ePd	45	00.60	1.6				i	51	17.80				i	51	32.60			
SLM	95.08	51	P	45	10.00	10.3X				e	51	28.60		CTT	149.37	327	ePKP	51	25.40	4.3X	
	Z	21s	0.82um			5.2Msz				e	52	00.00		WTTA	149.39	353	iPKPd	51	21.70	0.5	
ELC	95.45	53	eP	45	00.41	-1.0				e	52	35.50			1.2s	285.00nm					
JFWS	96.34	47	P	45	20.00	14.7X	SNF	146.35	3	iPKPc	51	17.52	1.6			i	51	26.10			
	Z	22s	0.87um			5.2MszX	CFR	146.49	332	ePKPd	51	17.00	0.7			i	51	37.60			
GTA	98.14	309	iPd	45	13.50	-0.2	VR1	146.57	334	iPKPc	51	18.00	1.5	JARJ	149.42	306	PKPd	51	22.78	1.3	
	1.0s	14.00nm				5.5mb	VRAC	146.63	348	iPKPd	51	17.60	1.2	BBS	149.45	359	PKP	51	21.49	0.4	
Z	26s	0.93um				5.2MszX			2.4s	292.60nm			SQTA	149.47	354	iPKPd	51	21.80	0.6		
FCC	98.77	31	eP	45	18.50	2.7				i	51	18.60			1.4s	243.00nm					
LPB	99.19	110	(P)	45	28.00	8.7X	DOU	146.78	2	PKPc	51	18.70	2.0X			i	51	26.30			
CNCB	99.19	111	P	45	23.40	3.9X	GRF	147.03	355	iPKPc	51	17.80	0.7	LOR	149.57	4	ePKP	51	21.90	0.7	
		i		49	25.00		Z	21s	0.30um			5.1Msz		Z	21s	0.25um			5.0Msz		
ZOBO	99.24	110	P	45	21.00	1.2				ic	51	20.20				63.55nm					
	Z	24s	0.40um			4.8MszX	MLR	147.20	335	ePKPd	51	18.00	0.3	LOMF	149.57	360	PKP	51	21.66	0.4	
		LR	18	20.00			WLF	147.26	1	iPKPc	51	20.82	3.4X	SALJ	149.71	305	PKP+	51	23.41	1.5	
CEH	103.02	56	Pdiff	45	50.00	14.4X	KHC	147.31	352	iPKPc	51	18.00	0.4	SSF	149.75	4	ePKP	51	22.20	0.8	
	Z	22s	0.37um			4.9Msz			1.1s	85.80nm				1.3s	81.60nm						
GUN	107.04	295	PKP	50	06.40	2.9X	Z	20s	0.40um			5.2Msz		KFNJ	149.77	305	PKPd	51	23.02	1.1	
PKI	107.39	294	PKP	50	04.00	-0.2	N	20s	0.40um				MFF	149.78	9	ePKP	51	22.10	0.6		
KKN	107.54	294	PKP	50	03.40	-0.9	E	20s	0.40um					1.3s	54.15nm						
	0.8s	16.00nm								i	51	21.00		MASJ	149.79	305	PKPd	51	29.18	7.1X	
DMN	107.66	294	PKP	50	04.60	0.0				e	51	56.50		OGA	149.84	354	ePKP	51	22.40	0.5	
RSNY	107.81	48	PKP	50	10.00	6.0X	WET	147.39	352	ePKP	51	18.20	0.5			i	51	27.80			
	Z	21s	0.60um			5.1Msz	DVR	147.39	323	ePKP	51	17.00	-1.1	LBF	149.86	4	ePKP	51	22.40	0.7	
GKN	108.14	295	PKP	50	04.60	-0.8	GEC2	147.57	351	e(PKP)	51	19.00	0.9		1.4s	54.45nm					
HRV	109.76	50	PKP	50	20.00	12.3X			0.9s	58.10nm			FVI	149.90	352	PKP	51	26.30	4.7X		
	Z	20s	1.00um			5.4Msz	ZST	147.58	347	ePKP	51	18.30	0.3	MKRJ	149.92	304	PKP+	51	28.76	6.5X	
KSH	116.38	306	PKP	50	22.20	1.5				e	51	21.70		JVI	150.00	305	ePKP	51	22.40	0.0	
KEV	125.63	351	iPKP	50	38.00	0.7	FLN	147.63	9	ePKP	51	18.30	0.2	AVF	150.01	5	ePKP	51	22.20	0.4	
	0.8s	29.30nm							1.5s	103.40nm				1.5s	43.85nm						
ITR	128.65	116	iPKPd	50	44.10	-0.7			Z	19s	0.17um		4.9Msz	PTJ	150.01	347	ePKP	51	21.00	-1.0	
MAIO	129.59	303	iPKPc	50	46.40	0.3	SRO	147.66	345	iPKP	51	17.60	-0.5	KCT	150.05	326	iPKP	51	27.30	5.2X	
	1.2s	21.53nm								i	51	21.70		ZAG	150.08	347	iPKPc	51	22.60	0.6	
KAF	132.71	348	iPKP	50	47.90	-3.1X	VKA	147.68	348	ePKP	51	18.00	-0.2	CSS	150.14	312	ePKP	51	28.70	6.3X	
	0.7s	19.70nm							1.8s	403.00nm			LJU	150.15	349	ePKP	51	22.50	0.4		
NUR	134.50	348	ePKP	50	49.80	-4.6X				i	51	22.00				iPKPbc51	27.60				
	0.6s	5.40nm								i	51	33.10		LISJ	150.16	304	PKPd	51	27.98	5.5X	
OBN	135.45	336	ePKP	51	07.00	10.6X	TNR	147.73	337	ePKPc	51	18.00	-0.4	SMF	150.19	4	ePKP	51	22.70	0.6	
	1.0s	18.00nm					SGKT	147.74	322	ePKP	51	22.50	3.7X		1.3s	44.05nm					
N	24s	0.60um					MTUR	147.78	335	ePKPc	51	21.00	2.4X	BGF	150.20	5	ePKP	51	23.00	0.9	
		e	51	08.00			BBTK	147.78	321	iPKPc	51	23.00	4.2X		1.5s	79.90nm					
		e	51	27.00			LDF	147.84	9	ePKP	51	18.80	0.4	BNT	150.21	326	iPKP	51	27.30	4.9X	
		ePP	53	20.00					1.5s	84.60nm			EDC	150.25	326	iPKP	51	27.50	5.1X		
		ePPP	56	16.00			GRR	147.93	9	ePKP	51	19.20	0.6	VOY	150.28	350	ePKP	51	22.20	-0.2	
NB2	135.74	357	PKP	50	56.00	-0.9			1.3s	67.15nm					iPKPbc51	27.50					
	0.9s	8.00nm					COZ	147.98	336	ePKPc	51	23.00	4.0X	DST	150.35	324	iPKP	51	28.30	5.6X	
HFS	136.47	355	ePKP	50	45.20	-13.0X	DEV	148.03	338	iPKPd	51	23.50	4.7X	LSF	150.36	7	ePKP	51	22.80	0.4	
	0.5s	1.30nm					LPF	148.25	10	ePKP	51	19.70	0.6		1.4s	58.40nm					
BUL	137.41	211	iPKPd	51	02.00	0.6			1.2s	43.15nm			TCF	150.40	6	ePKP	51	23.20	0.7		
	1.0s	12.00nm					KMR	148.27	350	iPKP+	51	19.90	0.8		1.4s	72.30nm					
RYD	141.97	289	ePKP	51	05.00	-4.4X				i	51	23.70		MAF	150.50	6	ePKP	51	23.50	0.9	
MJMA	143.06	291	iPKP	51	08.53	-2.7X	NAL	148.42	322	ePKP	51	23.90	4.1X		1.5s	55.35nm					
WIT	144.10	0	ePKP	51	12.00	-0.1	WLS	148.51	359	PKP	51	19.93	0.4	VBY	150.53	348	ePKP	51	23.40	0.7	
WTS	144.92	360	ePKP	51	12.50	-1.0	CDF	148.51	359	PKP	51	19.91	0.3			iPKPbc51	29.10				
	1.0s	58.00nm					FUR	148.53	354	ePKP	51	24.10	4.5X			isP'df51	38.30				
KVT	145.03	320	iPKP	51	15.20	1.1	DRA	148.55	336	ePKPd	51	24.00	4.3X	AYN	150.54	299	iPKP	51	22.40	-0.8	
OJC	145.06	345	iPKPd	51	13.50	-0.4	GYN	148.66	323	ePKP	51	24.90	4.7X	VVI	150.55	352	PKP	51	29.10	6.4X	
	0.8s	353.00nm					VITF	148.70	1	PKP	51	20.15	0.3	BCK	150.58	319	ePKP	51	37.80	14.7X	
KSP	145.21	349	ePKPc	51	13.30																

08d 14h

N	22s		0.70um				N	1.0s	63.90nm		5.5mb		SLKM	75.60	332 eP	52 07.91	-0.4
E	22s		1.40um				Z	22s	1.44um		4.7Msz		FBA	76.00	336 eP	52 09.69	-0.8
			e	15 53.50					e	52 46.00				1.5s	32.71nm		5.2mb
GEC2	147.87	350	ePKPc	15 33.60	4.4X				LR	57 39.00			CRP	76.72	332 eP	52 13.95	-0.8
	0.9s		2.12nm				CBN	34.32	7 eP	47 11.00	0.6		CPKM	76.76	332 eP	52 13.45	-1.6
			e	15 44.90			FVM	34.53	349 eP	47 11.25	-1.0		EPLA	77.07	50 eP	52 18.60	1.6
			e	15 53.70				1.8s	112.61nm		5.5mb		EPLA	77.07	50 eP	52 14.70	-2.3
GRB5	147.89	353	ePKP	15 36.70	7.6X		LVNJ	37.27	10 eP	47 32.77	-2.6		TIC	77.20	84 PKP	52 17.80	-0.4
	1.8s		81.00nm				PNJ	37.47	11 iP	47 37.40	0.4		LIC	77.22	85 PKP	52 17.80	-0.4
VBY	150.77	346	e(PKP)	15 42.00	8.4X		TBR	37.68	10 eP	47 38.15	-0.7		EJIF	77.24	54 eP	52 19.00	1.1
			e	16 02.90			ALO	37.87	327 eP	47 41.71	0.9		KIC	77.49	84 PKP	52 19.00	-0.8
								1.2s	78.82nm		5.4mb		EHOR	77.52	52 eP	52 19.50	0.0
S.D. = 1.1	on	14 of 20 obs.					Z	19s	1.97um		4.9Msz		MAL	78.11	53 eP	52 23.50	0.8
													SVW	78.31	332 eP	52 22.51	-0.9
SEP 08, 1992	14h 40m 21.61± 0.26s						IHA	38.30	165 eP	47 37.50	-6.7X			1.2s	44.37nm		5.4mb
4.051 N ± 4.6km	82.582 W ± 3.9km					JFWS	39.29	351 eP	47 51.89	-0.5		GUD	78.59	50 eP	52 25.00	-0.5	
DEPTH = 10.0km (geophysicist)								0.9s	28.01nm		4.9mb	GUD	78.59	50 eP	52 25.90	0.4	
5.2mb (50 obs.) 4.9Msz (16 obs.)						Z	18s	1.33um		4.8Msz		TOL	78.61	50 eP	52 25.00	-0.5	
SOUTH OF PANAMA (HRV) (83)						HRV	39.53	13 eP	47 54.94	0.6				eS	02 36.00		
CENTROID, MOMENT TENSOR								0.8s	14.50nm		4.7mb	IMA	78.70	337 eP	52 25.29	-0.3	
Data Used: GDSN						Z	21s	2.28um		5.0Msz		ECOG	78.82	53 eP	52 27.80	1.0	
L.P.B.: 27S, 55C								S	54 17.09			TTA	78.90	333 eP	52 25.91	-0.7	
Centroid Location:								SS	57 13.58				1.4s	31.49nm		5.2mb	
Origin Time	14:40:25.9	0.6				RSNY	40.95	9 eP	48 03.84	-2.2		EHUE	79.62	52 eP	52 32.80	1.7	
Lat 3.88N 0.05 Lon 82.59W 0.03								0.8s	16.93nm		4.8mb	EVIA	79.73	52 eP	52 32.50	0.8	
Dep 15.0 FIX Half-duration 1.6						Z	19s	1.46um		4.8Msz		ENIJ	79.89	53 eP	52 33.20	0.8	
Moment Tensor; Scale 10**17 Nm						GLD	41.02	333 eP	48 10.00	3.1X		ECRI	79.96	48 eP	52 33.50	0.7	
Mrr= 0.04 0.08 Mtt=-0.03 0.07								1.7s	173.91nm		5.5mb	EKA	80.66	35 Pd	52 40.60	4.5X	
Mff=-0.01 0.11 Mrt=-0.16 0.20						GOL	41.05	333 eP	48 08.76	1.6			2.7s	340.90nm		5.9mb	
Mrf= 0.64 0.26 Mtf= 3.10 0.07								1.8s	215.44nm		5.6mb	LPF	81.34	42 eP	52 39.30	-0.5	
Principal Axes:						Z	19s	0.94um		4.7Msz			0.9s	11.30nm		4.9mb	
T Val= 3.12 Plg= 6 Azm=314						BNH	41.59	12 eP	48 11.64	0.4		GRR	81.49	42 eP	52 40.30	-0.3	
N 0.10 78 191						GLA	41.70	318 eP	48 12.65	0.3			1.0s	25.40nm		5.2mb	
P -3.22 10 45						EEO	42.53	4 eP	48 21.50	2.5		EGRA	81.56	48 eP	52 45.00	3.9X	
Best Double Couple: Mo=3.2*10**17						EMM	42.64	16 eP	48 21.02	1.2		MFF	81.87	44 eP	52 42.30	-0.4	
NP1:Strike= 90 Dip=79 Slip= -2						SRU	43.14	328 eP	48 24.24	0.0			0.9s	16.05nm		5.1mb	
NP2: 180 88 -169						MSU	43.61	326 eP	48 28.62	0.5		LDF	81.99	42 eP	52 43.00	-0.2	
						PEC	43.77	317 eP	48 29.41	0.2			1.0s	16.80nm		5.1mb	
BOG	8.51	86 eP	42 30.00	1.8				2.2s	84.75nm		5.2mb	EPF	82.08	47 eP	52 44.10	0.2	
		iS	44 06.00			EMUT	43.81	328 eP	48 30.36	0.6			0.9s	13.10nm		5.0mb	
BMG	9.93	72 iPd	42 47.50	0.0		ARUT	43.84	324 eP	48 30.68	0.7		LPO	82.74	46 eP	52 46.90	-0.3	
SDV	12.81	67 eP	43 26.80	0.1		RSSD	44.16	338 eP	48 33.74	1.2			0.9s	24.55nm		5.4mb	
TOV	13.91	65 eP	43 40.70	-0.6				0.8s	23.14nm		5.1mb	RJF	82.99	45 eP	52 48.20	-0.3	
YHJ	14.99	23 iPd	43 56.33	1.0		Z	21s	1.39um		4.9Msz			1.1s	46.80nm		5.6mb	
STH	15.04	22 iPd	43 58.21	2.2				S	55 12.81			Z	20s	0.30um		4.7Msz	
CAR	16.79	67 iPc	44 17.00	-1.7		LMN	44.43	18 eP	48 38.00	3.6X		LSF	83.02	44 eP	52 48.10	-0.5	
		iS	47 23.00			DAU	44.47	328 eP	48 34.97	-0.2		CAF	83.37	45 eP	52 50.20	-0.3	
NNA	16.92	160 iPc	44 18.50	-1.8		BW06	45.41	332 eP	48 43.00	0.4			1.1s	12.20nm		5.0mb	
	1.0s	53.00nm	4.6mb				1.8s	57.87nm		5.2mb		TCF	83.49	44 eP	52 50.30	-0.8	
		eS	47 34.00			ISA	45.67	318 eP	48 44.30	-0.2			0.8s	9.65nm		5.1mb	
PBJ	17.61	315 (P)	44 32.00	3.2X			1.3s	17.13nm		4.9mb		MAF	83.74	44 eP	52 51.80	-0.5	
OXX	18.98	314 (P)	44 49.00	3.1X		Z	20s	2.22um		5.1Msz			1.1s	16.35nm		5.2mb	
MGP	20.55	46 P	45 02.90	-0.3				S	55 30.77			AVF	84.29	44 eP	52 54.40	-0.6	
IISM	20.72	317 (P)	45 10.00	5.1X				SS	59 06.55				1.1s	11.00nm		5.0mb	
LRS	20.91	46 P	45 07.00	0.1		ABL	45.71	317 eP	48 45.12	0.0		SSF	84.39	43 eP	52 55.60	0.0	
CLLP	20.97	47 P	45 06.20	-1.3		ITR	45.83	106 eP	48 44.00	-2.0			0.9s	6.40nm		4.9mb	
ACX	21.20	308 (P)	45 10.00	0.1				e	50 27.80			SMF	84.62	44 eP	52 56.10	-0.7	
IIT	21.39	315 (P)	45 20.00	8.0X		HVU	46.25	329 eP	48 49.45	0.3			0.9s	7.70nm		4.9mb	
CPD	21.43	48 P	45 12.70	0.5		BCH	46.49	317 eP	48 51.48	0.4		DOU	85.11	40 P	52 56.90	-2.1	
LPR	21.64	48 P	45 14.90	0.6		PTI	46.84	330 eP	48 54.49	0.7				S	03 35.00		
PPM	21.64	315 (P)	45 11.50	-3.4X		BONR	46.91	321 eP	48 54.06	-0.5		ENN	85.94	40 eP	53 06.00	2.8	
III	21.81	312 (P)	45 16.50	0.3		ULM	47.39	348 ePd	48 59.50	1.7			1.0s	16.00nm		5.1mb	
TPM	21.90	314 (P)	45 16.00	-1.0		ARN	48.65	318 eP	49 07.78	-0.1		WLF	86.12	41 Pc	53 04.00	-0.1	
UNM	22.21	314 (P)	45 24.00	3.7X		LRM	49.07	333 eP	49 11.70	0.4		HAU	86.30	42 eP	53 04.60	-0.5	
ARE	23.14	152 eP	45 32.00	2.5		ORV	49.87	321 eP	49 17.02	-0.2			1.0s	10.40nm		5.0mb	
MRX	23.90	312 (P)	45 40.00	3.5X		JAO	49.91	5 eP	49 15.00	-2.3		Z	20s	0.50um		4.9Msz	
LPB	24.97	145 P	45 49.20	1.9		LBFM	51.15	322 eP	49 27.51	0.3		WTS	86.46	38 eP	53 07.00	1.3	
	1.2s	546.88nm	6.1mb			SES	52.03	337 eP	49 34.00	0.5			0.9s	23.00nm		5.4mb	
	Z	21s	12.19um	5.4Msz			1.5s	133.00nm		5.6mb		BSF	86.61	42 eP	53 05.90	-0.8	
		S	50 28.00			NEW	53.04	332 eP	49 41.00	-0.1			0.9s	13.60nm		5.2mb	
		LR	54 17.00				1.6s	80.36nm		5.4mb		LPL	86.66	45 eP	53 07.40	0.2	
CNCB	25.26	146 iPc	45 49.00	-0.6		VGB	53.05	327 eP	49 42.05	0.8			1.0s	16.20nm		5.2mb	
CCH	26.78	143 eP	46 04.00	-0.1		DPW	53.28	331 eP	49 42.81	-0.1		LPG	86.67	45 eP	53 07.70	0.4	
SIV	29.15	134 eP	46 25.00	-0.3		FCC	55.30	353 eP	49 59.50	2.1			1.0s	15.00nm		5.2mb	
JSC	30.10	2 eP	46 33.48	-0.1		GMW	55.41	328 eP	49 57.53	-0.9		FRF	86.68	47 eP	53 06.80	-0.2	
LHS	30.32	3 eP	46 34.16	-1.3		YKA	62.95	344 eP	50 49.30	-1.0			1.1s	25.15nm		5.3mb	
PWLA	31.19	351 eP	46 43.72	0.5			0.9s	22.90nm		5.4mb		CDF	86.91	42 eP	53 07.70	-0.5	
TKL	31.47	358 eP	46 45.15	-0.5		SIT	67.12	332 P	51 30.00	12.6X			1.1s	14.15nm		5.1mb	
GBTN	31.50	357 eP	46 45.10	-0.8		Z	19s	1.80um		5.3Msz		SBF	87.24	46 eP	53 09.50	-0.3	
CEH	31.85	5 eP	46 48.05	-0.9		BALM	72.19	334 eP	51 48.54	-0.1			1.3s	41.90nm		5.5mb	
	1.1s	35.02nm	5.2mb			KLU	73.96	334 eP	51 58.07	-0.8		GRF	89.41	40 eP	53 19.90	-0.1	
Z	20s	2.05um	4.8Msz			HON	74.96	291 P	52 10.00	4.7X			1.6s	17.00nm		5.1mb	
NAV	33.15	3 eP	47 00.16	-0.2		Z	21s	0.48um		4.8Msz		Z	22s	1.40um		5.3Msz	
VVO	33.43	340 eP	47 02.90	0.2		MBC	74.97	351 ePd	52 04.50	0.1		CLL	90.36	39 eP	53 26.00	1.6	
ELC	33.63	350 eP	47 02.87	-1.6			1.0s	45.00nm		5.5mb		KHC	91.00	41 eP	53 27.50	0.1	
RLO	33.95	342 eP	47 06.70	-0.6		PMR	75.43	333 P	52 20.00	12.7X			1.3s	7.20nm		4.8mb	
TUL	33.97	341 eP	47 07.40	0.0		Z	20s	1.18um		5.2Msz				e	53 37.40		

08d 14h

KBA 91.10 43 i(P) 53 28.80 0.7
 GEC2 91.11 41 eP 53 27.50 -0.5
 1.1s 2.59nm 4.5mb
 e 53 32.60
 e 53 38.00
 e 53 48.10
 SPA 94.02 180 iPd 53 46.50 5.4X
 0.9s 15.91nm 5.4mb
 Z 23s 2.30um 5.6mszX
 NVL 95.26 161 eP 53 50.00 3.5X
 2.0s 38.00nm 5.5mb
 Z 23s 1.10um 5.3mszX
 N 22s 0.50um
 E 24s 1.10um
 OHR 97.38 48 eP 53 58.20 1.4
 SKO 97.67 47 eP 53 58.00 -0.1
 WMO 131.55 9 PKP 59 36.00 -0.6
 Z 24s 2.22um 5.8mszX
 PP 01 52.00
 BJI 132.86 340 PKP 59 33.00 -6.0X
 Z 26s 0.80um 5.3mszX
 GTA 136.70 357 ePKP 59 42.50 -4.1X
 Z 26s 1.24um 5.5mszX
 PP 02 32.00
 LZH 139.62 352 ePKP 59 44.00 1.9
 WB2 140.71 243 iPKPd 59 46.70 -7.6X
 0.5s 2.30nm
 CD2 144.71 351 PKP 59 58.60 -2.4X
 MTN 145.57 253 ePKP 00 02.30 -0.5
 GKN 145.83 20 PKP 00 02.20 -1.0
 LSA 145.91 10 ePKP 00 03.40 -0.2
 KKN 146.25 20 PKP 00 04.60 0.7
 GUN 146.33 19 PKP 00 07.60 3.4X
 DMN 146.36 20 PKP 00 05.00 0.8
 PKI 146.50 20 PKP 00 05.00 0.5
 GYA 148.38 344 iPKPd 00 10.00 2.8X
 CGP 150.10 295 ePKPc 00 15.00 5.0X
 KMI 150.54 350 ePKP 00 15.00 4.3X
 pP 00 30.00
 HYB 151.68 41 ePKP 00 24.30 11.9X
 S.D. = 1.0 on 140 of 166 obs.

* SEP 08, 1992 15h 19m 14.38±0.89s
 28.725 N ±23.6km 95.004 E ±7.9km
 DEPTH = 10.0km (geophysicist)
 4.7mb (3 obs.)
 EASTERN XIZANG-INDIA BORDER REG. (313)

KMI 7.78 116 eP 21 12.00 1.4
 S 22 36.50
 GUN 8.08 266 P 21 15.78 0.8
 PKI 8.55 265 P 21 21.12 -0.3
 0.3s 33.00nm 6.2mb X
 KKN 8.63 266 P 21 22.92 0.5
 DMN 8.81 265 P 21 25.18 0.3
 GKN 9.16 268 P 21 29.10 -0.6
 LZH 10.47 43 eP 22 02.00 14.3X
 1.0s 17.00nm
 Z 25s 1.07um
 pP 22 11.50
 PP 25 11.00
 APO 61.12 326 eP 29 30.70 -0.1
 0.6s 1.80nm 4.4mb
 WB2 61.52 137 iPd 29 32.60 -1.4
 0.8s 4.50nm 4.7mb
 e 29 44.40
 ASPA 64.16 140 iPc 29 50.90 -0.6
 0.7s 6.10nm 4.9mb
 S.D. = 1.0 on 9 of 10 obs.

SEP 08, 1992 16h 28m 10.01±0.76s
 54.966 N ±8.0km 111.223 E ±8.4km
 DEPTH = 33.0km (normol)
 4.1mb (2 obs.)
 LAKE BAYKAL REGION, RUSSIA (327)

KMO 0.92 360 iPg 28 26.40 -0.1
 eSg 28 39.00
 NIZ 1.26 311 iPg 28 32.00 0.7
 eSg 28 48.00
 CIT 3.29 153 eP 28 59.90 -0.6
 ePg 29 07.20
 eSg 29 48.20
 KAB 4.00 225 ePg 29 20.00 9.5X
 iSg 30 16.00
 IRK 4.92 240 eP 29 23.00 -0.6
 0.8s 86.00nm

TUP 5.06 93 ePg 29 39.20
 e 29 58.20
 e 30 08.00
 eSg 30 40.00
 LR 31 01.00
 eP 29 25.00 -0.5
 ePg 29 40.00
 eS 30 24.00
 eSg 30 48.00
 ZAK 6.66 230 eP 29 46.00 -2.0
 ePg 30 13.20
 eSg 31 34.70
 YAK 11.95 46 eP 31 15.80 15.0X
 1.7s 95.00nm
 eSb 33 17.00
 iSg 34 16.00
 BT0 14.40 184 eP 31 37.00 3.6X
 N 10s 0.70um
 E 10s 0.47um
 CN2 14.48 135 eP 31 53.50 19.2X
 Z 16s 1.47um
 BJI 15.30 165 eP 31 50.00 5.1X
 N 10s 0.78um
 TIY 17.28 177 eP 32 12.00 1.8
 Z 12s 5.30um
 N 10s 0.75um
 GTA 17.35 211 eP 32 12.00 0.9
 2.0s 27.00nm 4.0mb
 Z 12s 1.80um 3.6msz
 N 10s 0.93um
 WMO 18.84 243 eP 32 30.00 0.5
 Z 14s 0.78um
 LZH 19.55 198 eP 32 43.00 5.1X
 1.0s 12.00nm 4.1mb
 Z 12s 0.79um
 E 10s 0.41um
 S.D. = 1.3 on 9 of 15 obs.

? SEP 08, 1992 16h 48m 45.16±4.90s
 31.854 S ±40.8km 69.914 W ±39.8km
 DEPTH = 150.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.9 (SAN).

JACH 1.01 215 iP+ 49 10.25 -0.1
 iS 49 29.45
 PEL 1.44 207 iPd 49 14.40 -0.1
 iS 49 36.28
 ROCH 1.45 219 iP+ 49 14.89 0.1
 iS 49 37.64
 PCH 1.83 196 iP 49 18.88 0.1
 iS 49 45.79
 TACH 1.99 205 iP+ 49 20.42 -0.2
 iS 49 48.37
 LCCH 2.14 220 iP+ 49 22.74 0.5
 iS 49 51.84
 CHCH 2.16 196 eP 49 22.64 0.0
 iS 49 51.84
 CACH 2.33 194 iP 49 25.14 0.4
 iS 49 57.18
 LNV 2.44 211 iP+ 49 25.43 -0.6
 iS 49 57.35
 S.D. = 0.4 on 9 of 9 obs.

% SEP 08, 1992 17h 08m 24.09±0.56s
 42.524 N ±4.0km 18.692 E ±4.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

HCY 0.16 242 iPg 08 28.05 0.2
 iSg 08 30.85
 BDV 0.26 157 iPg 08 29.70 0.1
 iSg 08 34.12
 NKY 0.37 38 iPg 08 31.62 0.0
 iSg 08 38.00
 BRY 0.39 344 iPg 08 31.85 -0.3
 iSg 08 38.19
 TTG 0.43 102 iPg 08 32.78 -0.1
 iSg 08 40.35
 ULC 0.70 143 iPg 08 37.49 -0.4
 iSg 08 48.23
 PVY 0.95 85 iPg 08 42.43 0.2
 iSg 08 57.19
 IVA 0.95 68 iPg 08 42.49 0.2
 iSg 08 47.37
 PLE 0.96 32 iPg 08 42.59 0.2

iSg 08 57.33
 S.D. = 0.3 on 9 of 9 obs.
 & SEP 08, 1992 18h 28m 17.47s
 34.515 N 116.534 W
 DEPTH = 1.0km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.8 (GS).

PEC 0.81 220 iPc 28 32.54 -1.1
 S 28 43.98
 SSK 1.01 253 ePc 28 36.19 -1.3
 S 28 50.04
 PLM 1.19 193 ePc 28 39.40 -1.2
 (S) 28 58.14
 ISA 1.96 306 ePn 28 49.13 -3.1
 S 29 20.27
 GLA 2.04 135 ePn 28 52.19 -1.2
 S 29 23.73
 ABL 2.24 279 ePn 28 53.55 -2.9
 TPNV 2.44 5 ePn 28 58.23 -1.1
 S 29 36.42
 BCH 3.00 284 ePn 29 04.75 -2.4
 TNP 3.60 351 (P) 29 13.66 -2.1
 BONR 3.72 338 (P) 29 15.47 -2.1
 ARUT 4.11 37 ePn 29 21.38 -1.7
 11 obs. associated

SEP 08, 1992 18h 40m 37.21±0.52s
 45.895 N ±3.7km 3.316 E ±5.3km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.3 (LDG), 2.1 (STR).

AGO 0.20 321 Pg 40 41.03 -0.7
 Sg 40 43.95
 PYM 0.26 236 Pg 40 41.73 -1.0
 Sg 40 45.14
 COLF 0.46 145 Pg 40 45.99 -0.6
 Sg 40 52.22
 MAF 0.62 302 Pg 40 48.60 -1.0
 Sg 40 55.80
 LBL 0.66 184 Pg 40 49.44 -1.1
 BGF 0.74 334 Pg 40 51.10 -0.6
 SMF 0.83 26 Pg 40 53.10 -0.2
 Sg 41 04.70
 TCF 0.86 297 Pg 40 53.20 -0.7
 Sg 41 04.30
 AVF 0.90 2 Pg 40 54.30 -0.1
 Sg 41 05.90
 SSF 1.17 6 Pg 40 59.20 0.1
 Sg 41 14.90
 LBF 1.18 23 Pg 40 59.70 0.4
 Sg 41 15.10
 LSF 1.29 287 Pg 41 01.10 -0.1
 Sg 41 17.40
 CAF 1.31 223 Pg 41 01.30 -0.2
 Sg 41 18.70
 RJF 1.39 246 Pg 41 02.70 0.0
 Sg 41 20.50
 LOR 1.42 15 Pg 41 03.80 0.7
 Sg 41 22.10
 HYF 1.45 341 Pg 41 04.30 0.8
 Sg 41 23.60
 LPO 1.93 232 Pg 41 12.00 1.6
 Sg 41 37.50
 LFF 2.05 243 Pg 41 14.70 2.6
 Sg 41 41.50
 S.D. = 1.0 on 18 of 18 obs.

* SEP 08, 1992 18h 49m 04.28±0.60s
 12.826 N ±7.7km 121.387 E ±11.2km
 DEPTH = 33.4km (2 depth phases)
 4.8mb (9 obs.) 4.2msz (3 obs.)
 MINDORO, PHILIPPINE ISLANDS (250)

OIZ 12.70 301 eP 52 05.00 -0.4
 WHN 18.79 341 eP 53 27.50 4.1X
 Z 16s 0.84um
 eS 57 00.00
 NJ2 19.28 353 eP 53 29.00 -0.1
 GYA 19.37 317 P 53 31.00 0.6
 1.2s 14.00nm 4.1mb
 Z 18s 0.50um
 KMI 21.43 307 eP 53 53.00 1.0
 IPM 21.71 250 ePc 53 56.70 2.0
 CHG 22.39 288 eP 54 00.70 -0.7

TIA 23.60 351 eP 54 14.10 1.1
Z 20s 0.71um 4.1msz
XAN 23.97 334 P 54 17 20 0.5
0.8s 6.60nm 4.2mb
CD2 24.26 321 eP 54 19.80 0.3
TIY 26.04 344 eP 54 36.00 -0.4
Z 19s 2.47um 4.8msz
N 18s 1.14um
BJI 27.49 351 eP 54 53.00 3.5X
Z 20s 0.42um 4.0msz
LZH 28.03 329 P 54 55.00 0.3
1.2s 30.00nm 4.9mb
Z 16s 0.54um 4.2mszx
N 12s 0.36um
GTA 32.63 328 P 55 04.00 32km
1.0s 14.00nm 4.8mb
Z 16s 1.14um 4.7mszx
pP 55 45.00 35km
WB2 34.97 158 iPd 55 54.10 -1.5
0.5s 6.10nm 4.8mb
GUN 36.35 300 P 56 07.02 -0.7
PKI 36.66 299 P 56 09.20 -1.1
0.7s 25.00nm 5.2mb
KKN 36.83 299 P 56 10.28 -1.3
0.8s 46.00nm 5.4mb
DMN 36.93 299 P 56 11.52 -0.9
GKN 37.43 299 P 56 15.40 -1.2
0.7s 17.00nm 5.0mb
ASPA 38.28 161 iPc 56 24.00 0.5
0.6s 9.10nm 4.8mb
WARB 39.11 173 eP 56 31.00 0.6
WMO 42.30 323 eP 56 57.60 1.0
GBA 42.75 276 P 57 01.10 0.6
S.D. = 1.0 on 22 of 24 obs.

% SEP 08, 1992 19h 43m 42.20±0.58s
40.635 N ± 4.7km 23.453 E ± 5.3km
DEPTH = 10.0km (geophysicist)
GREECE (364)

MD 2.1 (THE).

SOH 0.20 338 iPg 43 46.82 0.2
eSg 43 49.16
THE 0.37 270 iPg 43 49.42 -0.4
eSg 43 54.32
SRS 0.49 12 ePg 43 52.04 -0.2
OUR 0.50 126 ePg 43 52.80 0.4
eSg 44 00.32
KNT 0.67 322 iPg 43 55.32 -0.3
eSg 44 04.56
PAIG 0.73 166 ePg 43 55.88 -0.6
eSg 44 06.32
GRG 0.86 292 ePg 43 59.20 0.4
eSg 44 11.28
LIT 0.91 234 ePg 44 00.04 0.4
eSg 44 11.80
S.D. = 0.5 on 8 of 8 obs.

% SEP 08, 1992 19h 47m 10.17±0.65s
40.626 N ± 5.4km 23.413 E ± 6.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

MD 1.7 (THE).

SOH 0.20 347 ePg 47 14.74 0.1
eSg 47 17.80
THE 0.34 271 ePg 47 17.24 0.0
eSg 47 22.20
SRS 0.51 15 ePg 47 20.40 -0.1
OUR 0.52 124 ePg 47 20.80 0.0
eSg 47 27.72
KNT 0.66 324 ePg 47 23.24 -0.1
eSg 47 32.40
PAIG 0.73 164 ePg 47 24.40 -0.1
S.D. = 0.1 on 6 of 6 obs.

SEP 08, 1992 19h 58m 34.56±0.64s
35.765 N ± 6.5km 141.312 E ± 7.3km
DEPTH = 10.0km (geophysicist)
4.7mb (6 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

CHJJ 1.90 279 P 59 05.20 -2.1
NIJJ 2.37 309 iPd 59 13.50 -0.6
S 59 39.40
YAMJ 2.61 337 eP 59 18.60 1.1

MAT 2.63 288 iPc 59 16.60 -1.2
eS 59 44.00
IIDJ 2.78 265 P 59 21.30 1.3
MTMJ 2.95 287 P 59 21.50 -0.9
OFUJ 3.32 5 eP 59 29.60 2.0
TSRJ 4.35 269 P 59 44.00 1.9
AOMJ 4.84 352 eP 59 53.50 4.3X
WKYJ 4.94 253 P 59 52.20 1.6
TKSJ 6.23 256 eP 00 08.10 -0.6
YONJ 6.43 267 P 00 11.80 0.2
MRRJ 6.65 358 eP 00 14.30 -0.4
HOJ 6.78 12 P 00 17.10 0.6
eS 01 27.00
KUSJ 7.78 19 eP 00 29.90 -0.6
ASAJ 8.40 7 eP 00 38.00 -1.2
TIA 19.57 278 eP 03 09.60 4.0X
YAK 27.27 348 eP 04 20.20 -0.4
1.2s 25.00nm 4.8mb
GYA 30.95 262 eP 04 52.40 -1.7
WMO 41.35 298 eP 06 22.60 0.4
PKI 47.73 277 P 07 15.20 1.2
KKN 47.74 277 P 07 14.40 0.5
DMN 47.96 277 P 07 16.00 0.3
GKN 48.18 277 P 07 17.80 0.6
WB2 55.79 188 iPd 08 12.80 -1.3
0.5s 4.40nm 4.7mb
ASPA 59.52 188 iPd 08 41.00 0.6
0.6s 3.40nm 4.7mb
GBA 61.04 266 P 08 50.00 -0.9
WARB 63.15 195 eP 09 05.00 0.2
KAF 69.40 333 eP 09 44.30 0.1
0.4s 1.40nm 4.5mb
NUR 71.03 332 eP 09 53.90 -0.3
0.4s 2.70nm 4.7mb
NB2 75.32 337 P 10 19.20 -0.2
0.6s 2.00nm 4.3mb
ZOBO 147.39 61 PKP 18 24.70 5.9X
LPB 147.58 61 (PKP) 18 15.00 -3.9X
CNCB 147.84 62 PKP 18 26.00 6.5X
S.D. = 1.1 on 29 of 34 obs.

& SEP 08, 1992 20h 03m 52.99s
62.416 N 151.016 W
DEPTH = 82.0km
CENTRAL ALASKA (1)
<AEIC>

CUT 0.35 92 iPd 04 05.30 -0.6
SKT 0.50 209 iPd 04 06.55 -0.6
iS 04 16.99
HUR 0.85 48 iPc 04 09.77 -0.9
eS 04 22.51
PWA 0.94 145 P 04 11.30 -0.3
S 04 27.20
SUA 0.96 172 iPd 04 11.66 -0.5
eS 04 25.53
TRF 1.09 17 iPd 04 12.83 -0.9
KTH 1.14 2 iPd 04 13.33 -0.9
NCG 1.15 208 iPc 04 13.63 -0.8
GHO 1.18 122 iPd 04 14.45 -0.3
CGLM 1.21 203 iPc 04 14.33 -0.8
PLRM 1.21 132 ePc 04 14.26 -0.8
CRP 1.27 206 iPc 04 15.37 -0.6
eS 04 31.60
CPKM 1.29 207 iPd 04 15.82 -0.5
CKN 1.32 205 iPc 04 16.51 0.1
BGL 1.33 210 iPc 04 16.56 -0.1
SPU 1.33 202 iPc 04 16.09 -0.6
PMS 1.36 149 P 04 16.30 -0.7
CKL 1.38 208 ePc 04 16.79 -0.5
SML 1.40 115 iPc 04 16.98 -0.6
eS 04 34.57
RND 1.40 44 iPc 04 16.31 -1.3
eS 04 33.70
BKG 1.48 204 iPc 04 17.86 -0.7
eS 04 35.37
KNK 1.58 129 ePc 04 19.04 -0.8
MCK 1.63 35 iPc 04 19.41 -1.1
PTE 1.82 148 ePc 04 21.98 -1.1
eS 04 44.64
SCM 1.83 107 iPc 04 22.06 -1.2
SLKM 1.95 168 eP 04 24.93 0.0
RDT 1.97 200 eP 04 24.60 -0.5
DFR 2.00 204 iPc 04 25.10 -0.5
NCT 2.08 207 eP 04 26.31 -0.3
RDN 2.09 204 ePc 04 26.32 -0.5
MPA 2.09 157 eP 04 25.46 -1.2

REF 2.10 203 iPc 04 26.71 -0.3
RDW 2.12 205 iPc 04 27.11 -0.2
RS2 2.13 204 iPc 04 27.26 -0.2
RSO 2.13 204 iPc 04 27.24 -0.2
RS1 2.13 204 iPc 04 27.32 -0.2
TOA 2.29 96 P 04 28.80 -0.7
NEA 2.34 21 iPc 04 28.08 -2.0
TTA 2.36 285 P 04 29.20 -1.3
GLI 2.42 128 ePc 04 29.51 -1.8
SEW 2.44 161 eP 04 30.68 -0.8
WRH 2.45 31 iPc 04 29.78 -1.8
VZW 2.52 121 eP 04 30.84 -1.8
SDG 2.54 85 iPc 04 32.09 -0.9
SVW 2.55 241 P 04 32.20 -0.9
INW 2.57 204 eP 04 33.13 -0.3
VLZ 2.57 118 ePc 04 30.84 -2.4
KLU 2.58 109 iPc 04 31.48 -2.0
KNIM 2.61 141 eP 04 31.11 -2.7
PAX 2.62 75 ePc 04 33.12 -0.9
MLY 2.63 3 eP 04 32.43 -1.7
TZL 2.64 96 eP 04 33.54 -0.8
CCB 2.66 31 iPc 04 32.56 -2.0
HDA 2.71 41 iPc 04 33.52 -1.7
FID 2.74 126 iPc 04 33.49 -2.1
HOM 2.78 187 P 04 37.50 1.3
FBA 2.88 29 P 04 35.50 -2.0
CNPM 2.90 182 eP 04 38.45 0.6
DJE 2.91 54 eP 04 36.89 -1.1
MTU 2.93 145 ePc 04 34.61 -3.7
HIN 2.97 131 eP 04 36.97 -1.9
OPT 2.97 202 eP 04 39.13 0.2
XLV 2.99 187 P 04 40.00 0.9
GLM 3.04 30 ePc 04 38.00 -1.9
PDB 3.05 212 iPc 04 39.33 -0.6
CVA 3.15 124 eP 04 37.89 -3.3
AUL 3.27 202 P 04 44.40 1.5
AUE 3.28 202 P 04 43.40 0.4
AUW 3.28 203 P 04 43.50 0.4
AUH 3.28 202 P 04 44.70 1.5
AUI 3.31 202 P 04 45.50 2.0
SGAM 3.39 122 eP 04 42.55 -2.0
DOT 3.40 66 ePc 04 43.25 -1.6
GLB 3.54 103 iPd 04 44.69 -2.1
MCNL 3.63 208 eP 04 47.24 -0.7
BGM 3.67 216 eP 04 47.23 -1.3
RAGM 3.67 121 eP 04 47.14 -1.4
CDD 3.73 201 eP 04 49.37 0.0
MID 3.77 141 P 04 49.40 -0.4
IMA 3.85 344 P 04 49.50 -1.6
HMT 3.86 120 eP 04 49.20 -2.0
SYI 3.88 191 eP 04 50.87 -0.5
PRP 3.94 35 P 04 50.70 -1.8
KAIM 4.06 125 eP 04 53.09 -0.8
CROM 4.12 110 eP 04 52.68 -2.3
TGL 4.25 109 eP 04 53.99 -2.8
BALM 4.35 105 eP 04 55.05 -3.1
WAX 4.39 113 eP 04 55.29 -3.4
SNH 4.54 116 eP 04 57.84 -2.8
CTGM 4.83 103 iPc 05 02.59 -2.3
YAH 4.91 111 ePc 05 02.98 -3.1
WRG 4.95 115 eP 05 03.88 -2.6
92 obs. associated

? SEP 08, 1992 21h 58m 21.50±6.03s
36.709 S ± 34.0km 176.559 E ± 20.7km
DEPTH = 341.0 ± 50.7 km
OFF E. COAST OF N. ISLAND, N.Z. (160)

KUZ 0.68 267 eP 59 04.70 -0.7
URZ 1.61 164 P 59 09.80 0.1
eS 59 41.90
HBZ 1.65 123 P 59 10.50 0.6
PAHZ 2.18 170 P 59 14.20 0.5
NOZ 2.24 149 eP 59 13.50 -0.5
MOH 2.46 169 P 59 16.20 0.3
WAHZ 2.99 183 P 59 20.60 0.1
MNG 3.99 192 P 59 30.10 -0.3
eS 00 19.70
KIW 4.34 197 P 59 34.10 0.1
MTW 4.52 190 P 59 35.30 -0.6
CAW 4.54 194 P 59 35.80 -0.4
DIW 4.58 206 P 59 37.10 0.5
AMW 4.64 187 eP 59 36.50 -0.6
MRW 4.74 197 P 59 38.10 -0.2
eS 00 35.10
TCW 4.84 201 P 59 39.80 0.4
QRZ 5.18 216 eP 59 43.80 0.6

08d 21h

S.D. = 0.5 on 16 of 16 obs.
 * SEP 08, 1992 22h 27m 45.08±0.66s
 28.719 N ± 9.3km 50.841 E ± 11.3km
 DEPTH = 10.0km (geophysicist)
 4.1mb (2 obs.)
 PERSIAN GULF (352)

DHR	2.48	195	eP	28	26.00	-0.2
RYD	5.49	225	eP	29	09.70	0.7
			eS	30	10.90	
MJMA	5.70	241	iP	29	12.00	0.0
KER	6.46	331	eP	29	35.00	12.3X
QASM	7.00	250	eP	29	30.00	-0.2
TAB	10.06	339	eP	30	58.00	45.3X
			e	31	06.00	
MAIO	10.51	42	eP	30	18.00	-0.9
NUR	36.35	338	eP	34	50.80	0.0
KAF	37.10	341	eP	34	57.80	0.7
BCAO	39.02	238	ePc	35	12.10	-1.7
	1.0s	5.00nm			4.1mb	
HFS	40.16	332	eP	35	22.20	-0.4
	0.4s	1.40nm			4.0mb	
LIC	57.22	258	P	37	36.00	0.9
MAT	71.59	58	iPd	39	09.80	1.1
	0.7s	30.82nm			5.5mb X	

S.D. = 0.9 on 11 of 13 obs.
 * SEP 08, 1992 23h 35m 04.20±1.54s
 51.557 N ± 8.1km 7.437 E ± 15.1km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.2 (BNS).

WTS	0.59	319	ePg	35	16.00	-0.1
	0.6s	8.00nm				
BNS	0.62	196	iPg	35	16.13	-0.5
	0.6s	132.00nm				
ENN	1.24	231	iPnc	35	27.40	0.2
	0.4s	12.00nm				
		eSn	35	46.00		
MEM	1.31	224	iPc	35	28.31	-0.1
		iS	35	47.60		
ABH	1.68	178	ePn	35	33.77	0.0
RUP	1.87	187	ePn	35	36.99	0.4
WLF	2.06	204	iPc	35	43.00	3.7X

S.D. = 0.4 on 6 of 7 obs.
 & SEP 09, 1992 01h 57m 48.48s
 57.779 N 142.641 W
 DEPTH = 10.0km (geophysicist)
 GULF OF ALASKA (15)
 <AEIC>. ML 2.7 (AEIC).

PNL	2.54	40	eP	58	24.84	-5.6
			S	58	53.53	
PCA	2.63	27	eP	58	26.31	-5.5
			S	58	56.65	
YAH	2.63	10	iP	58	26.60	-5.4
BCPM	2.68	34	eP	58	27.06	-5.4
			S	58	57.28	
BALM	3.27	3	eP	58	36.00	-4.9

5 obs. associated
 ? SEP 09, 1992 02h 04m 41.85±6.03s
 39.688 N ± 24.4km 26.123 E ± 44.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EZN	0.21	48	iPg	04	46.60	0.2
			eSg	04	49.00	
EDC	1.49	63	iPn	05	07.00	-1.7
BNT	1.53	64	iPn	05	08.40	-0.9
KCT	1.81	71	iPn	05	14.90	1.6
DST	1.94	92	iPn	05	15.30	0.1
CTT	2.29	50	ePn	05	20.40	0.2
DMK	2.47	30	ePn	05	23.00	0.3
YLV	2.64	70	ePn	05	25.40	0.1

S.D. = 1.1 on 8 of 8 obs.
 ? SEP 09, 1992 02h 43m 04.32±5.19s
 3.795 N ± 62.8km 129.938 E ± 22.9km
 DEPTH = 160.4 ± 23.1 km
 4.8mb (4 obs.)
 NORTH OF HALMAHERA, INDONESIA (264)

TNE	3.95	221	iP	44	05.00	0.1
			e(S)	44	40.50	
WWKK	15.53	118	eP	46	36.00	-0.2
MTN	16.57	176	eP	46	49.00	0.1
KNA	19.45	183	eP	47	20.00	-0.9
WB2	23.99	170	iPd	48	08.10	2.6X
	0.2s	15.60nm			5.2mb	
		i	48	18.30		
		eS	52	09.60		

QIS	25.99	159	iPc	48	29.10	5.0X
	0.9s	14.00nm			4.6mb	
ASPA	27.57	172	iPc	48	40.00	1.6
	0.4s	11.50nm			4.9mb	
WARB	29.97	186	eP	48	59.00	-0.7
STK	37.17	163	iPd	50	05.70	4.3X
	0.4s	7.50nm			4.8mb	

S.D. = 1.4 on 6 of 9 obs.
 & SEP 09, 1992 04h 17m 11.22s
 33.994 N 116.346 W
 DEPTH = 1.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS), 2.8 (GS).

PEC	0.68	262	iPc	17	24.09	-0.8
			S	17	33.06	
PLM	0.77	214	iPd	17	25.81	-0.8
			S	17	36.47	
SSK	1.14	281	ePnc	17	32.30	-1.2
			eS	17	48.25	
GLA	1.58	126	ePn	17	39.23	-1.2
ABL	2.53	291	ePn	17	52.09	-2.2
TPNV	2.95	2	ePn	17	58.96	-1.3
			eS	18	45.03	
BCH	3.30	292	ePn	18	03.70	-1.5
TNP	4.14	350	ePn	18	16.13	-1.0
BONR	4.26	339	(Pn)	18	18.04	-0.9
ARUT	4.46	31	ePn	18	19.77	-1.9
			ePg	18	34.15	
			eS	19	35.45	
MSU	5.63	36	ePn	18	36.86	-1.5

11 obs. associated
 * SEP 09, 1992 04h 35m 32.80±1.94s
 8.323 N ± 24.1km 82.864 W ± 7.0km
 DEPTH = 10.0km (geophysicist)
 PANAMA-COSTA RICA BORDER REGION (80)
 MD 4.3 (SJR). Felt along the
 coast of Chiriqui Province,
 Panama.

DVD	0.42	75	eP	35	41.00	-0.5
			eS	35	48.00	
ACR	0.44	318	ePc	35	41.46	-0.4
			eS	35	43.68	
OCR	1.69	310	ePc	36	01.86	-0.6
URSC	1.75	329	ePd	36	03.80	0.2
LCR2	1.80	322	ePd	36	03.80	-0.6
ICR	1.90	330	ePc	36	06.80	0.8
SJS	1.99	324	ePc	36	07.10	0.1
JCR	2.69	305	ePc	36	17.42	0.5
VCR	3.27	303	ePc	36	25.14	-0.1
ECO	3.30	72	eP	36	26.00	0.4
UPA	3.36	79	eP	36	30.50	4.1X

S.D. = 0.6 on 10 of 11 obs.
 ? SEP 09, 1992 06h 22m 31.80±5.47s
 32.110 S ± 44.6km 71.241 W ± 20.0km
 DEPTH = 70.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

JACH	0.79	136	iP	22	47.93	-0.2
			iS	23	00.67	
ROCH	0.88	167	iPd	22	49.42	0.1
			iS	23	03.83	
PEL	1.13	156	iP+	22	52.42	0.1
			iS	23	07.77	
LCCH	1.39	191	iPd	22	56.00	0.3
			iS	23	15.71	
SAN	1.43	160	iP	22	56.43	0.2
			iS	23	15.77	
FCH	1.46	147	iP	22	56.97	0.1
			iS	23	16.93	
TACH	1.56	171	iPd	22	58.13	0.1
			iS	23	18.93	
PCH	1.63	158	iPd	22	58.81	-0.2

			iS	23	20.77	
LNV	1.85	184	iPd	23	01.30	-0.6
			iS	23	26.86	
CHCH	1.88	165	iPd	23	02.31	-0.2
			iS	23	26.24	
CACH	2.07	165	iPd	23	05.27	0.1
			iS	23	32.83	

S.D. = 0.3 on 11 of 11 obs.
 & SEP 09, 1992 06h 32m 06.53s
 35.073 N 116.999 W
 DEPTH = 3.4km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.8 (PAS).

SSK	1.03	214	ePn	32	25.72	-1.1
			eSg	32	42.52	
PEC	1.19	187	iPd	32	28.47	-0.8
			eS	32	44.61	
ISA	1.34	296	ePnc	32	30.89	-1.1
			ePg	32	32.25	
			eS	32	50.88	
PLM	1.72	176	ePn	32	37.59	-0.1
			iPg	32	38.46	
TPNV	1.97	18	ePn	32	41.11	-0.1
			eS	33	09.62	
GLA	2.70	138	ePg	32	56.40	4.7
			eS	33	32.04	
BONR	3.06	340	ePn	32	57.31	0.3
			ePg	33	05.28	
ARUT	3.95	46	(Pn)	33	09.94	0.5
			ePg	33	19.67	
			S	34	10.16	
MSU	5.17	47	(Pg)	33	42.35	15.4

9 obs. associated
 & SEP 09, 1992 07h 16m 48.93s
 35.075 N 117.001 W
 DEPTH = 0.7km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.1 (PAS), 2.7 (GS).

SSK	1.03	214	ePnd	17	08.26	-1.2
PEC	1.19	186	ePnd	17	11.04	-0.9
ISA	1.34	296	ePn	17	13.32	-1.3
PLM	1.72	176	ePn	17	19.44	-1.0
ABL	1.84	264	ePn	17	21.12	-1.0
			eS	17	47.50	
TPNV	1.97	18	ePn	17	22.46	-1.5
			S	17	52.01	
BCH	2.53	273	ePn	17	30.74	-1.3
GLA	2.71	138	ePn	17	30.40	-4.1
TNP	3.01	357	ePn	17	36.00	-2.9
BONR	3.06	340	(Pn)	17	37.76	-1.9
ARUT	3.95	46	ePn	17	50.34	-1.8
			ePg	18	01.72	
MSU	5.17	47	(Pn)	18	07.55	-2.1

12 obs. associated
 * SEP 09, 1992 08h 20m 18.37±1.89s
 41.465 N ± 12.3km 29.316 E ± 11.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

ISK	0.44	206	ePg	20	27.40	0.0
HRT	0.70	157	iPg	20	32.40	0.2
CTT	0.74	245	iPg	20	32.90	0.0
			eSg	20	41.90	
YLV	0.90	177	iPn	20	35.20	-0.5
DMK	1.22	287	iPn	20	41.00	-0.1
KCT	1.42	211	iPn	20	44.40	0.2
BNT	1.53	224	ePn	20	45.90	0.1
DST	1.93	196	ePn	21	17.30	25.7X

S.D. = 0.3 on 7 of 8 obs.
 & SEP 09, 1992 10h 47m 09.58±1.69s
 9.757 N ± 10.3km 84.183 W ± 19.2km
 DEPTH = 33.0km (normal)
 COSTA RICA (78)
 MD 4.3 (SJR).

LCR2	0.18	95	ePd	47	16.10	-0.1
SJS	0.22	35	ePd	47	16.22	-0.3
OCR	0.33	177	ePc	47	18.14	0.4
URSC	0.41	79	ePd	47	19.48	0.5
ICR	0.41	57	ePd	47	19.37	0.1
ACR	1.49	137	ePc	47	33.72	-0.6

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

SEP 09, 1992 10h 55m 56.74s
 56.683 N 152.638 W
 DEPTH = 10.0km (geophysicist)
 KODIAK ISLAND REGION (13)
 <AEIC>. ML 2.9 (AEIC).

KDC	1.07	4	iPc	56	12.77	-4.1
SYI	1.94	4	eP	56	25.54	-4.5
CDD	2.32	347	eP	56	31.42	-4.1
			eS	56	53.58	
AUI	2.69	351	eP	56	36.50	-4.4
AUE	2.71	352	eP	56	37.12	-4.0
AUH	2.72	351	eP	56	37.10	-4.3
AUW	2.73	351	eP	56	37.16	-4.2
AUL	2.74	351	eP	56	38.52	-3.0
XLV	2.82	10	eP	56	38.18	-4.5
CNPM	2.95	14	eP	56	39.14	-5.3
OPT	3.00	354	eP	56	40.62	-4.5
HOM	3.03	10	eP	56	40.99	-4.6
BGM	3.05	334	eP	56	39.94	-5.9
PDB	3.22	346	eP	56	42.72	-5.6
BRK	3.23	16	eP	56	43.66	-4.8
RS1	3.79	359	eP	56	51.61	-5.0
RS0	3.79	359	eP	56	51.58	-5.1
RS2	3.79	359	eP	56	51.63	-5.0
RDW	3.81	359	eP	56	51.65	-5.3
REF	3.82	360	iPd	56	51.14	-5.9
SEW	3.82	25	eP	56	50.75	-6.1
NCT	3.89	358	eP	56	52.69	-5.3
RDT	3.90	2	eP	56	52.30	-5.8
DFR	3.92	360	eP	56	53.14	-5.2
SLKM	4.04	17	eP	56	53.27	-6.7
MPA	4.18	23	eP	56	54.93	-7.0
BKG	4.41	2	eP	56	59.38	-5.8
KNIM	4.48	33	eP	56	58.14	-8.1
CKL	4.53	2	eP	57	01.31	-5.7
PTE	4.60	23	eP	57	00.96	-6.8
BGL	4.60	1	eP	57	02.77	-5.2
CRP	4.61	3	eP	57	01.87	-6.3
CGLM	4.65	4	eP	57	02.81	-5.9
SVW	4.70	342	eP	57	02.29	-7.1
	0.5s			3.63nm		
NCG	4.74	3	eP	57	04.32	-5.7
PMS	4.84	18	eP	57	05.84	-5.6
SUA	4.89	11	eP	57	05.89	-6.3
GLI	5.10	32	eP	57	07.02	-8.0
FID	5.19	36	eP	57	07.23	-9.0
PMR	5.24	19	eP	57	11.00	-6.0
CVA	5.29	40	eP	57	10.24	-7.4
KLU	5.94	33	(P)	57	18.78	-8.0
BALM	6.89	46	eP	57	29.54	-10.8
FBA	8.58	14	(P)	57	54.60	-9.1

44 obs. associated

SEP 09, 1992 10h 57m 24.46±0.52s
 10.838 N ± 9.1km 86.482 W ± 8.1km
 DEPTH = 33.0km (normal)
 4.5mb (10 obs.) 4.2Msz (1 obs.)
 OFF COAST OF COSTA RICA (77)
 MD 4.6 (SJR).

JCR	1.67	126	ePc	57	49.95	-1.9
SJS	2.55	110	ePd	58	06.29	1.7
LCR2	2.67	114	eP	58	06.47	0.2
OCR	2.68	121	eP	58	05.80	-0.4
ICR	2.74	108	eP	58	08.57	1.1
URSC	2.84	110	ePd	58	09.35	0.7
ACR	3.92	123	ePd	58	23.42	-0.5
OXH	11.72	303	(P)	00	14.50	1.9
TPM	14.60	305	(P)	00	50.00	-0.8
ILI	14.63	302	(P)	00	53.00	1.8
MRX	16.69	304	(P)	01	22.00	4.4X
HBF	22.70	13	eP	02	26.17	1.7
SGS	22.92	13	eP	02	28.78	2.2
PRM	23.44	9	iPd	02	32.83	1.1
JSC	23.82	11	ePc	02	36.18	0.8
LHS	24.10	12	ePc	02	38.59	0.5
GBTN	24.80	4	iPc	02	45.04	0.1
OLY	24.97	350	eP	02	44.28	-2.2
VVO	25.80	342	eP	02	53.20	-1.1
CEH	25.83	14	iPd	02	54.84	0.3
	0.8s			36.46nm		5.0mb
TUL	26.35	343	eP	02	58.40	-1.0
	0.9s			21.10nm		4.7mb
			e	03	06.30	

RLO	26.37	344	eP	02	58.40	-1.2
ELC	26.45	355	ePd	02	58.60	-1.6
NAV	26.86	10	eP	03	03.08	-1.0
ALO	30.11	326	iPc	03	34.33	0.7
	1.0s			4.55nm		4.2mb
JFWS	32.12	355	eP	03	48.20	-2.8
	0.8s			15.71nm		5.0mb
ZOBO	32.50	146	eP	03	56.00	0.8
	18s			0.42um		4.2Msz
			S	09	20.00	
			LR	15	06.00	
GOL	33.28	333	ePc	04	00.68	-0.8
	0.7s			3.49nm		4.4mb
PV10	34.05	327	eP	04	08.00	-0.1
GLA	34.15	315	(P)	04	07.83	-1.0
RSNY	35.13	15	ePc	04	15.45	-1.6
	0.8s			7.82nm		4.7mb
SRU	35.38	327	ePc	04	18.71	-0.7
PLM	35.75	314	eP	04	23.55	0.9
EMUT	36.04	327	eP	04	25.15	0.1
ARUT	36.12	322	eP	04	26.01	0.3
EEO	36.23	9	ePc	04	27.90	1.6
PEC	36.24	314	(P)	04	27.78	1.2
RSSD	36.47	339	eP	04	28.21	-0.3
	0.8s			2.13nm		4.1mb
DAU	36.71	328	(P)	04	30.29	-0.4
BW06	37.64	332	eP	04	38.00	-0.4
	1.0s			4.17nm		4.3mb
LMN	39.49	24	eP	04	56.00	2.4
ULM	40.05	351	eP	05	06.00	7.8X
LRM	41.31	332	eP	05	10.20	1.4
BAO	46.31	124	Pc	05	49.00	-0.4
			e	05	53.90	
			e	05	56.80	
BDF	46.39	124	Pc	05	50.00	-0.1
YKA	55.41	345	eP	06	55.30	-2.4
	0.8s			1.70nm		4.1mb
LIC	80.49	85	eP	09	33.00	-2.4
ADK	81.69	321	eP	09	42.20	1.3
	0.8s			19.31nm		5.2mb
WB2	139.69	252	ePKP	16	54.90	3.3X
	0.7s			1.90nm		
CHG	150.05	350	ePKP	17	13.90	4.9X

S.D. = 1.3 on 46 of 50 obs.

SEP 09, 1992 11h 03m 44.69±0.36s
 40.331 N ± 3.8km 28.683 E ± 2.9km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 Felt at Burso.

KCT	0.26	252	iPg	03	50.90	0.6
YLV	0.58	66	iPg	03	56.60	0.2
BNT	0.58	273	iPg	03	56.40	-0.1
EDC	0.63	272	iPg	03	57.00	-0.3
DST	0.73	183	iPg	03	59.20	0.2
GBZT	0.74	52	iPg	03	58.50	-0.7
			iSg	04	09.00	
ISK	0.79	21	iPg	04	00.40	0.4
CTT	0.84	347	iPg	04	01.40	0.5
HRT	0.90	57	iPg	04	01.40	-0.5
EYL	1.15	78	iPn	04	06.40	0.1
MFT	1.16	294	iPg	04	05.40	-1.0
GPA	1.24	91	iPn	04	08.00	0.2
DMK	1.65	335	iPn	04	14.00	0.3
KHL	2.11	162	ePn	04	20.40	-0.2
MLR	5.54	340	eP	05	09.50	0.3
VRI	5.72	346	eP	05	16.00	4.3X
DEV	6.98	325	iPc	05	23.00	-6.3X

S.D. = 0.5 on 15 of 17 obs.

SEP 09, 1992 11h 10m 38.46±0.51s
 40.356 N ± 5.3km 28.685 E ± 4.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

KCT	0.27	247	iPg	10	44.40	0.2
YLV	0.57	68	iPg	10	49.40	-0.6
BNT	0.58	270	iPg	10	49.90	-0.4
			iSg	10	58.40	
EDC	0.63	269	iPg	10	50.50	-0.6
			eSg	10	59.50	
GBZT	0.72	53	ePg	10	53.00	0.3
			iSg	11	02.00	
DST	0.75	183	iPg	10	53.70	0.5
			iSg	11	03.70	

ISK	0.76	22	iPg	10	52.90	-0.4
			iSg	11	09.90	
CTT	0.81	346	iPg	10	55.40	1.2
			eSg	11	05.90	
GPA	1.24	93	ePn	11	01.50	-0.1
DMK	1.62	335	ePn	11	07.00	-0.2

S.D. = 0.6 on 10 of 10 obs.

SEP 09, 1992 11h 11m 03.50±0.32s
 39.780 N ± 3.5km 25.632 E ± 2.9km
 DEPTH = 11.2 ± 2.1 km
 AEGEAN SEA (365)
 MD 3.8 (ATH), 3.8 (THE).

PRK	0.73	137	ePb	11	19.00	1.3
ALN	1.16	16	ePg	11	25.16	0.1
			eSg	11	40.84	
OUR	1.38	294	ePb	11	28.73	0.1
PAIG	1.51	276	ePb	11	30.68	0.2
			eSb	11	50.08	
BNT	1.85	71	ePn	11	35.40	0.0
KDZ	1.88	355	iPc	11	35.00	-0.7
RZN	2.03	340	iPc	11	38.00	-0.1
SOH	2.03	302	ePb	11	38.44	0.4
SRS	2.05	311	ePb	11	38.42	0.1
KCT	2.14	77	ePn	11	39.40	-0.3
THE	2.21	293	ePn	11	41.12	0.5
DIM	2.27	358	iP	11	42.00	0.6
MMB	2.32	322	iPc	11	42.00	-0.2
DST	2.32	93	iPn	11	40.70	-1.5
ATH	2.34	220	ePn	11	41.00	-1.5
PLD	2.43	343	iP	11	44.40	0.8
LIT	2.44	279	ePn	11	44.52	0.7
KNT	2.50	304	ePn	11	45.26	0.5
			eSn	12	13.32	
CTT	2.53	56	ePn	11	46.40	1.2
AGG	2.67	255	ePn	11	47.64	0.5
GRG	2.73	296	ePn	11	48.96	0.8
ISK	2.91	63	iPn	11	51.40	0.8
PGB	2.98	339	iPc	11	51.00	-0.6
KZN	3.01	281	ePn	11	55.80	3.8X
GBZT	3.09	70	ePn	11	59.00	6.0X
			iSg	12	41.00	
PVL	3.44	356	iP	11	57.00	-1.0
GPA	3.63	80	ePn	12	01.00	0.2
VLI	3.72	216	ePn	12	00.60	-1.5
SKO	3.86	306	ePn	12	09.00	5.0X
			i	12	13.50	
			i	12	19.60	
OHR	3.92	291	ePn	12	05.30	0.4
ELL	4.53	131	ePn	12	14.00	0.4
COZ	5.62	351	eP	12	31.00	1.9X
MLR	5.71	2	iPc	12	30.50	0.1
TNR	5.95	351	ePc	12	32.00	-1.6
VRI	6.14	7	iPc	12	36.00	-0.2
CLI	6.87	10	ePd	12	46.00	-0.6

S.D. = 0.8 on 32 of 36 obs.

SEP 09, 1992 11h 12m 02.78±1.08s
 32.077 S ± 5.9km 71.806 W ± 12.0km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.1 (SAN).

IHA	0.96	172
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09d 11h

CACH 2.27 154 eP 13 10.50 1.0
S.D. = 0.5 on 13 of 13 obs.

* SEP 09, 1992 11h 14m 45.32±1.08s
32.173 S ± 6.5km 71.652 W ±13.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.2 (SAN).

IHA	0.85	179	eP	15	02.00	1.1
			iS	15	13.20	
ROCH	0.96	146	iPd	15	01.94	-0.8
			iS	15	17.54	
JACH	1.03	120	iPd	15	03.36	-0.2
			iS	15	19.16	
PEL	1.27	140	iP	15	07.02	0.2
			iS	15	25.66	
LCCH	1.30	177	iP	15	05.69	-1.6
			iS	15	24.42	
SAN	1.52	147	eP	15	10.62	0.0
			iS	15	32.72	
TACH	1.59	158	iP	15	11.56	0.0
			iS	15	34.33	
FCH	1.63	135	eP	15	12.57	0.2
			iS	15	35.87	
PCH	1.73	147	iP	15	14.01	0.3
			iS	15	39.31	
LNK	1.79	174	iP	15	14.55	0.2
			iS	15	39.10	
CHCH	1.95	155	eP	15	16.80	0.1
			iS	15	44.08	
TLL	2.13	20	eP	15	19.50	0.0
			iS	15	48.90	
CACH	2.13	156	iPd	15	19.85	0.4

& SEP 09, 1992 11h 41m 36.11s
35.077 N 117.000 W
DEPTH = 3.4km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.6 (PAS), 3.4 (GS).

SSK	1.04	214	ePn	41	55.18	-1.2
PEC	1.19	186	ePn	41	57.81	-1.1
ISA	1.34	296	ePn	42	00.80	-0.7
PLM	1.72	176	ePn	42	06.56	-0.7
			S	42	31.34	
ABL	1.84	264	ePn	42	08.90	-0.1
TPNV	1.96	18	ePn	42	10.35	-0.4
			S	42	44.10	
BCH	2.53	273	ePn	42	18.23	-0.6
GLA	2.71	138	ePn	42	19.60	-1.7
PHAM	2.88	286	(P)	42	23.60	-0.1
TNP	3.00	357	ePn	42	24.84	-0.8
BONR	3.06	340	ePn	42	26.50	0.0
ARUT	3.94	46	ePn	42	37.83	-1.2
ARN	4.31	303	(P)	42	42.79	-1.3
			eS	43	59.04	
MSU	5.17	47	ePn	42	55.80	-0.7
SRU	6.56	50	(P)	43	14.76	-1.2

& SEP 09, 1992 11h 44m 55.00s
35.077 N 116.996 W
DEPTH = 0.6km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 4.2 (PAS), 4.1 (BRK), 4.0 (GS). Felt (III) at Daggett.

SSK	1.04	214	iPd	45	14.38	-1.2
PEC	1.19	187	iPd	45	17.13	-1.0
			iS	45	33.17	
ISA	1.34	296	iPc	45	19.63	-1.1
			eS	45	40.02	
PLM	1.72	176	iPnd	45	25.54	-1.0
			eS	45	42.06	
ABL	1.84	264	ePn	45	26.08	-2.2
			eS	45	53.14	
TPNV	1.96	18	ePn	45	29.21	-0.8
			eS	45	58.74	
BCH	2.53	273	ePnc	45	36.82	-1.3
			eS	46	10.77	
GLA	2.71	138	ePn	45	37.03	-3.5
PKEM	2.72	292	ePn	45	41.11	0.4
PHAM	2.88	286	ePn	45	41.83	-1.2

FRI	2.91	312	eP	45	42.04	-1.4
			eS	46	24.13	
TNP	3.00	357	iPnd	45	43.77	-1.1
			iPc	45	50.88	
BONR	3.06	340	ePn	45	44.77	-1.0
			ePc	45	51.99	
PRI	3.17	291	eP	45	46.01	-1.2
LLA	3.56	297	eP	45	51.59	-1.0
PRS	3.77	291	ePc	45	54.24	-1.4
ARUT	3.94	46	ePn	45	56.75	-1.5

SAO	3.98	296	eP	45	57.18	-1.5
KVN	4.06	348	(P)	45	59.91	0.0
ARN	4.31	303	ePnc	46	02.84	-0.5
GCC	4.50	297	iPd	46	04.49	-1.4
PCC	4.98	301	eP	46	11.20	-1.5
ZSP	5.11	306	eP	46	13.61	-1.0
MSU	5.17	47	ePn	46	14.53	-1.2
ORV	5.73	323	ePn	46	23.76	0.3
TUC	5.87	116	ePnc	46	20.97	-4.4
SRU	6.55	50	ePn	46	35.52	0.3
			ePc	46	56.51	
EMUT	6.82	44	ePn	46	39.51	0.5
			ePc	47	01.57	
DAU	7.00	39	ePnc	46	41.82	0.2
			ePc	47	07.18	
PV10	7.19	60	ePn	46	42.79	-1.4
HVU	7.47	25	(Pn)	46	50.41	2.5
			ePc	47	16.48	
ALO	8.65	88	(Pn)	47	04.48	0.0
			ePc	47	28.26	
			eS	49	31.17	
HHA1	8.95	22	ePn	47	08.05	-0.6
LRM	11.27	16	eP	47	45.90	5.3
FVM	21.52	74	(P)	49	45.72	-1.9

& SEP 09, 1992 12h 50m 45.14s
33.947 N 116.330 W
DEPTH = 5.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.3 (PAS), 4.3 (BRK), 4.1 (GS). Felt (IV) at La Quinto and Yucca Valley. Felt (III) at Morongo Valley.

PEC	0.69	266	iPc	50	57.90	-1.1
PLM	0.74	217	iPd	50	59.02	-0.9
SSK	1.16	283	iPnc	51	06.25	-1.2
GLA	1.54	125	ePn	51	10.68	-2.6
ISA	2.46	315	ePnc	51	24.27	-2.3
			iPc	51	31.20	
			eS	52	00.73	
ABL	2.55	291	ePn	51	26.24	-1.8
TPNV	3.00	1	ePnc	51	33.40	-0.9
			eS	52	19.54	
BCH	3.33	293	ePnd	51	37.36	-1.7
PKEM	3.75	305	(Pn)	51	43.95	-1.0
			ePc	51	54.39	
PHAM	3.84	301	ePn	51	43.82	-2.3
			ePc	51	52.60	
FRI	4.10	319	eP	51	47.66	-2.1
			eS	52	51.48	
PRI	4.18	303	eP	51	50.71	-0.3
TNP	4.19	350	ePnc	51	49.81	-1.4
			ePc	52	02.03	
			eS	52	57.09	
BONR	4.31	339	ePn	51	51.96	-1.1
			ePc	52	06.86	
ARUT	4.49	31	ePnc	51	53.90	-1.7
			ePc	52	08.70	
			eS	53	05.40	
LLA	4.62	307	eP	51	54.69	-2.5
PRS	4.77	301	eP	51	56.02	-3.3
TUC	4.93	108	ePn	51	57.36	-4.4
			ePc	52	16.71	
			eS	53	18.54	
SAO	5.04	305	eP	52	00.69	-2.4
KVN	5.29	345	ePn	52	07.06	0.2
			ePc	52	23.60	
			eS	53	26.70	
ARN	5.43	310	ePn	52	05.72	-3.0
MSU	5.66	35	ePnc	52	10.52	-1.7
			ePc	52	30.34	
			eS	53	42.53	
SRU	6.96	41	ePn	52	28.13	-2.2

			ePc	52	39.78	
			eS	54	21.98	
ORV	6.97	325	ePn	52	28.93	-1.4
			eS	54	18.89	
EMUT	7.33	35	ePn	52	35.82	0.1
			eS	54	36.18	
PV10	7.37	51	ePn	52	35.00	-1.2
DAU	7.62	31	ePn	52	39.93	0.2
			ePc	53	07.93	
			eS	54	48.87	
ALO	8.22	80	ePn	52	46.12	-1.9
			ePc	53	17.13	
			eS	55	04.33	
HVU	8.31	19	ePn	52	49.05	-0.2
			ePc	53	20.30	
			eS	55	03.18	
LBFM	8.60	331	(Pn)	52	57.23	3.9
			ePc	53	30.57	
			eS	55	23.99	
HHA1	9.83	17	(Pn)	53	08.81	-1.4
BW06	10.29	29	ePn	53	16.70	0.0

& SEP 09, 1992 12h 52m 56.22s
33.951 N 116.333 W
DEPTH = 5.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.5 (PAS), 3.1 (GS).

PEC	0.69	265	iPc	53	08.97	-1.1
			iS	53	15.23	
PLM	0.74	217	iPd	53	10.15	-0.9
			eS	53	18.48	
SSK	1.16	283	ePnc	53	17.76	-0.7
			iPc	53	18.52	
			eS	53	32.86	
ISA	2.45	315	(Pn)	53	35.64	-2.0
			ePc	53	41.04	
			eS	54	13.55	
ABL	2.55	291	ePn	53	38.44	-0.7
			ePc	53	45.59	
			eS	54	17.35	
TPNV	2.99	1	(P)	53	48.98	3.6
			eS	54	30.17	

? SEP 09, 1992 13h 04m 54.58±1.28s
76.691 N ±17.1km 10.877 E ±23.3km
DEPTH = 10.0km (geophysicist)
4.1mb (7 obs.)

SVALBARD REGION (643)

ARA0	8.32	142	Pn	06	57.88	-0.1
			Sn	08	26.28	
KAF	15.52	152	iP	08	34.60	0.0
	0.7s		8.00nm			4.1mb
NB2	15.73	179	P	08	36.00	-1.5
	1.0s		3.10nm			3.5mb
NRA0	16.04	179	Pn	08	43.29	1.9
NUR	16.92	156	eP	08	52.50	0.0
	0.5s		3.90nm			3.8mb
MBC	24.67	334	ePn	10	21.00	5.0X
	1.0s		7.00nm			4.3mb
CLL	25.50	177	e(P)	10	33.00	9.0X
MOX	26.15	179	eP	10	29.20	-0.9
	1.4s		20.00nm			4.6mb
OJC	26.80	167	eP	10	46.70	10.6X
GEC2	27.97	176	ePc	10	47.00	0.1
	0.9s		1.82nm			3.8mb
			e	10	54.80	
			e	10	59.90	
SES	48.01	313	eP	13	35.00	-0.1
BCAO	72.32	172	ePc	16	22.50	0.6

S.D. = 1.1 on 9 of 12 obs.

SEP 09, 1992 13h 08m 54.83±0.10s
76.208 N ±1.6km 7.286 E ±2.5km
DEPTH = 24.0km (46 depth phases)
5.7mb (104 obs.) 5.8Msz (46 obs.)
SVALBARD REGION (643)
Mo=2.5*10**18 Nm (PPT).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 74C
Centroid Location:
Origin Time 13:08:58.3 0.2

Lat 76.12N 0.04 Lon 6.19E 0.10				S 19 02.00				1.5s 255.95nm 5.7mb			
Dep 15.0 FIX Half-duration 2.8				ENN 25.55 182 eP 14 23.00 0.2				SLE 28.55 178 P 14 50.33 0.0			
Moment Tensor: Scale 10**18 Nm				1.4s 568.00nm 6.0mb				ZLA 28.83 178 P 14 54.50 1.6			
Mrr=-0.71 0.02 Mtt=-0.30 0.04				BRG 25.57 170 iPd 14 21.60 -1.4				SRO 28.85 165 iP 14 53.00 0.0			
Mff= 1.01 0.03 Mrt= 0.18 0.06				1.7s 200.00nm 5.5mb				PSZ 28.86 162 eP 14 51.00 -2.1			
Mrf=-1.27 0.10 Mtf= 0.31 0.02				Z 18s 12.00um 5.5msz				MOTA 29.01 175 iPd 14 54.60 0.0			
Principal Axes:				N 18s 8.00um				1.3s 173.00nm 5.6mb			
T Val= 1.71 Plg=27 Azm= 96				E 18s 5.00um				WATA 29.03 174 iPd 14 54.80 0.0			
N -0.24 16 358				i 14 29.20 27km				i 15 02.10 25km			
P -1.47 58 242				ePcP 17 54.60				i 15 09.20			
Best Double Couple:Mo=1.6*10**18				eS 18 50.00				LOR 29.08 185 eP 14 54.10 -0.9			
NP1:Strike=220 Dip=23 Slip= -46				MEM 25.70 182 iPc 14 25.18 0.9				1.2s 95.80nm 5.4mb			
NP2: 353 74 -106				KSP 25.71 167 iP 14 24.00 -0.4				Z 23s 8.27um 5.3mszX			
				1.7s 311.00nm 5.7mb				WTTA 29.10 174 iPd 14 55.70 0.2			
				e 17 54.00				1.5s 137.00nm 5.5mb			
				eS 18 56.00				i 15 02.90 25km			
KEY 8.62 128 iP 10 56.00 -5.0X				MOX 25.72 174 iPd 14 24.70 0.2				i 15 19.10			
eS 12 23.00				1.6s 644.00nm 6.0mb				SSF 29.29 185 eP 14 56.00 -0.9			
AKU 13.24 231 iPc 12 08.60 5.0X				N 18s 7.90um				1.8s 360.80nm 5.8mb			
2.0s 752.94nm 6.4mb				eS 19 00.00				K8A 29.34 172 iPc 14 57.00 -0.6			
KAF 15.54 145 iP 12 29.60 -4.0X				SNF 25.82 184 iPd 14 25.27 -0.1				1.6s 181.00nm 5.6mb			
0.9s 278.00nm 5.5mb				ic 14 32.36 25km				i 14 58.50 5kmX			
HFS 16.31 169 eP 12 42.20 -1.2				HOF 26.06 173 iPc 14 28.30 0.7				i 15 05.00			
0.9s 145.50nm 5.1mb				DOU 26.23 184 P 14 29.40 0.2				i 15 17.50			
Z 17s 23.29um				Z 21s 5.50um 5.1msz				i 15 29.20			
LR 17 50.00				e 14 42.20 51kmX				i 17 59.10			
UPP 16.82 162 iP 12 47.30 -2.6				S 19 03.00				i 18 14.30			
1.6s 500.00nm 5.4mb				PRU 26.48 169 Pd 14 31.70 0.2				LBF 29.36 185 eP 14 56.70 -0.9			
iS 15 44.00				1.9s 420.70nm 5.7mb				1.4s 231.75nm 5.8mb			
NUR 16.88 149 iP 12 46.80 -3.8X				Z 21s 11.10um 5.4msz				LLS 29.45 178 P 14 59.27 0.7			
0.8s 189.40nm 5.3mb				N 20s 7.60um				OGA 29.48 175 iPc 15 00.60 1.7			
eS 15 36.00				E 19s 3.80um				AVF 29.57 185 eP 14 58.50 -0.9			
EDR 19.71 196 eP 13 24.30 -0.7X				e 14 38.20 23km				1.3s 189.20nm 5.7mb			
1.1s 133.00nm 5.2mb				PP 15 10.00				OSS 29.65 176 P 15 01.04 0.7			
EDU 20.11 197 ePc 13 28.50 -0.7				e 15 40.00				SMF 29.70 185 eP 14 59.50 -1.1			
ELO 20.24 198 eP 13 29.60 -0.9				S 19 08.00				FVI 29.81 172 P 15 02.10 0.6			
EBH 20.44 197 eP 13 31.50 -1.1				SS 20 20.00				BGF 29.81 186 eP 15 00.90 -0.7			
EAB 20.56 199 eP 13 30.00 -3.9X				OJC 26.56 162 eP 14 32.10 -0.1				1.4s 407.75nm 6.0mb			
1.0s 75.00nm 5.0mb				1.4s 652.00nm 6.1mb				VDL 29.84 177 P 15 03.19 1.1			
EDI 20.74 197 ePc 13 34.70 -1.0				Z 20s 16.80um 5.6msz				MFF 29.87 190 eP 15 01.20 -0.9			
0.9s 227.00nm 5.6mb				i 14 32.70 2kmX				1.6s 210.80nm 5.7mb			
EAU 20.84 197 ePc 13 35.90 -0.8				i 14 40.90				UZD 30.09 164 e(P) 15 04.00 0.0			
EBL 20.88 197 eP 13 35.40 -1.8				i 14 49.00				TCF 30.10 187 eP 15 03.40 -0.8			
EKA 21.33 197 P 13 41.00 -0.7				i 19 09.00				1.2s 194.00nm 5.8mb			
2.8s 615.80nm 5.5mb				i 19 22.00				MAF 30.15 187 eP 15 03.90 -0.8			
ESK 21.35 197 ePc 13 41.20 -0.7				WLF 26.65 182 iPc 14 34.31 1.4				1.1s 124.55nm 5.7mb			
1.0s 160.00nm 5.4mb				GRF 26.66 174 iPd 14 33.40 0.2				LSF 30.16 188 eP 15 03.80 -0.9			
DMU 23.05 202 eP 13 59.70 0.9				2.9s 803.00nm 5.8mb				1.2s 133.90nm 5.6mb			
WME 23.33 198 eP 14 00.50 -1.0				Z 18s 7.50um 5.3msz				TMA 30.21 178 P 15 07.00 1.6			
1.2s 59.00nm 5.0mb				e 14 39.90 23km				DIX 30.23 180 P 15 06.23 0.6			
WIT 23.49 181 ePc 14 05.00 1.9				eS 19 16.50				EMS 30.24 180 P 15 07.50 1.9			
DLF 23.61 201 eP 14 04.90 0.7				WET 27.26 172 iPc 14 39.70 1.1				MMK 30.26 179 P 15 07.00 1.1			
OBN 23.84 136 iPc+ 14 05.70 -0.7				Z 17s 14.00um 5.6mszX				VVI 30.40 173 P 15 07.50 0.6			
1.2s 620.00nm 6.0mb				VRAC 27.26 167 iPd 14 38.60 0.1				VOY 30.41 171 eP 15 06.60 -0.4			
Z 18s 26.00um 5.7msz				1.5s 642.00nm 6.1mb				LJU 30.42 170 ePd 15 06.60 -0.4			
N 16s 25.00um				e 14 46.30 27km				ePcP 18 06.00			
E 14s 6.50um				Sg 41 56.80				eScP 21 48.50			
eP 14 23.00 76kmX				KHC 27.30 171 Pd 14 39.00 0.0				PTJ 30.63 168 eP 15 07.90 -1.0			
iS 14 30.00				1.4s 73.00nm 5.2mb				ORO 30.69 179 P 15 10.70 1.2			
iPP 14 41.00				Z 18s 16.50um 5.6msz				ZAG 30.71 168 iPc 15 10.60 1.1			
ePPP 14 54.00				N 18s 9.90um				TRI 30.72 171 ePc 15 09.40 -0.2			
i 15 48.00				E 20s 4.70um				ePP 16 00.00			
iS 18 22.00				e 14 46.00 25km				eS 20 16.00			
eSS 19 05.00				e 15 05.50				eLR 23 50.00			
eSSS 19 48.00				S 19 20.00				LPL 30.80 181 eP 15 10.90 0.3			
LR 20 08.00				GEC2 27.59 171 e(P) 14 41.60 -0.1				1.7s 244.85nm 5.8mb			
BRNL 23.99 171 eP 14 08.00 0.1				0.9s 29.60nm 5.0mb				LPG 30.81 181 eP 15 11.20 0.4			
BRN 24.00 171 eP 14 08.00 0.1				SPC 27.62 161 eP 14 41.70 -0.4				1.6s 376.85nm 6.0mb			
ETA 24.18 200 eP 14 09.70 0.0				i 14 44.10 8kmX				LSD 30.85 180 P 15 10.60 -0.5			
DBN 24.22 183 iP- 14 12.00 1.9				i 14 54.30				CLI 30.89 153 ePd 15 19.50 8.3X			
Z 20s 6.00um 5.1msz				FLN 27.73 191 eP 14 41.20 -1.6				VBY 30.99 169 eP 15 11.50 -0.5			
				Z 20s 2.88um 4.9msz				RJF 31.10 188 eP 15 12.30 -0.7			
WTS 24.31 181 iPc 14 12.70 1.7				LDF 27.88 191 eP 14 42.90 -1.3				1.5s 246.55nm 5.8mb			
1.6s 1156.00nm 6.2mb				1.6s 303.50nm 5.8mb				Z 19s 4.35um 5.1msz			
ECB 24.55 201 eP 14 14.90 1.5				GRR 28.12 192 eP 14 45.00 -1.4				TIM 31.13 161 iPc 15 16.00 2.8			
WAR 24.65 160 P- 14 14.00 -0.3				1.5s 236.10nm 5.7mb				RSP 31.16 180 P 15 13.17 -0.5			
Z 18s 8.50um 5.3msz				FUR 28.19 174 iPd 14 47.20 0.1				BNI 31.26 181 P 15 15.10 0.6			
e 14 32.00 80kmX				Z 14s 9.00um 5.5mszX				RRL 31.39 181 P 15 15.73 -0.1			
S 18 42.00				eS 19 38.50				CAF 31.46 187 eP 15 15.60 -0.6			
ECP 24.70 200 eP 14 13.10 -1.7				VKA 28.29 167 eP 14 47.00 -0.9				BHB 31.47 180 P 15 14.81 -1.4			
MBC 24.73 333 ePd 14 16.40 1.6				Z 16s 7.80um 5.4mszX				LFF 31.49 189 eP 15 15.90 -0.5			
1.0s 224.00nm 5.7mb				i 14 49.50 9kmX				1.7s 237.50nm 5.8mb			
CLL 25.10 172 iP 14 18.20 -0.4				LR 26 05.00				CVO 31.49 154 ePc 15 16.50 0.0			
2.1s 260.00nm 5.5mb				KMR 28.39 170 iP+ 14 50.80 2.0				VRI 31.51 154 eP 15 15.00 -1.5			
Z 18s 15.50um 5.6msz				ZST 28.40 166 iP 14 49.20 0.3				BOB 31.56 177 P 15 18.40 1.3			
				LPF 28.48 192 eP 14 48.40 -1.2				LPO 31.73 188 eP 15 18.20 -0.3			
BNS 25.34 180 iPd 14 20.80 -0.1								1.7s 189.70nm 5.7mb			
Z 20s 22.70um 5.7msz											
UCC 25.54 184 P- 14 23.00 0.3											

09d 13h																					
PCP	31.77	178	P	15	18.19	-0.8	GUD	36.02	195	iPd	15	55.70	0.0	ePP	18	20.00					
MLR	31.80	155	ePd	15	20.00	0.7	BERA	36.04	164	iPd	15	55.70	0.0	e	18	30.50					
PZZ	31.81	180	P	15	19.01	-0.3	VLO	36.24	164	eP	15	57.80	0.4	ePPP	19	20.00					
DOI	31.81	180	P	15	19.60	0.3	MGR	36.36	169	P	15	59.30	1.0	e	20	54.40					
CKI	31.89	179	P	15	20.00	0.1	CTT	36.36	153	eP	15	56.00	-2.4	e	21	25.20					
ROB	32.02	179	P	15	20.55	-0.5	FCC	36.50	301	ePc	16	01.90	2.6	eScP	22	19.80					
STV	32.07	180	P	15	19.42	-2.1	KZN	36.57	161	eP	15	59.60	-0.6	iS	22	58.00					
ENR	32.09	180	P	15	19.11	-2.6	EPLA	36.73	197	iPd	16	01.91	0.4	eSS	26	04.00					
FIN	32.10	179	P	15	20.35	-1.5	TOL	36.77	195	iPd	16	02.30	0.4	e	26	34.00					
MME	32.15	175	P	15	23.30	0.8		2.0s	1647.06nm			6.5mb		e	28	19.00					
CFR	32.34	152	ePc	15	22.50	-1.3					ipP	16	08.50	21km	LR	35	34.00				
IMI	32.40	179	P	15	23.32	-1.1					eS	21	41.00		eP	16	41.75				
SBF	32.45	180	eP	15	25.00	0.2	YKA	36.78	319	eP	16	01.30	-0.4			-0.2					
	1.3s	436.10nm			6.2mb			1.1s	22.30nm			4.9mb				5.5mb					
RSM	32.46	173	P	15	26.30	1.5	TDS	36.87	168	P	16	03.40	0.8	BALM	41.65	338	eP	16	41.72	-0.5	
PGD	32.49	174	P	15	26.20	0.9	ECHE	36.90	191	iPc	16	03.43	0.5		pP	16	50.50	30km			
FIR	32.58	175	eP	15	27.00	1.1	JAQ	36.98	282	ePd	16	02.90	-0.5		i	18	40.11				
			iS	20	44.00		KEK	37.02	164	eP	16	04.00	0.1	LMN	41.77	267	ePc	16	46.00	2.8	
PII	32.62	176	P	15	27.30	1.1	EYL	37.13	151	eP	16	05.40	0.4	TAB	42.00	132	eP	16	48.00	2.6	
CDR	32.64	182	ePc	15	26.40	-0.1	YAK	37.31	41	iPc	16	06.00	-0.1	CRP	42.15	345	ePd	16	46.15	-0.3	
CRE	32.74	174	P	15	28.30	0.8		2.0s	3000.00nm			6.8mb	X	CPKM	42.16	345	eP	16	46.45	-0.1	
FRF	32.75	181	eP	15	27.10	-0.3		Z	20s	4.60um		5.3Msz		SVW	42.50	348	iPd	16	50.50	1.3	
	1.5s	197.45nm			5.8mb			N	17s	4.30um					1.4s	715.43nm			6.2mb		
LRG	32.86	181	eP	15	28.10	-0.2		E	16s	4.80um						pP	16	57.13	22km		
	1.4s	139.40nm			5.7mb						iPP	17	28.00	SLKM	42.78	344	iPd	16	52.01	0.6	
	Z	22s	16.20um		5.7Msz						ePPP	17	49.00			pP	16	59.13	24km		
BUC	32.88	155	ePc	15	29.00	0.5					iS	21	49.00	REF	42.96	346	eP	16	53.02	0.0	
ARV	32.90	172	P	15	29.00	0.3					eSS	24	33.00	PPCY	43.00	149	eP	16	52.00	-1.4	
BUC1	32.94	155	ePc	15	32.00	3.0X					eScS	26	22.00	CSS	43.04	148	eP	16	54.20	0.4	
LMR	32.98	181	eP	15	29.10	-0.3	KVT	37.39	143	iP	16	07.80	0.7	EMM	43.46	269	eP	16	56.56	-0.4	
	1.4s	109.35nm			5.6mb		IMA	37.46	347	eP	16	08.28	0.8	BHL	44.39	146	P	17	04.00	-0.8	
ASS	33.32	173	P	15	32.90	0.5		1.8s	249.35nm			5.7mb				S	23	40.00			
PLE	33.39	164	iPd	15	33.56	0.5	EVIA	37.92	193	iPd	16	12.47	0.8	BNH	44.50	272	eP	17	05.11	-0.4	
EPF	33.41	189	eP	15	32.40	-0.8	ACU	37.95	190	eP	16	13.24	1.4	ULM	44.83	298	ePd	17	11.60	3.5X	
	1.5s	323.85nm			6.0mb		PRK	38.01	156	eP	16	12.80	0.6	SIT	44.85	332	P	17	20.00	11.9X	
EMON	33.47	199	iPd	15	33.31	-0.4	FBA	38.26	343	iPd	16	15.64	1.6		Z	19s	3.01um		5.2Msz		
BRY	33.76	165	iPd	15	35.65	-0.7		1.9s	494.40nm			6.0mb		HRI	45.03	146	iPc	17	10.10	0.1	
PGF	33.77	178	eP	15	36.10	-0.3					e	16	21.82	21km	RSNY	45.32	276	eP	17	12.05	-0.1
	1.6s	268.65nm			5.9mb		ATN	38.32	170	P	16	13.70	-1.2			0.9s	12.00nm		4.8mb		
NKY	33.88	164	iPd	15	36.60	-0.7	LVI	38.39	174	P	16	16.80	1.4		Z	20s	18.44um		6.0Msz		
IYA	33.88	163	iPd	15	37.20	-0.1	GIB	38.44	171	P	16	16.20	0.3			pP	17	19.08	23km		
MAO	33.94	175	P	15	37.40	-0.3	SOI	38.44	169	P	16	14.00	-1.8	WMO	45.67	86	iPd	17	15.40	0.4	
ECRI	33.97	193	iPc	15	38.84	0.8	EBAN	38.47	194	iPc	16	17.55	1.5		1.5s	95.00nm		5.5mb			
PVL	33.99	156	iP	15	38.00	-0.1	MNO	38.52	171	P	16	17.20	0.4		Z	20s	37.40um		6.3Msz		
MNS	34.01	173	P	15	37.90	-0.5	VLS	38.60	163	eP	16	30.20	13.0X		N	11s	13.20um				
AQU	34.06	172	P	15	40.20	1.4	EALH	38.65	191	eP	16	19.18	1.6			pP	17	21.00	19km		
ETER	34.06	186	iPc	15	34.71	-4.1X	CVT	38.71	173	P	16	19.80	1.8			PP	18	59.00			
STS	34.12	201	iPc	15	38.89	-0.4	EHUE	38.75	193	iPc	16	20.50	2.0			S	23	50.00			
PVY	34.16	163	iPd	15	39.19	-0.6	MCT	38.78	172	P	16	09.70	-9.2X			ScS	27	11.00			
HCY	34.21	165	iPd	15	38.75	-1.3	EHOR	38.90	196	eP	16	20.94	1.3	KDC	45.68	345	eP	17	14.98	0.3	
EGRA	34.28	190	iPc	15	41.01	0.4	ATH	39.04	159	eP	16	23.60	2.7		1.3s	390.66nm		6.2mb			
TTG	34.28	164	iPd	15	39.57	-1.0					ePP	17	50.50			pP	17	21.97	23km		
BCI	34.39	163	eP	15	41.10	-0.6					eS	22	24.00	MAIO	46.29	118	iPd	17	20.60	0.7	
BDV	34.39	165	iPd	15	40.66	-1.6	ELUO	39.10	195	iPc	16	23.13	1.7		1.0s	15.00nm		4.9mb			
AZI	34.43	172	P	15	43.20	1.3	EVAL	39.24	198	iPc	16	23.33	0.8			i	19	07.00	592kmX		
ERUA	34.49	199	iPc	15	42.07	-0.4	ECOG	39.34	194	iPc	16	24.62	1.1	JVI	46.29	146	iPc	17	20.00	0.1	
PGB	34.54	158	iP	15	42.00	-1.0	ANM	39.39	355	eP	16	24.62	1.1	HRV	46.54	272	eP	17	21.65	0.0	
RMP	34.58	173	P	15	44.70	1.4					i	16	31.87	24km		0.9s	18.67nm		5.1mb		
RDP	34.63	173	P	15	44.00	0.2	ABA	39.55	185	iP	16	26.50	1.4		Z	19s	11.72um		5.9Msz		
SDA	34.67	164	eP	15	43.40	-0.6	EPRU	39.75	196	eP	16	29.04	2.2								
KKS	34.71	163	eP	15	44.50	0.2	EGUA	39.78	194	iPd	16	28.22	1.2	KSH	47.01	100	P	17	26.40	0.8	
ULC	34.74	164	iPd	15	42.56	-2.1	MAL	39.93	195	iPd	16	29.00	0.8		1.0s	50.00nm		5.5mb			
DUI	34.79	171	P	15	45.50	0.3					iPP	18	05.00		Z	16s	24.80um		6.3MszX		
JMB	34.86	155	iP	15	44.00	-1.6					iS	22	40.00		N	10s	3.02um				
EZAM	34.86	201	eP	15	45.15	-0.5	GIBL	39.94	197	iP	16	31.00	2.7		E	10s	4.63um				
SKO	34.89	161	iP	15	45.50	-0.4	ALJ	40.06	196	eP	16	33.50	4.0X			PP	19	13.00			
	Z	20s	8.46um		5.5Msz		VLI	40.22	160	eP	16	30.20	-0.5	SES	47.70	310	ePd	17	30.50	-0.3	
			i	15	46.70	4kmX	BCK	40.25	151	eP	16	31.20	0.3		1.1s	409.00nm		6.4mb			
			i	15	53.30		EJIF	40.28	196	iPc	16	33.00	1.9	HLW	47.84	151	eP-	17	34.00	1.9	
			i	16	44.00		PLAT	40.62	196	iP	16	36.00	2.0			eP	17	42.00	27km		
			i	17	00.00		OJEN	40.63	196	eP	16	39.00	4.9X			ePP	19	24.00			
			i	18	18.30		TTA	40.70	348	ePd	16	35.91	1.5			eS	24	31.00			
			i	21	20.00			1.6s	220.23nm			5.6mb				eSS	27	07.00			
			i	23	08.00						i	16	42.59	23km	MBH	48.36	147	iPc	17	35.90	-0.3
			i	23	51.00		ELL	40.87	152	iP	16	37.00	0.9	TBR	48.47	274	eP	17	36.58	-0.3	
			LR	30	21.00		KLU	41.49	341	eP	16	41.27	0.3	HOL	48.88	147	eP	17	39.33	-0.7	
PLD	35.03	157	eP	15	46.00	-1.1					ipP	16	48.80	25km	LVNJ	48.91	274	eP	17	39.90	-0.4
LACI	35.10	164	eP	15	46.50	-1.1					e	18	38.65		AYN	49.39	146	eP	17	44.07	0.0
PHP	35.10	163	iPd	15	47.40	-0.3	IRK	41.60	67	ePc	16	41.00	-0.8	BADA	49.61	147	eP	17	44.53	-1.1	
TIR	35.39	164	eP	15	49.00	-1.2		4.0s	0.76nm			2.8mb</									

09d 13h

		PP	22	06.00	
		iS	28	22.00	
KUMJ	65.94	50 eP	19	40.90	0.3
BOM	66.01	109 eP	19	37.20	-3.9X
		iS	28	34.40	
POO	66.59	108 iPd	19	26.00	-18.9X
GYA	66.72	74 iPc	19	45.20	-0.6
	1.2s	68.00nm		5.7mb	
Z	20s	12.50um		6.1msz	
N	18s	8.87um			
E	18s	6.38um			
		pP	19	58.00	44kmX
		PP	22	19.00	
		S	28	39.00	
KMI	67.09	78 eP	19	47.50	-0.8
HYB	68.75	104 eP	19	58.00	-0.5
	1.0s	80.00nm		5.8mb	
		eS	29	04.00	
AAE	69.30	147 eP	20	02.00	-0.2
TIC	69.85	193 P	20	04.16	-1.0
	1.3s	50.00nm		5.5mb	
KIC	70.12	193 P	20	05.92	-0.8
	1.3s	158.50nm		6.0mb	
LIC	70.27	193 P	20	06.74	-0.9
	1.7s	254.00nm		6.1mb	
QZH	70.85	64 eP	20	11.00	-0.2
Z	18s	13.90um		6.3msz	
E	22s	16.20um			
		sP	20	20.00	
		S	29	17.00	
BCAO	71.99	168 iPd	20	17.00	-1.1
	1.1s	160.00nm		6.0mb	
		i	20	23.60	21km
		i	22	48.20	
HKC	72.44	68 eP	20	23.00	2.3
QIZ	74.62	73 P	20	34.00	0.6
N	16s	6.80um			
E	14s	3.09um			
		S	30	08.00	
TRN	74.70	252 eP	20	35.28	1.4
TCE	74.73	252 eP	20	34.59	0.5
TPP	75.03	252 eP	20	37.56	1.8
KOD	75.44	187 eP	20	37.20	-1.3
		eS	30	20.00	
NST	75.57	83 eP	20	39.50	0.6
NNT	78.45	85 eP	20	56.70	1.8
SDV	78.55	260 eP	20	56.20	0.5
CVP	78.55	62 ePc	20	57.00	1.6
NAI	79.21	150 eP	21	03.00	3.7X
Z	24s	1.55um		5.3mszX	
		eS	31	08.00	
		ePS	31	44.00	
LWI	79.32	158 iPd	21	01.20	1.3
BCP	79.54	64 eP	21	06.00	5.2X
BAG	79.54	64 ePc+	21	02.00	0.9
	1.9s	357.89nm		6.1mb	
		eS	31	04.00	
BMG	80.87	262 iPd	21	08.00	-0.1
QCP	81.37	64 eP	21	05.00	-5.5X
TGY	81.85	64 eP	21	09.00	-4.0X
HON	82.26	346 P	21	30.00	14.9X
Z	19s	1.39um		5.3msz	
BOG	83.47	263 iPd	21	24.00	2.2
		eS	31	48.00	
SNG	83.88	85 eP	21	24.50	1.1
		eS	31	48.00	
IPM	86.48	85 ePc	21	36.20	-0.2
	1.8s	257.80nm		6.2mb	
ITR	88.93	225 eP	21	46.80	-1.3
		e	21	54.20	23km
DAV	89.65	61 eP	21	50.00	-1.6
BDF	97.38	233 Pc	22	28.00	0.9
		e	22	34.50	20km
ZOBO	102.27	252 ePd	22	57.00	7.3X
		LR	56	52.00	
WRA	117.72	58 PKP	27	39.70	-0.2
QIS	119.36	53 iPKPc	27	42.80	-0.1
	1.3s	10.00nm			
ASPA	121.24	59 iPKPd	27	46.00	-0.5
RMQ	126.79	44 ePKP	27	58.50	1.4
STK	130.75	53 PKP	28	06.30	1.8
CMS	131.16	49 ePKP	28	05.60	0.3
	1.8s	36.00nm			
SNA	146.43	186 iPKPd	28	33.70	2.0
	0.9s	168.07nm			
NVL	146.79	177 iPKPc	28	35.00	2.7X
	2.6s	843.00nm			

Z	22s	1.00um	5.6msz		
N	20s	0.50um			
E	22s	0.20um			
		i	28	46.80	
		i	28	50.80	
		e	46	15.40	
		e	46	41.00	
MAW	147.64	144 iPKPc	28	34.00	0.3
	0.9s	49.00nm			
AIA	148.06	229 e(PKP)	28	39.00	4.5X
SPA	166.12	180 iPKPc	28	53.70	-2.9X
	2.0s	87.50nm			
S.D. = 1.0 on 394 of 425 obs.					
SEP 09, 1992 13h 12m 47.74± 0.64s					
41.789 N ± 5.2km 19.827 E ± 5.4km					
DEPTH = 10.0km (geophysicist)					
ALBANIA (391)					
ML 2.3 (TIR), 2.1 (TTG).					
LACI	0.18	210 iPgc	12	53.00	1.3
		iSg	12	57.00	
SDA	0.36	317 iPgd	12	55.30	0.2
		iSg	13	01.00	
TIR	0.44	176 ePg	12	57.00	0.3
		iSg	13	06.00	
ULC	0.46	292 iPgc	12	56.65	-0.5
		iSg	13	03.22	
PHP	0.47	103 ePg	12	54.50	-2.8
		iSg	13	07.50	
KKS	0.52	57 ePg	13	01.00	2.7
BCI	0.60	17 ePg	13	00.20	0.2
TTG	0.77	327 iPgd	13	01.98	-0.7
		iSg	13	12.89	
PVY	0.81	8 iPgd	13	03.05	-0.5
		iSg	13	15.02	
BDV	0.89	304 iPgc	13	04.35	-0.5
		iSg	13	17.09	
IVA	1.08	3 iPgd	13	08.00	-0.2
		iSg	13	23.69	
HCY	1.19	304 iPgd	13	09.72	-0.2
		iSg	13	26.60	
NKY	1.19	329 iPgd	13	09.80	-0.3
		iSg	13	26.84	
BRY	1.46	320 iPgd	13	14.88	0.6
		iSg	13	35.88	
PLE	1.57	348 iPgd	13	16.83	1.0
		iSg	13	38.97	
GEC2	8.27	331 e(P)	14	49.90	-0.7
	1.1s	60.60nm		5.8mb X	
S.D. = 1.3 on 16 of 16 obs.					
% SEP 09, 1992 13h 31m 50.92± 1.50s					
40.826 N ± 7.7km 23.890 E ± 12.6km					
DEPTH = 10.0km (geophysicist)					
GREECE (364)					
MD 1.9 (THE).					
SRS	0.37	322 ePg	31	58.50	0.0
SOH	0.41	270 ePg	31	59.01	-0.2
		eSg	32	05.16	
OUR	0.50	172 ePg	32	00.85	-0.1
		eSg	32	08.53	
KNT	0.82	294 ePg	32	06.92	0.1
PAIG	0.91	190 ePg	32	08.44	0.1
LIT	1.29	236 ePb	32	15.04	0.2
S.D. = 0.2 on 6 of 6 obs.					
& SEP 09, 1992 14h 01m 28.43s					
33.946 N 116.333 W					
DEPTH = 5.9km					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 3.3 (PAS), 3.0 (GS).					
PEC	0.69	266 iPc	01	41.14	-1.1
		eS	01	50.45	
PLM	0.74	217 iPc	01	42.28	-0.9
SSK	1.16	284 ePnc	01	49.42	-1.2
		eS	02	06.36	
GLA	1.54	125 ePn	01	54.77	-1.8
ABL	2.55	292 iPnc	02	10.04	-1.2
TPNV	3.00	1 (Pn)	02	16.68	-0.8
BCH	3.33	293 (Pn)	02	19.56	-2.7
TNP	4.19	350 (Pn)	02	35.61	1.1
		ePg	02	45.41	
BONR	4.31	339 eP	02	37.22	0.9
ARUT	4.50	31 ePn	02	40.70	1.9

10 obs. associated						
?	SEP	09, 1992	14h 11m	38.66± 1.08s		
	76.165 N	±15.0km		9.620 E	±23.4km	
DEPTH = 10.0km (geophysicist)						
4.0mb (5 obs.)						
SVALBARD REGION					(643)	
ARA0	8.11	137 Pn	13	38.85	-0.3	
		Sn	15	08.15		
KAF	15.20	149 eP	15	14.40	-0.2	
	0.6s	3.50nm			3.9mb	
NRA0	15.52	176 Pn	15	16.87	-1.9	
HFS	16.17	173 eP	15	43.70	16.5X	
	0.5s	0.90nm				
NUR	16.57	153 eP	15	32.50	0.3	
	0.6s	3.70nm			3.7mb	
MBC	25.02	334 eP	17	03.00	-0.4	
	1.0s	6.00nm			4.2mb	
BRG	25.45	174 e(P)	17	14.60	6.9X	
MOX	25.63	177 iPc	17	09.90	0.5	
	1.6s	20.00nm			4.6mb	
		e	17	15.90		
PRU	26.35	173 eP	17	26.20	10.1X	
OJC	26.36	165 eP	17	24.10	7.9X	
KHC	27.18	174 eP	17	25.00	1.3	
GEC2	27.47	174 ePc	17	27.20	0.8	
	1.5s	4.47nm			4.0mb	
		e	17	31.80		
		e	17	37.70		
S.D. = 1.1 on 8 of 12 obs.						

*	SEP	09, 1992	14h 34m	19.77± 0.65s		
	31.327 S	±10.0km	177.299 W	±12.2km		
DEPTH = 33.0km (normal)						
5.1mb (11 obs.)						
KERMADEC ISLANDS REGION					(177)	
RAO	2.14	345 P	34	53.00	-0.8	
		S	35	19.00		
MRW	11.80	211 eP	37	03.00	-5.6X	
		eS	39	12.50		
DZM	17.19	299 iPc	38	24.20	5.2X	
BKM	18.89	313 iPc	38	41.20	1.1	
ARMA	26.64	264 iPd	40	02.10	4.6X	
	0.6s	18.00nm			4.9mb	
CAN	28.36	253 eP	40	15.80	2.9X	
BWA	28.88	255 eP	40	17.80	0.2	
RMO	30.03	271 eP	40	31.00	3.0X	
	0.2s	4.00nm			4.9mb	
TOO	31.17	248 iPd	40	40.50	2.6X	
	0.3s	16.00nm			5.3mb	
CMS	31.38	260 eP	40	41.90	2.1	
	0.3s	5.00nm			4.8mb	
BFD	33.52	249 eP	41	02.40	4.0X	
	1.2s	35.00nm			5.1mb	
STK	34.87	258 iPd	41	12.70	2.6X	
	0.6s	11.90nm			5.0mb	
PMG	39.55	296 eP	41	50.00	0.5	
QIS	39.99	275 eP	41	54.20	1.0	
ASPA	43.67	268 iPc	42	23.90	0.6	
	0.7s	28.40nm			5.2mb	
WB2	44.73	273 iPd	42	31.40	-0.5	
	0.3s	50.40nm			5.9mb	
		eS	49	08.20		
FORT	46.40	256 eP	42	45.00	0.0	
WARB	48.97	261 eP	43	04.00	-1.2	
	0.3s	3.00nm			4.8mb	
MTN	50.72	279 eP	43	18.00	-0.6	
COOL	52.07	253 eP	43	28.00	-0.8	
MBL	56.64	264 eP	44	00.30	-2.0	
MRWA	56.83	254 eP	44	02.50	-1.0	
SPA	58.84	180 iPd	44	18.00	0.6	
	1.0s	31.50nm			5.4mb	
NANU	59.72	261 eP	44	23.20	-0.5	
MAW	71.65	201 eP	45	40.00	0.3	
	1.2s	41.00nm			5.3mb	
MAT	79.34	325 eP	46	24.00	0.3	
IPM	85.27	278 ePd	46	55.60	0.7	
BJI	94.00	315 eP	47	38.00	2.5X	
BUL	123.10	209 ePKP	53	15.00	-0.1	
TAB	143.77	293 ePKP	53	52.00	-1.3	
KAF	145.62	341 iPKP	53	53.60	-1.9	
	0.5s	9.80nm				
OBN	146.27	325 iPKPc	53	57.80	1.0	
	0.8s	58.00nm				
		i	54	08.00		

NUR 147.39 340 ePKP 53 20.00 0.3
0.5s 14.90nm
BCAO 149.38 212 ePKPc 54 02.90 -0.1
0.9s 41.00nm
NB2 149.75 352 PKP 54 04.20 2.0
0.6s 6.20nm
BHL 152.19 284 PKP 54 13.50 6.8X
LIC 154.00 162 PKP 54 17.22 7.5X
KIC 154.20 163 PKP 54 18.02 8.0X
MLR 157.05 315 ePKPd 54 22.50 9.5X
S.D. = 1.1 on 26 of 39 obs.

SEP 09, 1992 14h 39m 14.87±0.45s
49.136 N ± 4.0km 6.862 E ± 6.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (STR). MD 2.7 (UCC).

RUP 0.58 13 ePg 39 25.83 -0.8
LANF 0.64 104 Pg 39 27.19 -0.5
WLF 0.70 319 iPd 39 28.46 -0.3
iS 39 37.91
CDF 0.77 159 Pg 39 29.54 -0.5
Sg 39 40.11
WLS 0.79 156 Pg 39 29.66 -0.7
Sg 39 41.06
ECH 0.94 168 Pg 39 32.62 -0.2
Sg 39 45.65
VITF 1.09 213 Pg 39 35.00 -0.3
LIBD 1.10 153 Pg 39 36.33 0.8
MOF 1.30 172 Pg 39 39.59 0.6
FEL 1.48 148 Pg 39 42.93 1.3
MEM 1.58 340 iPc 39 42.75 -0.1
ENN 1.74 340 ePn 39 47.00 1.7
0.7s 12.00nm
eSn 40 10.00
DOU 1.76 304 Pc 39 45.20 -0.4
i 39 48.00
iS 40 07.80
LOMF 1.79 181 Pn 39 45.43 -0.6
S.D. = 0.9 on 14 of 14 obs.

? SEP 09, 1992 15h 53m 15.71±1.01s
50.228 N ± 14.7km 18.982 E ± 7.1km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.0 (WAR).

OJC 0.52 91 iPgd 53 26.10 -0.2
iSg 53 34.50
SPC 1.32 141 ePn 53 40.60 0.3
iSg 53 59.50
Lg 54 02.00
VRAC 1.80 240 ePn 53 46.60 -0.4
0.7s 74.00nm
eSg 54 09.70
KSP 1.82 291 iPg 53 47.60 0.3
iS 54 11.00
ZST 2.38 212 e(P) 54 02.70 7.4X
SRO 2.46 191 eP 54 47.40 51.0X
e 54 55.60
PRU 2.87 267 ePg 54 05.50 3.2X
0.8s 12.40nm
Sg 54 43.50
BRG 3.28 283 ePg 54 15.00 6.9X
eSg 54 58.00
KHC 3.68 255 ePn 54 11.00 -2.8X
ePg 54 20.00
e 54 45.00
e 55 05.50
Sg 55 10.00
S.D. = 0.6 on 4 of 9 obs.

SEP 09, 1992 15h 58m 13.68±0.67s
2.779 N ± 3.4km 124.429 E ± 5.6km
DEPTH = 294.6 ± 7.8 km
5.0mb (39 obs.)
CELEBES SEA (262)

TNE 3.51 124 ePc 59 14.10 -0.6
TSM 6.71 283 ePd 59 52.90 0.8
KKM 8.81 292 ePc 00 18.30 0.2
1.0s 115.00nm 4.9mb
BAG 14.07 345 ePc 01 22.50 -0.3
MTN 16.89 157 eP 01 52.80 -1.3

KNA 0.4s 106.00nm 5.6mb
18.90 167 eP 02 14.00 -0.8
WWKK 20.21 108 eP 02 31.80 4.0X
KGM 21.11 268 ePc 02 38.60 2.1
0.8s 129.20nm 5.3mb
OIZ 21.55 320 eP 02 41.40 0.6
IPM 23.42 275 ePc 02 58.50 -0.2
0.6s 21.90nm 4.8mb
MBL 24.21 191 iPc 03 05.30 -0.6
0.4s 31.00nm 5.1mb
WB2 24.59 157 iPd 03 08.70 -0.7
0.4s 109.10nm 5.6mb
iPP 04 26.00
iPcP 06 38.70
eS 07 04.50
FINC 25.18 112 ePc 03 09.00 -5.8X
PMG 25.68 118 eP 03 20.00 0.7
NANU 26.64 199 eP 03 27.00 -0.9
0.4s 13.00nm 4.7mb

QIS 27.56 148 iPd 03 35.40 -0.8
e 09 58.70
ASPA 27.86 161 iPd 03 38.10 -0.7
0.4s 42.90nm 5.3mb
i 04 37.10
iS 07 57.20
SSE 28.33 354 P 03 42.50 -0.3
WARB 28.87 176 iPd 03 47.50 -0.2
GYA 29.07 326 P 03 50.00 0.4
PcP 06 49.60
ScP 10 02.00
ScS 13 55.60
WHN 29.22 342 Pc 03 50.00 -0.6
NJ2 29.59 350 Pd 03 54.50 0.6
1.0s 34.00nm 4.8mb
MEEK 29.78 191 iPd 03 54.70 -1.0
0.3s 49.00nm 5.5mb
MRWA 32.83 194 iPd 04 21.20 -0.8
0.4s 29.00nm 5.2mb
FORT 33.55 174 iPd 04 28.00 -0.2
0.4s 35.00nm 5.3mb
COOL 33.62 185 eP 04 27.20 -1.6
0.4s 12.00nm 4.8mb
TIA 33.95 349 eP 04 30.50 -1.0
1.0s 50.00nm 5.0mb
BAL 34.01 192 iPd 04 31.10 -1.0
0.4s 38.00nm 5.3mb

CD2 34.12 327 eP 04 32.00 -1.1
XAN 34.30 337 Pd 04 34.50 -0.1
0.8s 40.00nm 5.0mb
TSRJ 34.31 17 P 04 34.40 -0.1
KLB 34.76 190 iPd 04 37.50 -0.9
0.3s 35.00nm 5.4mb
IIDJ 34.86 19 eP 04 48.10 8.9X
MUN 35.44 192 eP 04 43.00 -1.0
CHJJ 35.74 20 eP 04 45.20 -1.4
MTMJ 35.83 19 P 04 47.00 -0.5
MAT 35.92 19 eP 04 47.00 -1.1
0.7s 14.38nm 4.6mb
DL2 36.05 356 Pd 04 50.00 0.9
0.8s 120.00nm 5.5mb
TIY 36.47 344 Pc 04 53.00 0.2
1.0s 110.00nm 5.3mb
NIIJ 36.82 20 eP 04 54.90 -0.7
RMO 37.41 143 eP 05 01.00 0.3
e 06 34.00
i 07 14.90
RKG 37.80 190 eP 05 04.50 0.7
0.5s 20.00nm 4.8mb
BJI 37.84 350 eP 05 04.50 0.5
1.0s 66.00nm 5.0mb
STK 38.13 156 iPd 05 07.40 0.8
0.6s 36.40nm 5.0mb
iPcP 07 14.80
eS 10 37.40
LZH 38.22 333 iPc 05 09.00 1.6
1.5s 59.00nm 4.8mb
pP 06 04.50 272kmX
PcP 07 16.00

SNY 38.88 359 eP 05 11.50 -1.1
0.5s 47.00nm 5.1mb
HHC 39.64 345 Pc 05 19.80 0.8
0.6s 25.00nm 4.7mb
CMS 39.69 151 iPd 05 20.40 1.0
0.4s 4.00nm 4.1mb
BTO 39.84 343 eP 05 19.60 -1.0
ADE 39.87 162 iPd 05 22.40 1.6

CN2 40.86 1 Pd 05 29.40 0.6
0.6s 7.80nm 4.1mb
LSA 41.39 314 iPc 05 36.00 2.2
MDJ 41.91 6 eP 05 36.50 -0.8
ARMA 42.00 144 iPc 05 40.20 1.8
0.4s 11.00nm 4.5mb
GTA 42.78 332 P 05 45.00 0.4
1.0s 47.00nm 4.7mb
HOOJ 42.89 21 eP 05 46.80 1.6
BFD 43.17 159 iPc 05 48.10 0.5
0.6s 19.00nm 4.5mb
BWA 43.34 151 iPd 05 51.80 2.8
KUSJ 44.02 21 eP 05 54.80 0.6
ASAJ 44.21 19 eP 05 56.40 0.7
CAN 44.35 151 iPd 05 58.70 1.8
GUN 44.46 308 P 05 58.52 0.1
0.7s 105.00nm 5.3mb
TOO 44.65 156 iPd 06 01.10 1.8
0.4s 47.00nm 5.2mb
PKI 44.68 307 P 05 59.74 -0.4
KKN 44.88 308 P 06 01.36 -0.2
DMN 44.94 307 P 06 01.84 -0.2
0.9s 51.00nm 4.9mb
GKN 45.48 307 P 06 05.92 -0.3
HYB 47.29 291 iPc 06 20.50 0.2
1.0s 90.00nm 5.1mb
WMO 52.22 327 P 06 57.50 0.4
0.8s 30.00nm 4.8mb
ScP 11 31.00
YAK 59.23 3 eP 07 44.30 -2.0
0.9s 87.00nm 5.3mb
e 08 50.00
KAF 91.37 332 eP 10 45.50 -1.6
0.5s 2.60nm 4.4mb
BUL 96.41 250 iPd 11 10.50 -0.7
0.7s 3.42nm 4.7mb
KIC 128.45 280 PKP 16 48.00 -0.1
0.8s 10.50nm
e 19 39.20
TIC 128.68 281 PKP 16 48.40 -0.1
e 19 40.20
LIC 128.75 280 PKP 16 48.40 -0.2
e 19 40.30
CNCB 161.47 140 PKP 17 44.30 2.7X
ZOBO 161.75 138 PKP 17 44.10 2.2X
S.D. = 1.0 on 72 of 77 obs.

SEP 09, 1992 16h 13m 13.04±0.64s
43.454 N ± 4.8km 5.484 E ± 4.9km
DEPTH = 5.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.5 (STR).

GELF 0.08 210 Pg 13 14.77 -0.2
PUYF 0.18 64 Pg 13 16.34 -0.3
TREF 0.18 337 Pg 13 16.34 -0.5
BERF 0.21 133 Pg 13 17.32 0.0
CDR 0.30 43 iPgd 13 17.70 -1.4
i 13 23.70
PRAF 0.42 327 Pg 13 21.52 0.1
VILF 0.43 23 Pg 13 21.52 -0.2
TAVF 0.45 68 Pg 13 21.90 -0.1
STV 1.55 59 P 13 41.41 0.0
S 14 02.74
PZZ 1.57 47 P 13 42.95 1.2
S 14 04.27
ENR 1.60 60 P 13 42.23 0.1
S 14 03.76
RRL 1.74 32 P 13 47.36 3.1X
IMI 1.80 75 P 13 44.08 -1.0
BHB 1.89 42 P 13 48.38 2.1
ROB 1.92 63 P 13 47.25 0.5
FIN 2.11 68 P 13 49.41 -0.1
LSD 2.33 30 P 13 56.58 3.7X
PCP 2.46 63 P 13 54.43 -0.1
S.D. = 0.9 on 16 of 18 obs.

SEP 09, 1992 16h 56m 11.08±0.47s
49.145 N ± 3.7km 6.858 E ± 5.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.8 (STR).

RUP 0.57 13 ePg 56 22.21 -0.5
WLF 0.69 319 iPd 56 24.79 0.0
iS 56 34.29
HOFF 0.76 105 Pg 56 26.08 0.2

09d 16h

CDF 0.78 159 Pg 56 25.79 -0.6
 Sg 56 36.64
 WLS 0.80 156 Pg 56 26.17 -0.5
 ECH 0.95 168 Pg 56 28.93 -0.3
 Sg 56 42.15
 VITF 1.09 212 Pg 56 31.27 -0.4
 Sg 56 46.37
 LIBD 1.11 153 Pg 56 32.87 1.0
 MOF 1.31 172 Pg 56 35.89 0.5
 BSF 1.32 182 Pg 56 35.97 0.5
 FEL 1.48 148 Pg 56 38.93 1.0
 MEM 1.57 340 iPc 56 39.71 0.8
 ENN 1.73 340 iPnc 56 43.90 2.5X
 0.6s 16.00nm
 e 56 46.50
 eSn 57 06.50
 LOMF 1.80 181 Pn 56 41.36 -1.1
 GRF 2.90 77 ePg 57 07.70 9.5X
 eSg 57 44.40
 KHC 4.41 88 Pn 57 19.00 -0.6
 Pg 57 29.50
 Sg 58 09.90
 e 58 33.40

S.D. = 0.7 on 14 of 16 obs.

* SEP 09, 1992 17h 04m 44.94± 0.80s
 5.785 S ± 8.5km 145.081 E ± 9.3km
 DEPTH = 33.0km (normal)
 4.2mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

MDG 0.88 53 eP 05 01.00 0.2
 LAT 2.10 115 eP 05 18.70 0.2
 WWKK 2.59 326 ePc 05 25.30 -0.2
 PMG 4.15 150 eP 05 47.00 -0.5
 eS 06 36.00
 WB2 17.52 216 eP 08 48.80 0.4
 0.2s 3.90nm 4.2mb
 S.D. = 0.5 on 5 of 5 obs.

SEP 09, 1992 17h 12m 59.68± 1.18s
 36.884 N ± 7.6km 55.225 E ± 4.0km
 DEPTH = 47.6 ± 12.2 km
 4.9mb (49 obs.) 4.5Msz (2 obs.)
 NORTHERN IRAN (348)

TEH 3.30 251 ePc 13 51.00 0.7
 MAIO 3.49 98 iPnc 13 51.30 -1.6
 0.7s 95.30nm
 eSn 14 45.00
 KER 7.08 251 eP 14 45.00 1.6
 TAB 7.17 282 eP 14 42.00 -2.8
 DHR 11.40 204 eP 15 44.00 1.4
 MJMA 13.88 220 iP 16 10.53 -5.1X
 RYD 14.20 214 eP 16 19.00 -0.8
 OASM 14.66 226 eP 16 23.00 -2.8X
 KSH 16.52 75 P 16 45.60 -4.1X

Z 12s 2.26um
 pP 16 54.00
 sP 16 58.00
 CSS 17.83 270 eP 17 09.00 3.0X
 BBTk 17.86 286 iPd 17 09.00 2.7X
 HQL 18.51 252 eP 17 18.67 4.4X
 BADA 18.93 250 eP 17 23.67 4.4X
 WAJH 19.13 241 eP 17 25.00 3.4X
 ELL 20.26 277 iP 17 33.00 -0.8
 PSN 21.66 297 iP 17 49.00 1.2
 OBN 22.22 331 iPc 17 52.00 -1.3
 0.9s 170.00nm 5.5mb
 i 18 04.00
 ePP 18 52.00
 eS 22 22.00

JMB 22.68 293 iP 17 59.00 1.1
 CLI 22.88 304 iPd 18 01.50 1.6
 VRI 23.09 302 ePc 18 04.00 2.0
 CVO 23.46 301 ePc 18 09.00 3.4X
 MLR 23.55 301 iPd 18 13.50 6.9X
 PTT 23.58 304 eP 18 07.00 0.4
 PVL 23.66 295 iP 18 10.00 2.6
 RZN 24.03 291 iP 18 14.00 2.7X
 PLD 24.05 292 iP 18 14.00 2.7X
 PGb 24.47 293 iP 18 17.00 1.6
 OUR 24.59 288 eP 18 29.42 12.9X
 SRS 24.87 290 eP 18 19.12 -0.1
 SOH 25.05 289 eP 18 21.36 0.4
 KNT 25.39 290 eP 18 24.00 -0.1
 WMO 25.58 64 P 18 27.00 1.0

1.0s 24.00nm 4.7mb
 Z 12s 0.54um 4.3MszX
 N 10s 1.03um
 sP 18 36.50
 GRG 25.77 289 eP 18 27.60 -0.1
 GKN 26.27 101 P 18 31.94 -0.6
 SKO 26.48 292 iP 18 35.00 0.9
 BZS 26.57 300 eP 18 27.50 -7.4X
 DMN 26.82 102 P 18 37.18 -0.5
 0.8s 98.00nm 5.5mb
 KKN 26.88 101 P 18 37.30 -0.8
 0.7s 125.00nm 5.6mb
 OHR 26.98 290 eP 18 37.20 -1.6
 PKI 27.08 101 P 18 39.34 -0.8
 0.8s 145.00nm 5.7mb
 GUN 27.29 100 P 18 41.46 -0.7
 1.0s 174.00nm 5.7mb
 SPC 28.11 307 eP 18 50.90 1.8
 e(Pn) 18 57.10
 e(Sg) 19 19.60
 HYB 28.27 127 eP 18 50.60 -0.1
 ZST 29.98 304 iP 19 06.70 1.0
 VKA 30.51 304 iPc 19 11.80 1.4
 PTJ 30.54 300 eP 19 03.60 -7.2X
 NUR 30.58 330 eP 19 10.30 -0.5
 0.6s 15.80nm 4.9mb
 KAF 30.97 334 iP 19 13.70 -0.5
 0.8s 6.90nm 4.4mb
 VBY 31.02 299 eP 19 16.00 1.2
 DUI 31.70 291 P 19 20.80 -0.2
 GEC2 32.31 305 eP 19 25.30 -0.9
 0.6s 4.44nm 4.4mb
 e 19 27.20
 e 19 34.70
 e 19 36.60
 KBA 32.41 302 iPd 19 26.30 -0.9
 1.0s 8.80nm 4.6mb
 i 19 28.20
 KHC 32.42 305 P 19 27.60 0.5
 1.1s 9.20nm 4.5mb
 ePg 19 45.70
 e 19 57.00
 Sg 20 21.50
 BRG 32.42 309 iP 19 28.60 1.6
 1.3s 23.00nm 4.9mb
 i 19 34.80
 iSg 20 11.00

AQU 32.43 293 P 19 29.00 1.7
 AZI 32.44 292 P 19 29.00 1.8
 FVI 32.78 301 P 19 30.50 0.4
 ASS 32.92 294 P 19 33.50 1.9
 CLL 33.08 309 eP 19 34.00 1.3
 1.3s 24.00nm 4.9mb
 e 20 36.00
 UPP 33.23 326 iP 19 33.10 -0.8
 KOD 33.28 137 eP 19 35.20 0.0
 CRE 33.41 295 Pc 19 37.30 1.5
 PGD 33.56 296 Pc 19 39.40 2.2
 CVT 33.56 284 Pc 19 37.70 0.6
 WTTA 33.58 302 iPd 19 35.20 -2.2
 0.9s 57.40nm 5.5mb
 i 19 37.90
 MOX 33.85 308 eP 19 40.60 1.1
 1.4s 22.00nm 4.9mb
 FIR 33.90 296 eP 19 40.00 0.1
 GRF 34.01 306 ePd 19 42.00 1.2
 1.0s 13.00nm 4.8mb
 MME 34.28 296 Pc 19 45.40 1.9
 GTA 34.89 72 eP 19 50.00 1.3
 1.0s 9.00nm 4.7mb
 HFS 35.14 325 eP 19 47.90 -2.5
 0.5s 19.50nm 5.3mb
 Z 16s 0.14um 3.8MszX
 LR 36 22.00
 BOB 35.14 298 P 19 54.10 3.4X
 PGF 35.66 294 eP 19 53.20 -1.9
 0.7s 23.05nm 5.2mb
 CDF 36.54 304 eP 20 01.80 -0.7
 0.8s 36.45nm 5.4mb
 NB2 36.61 325 P 20 00.20 -2.6
 0.7s 18.00nm 5.1mb
 BSF 36.87 303 eP 20 04.60 -0.7
 0.8s 10.90nm 4.8mb
 LPG 37.00 299 eP 20 05.70 -0.9
 LPL 37.01 299 eP 20 05.60 -1.0
 0.5s 6.70nm 4.8mb
 BNI 37.08 298 Pc 20 07.80 0.7

HAU 37.16 303 eP 20 06.50 -1.1
 0.8s 22.05nm 5.1mb
 FRF 37.25 296 eP 20 07.70 -0.7
 1.1s 43.45nm 5.3mb
 WLF 37.29 306 Pc 20 11.00 2.4
 e 20 17.00
 DOU 38.31 307 P 20 18.60 1.4
 SNF 38.51 307 P 20 20.90 2.1
 LZH 38.76 76 eP 20 22.00 0.6
 1.0s 15.00nm 4.8mb
 Z 22s 0.51um 4.3Msz
 E 12s 0.24um
 LBF 38.81 302 eP 20 20.60 -0.9
 1.1s 14.15nm 4.7mb
 LOR 38.87 302 eP 20 21.00 -1.0
 0.9s 12.30nm 4.7mb
 SMF 38.93 301 eP 20 21.90 -0.6
 0.6s 9.40nm 4.8mb
 SSF 39.13 302 eP 20 23.70 -0.4
 0.8s 10.05nm 4.7mb
 AVF 39.25 301 eP 20 24.50 -0.6
 0.5s 11.95nm 5.0mb
 BGF 39.62 301 eP 20 27.60 -0.6
 MAF 39.85 301 eP 20 28.90 -1.2
 1.1s 29.30nm 5.0mb
 TCF 40.09 301 eP 20 32.00 -0.1
 0.6s 10.75nm 4.8mb
 CAF 40.35 299 eP 20 32.80 -1.4
 1.1s 13.65nm 4.7mb
 CD2 40.38 84 eP 20 35.40 0.8
 LSF 40.56 301 eP 20 35.50 -0.4
 0.9s 16.40nm 4.8mb
 RJF 40.68 299 eP 20 35.90 -1.0
 0.6s 9.85nm 4.7mb
 LPO 41.00 298 eP 20 38.30 -1.2
 LFF 41.28 299 eP 20 40.40 -1.4
 0.5s 15.00nm 5.0mb
 LDF 41.45 304 eP 20 42.90 -0.2
 MFF 41.67 301 eP 20 44.30 -0.7
 1.1s 25.40nm 4.9mb
 FLN 41.67 305 eP 20 44.40 -0.5
 EPF 41.88 296 eP 20 45.00 -1.8
 GRR 41.95 304 eP 20 47.00 -0.3
 0.7s 14.75nm 4.8mb
 KMI 41.99 92 Pd 20 48.60 0.4
 LPF 42.11 304 eP 20 48.10 -0.5
 0.9s 15.55nm 4.7mb
 CHG 42.23 103 eP 20 49.50 -0.4
 BTO 42.32 68 eP 20 55.10 4.5X
 EKA 43.06 315 P 20 56.00 -0.2
 0.7s 15.40nm 4.8mb
 BDT 43.17 105 eP 20 57.00 -0.5
 XAN 43.35 77 eP 21 01.00 2.1
 ECHE 43.61 291 eP 21 01.00 0.0
 GYA 44.53 88 P 21 13.00 4.3X
 TIY 44.90 71 eP 21 13.20 1.8
 Z 20s 0.75um 4.6Msz
 EVIA 45.02 291 eP 21 13.10 0.7
 GUD 45.69 294 eP 21 16.80 -0.9
 EBAN 46.12 290 eP 21 20.00 -1.0
 BAO 46.61 235 iPc 21 26.00 0.9
 1.0s 25.00nm 5.1mb
 EHOR 47.32 290 eP 21 28.50 -2.0
 EJIF 47.94 289 eP 21 34.00 -1.3
 KIC 62.31 256 P 23 18.18 -1.4
 0.8s 17.00nm 5.2mb
 TIC 62.36 257 P 23 18.36 -1.5
 0.6s 7.50nm 5.0mb
 LIC 62.62 256 P 23 20.12 -1.5
 0.6s 20.00nm 5.4mb
 MBC 67.10 359 eP 23 48.50 -1.2
 0.7s 9.00nm 4.9mb
 SLR 67.26 206 iPc 23 52.00 0.5
 FBA 76.95 10 eP 24 51.00 2.6
 0.6s 4.43nm 4.7mb
 TTA 77.42 14 (P) 24 49.86 -1.2
 PMR 79.89 12 eP 25 03.96 -0.4
 0.6s 11.34nm 5.0mb
 KLU 80.47 10 (P) 25 09.79 2.2
 YKA 80.63 355 eP 25 07.20 -1.1
 0.9s 6.00nm 4.5mb
 S.D. = 1.3 on 112 of 130 obs.

SEP 09, 1992 17h 59m 22.95± 0.82s
 51.435 N ± 7.3km 6.294 E ± 7.3km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)

ML 2.9 (LDG), 2.2 (BNS).

WTS	0.65	30	ePg	59	36.00	0.1
	0.5s	26.00nm				
ENN	0.71	199	ePg	59	39.00	2.1
	0.4s	9.00nm				
		eSg	59	48.50		
BNS	0.73	130	iPgc	59	36.68	-0.6
	0.8s	108.00nm				
		iSg	59	47.05		
SNF	1.57	235	iP	59	54.30	3.4X
		iS	00	15.80		
ABH	1.75	152	ePn	59	54.00	0.5
WLF	1.77	183	iPd	59	57.00	3.1X
		iS	00	20.00		
RUP	1.80	164	ePn	59	55.95	1.6
CDF	3.09	168	Pn	00	12.70	-0.1
		Sg	01	02.00		
BSF	3.62	175	Pn	00	19.30	-1.1
		Sn	01	01.70		
		Sg	01	18.70		
LOR	4.46	202	Pn	00	32.20	0.0
		Sn	01	21.50		
		Sg	01	47.70		
SSF	4.74	204	Pn	00	35.50	-0.7
		Sn	01	27.60		
		Sg	01	54.40		
AVF	5.03	204	Pn	00	39.40	-0.8
SMF	5.06	200	Pn	00	40.10	-0.5
		Sn	01	36.50		
		Sg	02	02.80		
FLN	5.12	241	Pn	00	41.90	0.5
		Sn	01	38.70		
BGF	5.38	206	Pn	00	44.00	-1.2
		Sn	01	42.80		
		Sg	02	17.00		
GRR	5.54	239	Pn	00	47.50	0.2
		Sn	01	46.60		

S.D. = 1.0 on 14 of 16 obs.

SEP 09, 1992 18h 17m 16.78 ± 0.39s
 44.838 N ± 3.2km 7.236 E ± 4.5km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

ML 2.5 (GEN), 2.3 (LDG).

BHB	0.02	79	P	17	19.37	0.6
		S		17	20.50	
RSP	0.31	3	P	17	23.88	0.5
		S		17	28.39	
RRL	0.33	285	P	17	22.96	-0.8
		S		17	26.96	
DOI	0.33	179	P	17	23.50	-0.2
		eSg		17	27.70	
PZZ	0.35	196	P	17	23.27	-0.7
		S		17	27.57	
BNI	0.45	299	Pd	17	25.40	-0.6
		eSg		17	30.90	
STV	0.60	174	P	17	27.68	-1.2
		S		17	35.57	
LSD	0.62	355	P	17	29.42	-0.1
		S		17	38.03	
ENR	0.63	168	P	17	27.98	-1.4
		S		17	36.49	
ROB	0.71	140	P	17	30.34	-0.4
		S		17	40.90	
LPG	0.74	333	Pg	17	31.20	-0.4
		Sg		17	40.60	
LPL	0.77	332	Pg	17	31.60	-0.3
		Sg		17	41.00	
FIN	0.94	132	P	17	34.34	-0.3
PCP	0.98	107	P	17	35.78	0.4
SBF	0.99	172	Pg	17	36.70	1.2
		Sg		17	48.80	
IMI	1.04	153	P	17	35.67	-0.8
FRF	1.35	199	Pg	17	42.10	0.6
		Sg		17	58.70	
LRG	1.52	205	Pg	17	45.50	1.5
		Sg		18	04.30	
LMR	1.59	199	Pg	17	46.90	1.9
		Sg		18	06.40	
BGF	3.52	301	Pn	18	12.50	-0.2

S.D. = 0.9 on 20 of 20 obs.

SEP 09, 1992 19h 27m 37.66 ± 1.34s
 37.123 N ± 16.4km 57.102 E ± 6.9km
 DEPTH = 39.8 ± 15.3 km

4.5mb (11 obs.)

TURKMENISTAN-IRAN BORDER REGION (341)

MAIO	2.09	112	iPnc	28	11.30	0.2
	0.5s	76.53nm				
		eSn	28	41.00		
TEH	4.81	255	eP	28	56.00	6.3X
KER	8.58	254	eP	29	51.00	8.5X
TAB	8.61	280	eP	29	42.00	-0.8
KSH	15.01	75	P	31	02.00	-6.8X
	N 10s	1.21um				
	E 10s	0.99um				
OBN	22.77	329	ePd	32	38.00	0.6
	1.0s	35.00nm				
		e	32	48.00		
		e	32	55.00		
		e	37	06.00		
WMQ	24.13	64	P	32	50.40	-0.4
	1.0s	8.10nm				
MLR	24.73	300	ePc	32	58.50	1.8
GKN	24.86	103	P	32	58.18	0.1
	0.6s	15.00nm				
DMN	25.41	104	P	33	03.52	0.1
	0.9s	45.00nm				
KKN	25.46	103	P	33	04.22	0.4
PKI	25.66	104	P	33	05.42	-0.4
GUN	25.87	102	P	33	07.24	-0.5
NUR	31.13	329	eP	33	54.70	0.3
	0.9s	11.00nm				
KAF	31.44	333	eP	33	58.40	1.3
GEC2	33.41	304	eP	34	13.80	-0.7
	1.0s	0.80nm				
		e	34	15.90		
		e	34	17.60		
		e	34	19.00		
BRG	33.45	308	e(P)	34	17.20	2.4
HFS	35.82	324	eP	34	34.20	-0.7
	0.5s	1.90nm				
PGF	36.94	294	eP	34	44.00	-0.7
	0.7s	11.45nm				
LZH	37.24	77	eP	34	47.50	0.1
	1.2s	13.00nm				
NB2	37.27	325	P	34	45.40	-1.8
	0.6s	3.00nm				
CDF	37.66	304	eP	34	52.30	1.7
LPG	38.20	299	eP	34	55.20	-0.3
	0.6s	1.70nm				
LPL	38.21	299	eP	34	54.90	-0.6
LBF	39.97	302	eP	35	09.90	0.0
SMF	40.10	301	eP	35	10.50	-0.4
SSF	40.28	302	eP	35	11.70	-0.7
AVF	40.42	301	eP	35	13.20	-0.3
CHG	40.83	105	eP	35	17.90	0.7
MAF	41.02	301	eP	35	18.50	0.0
TIY	43.40	72	eP	35	38.00	-0.1
MBC	66.89	359	eP	38	26.00	-1.3

S.D. = 1.0 on 29 of 32 obs.

SEP 09, 1992 19h 59m 17.64 ± 0.30s
 44.459 N ± 2.3km 7.305 E ± 3.1km
 DEPTH = 12.4 ± 3.3 km

NORTHERN ITALY (545)

ML 2.9 (LDG), 2.6 (GEN).

DOI	0.06	316	Pd	59	21.00	0.6
		eSg		59	22.60	
PZZ	0.15	287	P	59	21.62	0.1
		S		59	23.77	
STV	0.22	176	P	59	22.85	0.3
		S		59	25.92	
ENR	0.25	160	P	59	23.36	0.2
		S		59	26.95	
BHB	0.38	356	P	59	25.00	-0.6
		S		59	30.33	
ROB	0.44	112	P	59	26.95	0.3
		S		59	33.51	
RRL	0.59	321	P	59	29.00	-0.6
		S		59	36.59	
SBF	0.60	171	Pg	59	29.70	0.1
		Sg		59	35.90	
IMI	0.69	142	P	59	31.15	0.0
		S		59	40.28	
RSP	0.69	357	P	59	31.56	0.4
		S		59	40.79	
FIN	0.69	111	P	59	31.26	0.1
		S		59	40.49	
CKI	0.70	92	P	59	31.50	0.3

BNI	0.74	323	Pc	59	41.00	-0.5
		eSg		59	31.60	
PCP	0.89	84	P	59	34.85	0.3
LSD	1.00	354	P	59	36.90	0.3
FRF	1.02	208	Pg	59	36.60	0.0
		Sg		59	49.60	
LPG	1.11	339	Pg	59	38.60	0.2
		Sg		59	52.70	
LPL	1.13	339	Pg	59	38.90	0.1
LRG	1.21	215	Pg	59	40.20	0.2
		Sg		59	57.10	
LMR	1.26	207	Pg	59	41.10	0.2
		Sg		59	57.00	
CDR	1.36	235	ePg	59	42.40	0.1
		e		59	59.80	
PGF	2.27	147	Pn	59	53.70	-1.9
		Sn		00	19.80	
BGF	3.77	305	Pn	00	16.80	0.0

S.D. = 0.5 on 23 of 23 obs.

SEP 09, 1992 20h 20m 17.65 ± 0.46s
 44.472 N ± 2.9km 7.313 E ± 3.6km
 DEPTH = 11.7 ± 5.6 km

NORTHERN ITALY (545)

ML 2.2 (LDG), 1.8 (GEN).

PZZ	0.15	282	P	20	21.71	0.2
		S		20	23.86	
STV	0.23	178	P	20	22.94	0.2
		S		20	25.81	
ENR	0.26	162	P	20	23.35	0.1
		S		20	26.73	
BHB	0.37	355	P	20	25.09	-0.3
		S		20	30.22	
ROB	0.44	114	P	20	27.04	0.4
		S		20	33.50	
RRL	0.59	320	P	20	29.09	-0.4
		S		20	37.09	
FIN	0.69	112	P	20	31.35	0.1
		S		20	40.37	
IMI	0.70	143	P	20	31.04	-0.3
		S		20	40.06	
PCP	0.88	85	P	20	35.04	0.5
		S		20	46.12	
FRF	1.03	208	Pg	20	36.80	-0.2
		Sg		20	49.70	
LPG	1.10	339	Pg	20	38.70	0.3
		Sg		20	52.90	
LPL	1.12	339	Pg	20	39.40	0.7
LRG	1.23	214	Pg	20	40.70	0.4
		Sg		20	56.80	
LMR	1.28	207	Pg	20	41.50	0.3
		Sg		20	57.10	

S.D. = 0.4 on 14 of 14 obs.

SEP 09, 1992 20h 44m 50.23 ± 0.36s
 23.509 S ± 4.6km 178.877 E ± 3.4km
 DEPTH = 553.6 ± 3.7 km
 5.3mb (64 obs.)

SOUTH OF FIJI ISLANDS (171)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 23S, 38C

Centroid Location:

Origin Time 20:44:57.5 0.4

Lot 23.18S 0.05 Lon 179.08E 0.02

Dep 581.3 1.3 Half-duration 1.7

Moment Tensor: Scale 10**17 Nm

Mrr=-3.87 0.07 Mtt= 2.79 0.12

Mff= 1.08 0.12 Mrt= 0.28 0.11

Mrf= 0.89 0.11 Mtf=-2.00 0.11

09d 20h									
SVO	23.16	305 P	49	17.00	1.0				
ARMA	25.20	248 iPd	49	35.80	1.5				
	0.4s	51.00nm			5.5mb				
		e	55	38.50					
CNB	28.17	239 iPd	50	01.80	1.6				
	0.4s	290.00nm			6.3mb				
		iPcP	52	57.10					
		eS	54	11.50					
		e	55	47.00					
CAN	28.45	239 iPc	50	03.90	1.3				
		iScP	55	47.70					
BWA	28.68	241 iPc	50	03.60	-1.0				
		eScP	55	47.90					
TVO	30.32	85 iP	50	18.10	-0.7				
	0.8s	50.00nm			5.2mb				
QLP	31.48	257 iPd	50	29.10	0.6				
	0.4s	379.00nm			6.4mb X				
TOO	31.80	236 iPc	50	32.10	0.9				
	0.4s	204.00nm			6.1mb				
		i	52	59.00					
		iPcP	53	06.50					
		iS	55	58.70					
TPT	32.68	81 iP	50	38.50	-0.1				
	0.9s	65.00nm			5.3mb				
PMG	33.39	290 eP	50	45.00	0.4				
	0.9s	487.39nm			6.1mb				
STK	33.92	247 iPc	50	50.10	1.2				
	0.5s	77.00nm			5.6mb				
		eS	55	36.60					
BFD	33.97	238 iPd	50	49.30	0.0				
	0.7s	40.00nm			5.2mb				
		iPcP	53	11.10					
		iScP	56	04.90					
LAT	34.91	294 eP	50	59.00	1.7				
QIS	36.45	267 iPd	51	10.20	0.2				
	0.2s	14.00nm			5.2mb				
		eS	56	13.00					
ADE	36.64	243 eP	51	12.00	0.6				
MDG	36.69	294 eP	51	12.50	0.6				
ASPA	41.09	260 iPc	51	47.70	0.1				
	0.3s	110.00nm			5.9mb				
		iPcP	53	34.20					
		eScP	56	33.10					
		iS	57	20.00					
		iScS	00	49.70					
WB2	41.39	266 iPc	51	49.60	-0.5				
	0.3s	163.00nm			6.0mb				
		ePcP	52	33.00					
		eScP	56	35.70					
		eS	57	23.10					
FORT	45.48	249 eP	52	21.50	-0.4				
	0.6s	157.00nm			5.7mb				
MTN	46.40	275 eP	52	28.00	-1.0				
	0.3s	102.00nm			5.8mb				
WARB	47.22	255 eP	52	34.30	-0.9				
KNA	47.63	270 eP	52	37.80	-0.6				
	0.3s	103.00nm			5.9mb				
COOL	51.40	248 eP	53	05.00	-1.2				
	0.3s	13.00nm			4.8mb				
KLB	54.19	247 eP	53	25.50	-0.6				
	0.3s	19.00nm			4.9mb				
MEEK	54.24	253 iPc	53	25.50	-1.0				
	0.3s	14.00nm			4.8mb				
MBL	54.33	260 eP	53	26.00	-1.2				
	0.2s	19.00nm			5.1mb				
RKG	54.46	243 eP	53	27.40	-0.6				
BAL	55.22	248 eP	53	32.00	-1.3				
	0.4s	25.00nm			4.9mb				
MUN	55.44	246 eP	53	34.00	-0.8				
TNE	55.57	288 eP	53	34.10	-1.8				
MWRA	56.05	250 eP	53	38.00	-1.1				
	0.3s	10.00nm			4.7mb				
NANU	57.86	257 iPd	53	51.00	-0.5				
DAV	60.28	294 eP	54	06.60	-1.1				
CGP	61.74	294 iPc	54	16.00	-1.2				
PLP	62.97	297 ePc	54	22.50	-2.6				
SPA	66.63	180 iPd	54	49.00	1.4				
	0.7s	60.55nm			5.2mb				
		e	02	50.20					
KKM	67.80	287 ePd	54	55.00	-0.4				
	0.8s	75.00nm			5.3mb				
CVP	69.15	301 ePd	55	02.60	-0.6				
BAG	69.41	299 ePc	55	04.00	-1.1				
	1.0s	76.00nm			5.2mb				
CHJJ	70.22	326 P	55	08.70	-0.5				
IIDJ	70.33	325 eP	55	12.00	2.0				
MAT	71.00	326 eP	55	13.00	-0.8				
	0.9s	120.17nm			5.4mb				
NIIJ	71.14	327 P	55	14.00	-0.6				
KAGJ	71.21	318 eP	55	15.20	0.1				
MTMJ	71.24	326 P	55	14.80	-0.5				
TSRJ	71.40	324 P	55	16.00	-0.1				
KUMJ	72.18	319 P	55	20.60	-0.1				
SHNJ	73.12	320 eP	55	25.50	-0.5				
KUSJ	73.36	335 eP	55	27.50	0.3				
ASAJ	75.04	334 eP	55	38.20	1.7				
ADK	75.17	3 iPd	55	35.34	-1.7				
	0.6s	102.83nm			5.4mb				
QZH	75.72	306 eP	55	41.00	0.3				
SMY	76.03	357 (P)	55	39.61	-2.1				
	0.6s	65.89nm			5.2mb				
SSE	77.46	312 P	55	50.00	-0.2				
	1.0s	38.00nm			4.8mb				
		eS	04	52.00					
KGM	77.59	278 ePd	55	51.50	0.4				
	0.6s	86.00nm			5.4mb				
MAW	77.75	201 iPd	55	51.40	0.4				
	0.8s	45.00nm			5.0mb				
GZH	78.73	301 Pd	55	58.00	1.1				
NJ2	79.63	312 iPd	56	02.00	0.6				
	1.0s	90.00nm			5.2mb				
IPM	80.73	279 ePd	56	06.90	-0.6				
	1.0s	154.40nm			5.5mb				
MDJ	81.37	327 eP	56	10.60	0.5				
	1.0s	92.00nm			5.3mb				
WHN	81.95	308 Pc	56	14.00	0.6				
	1.0s	220.00nm			5.6mb				
		S	05	42.00					
PRS	81.98	45 iPc	56	14.23	0.8				
DL2	81.99	318 P	56	14.00	0.6				
	1.0s	83.00nm			5.2mb				
		S	05	39.00					
GCC	82.00	44 iPd	56	13.70	0.2				
PCC	82.04	43 iPc	56	14.17	0.5				
BCH	82.15	46 ePd	56	15.31	0.9				
SAO	82.20	44 iPc	56	14.88	0.4				
NWRM	82.31	42 eP	56	15.46	0.5				
PHAM	82.32	46 eP	56	16.32	1.1				
PR1	82.33	45 iPd	56	15.96	0.6				
BKS	82.37	43 iPd	56	16.32	1.0				
ZSP	82.39	43 iPc	56	16.77	1.4				
LLA	82.43	45 iPc	56	16.39	0.7				
ARN	82.49	44 eP	56	16.47	0.5				
ABL	82.53	47 eP	56	16.79	0.3				
SNY	82.70	322 iPc	56	17.60	0.8				
	1.1s	47.00nm			4.9mb				
FOX	82.93	40 iPc	56	19.59	1.6				
CN2	82.97	324 Pd	56	17.80	-0.4				
	1.0s	200.00nm			5.6mb				
		eS	05	56.00					
FHC	83.11	40 iPd	56	20.50	1.5				
SSK	83.21	48 eP	56	19.92	0.1				
TIA	83.22	314 eP	56	20.20	0.6				
	1.0s	320.00nm			5.8mb				
PLM	83.30	49 ePd	56	20.61	0.3				
PEC	83.39	49 eP	56	20.52	-0.1				
	0.6s	8.87nm			4.5mb				
FRI	83.45	45 iPd	56	21.40	0.7				
ISA	83.50	47 eP	56	20.57	-0.6				
	0.8s	56.06nm			5.2mb				
ORV	83.84	42 iPd	56	22.75	0.1				
MIN	84.25	41 eP	56	25.73	0.9				
GLA	84.57	51 eP	56	27.13	0.7				
LBFM	84.69	41 eP	56	28.04	1.0				
BONR	84.92	45 eP	56	28.60	0.3				
NNT	85.24	286 iPd	56	31.90	2.0				
NVL	85.54	184 iPd	56	30.00	-0.4				
	0.8s	65.00nm			5.4mb				
		e	56	52.00					
		eS	06	58.00					
		e	06	14.00					
		e	06	27.00					
GYA	85.66	301 iPd	56	32.40	0.5				
	1.0s	25.00nm			4.9mb				
KVN	85.68	44 eP	56	31.86	0.0				
TNP	85.70	45 eP	56	32.00	0.0				
	0.8s	38.26nm			5.1mb				
TPNV	85.71	47 eP	56	32.29	0.3				
	0.7s	22.07nm			5.0mb				
BJI	86.04	317 eP	56	34.00	0.8				
	1.0s	66.00nm			5.3mb				
		eSKS	06	04.00					
		eS	06	20.00					
NST	86.21	289 eP	56	37.00	2.5				
SNA	86.44	180 iPd	56	34.50	-0.2				
	0.8s	89.55nm			5.5mb				
SVW	86.81	12 eP	56	34.80	-1.8				
	0.7s	18.73nm			4.9mb				
REF	86.84	14 eP	56	35.14	-1.8				
BMW	87.10	36 eP	56	38.52	0.2				

AG	122.87	86	ePKP	02	44.00	-1.7				i	03	39.40						i	03	47.40	
SLR	123.37	212	iPKPd	02	45.00	-1.6				i	03	46.60						i	04	04.10	
LMN	124.62	50	ePKPc	02	49.20	1.0				iPKPK	05	53.60			PVY	154.14	322	iPKPd	03	47.90	8.1X
MAIO	126.70	299	iPKPc	02	52.60	0.0		PSZ	150.45	331	iPKPd	03	40.00	5.6X	WTTA	154.18	340	iPKPc	03	39.50	-0.3
BUL	127.02	216	ePKP	02	55.00	-0.3		ETA	150.60	6	ePKP	03	39.80	5.5X		1.0s	21.00nm				
PDCR	128.38	130	ePKP	02	54.20	-2.1X		VRAC	150.72	336	iPKPd	03	40.50	5.9X				i	03	47.80	
KRI	129.91	220	ePKP	03	00.10	0.8			1.5s	344.20nm							i	04	05.80		
KEV	130.82	347	iPKP	02	58.00	-1.3		ECB	150.86	7	ePKP	03	40.80	6.1X	LJU	154.19	334	ePKP	03	38.80	-0.8
	0.6s	20.90nm							0.9s	257.00nm							ePKPbc	03	48.40		
ITR	131.44	127	ePKP	02	44.70	-17.4X		PRU	150.86	339	ePKP	03	34.50	-0.4	KKS	154.23	321	ePKP	03	48.50	8.7X
		e	02	58.60					0.8s	81.60nm					BCI	154.24	322	ePKP	03	38.60	-1.2
		e	05	33.00											CDI	154.27	347	ePKP	03	39.40	-0.4
KAF	137.15	341	ePKP	03	02.30	-9.2X									MOTA	154.28	341	iPKPc	03	39.30	-0.6
	0.6s	27.70nm														1.0s	22.40nm				
NUR	138.91	341	ePKP	03	05.30	-9.4X		WTS	150.91	350	iPKPc	03	35.20	0.4				i	03	47.60	
	0.3s	26.80nm							1.0s	39.00nm							i	04	05.10		
QASM	139.53	283	ePKP	03	09.67	-7.4X		ECP	151.09	7	ePKP	03	40.20	5.1X	VBY	154.34	333	iPKP	03	40.00	0.2
UPP	141.36	345	iPKP	03	12.70	-6.4X		MOX	151.15	343	iPKPc	03	35.30	0.0				iPKPbc	03	48.60	
NB2	141.53	350	PKP	03	13.50	-6.0X			1.3s	109.00nm							iPKPab	04	05.80		
	0.8s	59.80nm						SRO	151.22	332	iPKP	03	40.80	5.4X	SQTA	154.36	340	iPKPc	03	39.70	-0.3
HFS	141.96	348	ePKP	03	14.20	-6.0X					e	05	48.40			0.9s	18.60nm				
	0.7s	101.80nm						BZS	151.25	326	ePKPc	03	28.00	-7.5X				i	03	48.10	
SUE	142.25	355	iPKPd	03	16.40	-4.2X		ALN	151.38	314	ePKP	03	41.30	5.4X	FVI	154.39	337	PKPc	03	39.00	-0.8
ASK	142.79	355	iPKPd	03	17.90	-3.6X		ZST	151.42	334	ePKP	03	43.50	7.8X	VOY	154.45	335	ePKP	03	39.40	-0.7
EGD	143.00	355	ePKPd	03	19.00	-2.9X					e	05	50.90					ePKPbc	03	48.30	
KVT	144.35	308	iPKP	03	25.40	0.5		VKA	151.68	335	ePKP	03	36.00	-0.1				ePKPab	04	05.80	
OTFJ	144.97	292	PKP+	03	27.76	1.5					i	03	43.50		PHP	154.46	320	iPKPd	03	39.60	-0.6
CSTJ	145.70	291	PKP+	03	28.20	0.7					i	03	51.80		NKY	154.54	324	iPKPd	03	48.98	8.6X
WAJH	145.78	282	iPKP	03	27.67	0.0					i	04	00.00		OHR	154.59	319	ePKP	03	39.30	-1.1
ADAT	145.94	302	ePKP	03	30.10	2.5X		BNS	151.85	349	iPKPc	03	42.70	6.5X	FEL	154.62	346	PKP	03	40.25	-0.1
MDSJ	146.02	292	PKP+	03	28.02	-0.1			0.8s	56.00nm				TTG	154.65	323	iPKPd	03	48.98	8.7X	
BHZJ	146.03	290	PKP+	03	32.64	4.5X		KHC	151.92	339	PKPc	03	36.40	-0.1	VITF	154.70	349	PKP	03	40.25	0.0
GHJL	146.28	296	PKP	03	30.00	1.6			0.9s	31.00nm				BRY	154.72	325	iPKPd	03	49.17	8.5X	
HRI	146.29	295	ePKP	03	24.80	-3.7X					e	03	43.60		OGA	154.73	340	iPKPc	03	40.90	0.3
SHMJ	146.33	294	PKPd	03	31.17	2.7X					e	03	56.40					i	04	08.50	
BURJ	146.35	293	PKP+	03	28.38	-0.2		UZD	152.03	330	ePKP	03	36.00	-0.6	SDA	154.76	322	iPKPd	03	49.50	9.0X
AYN	146.36	287	ePKP	03	28.67	0.2		GRF	152.13	343	iPKPc	03	37.10	0.4	FLN	154.79	359	iPKPd	03	40.10	-0.2
SALJ	146.47	293	PKP+	03	28.81	0.1					e	03	44.00			0.8s	17.20nm				
KFNJ	146.49	293	PKPd	03	31.50	2.9X					e	03	57.20		RIY	154.83	334	ePKP	03	39.60	-0.9
MKRJ	146.55	292	PKPd	03	31.63	2.8X		GEC2	152.13	339	ePKPc	03	35.80	-1.1	HAU	154.84	348	ePKP	03	40.40	-0.1
JVI	146.76	293	ePKP	03	28.50	-0.7			0.8s	4.65nm					LACI	154.91	321	ePKP	03	50.00	9.3X
BBTK	147.12	308	iPKPc	03	29.50	-0.1		WET	152.13	340	iPKPc	03	37.20	0.4	BSF	154.92	347	ePKP	03	40.50	-0.2
HQL	147.18	288	iPKP	03	30.00	0.2		ENN	152.24	350	ePKP	03	37.00	0.2		1.0s	20.80nm				
BADA	147.23	287	ePKP	03	30.00	0.1			1.0s	14.00nm				LDF	154.95	358	iPKPd	03	40.20	-0.4	
FAM	147.44	299	ePKP	03	33.30	3.2X		MEM	152.38	350	iPKPc	03	36.98	0.0		1.0s	10.05nm				
RMN	147.49	290	ePKP	03	30.20	-0.3					id	03	44.27		ULC	154.96	322	iPKPd	03	49.20	8.4X
CLI	147.60	322	iPKPd	03	33.00	3.0X					ic	03	57.08		BDV	154.99	323	iPKPd	03	49.60	8.8X
CFR	147.85	319	ePKP	03	24.00	-6.4X		UCC	152.43	352	PKP-	03	45.00	8.0X	TJR	155.00	320	ePKP	03	42.00	1.1
PTT	147.87	323	ePKP	03	33.00	2.6X					e+	03	58.00		HCY	155.05	324	iPKPd	03	49.63	8.7X
CSS	147.99	299	ePKP	03	35.10	4.1X		SNF	152.72	352	iPKPc	03	37.88	0.4	GRR	155.17	360	iPKPd	03	40.70	-0.2
EKA	148.18	2	PKP	03	29.00	-1.6					id	03	45.04			0.9s	13.60nm				
	0.7s	7.10nm									id	03	57.56		BERA	155.35	319	ePKP	03	50.70	9.4X
VRI	148.31	322	ePKP	03	30.00	-1.1					ed	05	59.80		LOMF	155.37	347	PKP	03	41.44	0.1
CVO	148.65	322	iPKPc	03	35.00	3.3X		OUR	153.02	314	ePKP	03	44.54	6.4X	LPF	155.53	360	ePKP	03	43.00	1.7
EYL	148.72	310	iPKP	03	36.40	4.3X		DOU	153.09	352	PKPd	03	46.20	8.2X	HVAR	155.59	328	iPKP	03	50.30	8.7X
GPA	148.72	310	ePKP	03	35.00	3.0X					ec	03	59.60		LOR	155.96	352	iPKPd	03	41.90	-0.1
OJC	148.74	334	ePKP	03	31.40	-0.3		BCAO	153.17	228	iPKPd	03	39.60	0.4		0.8s	11.15nm				
OJC	148.74	334	iPKPd	03	35.70	4.0X			0.5s	36.00nm					SSF	156.21	352	iPKPd	03	42.30	0.0
	0.7s	173.00nm									i	03	47.90			0.9s	16.40nm				
PPCY	148.80	299	ePKP	03	35.70	3.5X					i	04	02.00		LBF	156.22	351	iPKPd	03	42.30	-0.1
ISR	148.83	321	ePKP	03	36.00	4.0X					i	05	56.20			0.8s	7.10nm				
MLR	148.97	322	ePKPc	03	31.50	-0.8		KNT	153.27	317	ePKP	03	45.06	6.5X	AVF	156.49	352	ePKP	03	42.30	-0.4
AKUR	149.00	278	ePKP	03	33.30	0.5		WLF	153.28	349	PKPc	03	39.10	0.9	SMF	156.57	351	iPKPd	03	42.50	-0.3
BRNL	149.07	343	ePKPd	03	36.80	4.8X					id	03	46.80			0.9s	7.85nm				
BRN	149.12	343	ePKP	03	38.00	5.9X					ec	04	01.40		ORO	156.73	344	PKP	03	44.00	0.8
ALT	149.32	308	ePKP	03	38.30	5.3X					e	06	03.00		RSM	156.77	335	PKP	03	43.30	0.2
SPC	149.34	332	ePKP	03	32.80	0.0		PAIG	153.43	314	ePKP	03	45.38	6.6X	BGF	156.78	353	ePKP	03	43.00	0.0
		i	03	37.10					153.49	341	ePKP	03	37.90	-0.8		0.9s	14.40nm				
		e	05	47.70							i	04	02.90					03	43.10	-0.1	
DMU	149.34	7	iPKPd	03	37.00	4.6X		THE	153.52	316	ePKP	03	45.86	7.0X	BOB	157.10	340	PKP	03	44.30	0.7
BCK	149.50	304	ePKP	03	31.10	-2.2X		LANF	153.62	347	PKP	03	39.23	0.5	PGD	157.10	336	PKP	03	43.40	-0.3
KSP	149.55	338	ePKP	03	32.80	0.0		SKO	153.69	320	iPKP	03	38.50	-0.6	TCF	157.11	354	iPKPd	03	43.40	-0.1
	0.8s	305.00nm					PTJ	153.72	332	ePKP	03	38.20	-0.9		1.1s	32.00nm					
		i	03	37.80			KBA	153.77	337	iPKPc	03	38.20	-1.1	LPL	157.13	346	ePKP	03	43.90	0.1	
		e	05	51.30				0.7s	22.00nm						0.9s	6.90nm					
MTUR	149.63	322	ePKP	03	37.00	3.7X					i	03	46.10		MAF	157.14	353	ePKP	03	43.50	0.0
DLF	149.98	6	iPKPd	03	38.30	4.9X					i	03	55.90		LPG	157.15	346	iPKPd	03	44.00	0.1
	0.8s	363.00nm																			

09d 21h

PYM	157.56	352	PKP	03	44.06	0.0	BGF	3.41	306	Pn	17	56.10	0.4	1.3s	60.00nm	5.8mb				
BNI	157.59	345	PKP	03	44.70	0.5		S.D. = 0.3	on 20 of 20 obs.											
AQU	157.66	331	PKP	03	44.10	-0.2		SEP 09, 1992 21h	41m 49.18 ± 0.69s				OHR	26.92	303	iPc	47	30.50	0.3	
DUI	157.70	328	PKP	03	44.00	-0.4		29.883 N ± 4.4km	51.035 E ± 2.7km				SRN	27.22	300	eP	47	30.00	-1.0	
CKI	157.76	342	PKP	03	53.50	9.3X		DEPTH = 42.2 ± 6.8 km					OBN	27.25	342	iPd	47	30.50	-0.5	
MNS	157.95	332	PKP	03	43.80	-0.8		5.1mb (68 obs.)	4.6MsZ (7 obs.)					0.9s	170.00nm	5.7mb				
LBL	158.04	352	PKP	03	44.66	0.0		SOUTHERN IRAN	(353)				Z	16s	0.50um	4.2MsZ				
TDS	158.14	322	PKP	03	44.50	-0.3		Felt in the Momosoni oreo.								iP	47	41.00	39kmX	
RJF	158.15	355	iPKPd	03	44.80	0.1										eS	47	47.00		
	0.9s	15.90nm														ePP	48	41.00		
CAF	158.48	354	iPKPd	03	45.50	0.4	DHR	3.65	193	iPc	42	46.00	1.3			e	49	38.00		
LFF	158.57	356	ePKP	03	45.20	0.1				eS	44	01.80				iPcP	50	31.00		
LPO	158.79	355	ePKP	03	45.70	0.3	KER	5.56	324	eP	43	14.00	2.2	PHP	27.33	304	ePd	47	32.10	0.1
PGF	159.23	339	ePKP	03	45.80	-0.3	TEH	5.85	3	eP	43	15.00	-0.8	BERA	27.44	302	eP	47	32.50	-0.5
	1.0s	16.80nm					RYD	6.48	218	iPd	43	23.60	-0.9	KKS	27.46	305	eP	47	35.50	2.4
SOI	159.35	319	PKP	03	43.40	-2.7X				eS	44	35.00		TIR	27.66	303	eP	47	34.00	-0.9
STS	159.72	16	ePKP	03	47.50	1.1	MJMA	6.48	233	iPd	43	22.33	-2.2	LACI	27.84	303	eP	47	35.00	-1.6
EPF	160.49	357	iPKPd	03	47.80	0.5	QASM	7.63	242	iPc	43	37.67	-3.0X	BZS	27.86	312	eP	47	30.00	-6.8X
	1.1s	29.05nm					TAB	9.05	336	eP	44	05.00	4.6X	HYB	28.01	110	eP	47	39.80	1.4
ERUA	160.51	13	iPKPc	03	48.50	1.2	MAIO	9.55	46	eP	44	06.00	-1.3				e	47	50.00	
EGRA	161.35	358	ePKP	03	45.00	-3.0X				eS	46	09.00		SDA	28.10	304	iPd	47	38.50	-0.5
LIC	162.41	167	PKP	03	49.42	-0.5	AYN	13.15	269	eP	44	52.00	-3.7X	GKN	29.41	85	P	47	50.30	-0.8
	0.8s	23.00nm					WAJH	13.31	257	eP	44	58.67	0.9	DMN	29.90	86	P	47	54.60	-1.0
KIC	162.60	168	PKP	03	49.66	-0.5	HRI	13.47	288	P	44	57.40	-2.6		0.6s	85.00nm	5.7mb			
	0.9s	47.50nm					BHL	13.67	291	P	45	01.00	-1.6	TDS	29.97	298	Pd	47	56.60	0.9
									S	49	22.00		KKN	30.01	85	P	47	55.64	-0.9	
ETOR	162.72	2	ePKP	03	50.50	0.9	GVMR	13.68	285	eP	44	59.40	-3.2X		0.6s	155.00nm	6.0mb			
GUD	162.73	8	ePKP	03	50.90	1.2	ARVI	13.73	277	eP	45	04.30	1.0	PKI	30.17	86	P	47	56.90	-1.2
TIC	162.82	167	PKP	03	49.80	-0.6	HQL	13.93	271	eP	45	04.20	-1.7	UZD	30.19	313	e(P)	47	59.00	1.4
	0.8s	36.50nm					BADA	14.07	268	eP	45	05.00	-2.8	SPC	30.28	318	eP	47	58.40	-0.2
EPLA	162.97	13	ePKP	03	51.20	1.4	SAGI	14.19	275	eP	45	05.80	-3.6X	ATN	30.47	295	P	48	00.70	0.5
TOL	163.49	8	ePKP	03	51.00	0.7	ADAT	14.91	303	eP	45	19.50	0.8	GUN	30.50	85	P	48	00.34	-0.7
EVIA	164.87	4	iPKPc	03	52.80	1.1	CSS	15.78	293	eP	45	29.80	-0.2	MGR	30.63	299	P	48	01.60	0.0
EVAL	165.16	18	ePKP	03	53.20	1.3	KVT	16.52	317	iP	45	39.90	0.5	SRO	30.83	315	iP	48	02.50	-0.7
EBAN	165.21	8	ePKP	03	53.50	1.6	PPCY	16.55	292	eP	45	43.00	3.2X	SGO	30.88	320	Pc	48	04.40	0.7
ECOG	166.12	8	ePKP	03	52.20	-0.6	HLW	17.08	275	ePc	45	47.20	0.7	OJC	31.03	300	eP	48	04.70	-0.3
EPRU	166.13	14	ePKP	03	54.00	1.3	ASW	17.17	255	iPd	45	50.00	2.4				e	48	07.90	
MAL	166.52	11	iPKPc	03	53.50	0.6				eS	49	16.00		ZAG	31.62	310	eP	48	10.10	-0.1
EGUA	166.55	8	ePKP	03	53.00	0.0	AKSR	17.24	253	iPd	45	49.80	1.4	DUI	31.69	302	P	48	11.40	0.4
EJIF	166.57	15	ePKP	03	54.60	1.6	AKUR	17.34	254	iPd	45	50.80	1.1	ZST	31.73	315	iP	48	10.80	-0.3
	S.D. = 0.9	on 276 of 358 obs.					AGRW	17.41	253	iPd	45	52.50	1.9				e	51	12.30	
							BBTK	17.96	308	iPd	45	57.50	0.1	VBV	32.01	309	ePc	48	13.50	-0.2
	SEP 09, 1992 21h	17m 01.61 ± 0.30s					BCK	18.60	299	eP	46	05.10	-0.1	WMO	32.19	54	eP	48	13.50	-1.8
	44.602 N ± 2.1km	6.833 E ± 3.2km					ELL	18.92	297	iP	46	10.00	0.8		Z	20s	1.07um	4.5MsZ		
	DEPTH = 11.9 ± 3.2 km						ALT	19.49	304	eP	46	14.00	-1.7	VRAC	32.48	316	iPc	48	17.60	0.0
FRANCE		(538)					KHL	19.67	301	iP	46	16.50	-1.1		1.5s	263.50nm	5.9mb			
	ML 2.4 (GEN), 2.4 (LDG).						GPA	19.84	307	eP	46	19.00	-0.3	AZI	32.50	302	P	48	18.30	0.4
PZZ	0.21	117	P	17	06.59	0.1	DST	20.76	304	eP	46	27.90	-1.0	AQU	32.59	303	P	48	19.80	1.0
DOI	0.31	108	P	17	08.00	-0.2	KCT	21.19	305	eP	46	33.90	0.7	LJU	32.65	310	ePc	48	19.50	0.3
			S	17	10.08		NPS	22.06	291	eP	46	40.70	-1.2				ePcP	51	05.00	
RRL	0.32	354	P	17	08.03	-0.4	PRK	22.37	301	eP	46	46.00	1.0	VOY	33.08	310	ePc	48	22.00	-0.2
			eSg	17	12.90		KSH	22.57	58	P	46	47.50	0.4	MNS	33.12	303	P	48	23.40	0.0
BHB	0.39	52	P	17	09.54	-0.1				1.2s	350.00nm	5.7mb	ARV	33.13	305	P	48	23.80	0.3	
			S	17	15.64		BOM	22.61	114	eP	46	47.50	0.1	ASS	33.25	304	P	48	24.80	0.2
BNI	0.46	346	P	17	10.90	-0.3	PSN	22.81	313	iP	46	52.00	2.8	KSP	33.30	319	eP	48	23.80	-1.0
			eSg	17	17.40		ALN	23.07	305	eP	46	51.78	0.0	RSM	33.57	305	P	48	29.40	2.2
STV	0.50	135	P	17	11.72	-0.2	CFR	23.60	317	eP	46	51.00	-5.9X	KBA	33.74	311	iPc	48	28.50	-0.4
			S	17	18.69		POO	23.63	113	eP	46	38.50	-18.9X		1.0s	55.90nm	5.4mb			
ENR	0.56	132	P	17	12.61	-0.4	AAE	23.71	211	iP	47	01.70	3.1X				i	49	08.40	
			S	17	20.71		DIM	23.85	308	iP	47	00.00	0.7	CRE	33.87	305	P	48	30.10	0.2
RSP	0.63	29	P	17	14.18	0.1	RZN	24.29	306	iP	47	04.00	0.2	FVI	33.97	310	P	48	30.70	0.1
			S	17	23.69		OUR	24.38	303	eP	47	05.42	0.9	PRU	33.97	317	eP	48	29.50	-1.1
ROB	0.80	112	P	17	17.46	0.4	VLI	24.40	294	eP	47	04.10	-0.6		2.2s	57.10nm	5.1mb			
			S	17	28.84		PLD	24.44	307	iP	47	06.00	0.9	GEC2	34.07	314	ePc	48	30.70	-0.9
SBF	0.86	149	Pg	17	18.10	0.1	PVL	24.45	310	iP	47	07.00	1.9		0.7s	5.89nm	4.7mb			
			Sg	17	29.60		PAIG	24.49	302	eP	47	06.54	1.0				e	48	33.10	
LSD	0.89	15	P	17	18.79	0.2	ISR	24.55	315	eP	47	09.00	2.8				e	48	38.70	
			S	17	30.35		VRI	24.82	317	ePc	47	09.50	0.8				e	48	43.10	
LPG	0.90	356	Pg	17	18.80	0.0	CLI	24.86	319	ePc	47	11.40	2.3				e	48	48.40	
			Sg	17	31.30		SRS	24.89	304	eP	47	10.18	0.7				e	48	52.40	
LPL	0.92	356	Pg	17	19.30	0.2	MMB	24.95	305	iP	47	10.00	0.0				e(PcP)	51	08.40	
			Sg	17	32.00		PGB	24.98	308	iP	47	12.00	1.7				e	51	33.10	
IMI	1.03	132	P	17	20.64	-0.3	SOH	24.98	303	eP	47	11.61	1.3				e	51	39.20	
			S	17	34.55		MLR	25.10	315	iPc	47	13.00	1.5				e	51	44.20	
FRF	1.05	187	Pg	17	20.90	-0.3	CVO	25.12	316	iPc	47	13.00	1.4	PGD	34.08	305	P	48	33.20	1.4
			Sg	17	34.20		THE	25.21	303	eP	47	13.26	0.9	BHG	34.23	312	iPc	48	32.60	-0.3
FIN	1.06	111	P	17	21.77	0.3	AGG	25.28	299	eP	47	12.82	-0.4	KHC	34.25	315	Pc	48	32.10	-1.0
			S	17	36.30		KNT	25.41	304	eP	47	15.02	0.7		1.3s	60.50nm	5.4mb			
LRG	1.20	197	Pg																	

LSA	34.69	80	eP	48 38.80	1.2	BGF	40.68	308	iPc	49 26.50	-0.6	LIC	57.63	258	Pc	51 37.66	0.0	
MME	34.86	305	P	48 39.40	0.8		1.0s	16.80nm			4.7mb			0.6s	36.50nm		5.6mb	
WTTA	34.91	311	iPc	48 38.10	-0.9	NB2	40.74	331	P	49 25.80	-1.5							
	1.2s	94.50nm			5.6mb		0.6s	3.80nm			4.3mb							
		i		48 50.30		GTA	40.82	63	P	49 27.00	-1.4	CN2	59.28	54	Pd	51 48.80	0.1	
WATA	34.97	311	iPc	48 38.00	-1.4		Z	14s	0.87um		4.8MszX			1.2s	19.00nm		5.1mb	
SOTA	35.18	311	iPc	48 40.20	-1.0	MAF	40.84	307	eP	49 28.10	-0.2		Z	18s	0.65um		4.8Msz	
	0.5s	27.20nm			5.4mb		1.1s	17.85nm			4.7mb		MBC	73.96	358	eP	53 21.50	0.2
SAL	35.26	308	P	48 42.70	1.0	CAF	41.07	305	eP	49 30.20	-0.1			1.4s	42.00nm		5.2mb	
MOTA	35.28	311	iPc	48 40.80	-1.3	TCF	41.09	307	iPc	49 30.10	-0.3	IMA	82.49	10	eP	54 08.86	0.4	
	1.1s	85.80nm			5.6mb		0.9s	13.60nm			4.7mb			0.6s	3.89nm		4.6mb	
NUR	35.34	338	iP	48 40.90	-1.3	RJF	41.49	306	iPc	49 33.90	0.2	TTA	85.01	12	eP	54 20.09	-1.2	
	0.4s	4.60nm			4.8mb		0.6s	10.30nm			4.7mb			1.3s	19.32nm		5.1mb	
CLL	35.38	318	iPc	48 42.30	-0.4	LSF	41.56	307	eP	49 34.20	0.0	SVW	86.77	13	eP	54 30.59	0.7	
	1.3s	68.00nm			5.4mb	LPO	41.68	305	iPc	49 35.30	0.1		1.3s	35.91nm		5.4mb		
FUR	35.39	312	iPc	48 42.30	-0.6	LFF	42.01	305	iPc	49 38.10	0.2	YKA	87.23	353	eP	54 26.40	-5.6X	
	1.0s	124.00nm			5.8mb		0.7s	46.25nm			5.3mb			1.3s	16.20nm		5.1mb	
OSS	35.76	310	ePc	48 46.10	0.0	EROQ	42.19	299	iPd	49 40.80	1.3	PMR	87.39	9	eP	54 33.07	0.2	
PGF	35.84	302	eP	48 46.60	-0.2	KEV	42.20	348	iP	49 41.00	1.9		1.3s	35.17nm		5.4mb		
BOB	35.84	306	Pc	48 47.30	0.5		1.0s	56.00nm			5.2mb	KLW	87.91	8	eP	54 36.13	0.6	
GRF	35.88	315	iPc	48 46.80	-0.2	EPF	42.23	302	iPc	49 39.10	-0.8	WRA	94.18	110	P	55 05.19	0.1	
	1.1s	56.00nm			5.4mb	EGRA	42.71	301	eP	49 40.90	-2.8		0.6s	1.20nm		4.5mb		
	Z	18s	0.20um		3.9Msz	MFF	42.74	308	iPc	49 43.40	-0.5	WB2	94.19	110	iPc	55 04.60	-0.5	
MOX	35.96	316	eP	48 46.80	-0.8		1.0s	28.20nm			5.0mb			0.8s	3.10nm		4.8mb	
	1.4s	26.00nm			5.0mb	LDF	42.92	311	iPc	49 44.40	-0.9	ASPA	95.68	114	iPd	55 11.20	-0.7	
KAF	36.06	340	iP	48 47.00	-1.2		0.5s	9.75nm			4.8mb			0.6s	3.20nm		5.0mb	
	0.5s	6.70nm			4.8mb	FLN	43.17	311	iPc	49 46.50	-0.9	JFWS	99.29	332	P	55 40.00	11.9X	
VDL	36.16	309	ePc	48 50.40	0.8		1.9s	46.80nm			4.9mb		Z	16s	0.08um		4.3MszX	
PCP	36.44	306	P	48 50.59	-1.2	ECHE	43.30	297	iPc	49 50.00	1.4	RSSD	102.90	342	Pdiff	55 50.00	5.6X	
TMA	36.49	308	(P)	48 52.86	0.5	GRR	43.38	310	iPc	49 48.50	-0.6		Z	21s	0.09um		4.3Msz	
LLS	36.56	310	ePc	48 52.20	-0.8		0.7s	24.45nm			5.1mb	GOL	107.38	341	(PKP)	00 16.71	3.6X	
FIN	36.63	305	P	48 52.34	-1.0	LPF	43.47	310	iPc	49 49.00	-0.8	LBFM	108.83	354	(PKP)	00 17.79	2.1X	
IMI	36.82	304	P	48 51.82	-3.1X		1.0s	52.20nm			5.2mb	SPA	119.72	180	iPKPc	00 31.30	-4.2X	
ROB	36.88	305	P	48 55.11	-0.4	ETOR	44.06	299	eP	49 55.40	0.6		0.7s	4.69nm				
SLE	37.10	311	ePc	48 56.40	-0.8	LZH	44.28	68	eP	49 57.80	1.0	OPA	121.60	32	(PKP)	00 42.77	2.5X	
MMK	37.10	308	ePc	48 57.70	0.2		2.0s	98.00nm			5.2mb	ZOBO	123.00	269	ePKP	00 48.00	4.1X	
ZLA	37.10	310	ePc	48 56.70	-0.6		Z	16s	0.53um		4.6MszX	CNCB	123.09	269	PKP	00 45.00	1.0	
SBF	37.13	304	eP	48 57.60	0.0		N	14s	0.34um								S.D. = 1.1 on 229 of 249 obs.	
	1.1s	84.00nm			5.6mb	EVIA	44.56	296	eP	49 59.80	0.9							
ENR	37.19	305	P	48 57.36	-0.8	IRK	44.75	44	iPc	50 02.80	2.7						? SEP 09, 1992 21h 44m 49.73±2.48s	
STV	37.26	305	P	48 57.87	-0.9		1.5s	38.00nm			5.0mb						30.189 N ±54.6km 50.879 E ±15.5km	
DOI	37.35	305	P	48 58.80	-0.7						50 14.80						DEPTH = 33.0km (normal)	
BHB	37.39	306	P	48 57.57	-2.1						51 44.00						4.8mb (13 obs.)	
RSP	37.44	306	P	48 58.59	-1.6	CD2	45.13	75	eP	50 05.50	2.0						NORTHERN IRAN (348)	
UPP	37.45	333	iP	48 58.40	-1.5	BDT	45.43	95	eP	50 05.00	-0.9						Felt at Gochsoran.	
PZZ	37.46	305	P	48 58.90	-1.5	EGUA	45.61	294	eP	50 07.50	0.3							
DIX	37.48	308	ePd	49 00.30	-0.5	EBAN	45.62	296	iPd	50 07.80	0.6	KBA	33.44	311	iPd	51 28.20	0.4	
LSD	37.56	307	P	49 00.85	-0.5	TOL	45.64	298	eP	50 07.50	0.1		1.2s	25.10nm		5.0mb		
RRL	37.74	306	P	49 03.00	0.1	GUD	45.66	299	eP	50 08.20	0.5							
BNI	37.83	306	Pc	49 02.80	-0.8	KMI	45.80	83	eP	50 10.00	1.0	WTTA	34.61	311	iPc	51 37.70	-0.2	
LPG	37.84	307	eP	49 03.30	-0.6		1.9s	50.00nm			5.1mb		1.1s	27.90nm		5.1mb		
	1.2s	58.00nm			5.4mb			pP		50 16.00	20kmx	FUR	35.09	312	eP	51 42.00	0.2	
LPL	37.86	307	eP	49 03.30	-0.6	EKA	45.80	320	Pd	50 08.00	-0.4	SBF	36.85	304	eP	51 58.10	1.3	
	0.9s	29.15nm			5.2mb		0.7s	16.80nm			5.1mb		0.8s	18.00nm		5.0mb		
CDF	38.04	312	iPc	49 03.80	-1.4	MAL	46.30	294	iPd	50 12.20	-0.3	LPG	37.55	307	eP	52 02.70	-0.2	
	0.9s	12.60nm			4.8mb	EPLA	47.18	299	eP	50 19.50	-0.1		0.9s	9.00nm		4.6mb		
BSF	38.23	311	iPc	49 06.00	-0.9	EJIF	47.18	294	eP	50 19.50	-0.1	LPL	37.57	307	eP	52 02.80	-0.2	
	0.6s	17.75nm			5.1mb	ETA	47.21	316	eP	50 20.20	0.7		0.9s	9.50nm		4.7mb		
HAU	38.56	311	iPc	49 08.50	-1.0	ECP	47.26	315	eP	50 21.80	1.9	BSF	37.93	310	eP	52 05.30	-0.5	
	0.9s	21.15nm			5.0mb	DLF	47.46	317	eP	50 23.40	1.9	HFS	38.89	331	eP	52 13.00	-0.5	
WLF	39.04	313	iPc	49 12.88	-0.6	DMU	47.75	317	eP	50 23.00	-0.8		1.0s	26.40nm		5.0mb		
HFS	39.22	331	eP	49 13.50	-1.3	EVAL	48.02	295	eP	50 26.00	-0.1	WTS	38.93	317	eP	52 16.00	2.0	
	0.5s	14.20nm			5.0mb	NNT	48.17	100	eP	50 26.70	-0.8		0.9s	36.00nm		5.1mb		
	Z	17s	0.16um		3.9MszX					53 24.70		SMF	39.72	308	iPc	52 20.30	-0.4	
WTS	39.25	317	iPc	49 16.10	1.0	XAN	48.73	69	Pc	50 31.40	-0.3		1.1s	2.90nm		4.0mb		
	0.9s	114.00nm			5.7mb		1.2s	37.00nm			5.3mb	SSF	40.00	309	eP	52 22.90	-0.1	
ENN	39.45	315	eP	49 17.50	0.7	GYA	48.76	80	iPd	50 32.60	0.5		1.0s	10.60nm		4.6mb		
	1.1s	36.00nm			5.1mb	HHC	49.68	60	Pd	50 41.00	2.0	NB2	40.41	331	P	52 25.40	-0.7	
				49 38.00			1.6s	51.00nm			5.3mb		0.8s	7.10nm		4.5mb		
WIT	39.57	318	eP	49 20.00	2.2		Z	20s	0.62um		4.6Msz	LSF	41.27	307	eP	52 37.50	4.1X	
BCAO	39.79	237	iPc	49 20.00	-0.1	TIY	50.83	64	eP	50 48.60	0.9	MFF	42.45	307	eP	52 42.70	-0.3	
	0.7s	27.00nm			5.2mb		Z	20s	2.25um		5.2Msz		0.8s	4.85nm		4.3mb		
		i		49 49.00		BJI	53.28	60	eP	51 06.50	0.6	LDF	42.62	310	eP	52 43.00	-1.4	
		i		52 19.70			Z	20s	0.48um		4.5Msz	FLN	42.87	311	eP	52 45.20	-1.3	
LBF	39.97	309	iPc	49 20.30	-0.9	IPM	53.42	108	ePd	51 04.50	-2.8	LZH	44.29	68	Pd	52 58.40	0.0	
	0.7s	7.60nm			4.6mb	WHN	54.05	72	P	51 12.50	0.8		2.0s	33.00nm		4.8mb		
SMF	40.01	308	iPc	49 20.90	-0.7	BUL	54.22	206	iPd	51 25.00	11.8X	EKA	45.48	320	P	53 09.00	1.6	
	1.1s	65.95nm			5.3mb		0.9s	12.18nm					1.1s	13.40nm		4.8mb		
LOR	40.09	309	iPc	49 21.30	-0.9						54 12.70						S.D. = 1.0 on 17 of 18 obs.	
	0.9s	16.70nm			4.8mb	TIA	54.81	65	eP	51 18.10	0.8							
DOU	40.12	314	Pd	49 22.90	0.5		1.4s	290.00nm			6.1mb	& SEP 09, 1992 23h 04m 55.84s					34.298 N 116.455 W	
SSF	40.30	309	iPc	49 23.40	-0.5	NJ2	57.30	69	Pc	51 35.50	0.4						DEPTH = 5.6km	
	0.9s	28.35nm			5.0mb		1.2s	15.00nm			4.9mb						SOUTHERN CALIFORNIA (43)	
AVF	40.37	308	eP	49 23.90	-0.5	KIC	57.31	258	Pc	51 35.40	-0.1						<PAS>P>. ML 2.9 (PAS).	
	1.1s	26.60nm			4.9mb						54 35.00							
SNF	40.41	314	Pc	49														

09d 23h

PLM 1.00 200 iPd 05 14.14 -1.2
 SSK 1.03 265 eP 05 14.56 -1.3
 GLA 1.84 132 ePnd 05 25.32 -3.0
 ISA 2.15 310 (P) 05 33.76 1.0
 ABL 2.35 284 eP 05 33.87 -2.0
 TPNV 2.65 4 eP 05 41.04 1.0
 BCH 3.12 288 (P) 05 45.81 -0.8
 BONR 3.94 338 (P) 05 59.68 1.1
 ARUT 4.25 34 ePn 06 01.80 -1.0
 MSU 5.44 38 (P) 06 20.18 0.4
 11 obs. associated

SEP 09, 1992 23h 32m 20.64±0.29s
 5.947 N ± 4.7km 124.222 E ± 6.7km
 DEPTH = 29.7km (9 depth phases)
 5.1mb (18 obs.) 4.7Msz (14 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

CGP 2.53 11 ePd 33 02.00 1.4
 BIP 3.03 42 ePc 33 09.00 1.4
 MAP 4.35 357 ePd 33 30.30 3.8X
 TNE 5.98 149 e(P)c 33 50.50 1.0
 TSM 6.53 256 eP 33 56.00 -1.3
 PPR 6.64 305 iPd 33 47.00 -11.7X
 KKM 7.96 271 ePc 34 17.70 0.3
 BAG 10.99 341 eP 35 00.00 0.7
 QIZ 19.11 314 eP 36 44.80 0.8
 MTN 19.89 160 eP 36 51.50 -1.2
 KGM 21.21 260 eP 37 09.50 3.1X
 WWKK 21.58 116 eP 37 13.50 3.3X
 KNA 22.02 168 eP 37 14.00 -0.5
 IPM 23.14 268 ePd 37 29.20 3.6X
 SSE 25.18 354 Pc 37 44.00 -1.1
 NST 25.53 294 eP 37 51.00 2.5
 WHN 26.17 340 Pc 37 58.00 3.7X
 GYA 26.39 323 P 37 59.20 2.6
 PMG 27.48 124 eP 38 06.00 -0.5
 WB2 27.59 159 iPd 38 05.90 -1.6
 KMI 28.06 315 eP 38 14.50 2.6
 QIS 30.37 151 eP 38 30.80 -1.6
 TIA 30.82 349 eP 38 35.00 -1.2
 ASPA 30.91 163 iPd 38 37.20 0.0
 XAN 31.34 335 P 38 40.30 -0.6
 CD2 31.40 325 P 38 41.60 0.2
 WARB 32.03 176 eP 38 46.00 -0.9
 MAT 33.04 21 eP 38 55.00 -0.6
 TIY 33.39 343 eP 38 57.80 -1.0

BJI 34.71 349 eP 39 09.50 -0.5
 LZH 35.35 331 Pc 39 16.50 0.8
 MRWA 35.85 192 eP 39 20.00 0.2
 HHC 36.55 344 P 39 26.40 0.6
 BTO 36.78 342 P 39 25.00 -2.7
 KLB 37.83 189 eP 39 36.00 -0.5
 MDJ 38.80 6 eP 39 42.90 -1.6
 GTA 39.93 330 P 39 55.00 0.9
 STK 41.10 157 eP 40 03.80 0.2
 GUN 42.41 306 P 40 15.06 0.2
 PKI 42.66 305 P 40 16.74 -0.2
 KKN 42.85 305 P 40 18.02 -0.3
 DMN 42.92 305 P 40 18.48 -0.5
 ADE 42.93 162 eP 40 20.40 1.8
 GKN 43.46 305 P 40 22.92 -0.2
 ARMA 44.69 146 eP 40 34.00 1.0
 HYB 46.03 288 eP 40 53.50 9.7X
 BFD 46.19 160 eP 40 54.40 9.8X
 BWA 46.20 152 eP 40 46.30 1.4
 KOD 46.45 278 eP 40 46.00 -1.5
 CAN 47.21 152 eP 40 53.10 0.3
 CNB 47.38 152 eP 40 55.10 0.9
 TOO 47.62 157 eP 40 57.80 1.8
 IRK 49.01 344 ePc 41 05.00 -1.6
 WMO 49.49 325 P 41 09.50 -1.0
 DZM 49.85 125 iPc 41 19.90 6.4X
 KSH 54.69 315 P 41 51.40 1.8
 MAIO 66.19 307 eP 43 08.00 -0.1
 PMR 83.21 29 (P) 44 42.02 -3.2X
 OBN 83.80 325 eP 45 00.00 11.6X
 HRI 85.51 303 eP 44 58.10 0.5
 JVI 85.94 302 eP 45 00.00 0.3
 ZNT 86.18 302 eP 45 01.20 0.4
 MBH 86.52 299 eP 45 02.80 0.2
 KAF 88.49 332 iP 45 09.90 -1.4
 NUR 89.56 331 eP 45 13.00 -3.4X
 MBC 90.34 12 eP 45 19.00 -0.8
 NB2 95.70 333 P 45 42.40 -2.4
 ZOBO 164.12 131 PKP 52 24.30 0.5

S.D. = 1.2 on 56 of 68 obs.
 & SEP 10, 1992 00h 34m 10.18s
 62.852 N 149.941 W
 DEPTH = 80.1km
 CENTRAL ALASKA (1)
 <AEIC>
 HUR 0.19 48 iP 34 21.95 1.6
 CUT 0.47 199 iP 34 23.75 -0.1
 TRF 0.62 346 iP 34 25.44 0.0
 RND 0.74 41 iP 34 26.35 -0.3
 KTH 0.83 328 eP 34 27.78 0.2
 MCK 0.99 27 eP 34 29.26 -0.2
 SKT 1.15 221 eP 34 30.72 -0.6
 GH0 1.18 156 eP 34 31.84 0.0
 PWA 1.21 179 iP 34 31.97 -0.1
 SML 1.29 144 eP 34 32.89 -0.3
 PLRM 1.32 163 eP 34 33.63 0.1
 SUA 1.44 195 iP 34 35.24 0.0
 SCM 1.59 129 eP 34 36.86 -0.3
 KNK 1.60 154 eP 34 37.05 -0.3
 PMS 1.62 173 iP 34 38.21 0.6
 NCG 1.79 217 eP 34 39.52 -0.3
 WRH 1.82 26 eP 34 39.26 -1.0
 CGLM 1.83 213 eP 34 40.06 -0.3
 CRP 1.90 214 eP 34 41.21 -0.2
 TOA 1.90 112 eP 34 41.24 -0.2
 CPKM 1.93 215 eP 34 41.56 -0.3
 CKN 1.95 214 eP 34 42.43 0.5
 SPU 1.95 212 iP 34 41.77 -0.2
 BGL 1.97 217 eP 34 42.42 0.1
 CKL 2.01 215 eP 34 42.51 -0.4
 CCB 2.04 27 eP 34 41.89 -1.2
 PTE 2.04 167 eP 34 43.53 0.4
 PAX 2.05 85 eP 34 44.01 0.6
 HDA 2.05 39 eP 34 42.22 -1.1
 SDG 2.05 97 eP 34 43.23 -0.2
 BKG 2.10 213 eP 34 43.46 -0.6
 KLU 2.33 124 eP 34 45.64 -1.6
 SLKM 2.36 183 eP 34 48.38 0.8
 MPA 2.39 173 eP 34 49.03 1.1
 GLI 2.40 144 eP 34 46.38 -1.7
 GLM 2.42 27 eP 34 47.28 -1.2
 VLZ 2.43 134 eP 34 46.75 -1.7
 FID 2.67 141 eP 34 50.05 -1.8
 RS2 2.75 211 eP 34 52.22 -0.9
 TTA 2.78 274 eP 34 52.62 -0.8
 GLB 3.21 113 eP 34 58.25 -1.1
 CNPM 3.40 191 eP 35 01.97 0.1
 42 obs. associated
 * SEP 10, 1992 00h 51m 09.07±2.79s
 44.562 N ±13.4km 128.662 W ±19.1km
 DEPTH = 10.0km (geophysicist)
 3.3mb (1 obs.)
 OFF COAST OF OREGON (30)
 KMOR 3.82 72 P 52 07.87 -1.4
 BMW 4.27 61 P 52 14.90 -0.8
 OSR 4.40 46 P 52 17.22 -0.3
 SSOR 4.43 84 P 52 17.75 -0.2
 OOW 4.44 43 P 52 18.14 0.1
 RVW 4.46 67 P 52 18.44 0.1
 CPW 4.56 56 P 52 19.09 -0.6
 OTR 4.62 39 P 52 20.83 0.3
 SMW 4.62 52 P 52 19.71 -0.9
 OBC 4.71 41 P 52 22.10 0.2
 CZM 4.72 64 P 52 21.88 -0.1
 FL2 4.74 68 P 52 22.33 0.0
 ERK 4.78 66 P 52 22.78 -0.2
 MTMW 4.78 70 P 52 23.13 0.2
 SHW 4.81 68 P 52 23.96 0.5
 STD 4.83 67 P 52 24.28 0.6
 ESD 4.87 68 P 52 24.77 0.5
 TDL 4.88 66 P 52 24.33 0.0

CDFW 4.92 69 P 52 25.22 0.4
 LMW 4.94 63 P 52 25.48 0.3
 HDW 4.97 50 P 52 25.74 0.1
 BPO 4.98 87 P 52 25.30 -0.5
 STW 4.98 42 P 52 25.74 0.1
 VBEM 5.06 82 P 52 26.36 -0.5
 GMW 5.06 52 P 52 26.70 -0.1
 ASR 5.23 70 P 52 29.70 0.4
 BLN 5.24 47 P 52 30.31 1.0
 RVC 5.25 61 P 52 29.74 0.1
 REMR 5.28 62 P 52 30.30 0.2
 GLK 5.34 66 P 52 31.25 0.3
 WPW 5.43 64 P 52 32.05 -0.1
 FMW 5.44 62 P 52 32.25 0.0
 PGC 5.44 39 P 52 31.50 -0.6
 0.4s 7.00nm 4.7mb X
 GSM 5.47 59 P 52 32.63 -0.1
 RMW 5.59 56 P 52 34.06 -0.2
 OHW 5.66 46 P 52 35.98 0.7
 MCW 5.75 42 P 52 36.55 0.0
 JCW 5.91 50 P 52 38.89 0.2
 CMW 5.94 47 P 52 40.12 0.8
 TBM 6.20 62 P 52 43.19 0.2
 RPW 6.28 49 P 52 43.82 -0.2
 MBW 6.28 45 P 52 45.01 0.8
 ETW 6.54 59 P 52 47.38 -0.5
 CRF 6.88 68 P 52 52.41 0.0
 EPH 6.91 63 P 52 52.11 -0.7
 OD2 7.49 64 P 52 59.85 -1.1
 MSU 13.74 110 e(P) 54 32.67 6.2X
 SRU 14.57 106 eP 54 45.24 8.0X
 RSSD 17.61 83 e(P) 55 17.96 1.8
 YKA 19.73 20 eP 55 40.70 -0.8
 0.9s 1.50nm 3.3mb
 S.D. = 0.6 on 48 of 50 obs.

* SEP 10, 1992 01h 17m 54.73±2.76s
 5.015 S ±19.8km 146.105 E ±21.9km
 DEPTH = 24.5 ± 11.0 km
 4.3mb (2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.4 (PMG).

MDG 0.40 234 iPd 18 02.60 -0.6
 YYY 1.23 186 eP 18 16.60 0.1
 LAT 1.87 151 iPc 18 30.70 5.1X
 MNDI 2.69 245 iPd 18 37.60 0.1
 iS 19 08.40
 WWKK 2.83 299 eP 18 38.80 -0.6
 PMG 4.49 167 eP 19 02.00 -0.9
 eS 19 47.00
 RMO 21.50 174 eP 22 43.40 -0.6
 0.3s 4.00nm 4.3mb
 ASPA 21.96 211 iPc 22 48.70 0.0
 0.4s 3.90nm 4.2mb
 S.D. = 0.6 on 7 of 8 obs.

& SEP 10, 1992 02h 43m 29.20s
 50.474 N 129.804 W
 DEPTH = 10.0km (geophysicist)
 3.6mb (1 obs.)
 VANCOUVER ISLAND REGION (25)
 <PGC-P>. ML 3.6 (PGC).

HOLB 1.08 80 P 43 51.15 1.6
 S 44 07.52
 BPBC 1.34 103 P 43 53.99 0.1
 PHC 1.53 80 Pc 43 56.49 0.0
 S 44 18.54
 EDB 1.83 108 P 44 00.03 -0.8
 S 44 23.63
 BBB 2.01 31 P 44 02.60 -1.0
 ETB 2.38 116 P 44 08.56 -0.3
 S 44 35.81
 GDR 2.52 104 P 44 10.25 -0.6
 CBB 2.88 97 P 44 16.17 0.2
 BTB 2.94 108 Pc 44 16.34 -0.6
 S 44 51.56
 OZB 3.18 117 P 44 19.50 -0.8
 S 44 55.15
 ALB 3.44 109 P 44 23.48 -0.3
 MGB 3.63 112 P 44 26.34 -0.4
 SHB 3.92 101 P 44 30.60 -0.2
 PFB 3.98 117 P 44 31.56 0.0
 S 45 16.34
 PGC 4.52 111 P 44 39.63 0.5
 MCW 4.88 109 eP 44 44.77 0.4

MBW 5.41 105 P 44 52.78 0.8
 CMW 5.42 109 P 44 52.65 0.6
 JCW 5.63 111 P 44 55.62 0.6
 RPW 5.77 107 P 44 57.67 0.7
 RMW 6.07 117 eP 45 02.44 1.3
 GSM 6.22 119 P 45 04.43 1.1
 RVC 6.27 121 P 45 05.87 1.8
 FMW 6.44 120 P 45 07.56 1.0
 LON 6.48 122 eP 45 07.27 0.3
 TDL 6.52 126 P 45 09.34 1.7
 FL2 6.56 128 P 45 09.77 1.6
 NLW 6.64 108 P 45 09.65 0.3
 WPW 6.65 121 P 45 10.92 1.5
 MTMW 6.74 128 P 45 12.48 1.7
 TWW 6.78 116 P 45 13.00 1.8
 ETW 6.86 111 P 45 13.05 0.7
 TBM 6.92 115 P 45 14.32 1.2
 DHW2 7.03 107 P 45 14.99 0.4
 NAC 7.03 119 P 45 15.94 1.3
 WTV 7.04 109 P 45 15.03 0.2
 EBG 7.08 117 P 45 16.50 1.2
 EPH 7.41 111 P 45 20.12 0.1
 WAH2 7.74 115 P 45 24.90 0.4
 OD2 7.93 109 P 45 26.54 -0.7
 DPW 8.04 104 eP 45 28.02 -0.8
 NEW 8.57 100 eP 45 37.59 1.4
 0.9s 5.26nm 4.8mb X
 HHA1 13.89 114 (P) 46 51.21 2.8
 BW06 15.86 111 eP 47 17.70 3.4
 1.0s 3.50nm 3.5mb X
 RSSD 18.54 100 eP 47 54.90 7.1
 1.0s 4.61nm 3.6mb
 45 obs. associated

SEP 10, 1992 03h 31m 32.24±0.51s
 10.750 N ± 8.9km 86.407 W ± 10.0km
 DEPTH = 10.0km (geophysicist)
 4.5mb (9 obs.) 4.0Msz (2 obs.)
 OFF COAST OF COSTA RICA (77)
 MD 4.3 (SJR).

JCR 1.56 125 ePc 31 59.67 -0.4
 SJS 2.45 109 ePd 32 16.51 3.5X
 LCR2 2.57 113 ePd 32 16.17 1.4
 QCR 2.57 121 eP 32 13.11 -1.5
 ICR 2.65 107 ePc 32 19.58 3.4X
 PBJ 10.41 304 (P) 34 02.00 -2.8X
 TPM 14.71 305 (P) 35 02.50 0.0
 SDV 15.65 95 eP 35 16.60 1.8
 TOV 16.38 92 eP 35 28.80 4.8X
 PRM 23.52 8 ePd 36 44.66 1.3
 JSC 23.89 11 iPc 36 47.93 1.1
 e 36 55.32
 LHS 24.17 11 ePc 36 50.29 0.7
 e 36 57.41
 UYO 24.45 344 iPc 36 52.00 -0.3
 GBTN 24.88 4 ePd 36 57.05 0.5
 CEH 25.89 14 eP 37 06.29 0.3
 0.8s 29.69nm 5.0mb
 VVO 25.91 342 e(P) 37 05.00 -1.2
 TUL 26.46 343 e(P) 37 08.30 -3.0X
 0.8s 10.30nm 4.6mb
 Z 22s 0.34um 3.9Msz
 LR 47 25.00

LNO 26.46 343 e(P) 37 08.50 -2.6
 NAV 26.93 10 eP 37 15.38 -0.3
 ALQ 30.23 326 eP 37 46.77 1.1
 0.8s 2.77nm 4.2mb
 JFWS 32.22 355 eP 38 00.09 -2.7
 1.0s 12.75nm 4.8mb
 ZOBO 32.38 146 P 38 04.00 -1.2
 Z 22s 0.53um 4.2Msz
 LR 47 08.00
 LPB 32.60 146 eP 38 06.00 -0.8
 Z 16s 1.35um 4.7MszX
 LR 49 34.00
 CNCB 32.89 146 P 38 09.90 0.4
 PV10 34.16 327 eP 38 20.00 0.0
 CCH 34.38 144 eP 38 21.00 -1.2
 RSNY 35.20 15 eP 38 27.37 -1.2
 0.8s 9.64nm 4.7mb
 SRU 35.49 327 eP 38 31.15 -0.2
 PLM 35.86 314 (P) 38 36.22 1.7
 MSU 35.98 325 eP 38 37.30 1.7
 EMUT 36.15 327 eP 38 37.76 0.8
 EEO 36.31 9 eP 38 40.00 2.1
 SIV 36.53 136 eP 38 41.00 0.8

RSSD 36.58 339 eP 38 41.15 0.7
 0.8s 2.25nm 4.0mb
 DAU 36.82 328 eP 38 43.06 0.4
 BW06 37.75 332 eP 38 50.00 -0.4
 0.7s 1.36nm 3.8mb
 BONR 39.37 319 eP 39 05.47 1.3
 LMN 39.55 24 eP 39 07.50 2.4X
 ULM 40.15 351 eP 39 08.00 -2.0
 LBFM 43.58 321 eP 39 38.88 0.4
 JAO 43.78 9 eP 39 37.00 -2.6
 SES 44.43 338 eP 39 44.00 -1.0
 BAO 46.20 124 e(P) 40 00.90 1.3
 e 40 06.50
 YKA 55.51 345 eP 41 14.20 4.7X
 0.8s 1.20nm 4.0mb
 ADK 81.81 321 eP 43 57.70 4.9X
 0.6s 11.82nm 5.1mb
 CHG 150.15 350 ePKP 51 24.60 4.0X
 GBA 150.98 34 PKP 51 27.50 5.7X
 S.D. = 1.3 on 37 of 47 obs.

* SEP 10, 1992 03h 50m 02.23±1.19s
 10.595 N ± 15.0km 86.612 W ± 14.8km
 DEPTH = 10.0km (geophysicist)
 4.7mb (1 obs.)
 OFF COAST OF COSTA RICA (77)
 MD 4.3 (SJR).

VCR 1.07 116 ePc 50 21.29 -1.2
 SJS 2.60 104 ePd 50 46.31 1.1
 QCR 2.68 116 eP 50 45.89 -0.3
 LCR2 2.71 108 ePd 50 46.56 -0.2
 ICR 2.81 102 ePd 50 49.65 1.3
 ACR 3.91 119 ePc 51 03.45 -0.2
 SGS 23.18 13 eP 55 10.79 0.8
 PRM 23.70 9 eP 55 14.85 -0.2
 JSC 24.08 11 ePc 55 18.54 -0.2
 LHS 24.36 12 eP 55 20.97 -0.5
 GBTN 25.05 5 eP 55 26.76 -1.4
 CEH 26.09 14 eP 55 37.10 -0.8
 0.9s 15.24nm 4.7mb
 PV10 34.18 328 eP 56 51.50 1.3
 SRU 35.51 327 (P) 57 02.11 0.6
 EEO 36.49 9 eP 57 17.00 7.6X
 LMN 39.77 24 ePd 57 37.80 0.9
 ITR 51.66 110 eP 59 04.70 -7.1X
 BTO 126.79 344 ePd diff 05 47.40 -1.3
 GBA 151.22 34 PKP 09 58.00 5.8X
 S.D. = 1.0 on 16 of 19 obs.

* SEP 10, 1992 03h 55m 56.21±0.93s
 2.542 S ± 16.0km 67.985 E ± 13.1km
 DEPTH = 25.3km (2 depth phases)
 4.7mb (9 obs.) 4.4Msz (1 obs.)
 CARLSBERG RIDGE (421)

KOD 15.82 37 eP 59 40.60 1.3
 GBA 18.58 30 P 00 13.60 0.0
 DMN 34.21 28 P 02 42.90 0.5
 PKI 34.32 28 P 02 42.72 -0.7
 GKN 34.33 27 P 02 41.50 -1.8
 KKN 34.45 28 P 02 44.64 0.3
 GUN 34.83 28 P 02 47.58 -0.2
 CHG 37.12 54 eP 03 06.50 -0.4
 1.5s 30.56nm 4.9mb
 LSA 38.97 33 eP 03 25.10 2.3
 MA10 39.44 349 eP 03 26.00 -0.2
 CD2 47.61 43 eP 04 31.60 -0.7
 WMO 49.43 19 P 04 46.80 0.6
 Z 18s 0.37um 4.4Msz
 sP 05 01.50
 BAO 49.90 278 iPc 04 50.70 0.5
 1.0s 20.00nm 5.1mb
 LZH 50.95 38 eP 04 59.00 1.0
 1.6s 19.00nm 4.8mb
 sP 05 04.50
 GTA 50.97 32 eP 04 57.00 -1.1
 1.0s 9.00nm 4.7mb
 pP 05 04.50 25km
 XAN 52.97 43 P 05 11.50 -1.7
 0.8s 5.50nm 4.5mb
 BJI 61.11 41 eP 06 11.50 0.8
 WB2 66.94 110 iPc 06 49.80 0.5
 0.8s 2.90nm 4.5mb
 CN2 68.98 41 eP 07 01.00 -0.6
 1.0s 7.40nm 4.8mb
 epP 07 09.00 26km

10d 04h

MDJ 72.03 41 eP 07 19.60 -0.5
1.4s 19.00nm 4.9mb
HFS 75.30 335 eP 07 38.60 -0.2
0.5s 0.80nm 4.0mb
S.D. = 1.0 on 21 of 21 obs.

& SEP 10, 1992 04h 29m 40.54s
61.600 N 146.532 W
DEPTH = 28.2km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.0 (AEIC), 3.1 (PMR).

KLU 0.31 110 iPd 29 47.65 -0.5
iS 29 53.37
SCM 0.45 302 iPd 29 49.47 -0.6
eS 29 56.36
VLZ 0.48 168 iPd 29 49.41 -1.1
eS 29 56.36
TOA 0.53 18 P 29 50.70 -0.8
S 29 58.30
VZW 0.54 181 iPc 29 50.46 -1.2
eS 29 58.47
TZL 0.69 49 iPc 29 52.92 -1.1
GLI 0.77 201 ePc 29 53.98 -1.4
eS 30 04.71
FID 0.85 178 iPc 29 55.58 -1.0
SML 0.88 284 ePc 29 55.30 -1.7
eS 30 07.85
KNK 0.94 259 iPc 29 57.02 -0.8
eS 30 09.76
SDG 1.04 26 iPc 29 57.73 -1.5
eS 30 11.32
CVA 1.12 160 ePc 29 59.31 -1.1
GHO 1.15 280 iPc 29 59.64 -1.3
eS 30 16.48
HIN 1.21 179 iPc 30 00.95 -0.7
eS 30 18.29
PLRM 1.24 271 ePc 30 01.38 -0.7
PMR 1.24 271 eP 30 00.88 -1.2
S 30 18.42
SGAM 1.28 149 iPc 30 01.34 -1.2
GLB 1.31 96 iPc 30 01.31 -1.8
eS 30 18.39
KNIM 1.39 206 iPc 30 03.48 -0.7
eS 30 21.86
PTE 1.41 240 iPc 30 04.25 -0.2
PAX 1.46 19 iPc 30 03.82 -1.5
eS 30 22.11
PMS 1.50 258 P 30 05.80 0.0
RAGM 1.52 143 eP 30 05.42 -0.7
PWA 1.60 273 P 30 06.90 -0.3
HMT 1.68 138 eP 30 07.69 -0.8
LTI 1.69 203 eP 30 08.98 0.4
MPA 1.77 232 eP 30 09.21 -0.5
CROM 1.85 116 iPc 30 10.31 -0.7
CUT 1.94 296 ePd 30 12.06 -0.1
eS 30 37.01
KAIM 1.97 147 eP 30 12.22 -0.5
TGL 1.98 114 eP 30 11.75 -1.2
HUR 2.00 315 eP 30 12.87 -0.3
SUA 2.02 268 ePc 30 13.66 0.2
eS 30 40.01
SEW 2.07 225 eP 30 14.37 0.3
BALM 2.10 104 iPc 30 13.22 -1.3
SLKM 2.10 240 eP 30 14.87 0.3
RND 2.11 330 eP 30 13.91 -0.8
WAX 2.13 121 eP 30 13.48 -1.5
SNH 2.30 127 eP 30 17.84 0.5
DOT 2.35 28 eP 30 17.81 -0.3
SKT 2.40 281 eP 30 18.64 -0.2
MCK 2.41 334 eP 30 19.29 0.4
NKA 2.44 251 eP 30 21.82 2.6
DJE 2.47 9 P 30 21.50 1.8
CYK 2.50 126 eP 30 21.51 1.4
TRF 2.55 319 eP 30 21.07 0.1
CTGM 2.59 102 eP 30 20.56 -1.0
YAH 2.64 116 eP 30 21.55 -0.9
CGLM 2.65 266 eP 30 22.00 -0.3
SPU 2.69 263 eP 30 22.39 -0.5
NCG 2.70 268 eP 30 23.14 0.0
WRG 2.70 123 eP 30 23.05 0.0
CRP 2.72 265 eP 30 22.65 -0.8
CKN 2.74 265 eP 30 24.84 1.2
CPKM 2.76 265 eP 30 24.85 0.8
BKG 2.81 262 eP 30 24.08 -0.6
CKL 2.82 264 eP 30 25.40 0.6

HDA 2.82 356 eP 30 24.89 0.2
BGL 2.84 266 eP 30 25.17 0.2
CCB 3.11 350 eP 30 27.54 -1.3
CNPM 3.12 230 eP 30 27.80 -1.2
DFR 3.16 254 eP 30 29.07 -0.5
RSO 3.24 252 eP 30 30.18 -0.6
RS2 3.24 252 eP 30 30.39 -0.4
RS1 3.24 252 eP 30 30.43 -0.4
RDW 3.25 253 eP 30 30.97 0.0
FBA 3.36 351 eP 30 31.88 -0.5
GLM 3.42 354 eP 30 33.32 0.0
MLY 3.93 333 eP 30 38.73 -1.8
PRP 3.96 6 eP 30 40.10 -0.9
SVW 4.40 268 (P) 30 44.34 -2.9
IMA 5.49 328 eP 31 01.07 -1.5
72 obs. associated

% SEP 10, 1992 04h 35m 05.62 ± 0.74s
40.069 N ± 5.8km 23.618 E ± 6.2km
DEPTH = 10.0km (geophysicist)

GREECE (364)
MD 2.3 (THE).

PAIG 0.15 161 ePg 35 08.88 -0.2
eSg 35 11.52
OUR 0.39 46 ePg 35 13.98 0.5
eSg 35 19.28
THE 0.75 319 ePg 35 20.56 0.2
eSg 35 29.84
SOH 0.78 345 ePg 35 19.98 -0.8
eSg 35 30.84
LIT 0.87 272 ePg 35 22.64 0.3
eSg 35 33.56
SRS 1.05 359 ePg 35 25.36 0.0
eSg 35 40.44
KNT 1.22 334 ePb 35 28.36 0.0
eSb 35 45.32
GRG 1.28 314 ePb 35 29.44 0.0
eSb 35 47.80
S.D. = 0.5 on 8 of 8 obs.

* SEP 10, 1992 05h 14m 56.01 ± 1.59s
18.980 S ± 10.3km 168.367 E ± 19.1km
DEPTH = 46.1 ± 13.7 km
4.8mb (5 obs.)

VANUATU ISLANDS (186)

PVC 1.23 358 iPd 15 17.20 0.1
iS 15 33.00
BKM 1.31 355 iPd 15 18.70 0.5
iS 15 30.50
DZM 3.56 210 iPc 15 49.00 -1.3
iS 16 29.00
SVO 12.81 319 eP 17 58.00 0.0
RMO 19.56 244 iPc 19 24.60 1.6
0.4s 17.00nm 4.7mb
CTA 20.87 263 iPc 19 37.00 0.4
CNB 23.40 222 eP 20 03.60 1.9
0.5s 10.00nm 4.6mb
BWA 23.47 225 eP 20 02.00 -0.4
CAN 23.63 223 eP 20 05.70 1.7
WB2 32.05 263 iPd 21 19.00 -1.8
0.5s 3.70nm 4.5mb
ASPA 32.39 256 iPc 21 22.50 -1.3
0.5s 44.50nm 5.6mb
MBL 45.50 259 eP 23 12.50 -0.5
NVL 89.01 188 iPd 27 46.40 -0.5
1.0s 18.00nm 5.4mb
SKO 143.78 316 ePKP 34 25.00 -2.9X
GEC2 143.87 331 ePKP 34 25.10 -2.9X
0.8s 0.56nm
OHR 144.61 316 ePKP 34 26.80 -2.6X
KBA 145.31 330 iPKPd 34 29.00 -1.6
1.5s 23.70nm
CDF 146.88 337 ePKP 34 34.20 1.2
0.9s 7.35nm
FLN 148.95 346 ePKP 34 39.10 2.9X
LDF 149.02 345 ePKP 34 39.30 3.0X
LOR 149.07 339 ePKP 34 40.00 3.6X
0.6s 4.35nm
LBF 149.27 339 ePKP 34 40.70 3.9X
SSF 149.37 339 ePKP 34 40.90 4.0X
0.8s 7.40nm
GRR 149.39 346 ePKP 34 40.60 3.8X
LPL 149.47 334 ePKP 34 41.80 4.4X
LPG 149.47 334 ePKP 34 41.80 4.3X
LPF 149.77 346 ePKP 34 41.60 4.2X

0.7s 11.35nm
BGF 150.02 340 ePKP 34 42.20 4.3X
TCF 150.47 340 ePKP 34 43.50 4.9X
0.9s 5.90nm
LSF 150.72 341 ePKP 34 43.60 4.7X
0.7s 4.65nm
PGF 150.72 328 ePKP 34 43.90 4.7X
0.9s 12.60nm
S.D. = 1.4 on 15 of 31 obs.

& SEP 10, 1992 06h 20m 12.60s
39.702 N 110.632 W
DEPTH = 0.9km
UTAH (478)
<SLC-P>. MD 3.4 (SLC).

EMUT 0.18 308 iPd 20 17.00 0.8
SRU 0.60 172 iPd 20 24.00 -0.5
DAU 0.86 326 iPd 20 29.41 -0.3
MSU 1.69 226 eP 20 43.53 -0.1
eS 21 10.73
DUG 1.75 287 ePn 20 43.54 -0.9
S 21 17.44
PV10 1.81 136 ePc 20 47.50 2.0
S 21 14.50
HVU 2.64 323 eP 20 56.97 -0.2
ARUT 2.91 230 ePn 21 01.71 0.6
BW06 3.18 14 ePn 21 05.19 0.3
PTI 3.43 338 ePn 21 08.89 0.5
HHA1 3.82 340 eP 21 14.58 0.5
GOL 4.06 88 ePn 21 15.75 -1.7
TNP 5.39 255 (P) 21 35.62 -0.7
ALQ 5.80 144 ePn 21 36.59 -5.5
TUC 7.38 181 (P) 22 01.25 -2.9
15 obs. associated

* SEP 10, 1992 06h 58m 41.93 ± 1.00s
12.125 N ± 14.2km 88.319 W ± 12.4km
DEPTH = 10.0km (geophysicist)
4.6mb (10 obs.)

OFF COAST OF CENTRAL AMERICA (76)

TPM 12.39 305 (P) 01 42.50 1.0
PRM 22.52 13 eP 03 44.47 1.2
e 03 52.72
UYO 22.64 347 iPc 03 45.10 0.6
JSC 22.97 15 eP 03 48.71 1.0
OLY 23.45 354 eP 03 51.81 -0.5
GBTN 23.73 8 eP 03 55.92 0.9
FKO 24.46 342 iPd 04 02.60 0.5
FNO 24.46 342 iPc 04 03.10 1.0
RRO 24.95 340 iPc 04 07.70 0.8
ELC 25.07 358 eP 04 07.35 -0.6
CEH 25.09 18 eP 04 08.69 0.5
0.7s 16.89nm 4.8mb
ALQ 28.05 327 eP 04 36.24 0.5
1.1s 4.68nm 4.2mb
TUC 28.80 318 eP 04 41.90 -0.5
0.9s 4.37nm 4.2mb
JFWS 30.72 357 eP 04 56.88 -2.4
LVNJ 30.96 20 eP 05 00.86 -0.5
GOL 31.34 334 eP 05 05.51 0.4
0.8s 6.37nm 4.6mb
PV10 32.01 328 eP 05 11.80 0.8
RSNY 34.41 18 eP 05 30.79 -0.7
1.0s 12.26nm 4.8mb
RSSD 34.63 340 eP 05 33.21 -0.5
0.5s 3.69nm 4.5mb
EEO 35.28 11 eP 05 44.50 5.6X
BW06 35.67 333 eP 05 40.70 -1.9
0.8s 3.33nm 4.3mb
SIV 38.82 135 eP 06 09.00 -0.1
LMN 39.10 26 eP 06 13.50 2.4
LRM 39.35 333 eP 06 13.90 0.5
JAO 42.76 11 ePd 06 39.00 -2.1
YKA 53.70 345 eP 08 03.40 -2.6
0.8s 5.70nm 4.6mb
MBC 66.22 352 eP 09 30.50 -1.2
1.0s 6.00nm 4.7mb
ADK 79.57 321 (P) 10 50.59 0.0
0.9s 20.00nm 5.1mb
WB2 138.35 254 iPKPc 18 17.00 6.7X
0.7s 3.00nm
CHG 148.44 347 ePKP 18 29.00 1.4
GBA 150.80 29 PKP 18 36.30 5.1X
KOD 153.68 33 ePKP 18 38.00 2.1X

S.D. = 1.3 on 28 of 32 obs.
 ? SEP 10, 1992 07h 51m 50.42±1.46s
 16.729 S ±27.6km 176.945 E ±12.9km
 DEPTH = 33.0km (normol)
 4.3mb (5 obs.)
 FIJI ISLANDS REGION (181)
 MD 4.7 (SVA).

VUN	1.93	131	iPc	52	21.50	0.0
SVA	2.00	134	iPc	52	21.90	-0.6
BRS	24.74	240	iPc	57	11.80	1.4
CMS	31.84	237	eP	58	13.60	-1.0
	0.8s	4.00nm			4.4mb	
STK	35.39	238	eP	58	45.90	0.6
	0.8s	3.30nm			4.3mb	
WB2	40.48	259	eP	59	26.10	-1.9
	0.6s	2.40nm			4.1mb	
ASPA	40.86	253	eP	59	31.20	0.0
	1.3s	6.80nm			4.2mb	
SPA	73.38	180	iPd	03	21.80	0.9
	1.0s	6.00nm			4.5mb	
GRF	145.15	344	e(PKP)	11	26.70	0.6
				11	29.80	
GEC2	145.17	341	ePKPd	11	29.30	3.0X
	0.8s	2.39nm				
				11	32.40	
				11	34.40	
				11	39.60	
				11	42.70	
CDF	147.29	347	ePKP	11	34.80	5.0X
	1.0s	10.00nm				
FLN	147.98	357	ePKP	11	36.30	5.6X
	0.8s	6.05nm				
GRR	148.38	357	ePKP	11	37.60	6.2X
LPF	148.74	357	ePKP	11	38.70	6.7X
	0.9s	20.45nm				
LOR	149.01	351	ePKP	11	39.40	6.9X
SSF	149.27	351	ePKP	11	40.20	7.3X
	0.9s	7.35nm				
MFF	150.12	356	ePKP	11	42.10	8.0X

S.D. = 1.2 on 9 of 17 obs.
 & SEP 10, 1992 08h 56m 31.04s
 61.418 N 146.696 W
 DEPTH = 18.3km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 2.5 (AEIC).

VLZ	0.34	148	iPd	56	38.05	-0.2
			eS	56	43.69	
VZW	0.37	169	iPd	56	38.52	-0.3
			eS	56	45.09	
KLU	0.38	78	iPd	56	38.78	-0.3
			eS	56	44.99	
SCM	0.51	324	iPc	56	40.93	-0.4
			eS	56	48.72	
GLI	0.57	200	iPd	56	41.53	-0.7
			eS	56	49.16	
FID	0.68	171	iPd	56	43.39	-0.7
TOA	0.73	20	P	56	44.40	-0.6
KNK	0.85	270	iPc	56	46.03	-0.9
			eS	56	57.83	
TZL	0.87	43	ePd	56	46.56	-0.8
SML	0.87	297	iPc	56	45.99	-1.4
			eS	56	58.42	
CVA	0.99	152	iPc	56	47.81	-1.5
			eS	57	00.85	
HIN	1.03	175	iPd	56	48.72	-1.3
GHO	1.12	289	iPc	56	50.08	-1.6
SGAM	1.17	141	iPc	56	50.38	-2.1
			eS	57	05.98	
PLRM	1.18	280	iPc	56	51.00	-1.5
PMR	1.18	280	iPc	56	50.63	-1.9
KNIM	1.19	206	iPc	56	50.84	-1.8
			eS	57	07.31	
SDG	1.24	26	ePd	56	51.71	-1.8
			eS	57	07.67	
PTE	1.26	245	iPc	56	52.37	-1.3
			eS	57	09.06	
GLB	1.39	88	ePd	56	53.28	-2.3
			eS	57	10.62	
PMS	1.39	264	P	56	54.50	-1.1
RAGM	1.43	135	ePc	56	54.89	-1.2
MTU	1.51	199	eP	56	55.83	-1.4
WPA	1.60	236	iPc	56	57.27	-1.2
HMT	1.61	131	eP	56	56.77	-2.0

PAX	1.66	20	eP	56	58.62	-0.9
KAIM	1.87	142	eP	57	02.06	-0.4
SEW	1.89	227	eP	57	01.77	-0.9
SUA	1.95	273	eP	57	03.12	-0.5
SLKM	1.95	244	eP	57	02.28	-1.3
CUT	1.96	302	eP	57	03.13	-0.6
TGL	1.99	108	eP	57	02.13	-2.2
HUR	2.09	320	eP	57	03.96	-1.7
WAX	2.11	116	eP	57	03.62	-2.5
BALM	2.14	98	ePd	57	03.90	-2.6
SNH	2.26	122	eP	57	07.62	-0.6
SKT	2.37	286	eP	57	09.38	-0.3
CGLM	2.56	270	eP	57	11.24	-1.2
NCG	2.63	272	eP	57	11.77	-1.7
CTGM	2.64	98	eP	57	11.37	-2.2
TRF	2.64	322	eP	57	12.10	-1.5
YAH	2.64	111	eP	57	11.35	-2.4
CPKM	2.67	269	(P)	57	12.20	-2.0
WRG	2.68	119	eP	57	13.30	-0.8
BKG	2.71	265	eP	57	13.02	-1.6
CKL	2.73	268	eP	57	12.23	-2.7
BGL	2.75	269	eP	57	14.03	-1.1
CNPM	2.94	232	eP	57	15.70	-2.1
RSO	3.11	255	eP	57	18.58	-1.7
RS2	3.11	255	eP	57	18.82	-1.5
RS1	3.11	255	eP	57	18.91	-1.4
RDW	3.13	255	eP	57	19.77	-0.8
FBA	3.53	352	eP	57	26.14	0.0

53 obs. associated
 % SEP 10, 1992 09h 47m 09.34±0.83s
 44.330 N ± 6.4km 8.304 E ± 6.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.1 (GEN).

FIN	0.14	210	P	47	12.73	0.1
			S	47	14.98	
PCP	0.27	39	P	47	15.09	0.0
			S	47	19.39	
ROB	0.31	264	P	47	15.70	-0.2
			S	47	20.32	
			S	47	19.80	0.0
			S	47	27.13	
IMI	0.52	216	P	47	21.65	-0.6
			S	47	30.57	
ENR	0.64	261	P	47	21.65	-0.6
			S	47	30.57	
STV	0.71	263	P	47	23.90	0.5
			S	47	32.50	
PZZ	0.88	282	P	47	26.67	0.3
			S	47	38.67	
BHB	0.90	305	P	47	26.57	-0.1
			S	47	38.96	

S.D. = 0.4 on 8 of 8 obs.
 SEP 10, 1992 10h 43m 20.38±0.18s
 22.562 S ± 6.2km 174.974 W ± 4.4km
 DEPTH = 37.7km (7 depth phases)
 5.6mb (65 obs.) 6.0Msz (50 obs.)
 TONGA ISLANDS REGION (174)
 Ms 6.3 (BRK). Mo=2.0*10**18 Nm
 (PPT).

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 275, 54C M.W.: 11S, 12C
 Centroid Location:
 Origin Time 10:43:23.1 0.2
 Lat 22.50S Lon 174.12W 0.02
 Dep 21.7 0.8 Half-duration 2.1
 Moment Tensor: Scale 10**17 Nm
 Mrr= 6.65 0.11 Mtt=-0.86 0.18
 Mff=-5.79 0.18 Mrt= 3.67 0.29
 Mrf= 6.13 0.36 Mtf=-3.94 0.11
 Principal Axes:
 T Vol= 9.56 Plg=68 Azm=303
 N 1.32 1 210
 P -10.89 22 119
 Best Double Couple: Mo=1.0*10**18
 NP1: Strike=207 Dip=23 Slip= 87
 NP2: 31 67 91

RAO	7.17	201	P	45	02.90	-2.5
			eS	46	35.00	
SVA	7.58	304	ePc	45	14.10	2.8X
VUN	7.65	305	ePc	45	16.00	3.8X
RAR	14.18	87	P	46	27.00	-13.7X
			S	50	12.00	
PVC	16.41	284	iP	47	13.50	4.0X

BKM	16.49	284	iPc	47	18.40	7.7X
DZM	17.20	268	iPc	47	23.50	3.9X
TBI	23.50	97	P	48	23.40	-4.4X
	1.4s	395.00nm			5.7mb	
AFR	24.18	83	iP	48	32.20	-2.2
	1.4s	170.00nm			5.4mb	
PAE	24.32	83	iP	48	30.60	-5.2X
	1.4s	135.00nm			5.3mb	
PPT	24.35	83	iP	48	34.00	-2.1
	1.4s	150.00nm			5.3mb	
PPN	24.50	83	iP	48	32.50	-5.0X
	1.4s	75.00nm			5.1mb	
TVO	24.59	84	iP	48	33.70	-4.8X
	1.4s	120.00nm			5.3mb	
HNR	27.36	294	eP	49	06.00	1.9
SVO	27.61	295	P	49	20.00	13.5X
BRS	29.58	254	iPc-	49	25.00	0.8
			iS	53	54.00	
			i(SS)	54	31.00	
ARMA	30.81	248	eP	49	35.00	-0.2
	0.7s	31.00nm			5.2mb	
RMO	33.16	256	eP	49	54.30	-1.3
	1.0s	39.00nm			5.2mb	
CNB	33.52	240	eP	49	58.30	-0.4
	0.9s	17.00nm			5.0mb	
CAN	33.81	240	eP	50	00.90	-0.3
			e	50	12.10	41km
BWA	34.10	242	eP	50	00.60	-3.1X
			e	50	10.60	35km
CMS	35.88	247	iPd	50	17.90	-0.9
	1.0s	47.00nm			5.4mb	
CTA	36.14	266	iPc	50	20.00	-1.2
	1.2s	46.88nm			5.3mb	
			iP	50	37.00	68kmX
			iS	50	45.00	
			eS	55	48.00	
RAB	36.67	295	eP	50	24.00	-1.7
			iS	56	08.00	
TOO	37.05	237	eP	50	29.00	0.3
	0.9s	57.00nm			5.5mb	
OLP	37.20	255	eP	50	29.00	-1.0
	0.3s	27.00nm			5.6mb	
PMG	38.56	284	eP	50	40.00	-1.5
BFD	39.28	238	eP	50	47.30	-0.1
	0.8s	16.00nm			4.9mb	
STK	39.51	247	eP	50	49.40	0.1
	0.6s	6.90nm			4.6mb	
OIS	42.17	264	iPc	51	08.20	-3.1X
HON	46.65	22	P	52	00.00	12.9X
			Z 18s	3.44um	5.3Msz	
ASPA	46.83	258	iPc	51	47.10	-1.6
	0.9s	68.80nm			5.6mb	
			Z 20s	14.70um	5.9Msz	
			ePP	53	38.00	
			ePcS	57	15.50	
			iS	58	35.10	
			eScS	01	47.40	
WB2	47.12	263	iPd	51	49.20	-1.8
	0.6s	43.10nm			5.6mb	
			eS	58	40.60	
WRA	47.13	263	P	51	49.29	-1.8
	0.8s	13.30nm			5.0mb	
FORT	51.10	248	eP	52	21.00	-0.6
MTN	52.01	271	eP	52	27.00	-1.7
DRV	52.40	201	eP	52	32.00	1.2
			S	00	10.00	
WARB	52.93	254	eP	52	33.20	-2.2
	0.4s	11.00nm			5.2mb	
KNA	53.32	267	eP	52	37.00	-1.4
KLB	59.75	246	eP	53	24.00	-0.1
RKG	59.93	242	eP	53	26.00	0.7
MBL	60.07	258	eP	53	25.00	-1.4
	0.6s	27.00nm			5.6mb	
BAL	60.81	247	eP	53	30.50	-0.8
MUN	60.99	245	eP	53	31.00	-1.5
			Z 20s	8.40um	5.9Msz	
MRWA	61.68	248	eP	53	35.70	-1.5

10d 10h

OCP	72.71	294	eP	54	30.00	-16.9X	N	18s	2.41um			Z	19s	13.33um	6.4Msz					
KKM	73.00	284	ePd	54	48.90	0.1	E	16s	0.78um			SNG	87.59	279	iPc	56	09.00	2.6		
OFUJ	73.52	326	eP	54	49.70	-1.5	SHW	83.43	34	eP	55	46.28	0.9	1.5s	333.33nm	6.4mb				
MAT	73.54	322	iPc	54	50.40	-1.0	VGB	83.74	35	eP	55	46.88	0.1		eS	06	44.00			
	1.3s	78.85nm			5.5mb				eP	55	58.84	39km	LRM	88.54	38	ePc	56	11.30	0.7	
Z	20s	2.48um			5.5Msz		MDJ	83.83	324	iPc	55	48.00	0.8	BW06	88.57	42	eP	56	09.00	-1.8
		eS	04	26.00				2.0s	630.00nm			6.4mb		1.6s	22.81nm			5.2mb		
NIIJ	73.60	323	P	54	51.80	0.2	Z	20s	5.54um			5.9Msz	BJI	89.34	314	ePc	56	15.00	0.8	
CVP	73.62	298	eP	54	52.00	-0.2	N	20s	2.10um						eSKS	06	42.00			
YAMJ	73.71	325	eP	54	51.10	-1.2	E	20s	3.58um				GOL	89.66	46	eP	56	16.48	0.4	
MTMJ	73.80	322	P	54	53.10	0.1			S	06	10.00			1.4s	24.85nm			5.3mb		
BCP	73.98	296	eP	54	52.00	-2.2	LON	84.02	34	eP	55	48.17	0.0	Z	19s	4.63um			5.9Msz	
BAG	74.00	296	eP+	54	52.80	-1.8	GMW	84.07	33	eP	55	47.27	-1.1	FBA	89.67	11	eP	56	13.49	-1.8
ADK	74.14	359	eP	54	52.26	-2.1	QIZ	84.26	293	Pc	55	51.00	1.1		1.3s	54.54nm			5.7mb	
	1.3s	114.39nm			5.7mb		E	17s	2.50um				GLD	89.79	46	eP	56	18.50	1.9	
KUSJ	75.13	331	eP	54	59.90	-0.5			PP	59	03.00			1.8s	61.54nm			5.6mb		
HOJ	75.24	329	eP	55	02.80	1.8	PGC	84.50	31	eP	55	52.00	1.6	Z	20s	4.70um			5.9Msz	
SMY	75.57	353	eP	55	01.52	-1.1	RMW	84.50	33	eP	55	49.96	-0.7	IMA	89.83	9	(P)	56	13.74	-2.4
	1.3s	180.27nm			5.9mb				epP	56	02.59	42km		1.5s	38.82nm			5.5mb		
Z	19s	10.94um			6.2Msz		MSU	84.55	45	eP	55	50.66	-0.6	GYA	90.11	299	iPc	56	19.80	1.5
		e	55	12.45	36km		MCW	84.82	32	eP	55	50.79	-1.3		1.2s	54.00nm			5.7mb	
MRRJ	76.33	328	eP	55	07.90	0.7	SVW	84.83	9	eP	55	49.40	-2.5	Z	38s	3.67um			5.5MszX	
SAP	76.68	329	eP	55	09.00	-0.1			1.2s	28.84nm		5.3mb	E	20s	1.51um					
ASAJ	76.87	330	eP	55	11.10	0.9				S	06	16.00			2.03um					
PRS	77.42	42	eP	55	13.94	0.5	TPM	84.86	67	(P)	55	49.00	-4.1X			PP	59	50.00		
GCC	77.49	41	eP	55	14.12	0.4	DUG	85.10	43	(P)	55	54.12	0.3	NNT	90.49	283	eP	56	23.00	3.0X
BCH	77.49	43	eP	55	15.02	1.1			1.0s	6.47nm		4.8mb	LOE	90.60	289	eP	56	21.60	1.1	
SAO	77.65	41	eP	55	14.32	-0.4	DL2	85.16	316	iPc	55	54.50	0.5	TIY	90.75	311	Pd	56	21.80	0.9
PRI	77.73	42	eP	55	16.37	1.1			1.0s	66.00nm		5.8mb		2.0s	280.00nm			6.3mb		
ABL	77.83	44	eP	55	16.36	0.4	Z	20s	1.28um			5.3Msz		Z	26s	11.90um			6.2MszX	
BKS	77.90	40	eP	55	15.00	-1.0	N	14s	0.91um				E	20s	2.49um					
		eS	05	07.00					S	06	16.00				SKS	06	55.00			
Z	20s	11.00um			6.2Msz		SLKM	85.19	12	(P)	55	53.17	-0.5	NST	91.33	286	eP	56	27.50	3.7X
		eSS	10	10.00			CPKM	85.52	11	eP	55	54.83	-0.8	XAN	91.62	306	Pc	56	26.10	1.1
		eLQ	15	17.00			CRP	85.54	11	eP	55	53.63	-2.0		0.8s	47.00nm			6.0mb	
		eLR	20	16.00			SNY	85.60	319	iPc	55	57.00	0.9	Z	24s	2.70um			5.6MszX	
ARN	77.98	41	eP	55	16.99	0.5			Z	20s	2.61um			N	20s	1.87um				
		epP	55	28.50	38km				E	17s	1.41um			E	20s	1.85um				
PLM	78.47	46	eP	55	17.94	-1.5				SKS	06	20.00				pP	56	37.00	34km	
PEC	78.59	46	eP	55	19.91	0.0	CN2	85.65	321	Pc	55	57.00	0.7	SES	91.90	35	eP	56	24.00	-1.9
	1.6s	28.25nm			5.0mb			1.2s	140.00nm			6.0mb		1.6s	167.00nm			6.2mb		
FOX	78.65	37	eP	55	21.31	1.2				eS	06	24.00		KHT	92.36	285	eP	56	31.00	2.4
ISA	78.81	44	eP	55	20.27	-0.9	WHN	85.93	305	iPc	55	59.00	1.0	RSSD	92.71	43	eP	56	30.96	1.0
	1.7s	93.20nm			5.5mb			2.0s	370.00nm			6.3mb		1.0s	22.70nm			5.6mb		
Z	19s	5.92um			5.9Msz			Z	22s	4.55um		5.8Msz		Z	20s	4.17um			5.9Msz	
FRI	78.86	42	eP	55	21.21	-0.1			N	20s	2.78um			KMI	92.79	296	Pc	56	33.00	2.2
CMB	79.11	41	eP	55	19.00	-3.7X	E	20s	4.56um					1.9s	140.00nm			6.1mb		
		eS	05	24.00					S	06	24.00		Z	20s	2.60um			5.7Msz		
		eScS	05	56.00			SRU	85.96	45	eP	55	57.54	-0.7			SKS	07	07.00		
		eLQ	15	35.00			HVU	86.03	42	eP	55	59.48	1.0	HHC	92.81	313	Pc	56	32.00	1.6
		eLR	20	26.00			EMUT	86.16	44	eP	56	00.04	0.8		2.0s	170.00nm			6.1mb	
ORV	79.43	39	eP	55	24.55	0.2	DAU	86.21	43	eP	55	59.24	-0.4	Z	28s	3.41um			5.7MszX	
LTCM	79.50	38	(P)	55	25.52	0.8	IPM	86.21	277	ePd	56	01.10	1.3	N	16s	0.92um				
GLA	79.67	48	eP	55	25.18	-0.7			1.2s	113.10nm		6.0mb		E	15s	0.87um				
QZH	79.89	302	Pc	55	26.00	-1.1	PMR	86.40	12	eP	55	58.55	-1.1			pP	56	40.00	25kmX	
		eP	55	26.00				2.1s	317.82nm			6.2mb				PP	00	17.50		
Z	20s	3.11um			5.6Msz			Z	20s	3.36um		5.7Msz				SKS	07	07.00		
E	20s	3.87um					TTA	86.52	9	eP	55	59.40	-0.9	BDT	92.93	287	ePd	56	33.00	1.8
		S	05	32.00				1.1s	49.29nm			5.7mb			1.0s	62.10nm			6.0mb	
BONR	80.34	42	eP	55	28.76	-0.9	ALQ	86.52	50	eP	56	00.59	-0.5	CHG	93.58	289	iPc	56	36.00	1.8
LBFM	80.39	38	eP	55	30.54	0.8			1.3s	43.36nm		5.5mb			1.5s	127.78nm			6.1mb	
MAW	80.57	199	iPc	55	31.20	1.2			Z	19s	8.93um		6.2Msz	BTD	93.74	313	iPd	56	36.00	1.4
	1.0s	42.00nm			5.4mb		PV10	86.54	46	eP	56	00.80	-0.4		N	15s	0.88um			
Z	19s	10.00um			6.2Msz		DPW	86.62	34	eP	55	59.86	-1.2		E	19s	1.21um			
		ePP	57	33.00			TIA	86.74	311	Pc	56	02.70	0.8			sS	07	52.00		
TPNV	81.02	44	P	55	40.00	6.9X			Z	34s	4.23um		5.6MszX	CD2	94.27	302	Pc	56	37.50	0.3
		eP	55	40.00					N	19s	2.08um				Z	20s	3.28um			5.8Msz
COLM	81.04	65	(P)	55	32.00	-1.4			E	19s	2.04um					2.54um				
TNP	81.09	43	eP	55	33.68	0.2				S	06	27.00		TUL	94.70	53	eP	56	39.20	0.2
	1.3s	37.73nm			5.2mb		NVL	86.80	182	eP	56	01.00	-0.6		1.2s	14.10nm			5.3mb	
SSE	81.17	309	Pc	55	34.00	0.3			Z	18s	6.50um		6.1Msz		Z	18s	9.14um			6.3Msz
		eP	55	34.00					N	18s	3.50um					e	00	51.00		
		SKS	05	48.00					E	16s	2.00um					e	08	08.00		
TUC	82.07	50	eP	55	37.20	-1.4				ePcP	56	11.00	115kmX			e	09	06.00		
	1.8s	75.86nm			5.4mb					e	56	31.00				e	11	13.00		
HKC	82.14	298	iP	55	40.80	1.9				eS	59	10.00		UYO	94.99	55	iPc	56	39.90	-0.5
		eS	06	05.00						(SS)	16	30.00			2.0s	86.00nm			-0.6	
KDC	82.18	12	(P)	55	34.57	-3.8X				(SSS)	20	10.00				1.60um			5.5Msz	
	1.6s	139.78nm			5.8mb		KLU	86.96	13	eP	56	01.02	-1.5	Z	18s	1.00um				
KGM	83.11	275	ePd	55	46.00	0.8	HHA I	87.13	40	eP	56	04.84	1.0		E	18s	1.10um			
BMW	83.12	33	eP	55	43.66	1.0	SNA	87.23	178	e(P)	56	05.10	1.4			ePP	00	26.00		
		PP	58	56.35					1.2s	93.75nm		5.9mb				eSKS	07	14.00		
GZH	83.18	298	P	55	45.70	1.4	BALM	87.38	15	eP	56	04.28	-0.3			eSKS	07	34.00		

			eSS	14	28.00		ELO	145.53	9	ePKP	02	56.30	0.5		SS	26	39.00				
			eSSS	18	15.00			0.9s	98	00nm					KHC	152.63	348	PKP	03	06.50	-0.5
LZH	96.25	306	Pc	56	47.50	1.1	EDU	145.54	8	ePKP	02	54.70	-1.1			1.2s	21.00nm				
	2.5s	160	00nm			6.1mb	EAB	145.71	9	ePKP	02	54.80	-1.3			Z	20s	3.50um			6.2Msz
	Z	44s	3.91um			5.5MszX		1.2s	79	00nm					N	20s	1.30um				
	N	20s	1.82um				LWI	146.15	226	iPKP+	03	00.00	1.6			E	20s	2.60um			
			pP	56	53.00	17kmX	EAU	146.17	9	ePKP	02	57.80	0.9				e	03	17.50		
YKA	97.22	24	eP	56	50.40	0.5	EBL	146.29	8	ePKP	02	57.20	0.1				e	03	37.20		
	0.8s	3.00nm				4.9mb	EKA	146.71	9	PKP	03	02.00	4.3X		SRO	152.65	340	ePKP	03	07.20	0.2
CNCB	98.58	112	P	57	01.00	3.2X		1.7s	124	90nm				ZST	152.66	342	ePKP	03	08.00	1.0	
LPB	98.60	112	P	57	04.00	6.3X		147.43	13	ePKP	03	03.00	4.1X		VKA	152.81	343	iPKPc	03	06.60	-0.7
			LR	29	18.00		WAR	147.91	341	PKP	03	02.00	2.3X			3.5s	914.00nm				
ZOBO	98.68	112	P	57	00.60	2.3		Z	20s	1.20um			5.7Msz				i	03	26.00		
			SKS	07	28.00		KVT	148.06	313	iPKP	03	05.40	5.0X		GEC2	152.88	347	ePKPc	03	10.90	3.4X
			LR	29	28.00		DLF	148.07	13	iPKPc	03	05.00	5.1X			1.4s	5.19nm				
FVM	99.46	53	P	57	10.00	9.4X	BRNL	149.50	350	ePKP	03	04.00	1.8				e	03	15.30		
	Z	18s	10.61um			6.4Msz	BRN	149.54	350	ePKP	03	04.00	1.8				e	03	18.40		
SLM	99.83	52	P	57	10.00	7.7X	WIT	149.77	358	ePKP	03	07.00	4.4X				ec	03	24.30		
	Z	18s	5.11um			6.1Msz	CLI	150.05	328	ePKPc	03	08.50	5.2X				e	03	29.10		
GTA	100.45	308	ePdiff	57	06.00	0.7	OJC	150.06	341	ePKP	03	06.70	3.5X				e	03	34.70		
	2.0s	53.00nm				5.7mb				e	03	08.60					e	03	37.60		
	Z	18s	2.86um			5.8Msz	PTT	150.20	330	ePKP	03	08.00	4.5X				e	03	39.80		
	E	16s	1.41um				KSP	150.43	345	ePKP	03	02.00	-1.7				e	03	42.90		
			pP	57	11.00			1.5s	139	00nm					WLF	152.94	358	PKP	03	10.00	2.7X
			sP	57	13.00					id	03	09.80						e	03	17.00	
			PP	01	10.00					e	04	58.00			BZS	153.32	333	ePKP	03	01.00	-7.0X
			SKS	07	44.00		DBN	150.51	360	ePKP	03	09.00	5.3X		FLN	153.49	8	ePKP	03	17.60	9.4X
			S	08	39.00		CFR	150.56	326	ePKPd	03	04.50	0.5			1.0s	42.80nm				
			sS	08	48.00		WTS	150.59	358	ePKP	03	09.50	5.7X			Z	20s	0.04um			4.2MszX
JFWS	101.33	48	Pdiff	57	20.00	11.0X		1.0s	90	00nm					KMR	153.54	346	iPKP+	03	05.90	-2.4X
	Z	18s	4.16um			6.0Msz				e	05	12.00			UZD	153.63	339	e(PKP)	03	08.00	-0.5
IRK	102.08	322	ePdiff	57	06.00	-6.1X	CLL	150.64	350	ePKP	03	04.00	0.0		LDF	153.70	8	ePKP	03	18.00	9.5X
	4.0s	0.25nm				3.2mb X		2.7s	105	00nm				GRR	153.80	9	ePKP	03	18.40	9.8X	
	Z	20s	2.49um			5.7Msz	CLL	150.64	350	iPKP	03	09.60	5.6X			0.6s	17.60nm				
	E	20s	1.41um					1.3s	110	00nm				LPF	154.13	9	ePKP	03	19.10	10.0X	
			e	07	38.00			Z	17s	2.00um			6.0MszX			0.7s	26.55nm				
			eS	07	52.00		RAC	150.65	343	ePKP	03	06.00	2.0		CDF	154.14	357	PKP	03	19.30	10.1X
			ePS	08	34.00		VRI	150.81	328	ePKPd	03	10.00	5.6X		HAU	154.59	358	ePKP	03	20.30	10.6X
			e	10	28.00		SPC	150.82	339	ePKP	03	03.80	-0.8			Z	20s	3.33um			6.2Msz
			e	11	16.00		BHL	150.85	300	PKP	03	04.00	-1.0		KBA	154.64	347	iPKPc	03	22.80	12.8X
			e	22	46.00					PP	07	00.00				0.8s	13.60nm				
			LR	33	07.00					SKS	13	40.00						i	03	33.40	
CEH	107.43	58	PKP	02	00.00	15.1X	BBTK	150.85	313	iPKPd	03	11.50	6.6X					i	03	48.20	
	Z	18s	3.26um			5.9Msz	BRG	150.90	348	ePKP	03	04.20	-0.2					i	03	58.10	
MCWV	107.83	54	PKP	02	00.00	14.4X		2.4s	250	00nm					BSF	154.75	357	ePKP	03	21.30	11.2X
	Z	20s	8.24um			6.3Msz				i	03	10.60			ZAG	155.14	342	ePKP	03	09.80	-0.7
WMO	110.40	310	Pdiff	57	45.60	-3.8X				i	03	26.40			FVI	155.22	347	PKP	03	12.00	1.5
	Z	22s	3.00um			5.8Msz	HRI	150.94	298	ePKP	03	10.60	5.4X		LJU	155.33	344	ePKP	03	10.50	-0.3
	N	18s	1.32um				WAJH	151.09	284	ePKP	03	13.00	7.6X		LOR	155.33	2	ePKP	03	21.90	11.2X
RSNY	112.74	50	PKP	02	10.00	15.3X	AYN	151.45	289	ePKP	03	13.20	7.3X			Z	20s	5.72um			6.4Msz
	Z	19s	6.49um			6.2Msz	MLR	151.46	328	ePKPd	03	05.50	-0.1		HLW	155.33	293	ePKP+	03	12.00	0.8
HRV	114.54	52	PKP	02	10.00	11.8X	MOX	151.50	351	ePKP	03	06.60	1.3					e	03	38.00	
	Z	18s	8.27um			6.4Msz		1.6s	160	00nm				VOY	155.50	345	ePKP	03	10.20	-0.9	
KSH	118.36	304	PKP	02	07.50	1.7		Z	21s	2.80um			6.0Msz		SSF	155.53	3	ePKP	03	22.40	11.4X
	Z	20s	1.87um			5.7Msz		N	20s	2.30um				LBF	155.62	2	ePKP	03	22.60	11.4X	
	E	16s	1.96um					E	22s	0.90um				VBY	155.64	342	ePKP	03	10.50	-0.7	
			PP	03	20.00					e	03	11.50						ePKPob	03	45.00	
ITR	127.27	121	ePKP	02	22.20	-1.3	JVI	151.55	296	ePKP	03	11.90	5.8X		AVF	155.79	3	ePKP	03	22.60	11.2X
KEV	131.00	350	ePKP	02	33.00	4.1X	PRU	151.62	347	ePKP	03	11.50	6.0X		TRI	155.84	345	e(PKP)	03	13.40	1.9X
MAIO	131.21	299	ePKP	02	31.00	0.5		2.7s	236	30nm								e(PKKP)	03	40.00	
			e	04	34.00			Z	22s	1.80um			5.8Msz					e(SKSP)	07	12.00	
NUR	139.67	345	ePKP	02	45.00	-0.4		N	22s	2.00um								e(SKSP17	16.00		
OBN	139.89	332	(PKP)	02	40.00	-6.0X		E	22s	1.10um								e(SFP)	20	40.00	
	1.0s	24.00nm								e	03	21.00						e(SSP)	27	44.00	
	Z	19s	3.00um			6.1Msz				e	04	30.20						eLR	56	40.00	
	N	19s	2.30um							eSKP	06	34.00			LSF	156.20	6	ePKP	03	23.30	11.3X
	E	19s	1.10um				VRAC	151.78	344	ePKP	03	23.30	17.6X		TCF	156.22	5	ePKP	03	23.50	11.5X
			ePP	05	39.00		UCC	151.81	1	PKP+	03	05.00	-0.7		SKO	156.26	328	iPKP	03	10.00	-2.2X
			e	05	52.00					e+	03	23.00				Z	21s	3.28um			6.1Msz
			ePKS	06	24.00		ENN	151.84	359	ePKP	03	14.00	8.2X					i	03	22.00	
			eSKKS	12	40.00			0.9s	41	00nm								i	03	40.00	
			ePS	16	00.00					e	07	12.00			MAF	156.31	4	ePKP	03	24.20	12.1X
			eP*P*	20	44.00		PSZ	152.04	338	ePKPc	03	22.30	16.0X		ORO	156.87	355	PKP	03	23.00	10.0X
			iSS	24	00.00		SNF	152.10	1	PKP	03	14.80	8.6X		BNi	157.53	357	PKP	03	27.00	13.1X
			eRSKS	25	44.00		BUC	152.16	327	ePKPd	03	08.00	1.6		ERUA	157.77	24	ePKP	03	15.00	0.9
			eSSS	29	30.00		HOL	152.23	290	ePKP	03	14.67	7.6X		PGD	158.03	347	PKP	03	14.00	-0.5
NAI	141.00	237	ePKP	02	40.00	-9.6X	COZ	152.35	330	ePKP	03	06.00	-1.0		ARV	158.11	344	PKP	03	15.40	1.0
NB2	141.31	355	PKP	02	45.40	-3.1X	BADA	152.35	289	ePKP	03	15.00	7.8X		ASS	158.58	345	PKP	03	14.50	-0.5
	0.7s	1.90nm					CSS	152.38	303	ePKP	03	17.20	10.1X		AQU	159.06	342	PKP	03	17.00	1.4
HFS	141.96	353	ePKP	02	43.80	-5.8X	RMN	152.42	293	ePKP	03	13.60	6.2X		MNS	159.22	344	PKP	03	15.70	0.0
	1.1s	19.20nm					GRF	152.49	351	iPKPc	03	06.20	-0.6								
	Z	19s	1.																		

9 km

			eSS	11	48.00		BJI	55.65	62	eP	04	12.50	-0.5	GBA	72.10	107	P	06	00.30	-0.8
			eSSS	12	34.00			1.8s	96.00nm			5.5mb		CHG	72.16	84	ePc	06	01.10	-0.4
			LR	21	44.00		Z	18s	2.95um			5.4Msz			1.8s	131.82nm			5.7mb	
LMN	41.87	267	ePc	02	28.50	2.0	N	12s	1.55um					BDT	73.69	85	eP	06	10.00	-0.3
TAB	41.98	133	eP	02	26.00	-1.7			PP	06	20.00			QIZ	74.50	74	eP	06	15.00	-0.1
SVW	42.44	348	eP	02	34.54	3.4X	ELC	55.75	287	eP	04	11.58	-2.2	IISM	75.20	289	(P)	06	28.00	8.9X
	1.0s	41.00nm			5.1mb		GBTN	56.13	281	eP	04	15.36	-1.2	NST	75.47	84	eP	06	21.00	1.2
SLKM	42.73	344	eP	02	34.84	1.4	HVU	56.35	309	eP	04	17.79	-0.5	NNT	78.34	85	eP	06	33.00	-3.7X
BHL	44.40	146	P	02	47.00	-0.3	LZH	56.72	74	Pc	04	21.00	0.0	SDV	78.65	261	eP	06	38.90	0.3
EEO	44.51	281	eP	02	50.50	2.5	Z	35s	1.34um			4.8MszX	BAG	79.42	64	eP	06	44.90	2.1	
BNH	44.59	273	eP	02	47.64	-1.1			PP	06	28.00		IPM	86.38	86	ePd	07	19.10	0.8	
		e	02	58.08	36km		JSC	56.77	278	eP	04	19.70	-1.4	ASPA	121.12	60	ePKP	13	32.70	4.1X
ULM	44.88	298	ePc	02	54.60	3.7X	TIY	57.08	66	Pc	04	24.00	0.5		1.1s	4.80nm				
HRI	45.04	146	eP	02	52.60	0.1		1.6s	92.00nm			5.6mb	SNA	146.52	186	e(PKP)	14	16.70	2.5X	
WMO	45.57	87	iPc	02	57.70	1.1	Z	16s	10.30um			6.0MszX		1.0s	50.00nm					
	1.2s	72.00nm			5.5mb		N	13s	1.42um				NVL	146.87	177	ePKP	14	18.00	3.2X	
Z	16s	2.07um			5.2MszX		DAU	57.39	308	eP	04	25.84	-0.1		1.2s	31.00nm				
N	12s	1.77um					ND1	57.52	103	eP	04	26.50	0.0	Z	24s	1.40um			5.7MszX	
		sP	03	07.30			SGS	57.63	277	eP	04	26.22	-1.0	E	22s	1.00um				
		PP	04	45.50			PWLA	57.69	285	eP	04	25.09	-2.5	MAW	147.65	144	ePKP	14	17.00	0.9
		sS	09	51.50			HBF	57.85	277	(P)	04	27.54	-1.2		1.1s	17.00nm				
		ScS	12	52.50			DL2	57.87	57	P	04	28.00	-0.8		S.D. = 1.1 on 172 of 193 obs.					
KDC	45.62	345	ePc	02	58.79	2.1	Z	15s	2.22um			5.4MszX		SEP 10, 1992 15h 03m 17.75±0.21s						
	1.1s	30.29nm			5.1mb		E	10s	0.68um					10.210 N ± 4.4km 86.494 W ± 3.1km						
MAIO	46.24	118	iPc	03	03.00	1.0	DUG	57.89	309	eP	04	29.10	-0.1		DEPTH = 26.5km (9 depth phases)					
		i	04	50.00	598kmX			1.1s	13.16nm			4.9mb		5.3mb (59 obs.) 5.5Msz (31 obs.)						
DSI	46.67	147	eP	03	04.90	-0.3	OLY	57.96	288	eP	04	27.91	-1.6		OFF COAST OF COSTA RICA (77)					
KSH	46.92	100	Pd	03	09.00	1.7	LBFM	58.36	317	ePc	04	32.94	0.4		Ms 5.2 (BRK). MD 5.1 (SJR).					
	1.0s	70.00nm			5.6mb		SRU	58.51	306	eP	04	32.44	-1.2		Mo=2.0*10**18 Nm					
Z	12s	3.17um			5.5MszX		MSU	59.40	308	ePd	04	40.18	0.3		(PPT). Felt at Coco, Guanacaste,					
E	10s	2.78um							ePP	06	50.59			in the Central Valley and in						
SES	47.72	311	ePd	03	13.50	0.1	TIA	59.54	62	Pd	04	41.10	0.6		tall buildings in San Jose. Also					
	1.0s	180.00nm			6.1mb		Z	18s	3.27um			5.5Msz		felt at Managua and along the						
HLW	47.87	152	eP+	03	15.00	0.3	N	14s	1.96um					southwestern coast of Nicaragua.						
		e	05	05.00	614kmX				S	12	53.00			CENTROID, MOMENT TENSOR (HRV)						
MBH	48.38	148	eP	03	18.10	-0.6	XAN	59.83	70	Pc	04	42.00	-0.6		Data Used: GDSN					
JFWS	50.61	290	eP	03	35.06	-0.5		1.2s	15.00nm			5.0mb		L.P.B.: 26S, 59C						
	1.0s	45.79nm			5.4mb		Z	16s	1.53um			5.2MszX		Centroid Location:						
NEW	50.84	315	eP	03	37.00	-0.4	N	12s	1.29um					Origin Time 15:03:22.2 0.5						
	1.0s	38.50nm			5.3mb		E	10s	1.48um					Lat 9.89N 0.04 Lon 86.91W 0.04						
DPW	51.40	316	eP	03	41.72	0.0	LSA	59.84	89	iPc	04	44.30	1.0		Dep 15.0 BDY Half-duration 2.0					
ADK	52.07	3	(P)	03	52.45	5.9X	GKN	59.92	95	P	04	42.66	-0.8		Moment Tensor; Scale 10**17 Nm					
	1.1s	33.59nm			5.2mb			1.1s	128.00nm			5.9mb		Mrr=-6.40 0.23 Mtt= 3.77 0.18						
LRM	52.38	310	eP	03	49.20	-0.2	UYO	59.92	290	iPd	04	41.70	-1.5		Mff= 2.63 0.33 Mrt= 5.81 0.64					
RMW	52.39	319	(P)	03	49.89	0.7	KKN	60.28	95	P	04	45.68	-0.2		Mrf=-1.43 0.50 Mtf=-2.09 0.18					
RSSD	52.40	302	eP	03	49.16	-0.3		1.1s	366.00nm			6.4mb X		Principal Axes:						
	1.2s	47.49nm			5.3mb		GUN	60.30	94	P	04	45.88	-0.4		T Val= 7.65 Plg=22 Azm= 29					
GTA	52.61	77	iPd	03	51.00	0.0		1.1s	200.00nm			6.2mb		N 1.40 9 295						
	2.0s	210.00nm			5.7mb		ARUT	60.34	309	eP	04	46.54	0.3		P -9.05 66 186					
Z	16s	2.00um			5.3MszX		DMN	60.41	95	P	04	46.58	-0.3		Best Double Couple:Mo=8.4*10**17					
E	12s	0.92um					PKI	60.52	95	P	04	47.12	-0.6		NP1:Strike=135 Dip=24 Slip=-68					
		pP	03	57.00	20km		TNP	60.74	312	eP	04	48.81	-0.2		NP2: 292 68 -99					
		sP	04	00.00				1.0s	16.15nm			5.1mb		JCR	1.41	105	ePc	03	40.64	-1.2
		PP	05	52.00			BONR	61.06	313	eP	04	51.18	-0.1		FORC 1.81 82 eP 03 51.00 3.2X					
LON	53.08	318	eP	03	54.15	-0.1	CD2	61.66	76	eP	04	54.00	-1.1		SJS 2.42 96 ePd 03 58.03 1.5					
BMW	53.57	320	(P)	03	58.98	1.1	Z	28s	1.67um			5.0MszX		OCR 2.42 109 ePc 03 55.76 -0.7						
SHW	53.69	319	eP	04	01.34	2.5	N	20s	1.78um					LCR2 2.50 101 ePc 03 57.29 -0.4						
BTO	53.79	67	P	04	00.50	0.9			PP	07	11.80			ICR 2.63 95 ePc 04 00.92 1.1						
	N 13s	1.11um					TPNV	61.67	311	eP	04	54.56	-0.7		URSC 2.70 98 eP 04 00.91 0.4					
	E 16s	1.06um						1.0s	30.11nm			5.4mb		BUS 2.77 103 iPd 03 58.09 -3.7X						
MDJ	53.86	49	eP	04	00.00	0.1	ALO	61.74	302	ePc	04	55.90	0.1		ACR 3.63 115 iP 04 12.87 -0.7					
	2.0s	68.00nm			5.3mb			1.4s	16.81nm			5.0mb		TPX 7.31 310 (P) 05 05.00 -0.6						
Z	20s	1.23um			5.0Msz		ARN	62.20	316	eP	04	58.38	-0.3		IS 06 43.00					
N	11s	0.53um					ISA	63.32	313	eP	05	06.47	0.4		SCX 8.82 318 (P) 05 26.50 0.0					
E	11s	0.60um						1.2s	42.22nm			5.4mb		PBJ 10.65 306 (P) 05 47.50 -4.3X						
CN2	53.89	52	Pd	04	00.60	0.5	NJ2	63.91	62	Pd	05	09.80	-0.1		OXX 12.06 306 (P) 06 11.00 -0.1					
	1.0s	24.00nm			5.2mb		WHN	64.40	66	eP	05	12.70	-0.4		(S) 08 30.45					
Z	15s	2.93um			5.5MszX		TUC	65.15	305	ePd	05	18.03	0.0		BOG 13.51 113 iP 06 37.00 6.4X					
N	12s	0.84um						1.3s	33.72nm			5.3mb		IS 09 38.00						
E	12s	0.76um					PLM	65.28	311	eP	05	19.75	0.7		BMG 13.63 102 eP 06 34.00 2.1					
		S	11	38.00			SSE	65.32	60	P	05	17.50	-1.5		IIT 14.39 309 (P) 06 43.00 0.9					
HHC	53.89	66	Pc	04	01.00	0.7		1.0s	13.00nm			5.0mb		ACX 14.58 298 (P) 06 47.61 3.3X						
	2.0s	120.00nm			5.6mb		GYA	66.61	75	iPd	05	27.00	-0.5		(S) 08 25.90					
Z	18s	2.42um			5.3Msz			1.0s	35.00nm			5.4mb		PPM 14.67 308 (P) 06 47.62 1.7						
N	10s	2.03um					Z	18s	1.19um			5.1Msz		IIA 14.74 308 (P) 06 48.23 1.9						
E	10s	2.03um							S	14	20.00			III 14.96 304 (P) 06 51.50 2.0						
BW06	54.78	307	iPd	04	06.00	-1.1	KMI	66.98	79	eP	05	29.00	-1.0		TPM 14.96 307 (P) 06 47.00 -2.4					
	1.2s	43.38nm			5.4mb			1.9s	70.00nm			5.5mb		UNM 15.25 308 (P) 06 54.00 0.7						
HHA I	54.81	309	eP	04	07.51	0.4	Z	22s	1.30um			5.1Msz		TOV 16.45 90 eP 07 14.20 5.6X						
PTI	55.22	309	eP	04	10.53	0.4	HYB	68.68	104	eP	05	38.50	-1.9		MRX 17.04 305 (P) 07 19.00 3.1X					
FVM	55.35	288	eP	04	08.78	-2.2			eS	14	44.00			IS 07 24.93						
	1.2s	26.50nm			5.1mb		KIC	70.22	193	P	05	48.60	-1.1		COLM 18.86 300 (P) 07 38.50 -0.1					
SNY	55.43	55	Pd	04	11.60	0.2	BCAO	72.05	169	iPd	06	00.10	-0.7		CGX 18.90 302 (P) 07 34.50 -4.7X					
	1.6s	68.00nm			5.4mb			0.7s	9.00nm			4.9mb		MGP 20.34 65 P 07 54.30 -0.6						
Z	20s	1.03um			4.9Msz				id	06	32.00	128kmX		GUAN 20.53 89 eP 07 56.70 -0.3						

[illegible]

[illegible]

10d 16h

36.059 N 120.212 W
 DEPTH = 18.2km
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 3.0 (GM). ML 2.9
 (PAS).

PKEM 0.08 88 iPc 36 04.50 0.1
 eS 36 07.67
 PHAM 0.27 214 iPd 36 07.34 0.5
 eS 36 13.74
 BCH 0.88 173 ePc 36 17.18 0.0
 eS 36 29.45
 ABL 1.45 146 eP 36 25.04 -1.3
 ISA 1.47 105 eP 36 26.09 -0.3
 ARN 1.67 321 ePn 36 30.66 1.4
 BONR 2.43 38 ePc 36 41.43 0.9
 TPNV 3.31 73 (Pn) 36 55.32 2.4
 B obs. associated

? SEP 10, 1992 17h 09m 07.41±2.03s
 40.799 N ± 9.6km 139.318 E ± 86.6km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.)
 NEAR WEST COAST OF HONSHU, JAPAN(226)

MAT 4.34 192 iPc 10 12.80 0.0
 eS 11 01.00
 WB2 60.61 185 iPd 19 17.10 -0.1
 0.5s 2.40nm 4.6mb
 KAF 64.22 331 iP 19 40.80 -0.1
 0.4s 2.60nm 4.7mb
 NUR 65.87 330 eP 19 51.30 -0.1
 0.5s 3.70nm 4.7mb
 HFS 69.99 334 eP 20 17.20 0.0
 0.4s 2.00nm 4.5mb
 NB2 70.09 336 P 20 18.10 0.2
 0.7s 3.10nm 4.5mb
 ZOBO 145.94 52 PKP 28 48.00 2.5X
 LPB 146.15 52 (PKP) 28 50.00 4.4X
 CNCB 146.43 53 PKP 28 51.00 4.7X
 S.D. = 0.2 on 6 of 9 obs.

& SEP 10, 1992 17h 45m 16.44s
 61.500 N 151.562 W
 DEPTH = 73.8km
 SOUTHERN ALASKA (2)
 <AEIC>.

CGLM 0.29 228 iPd 45 27.69 -0.6
 NCG 0.30 252 iPd 45 27.75 -0.6
 CRP 0.37 231 iPd 45 28.41 -0.5
 eS 45 38.58
 SUA 0.39 95 ePc 45 29.25 0.2
 SPV 0.40 217 iPd 45 28.42 -0.6
 eS 45 38.64
 CPKM 0.40 234 iPc 45 28.73 -0.5
 CKN 0.41 227 iPd 45 28.66 -0.4
 BGL 0.46 240 iPd 45 28.89 -0.7
 CKL 0.48 231 iPd 45 29.00 -0.8
 SKT 0.48 2 ePc 45 28.74 -0.9
 BKG 0.55 218 iPd 45 29.72 -0.6
 NKA 0.78 168 ePd 45 33.98 1.3
 RDT 1.02 204 iPd 45 34.69 -1.0
 DFR 1.06 211 iPd 45 35.47 -0.8
 CUT 1.09 33 iPc 45 35.91 -0.7
 eS 45 51.17
 RDN 1.15 211 iPd 45 36.48 -1.0
 NCT 1.15 216 iPd 45 36.74 -0.7
 REF 1.16 209 ePd 45 36.77 -0.8
 PLRM 1.17 84 iPc 45 36.25 -1.3
 RDW 1.19 211 iPd 45 37.19 -0.8
 SLKM 1.19 146 eP 45 37.33 -0.5
 RS2 1.19 210 ePd 45 37.23 -0.8
 RSO 1.19 210 ePd 45 37.23 -0.8
 RS1 1.20 210 ePd 45 37.30 -0.8
 GH0 1.29 77 ePc 45 38.00 -1.2
 PTE 1.39 116 iPc 45 39.13 -1.2
 eS 45 57.80
 MPA 1.48 132 ePd 45 41.06 -0.5
 KNK 1.49 92 ePc 45 40.40 -1.5
 eS 46 00.43
 SML 1.57 77 ePc 45 41.21 -1.7
 HUR 1.74 30 eP 45 44.00 -1.1
 eS 46 06.01
 SEW 1.74 143 eP 45 45.16 0.0
 BRLK 1.77 169 eP 45 45.48 -0.2
 HOM 1.85 181 eP 45 46.50 -0.1

CNPM 1.99 175 eP 45 47.68 -0.9
 SVW 2.00 260 P 45 47.00 -1.8
 OPT 2.03 205 eP 45 48.43 -0.7
 TRF 2.05 16 ePd 45 47.61 -1.9
 SCM 2.05 79 eP 45 47.40 -2.1
 PDB 2.15 218 ePd 45 49.39 -1.4
 TTA 2.53 306 eP 45 53.70 -2.5
 TOA 2.63 74 P 45 56.00 -1.5
 KLU 2.71 88 ePc 45 55.53 -3.1
 BGM 2.79 222 eP 45 57.93 -1.8
 PAX 3.21 60 eP 46 04.55 -1.1
 HDA 3.60 34 eP 46 08.29 -2.6
 GLM 3.98 26 eP 46 14.10 -2.2
 46 obs. associated

? SEP 10, 1992 18h 23m 39.49±5.57s
 77.108 N ± 65.5km 10.151 E ± 39.5km
 DEPTH = 10.0km (geophysicist)
 4.1mb (6 obs.)

SVALBARD REGION (643)
 KAF 15.96 152 eP 27 24.00 -1.3
 0.5s 1.30nm 3.3mb
 HFS 17.10 174 eP 27 39.70 0.0
 1.2s 25.60nm 4.2mb
 NUR 17.37 155 eP 27 44.40 1.3
 0.7s 5.40nm 3.8mb
 OBN 24.08 141 eP 29 09.00 13.7X
 1.0s 17.00nm
 CLL 25.93 176 e(P) 29 35.00 22.1X
 BRG 26.38 175 e(P) 29 17.00 -0.1
 KSP 26.48 171 eP 29 18.70 0.7
 MOX 26.57 178 eP 29 18.50 -0.5
 1.6s 26.00nm 4.7mb
 PRU 27.28 174 eP 29 26.00 0.6
 e 29 45.00
 GRF 27.53 178 eP 29 26.70 -1.0
 1.3s 8.00nm 4.3mb
 KHC 28.12 175 eP 29 30.00 -3.0X
 e 29 39.50
 GEC2 28.40 175 eP 29 36.00 0.3
 1.0s 2.27nm 3.9mb
 e 29 40.60
 e 29 47.90
 e 29 54.90
 S.D. = 1.0 on 9 of 12 obs.

SEP 10, 1992 19h 53m 42.33±0.66s
 31.947 N ± 4.9km 35.032 E ± 4.8km
 DEPTH = 10.0km (geophysicist)

DEAD SEA REGION (373)
 KFNJ 0.56 99 Pd 53 53.54 0.0
 KFNJ 0.56 99 Pd 53 54.58 1.0
 SALJ 0.56 83 Pd 53 53.98 0.3
 MASJ 0.62 110 Pd 53 54.61 -0.3
 MKRJ 0.65 127 Pd 53 55.15 -0.2
 LISJ 0.80 151 Pd 53 58.07 0.2
 SHMJ 0.99 38 P+ 54 10.13 8.9X
 QTRJ 1.05 127 P+ 54 02.50 0.2
 MDSJ 1.09 106 P+ 54 02.32 -0.5
 DHLJ 1.17 164 P+ 54 04.66 0.6
 SHWJ 1.61 165 Pc 54 11.05 0.0
 CSTJ 1.63 120 P+ 54 09.83 -1.4
 NAOJ 1.98 168 Pd 54 16.46 0.0
 BHL 2.02 15 Pn 54 17.00 0.1
 Sn 54 44.00
 MRSJ 2.27 174 Pc 54 20.42 -0.1
 HITJ 2.30 162 Pc 54 21.24 0.2
 KOT 3.41 235 ePn 54 36.50 -0.1
 S.D. = 0.5 on 16 of 17 obs.

SEP 10, 1992 20h 10m 57.09±1.12s
 17.221 S ± 5.3km 167.817 E ± 3.9km
 DEPTH = 20.0 ± 8.1 km
 5.5mb (43 obs.) 5.4Msz (38 obs.)
 VANUATU ISLANDS (186)

Mo=1.0*10**18 Nm (PPT).
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 28S, 53C
 Centroid Location:
 Origin Time 20:11: 5.0 0.3
 Lat 16.75S 0.03 Lon 167.70E 0.02
 Dep 15.0 FIX Half-duration 1.9
 Moment Tensor: Scale 10**17 Nm
 Mrr= 3.65 0.07 Mtt= 0.38 0.10

Mff=-4.03 0.09 Mrt= 2.13 0.15
 Mrf=-1.02 0.21 Mtf= 0.49 0.07
 Principal Axes:
 T Val= 4.75 Plg=64 Azm= 11
 N -0.45 24 165
 P -4.30 10 259
 Best Double Couple: Mo=4.5*10**17
 NP1: Strike= 16 Dip=41 Slip= 128
 NP2: 150 59 62

BKM 0.60 138 iPd 11 08.80 0.0
 PVC 0.70 138 iPd 11 10.20 -0.3
 iS 11 20.00
 DZM 5.00 195 iPc 12 10.00 -2.9X
 iS 13 07.00
 VUN 10.18 96 eP 13 28.60 3.3X
 SVA 10.18 97 eP 13 25.40 0.1
 SVO 11.18 315 eP 13 39.00 0.0
 eS 15 45.00
 BRS 17.19 231 iPc 14 58.30 0.5
 epP 15 09.00
 iS 18 09.00
 i(sS) 18 24.00
 ARMA 19.77 225 iPd 15 30.50 1.4
 0.9s 76.00nm 5.0mb
 RMO 19.93 239 iPd 15 31.20 0.4
 1.0s 407.00nm 5.7mb
 i 15 42.90
 CTA 20.63 259 iPd 15 38.00 0.0
 1.0s 50.00nm 4.8mb
 i 15 52.00
 i 16 12.00
 iS 19 29.00
 PMG 21.54 289 eP 15 48.00 0.7
 LAT 22.88 295 eP 16 02.70 2.0
 QLP 23.75 243 iPc 16 10.40 1.4
 0.9s 278.00nm 5.8mb
 BWA 24.39 222 eP 16 14.40 -0.9
 i 16 27.70
 CNB 24.39 219 iPc 16 16.90 1.6
 0.9s 74.00nm 5.3mb
 CMS 24.49 231 eP 16 16.80 0.6
 1.1s 133.00nm 5.5mb
 i 16 29.00
 CAN 24.61 219 eP 16 18.60 1.2
 i 16 30.60
 QIS 26.88 258 iPd 16 38.00 -0.7
 1.2s 54.00nm 5.1mb
 STK 27.87 234 iPd 16 48.00 0.4
 0.6s 13.90nm 4.9mb
 iPcP 20 03.40
 TOO 28.22 220 eP 16 51.00 0.2
 0.5s 9.00nm 4.8mb
 WB2 31.81 260 iPc 17 21.10 -1.7
 0.8s 27.40nm 5.2mb
 i 20 13.30
 WRA 31.82 260 P 17 21.50 -1.4
 0.6s 2.80nm 4.4mb X
 ASPA 32.37 253 iPc 17 26.30 -1.4
 0.5s 73.90nm 5.9mb
 Z 21s 13.70um 5.6Msz
 iPcP 20 14.70
 eS 22 07.10
 KNA 37.43 266 eP 18 10.00 -1.0
 SWI 39.46 290 ePd 18 28.00 -0.1
 TNE 43.72 290 eP 19 14.50 11.6X
 COOL 44.43 243 eP 19 08.00 -0.6
 MBL 45.36 257 eP 19 15.50 -0.6
 0.7s 58.00nm 5.6mb
 MEEK 46.36 249 iPc 19 23.00 -1.0
 0.6s 63.00nm 5.8mb
 KLB 47.39 243 eP 19 31.00 -1.1
 BAL 48.21 244 eP 19 37.00 -1.5
 DAV 48.23 297 eP 19 43.20 4.4X
 MUN 48.74 242 eP 19 42.00 -0.6
 MRWA 48.75 246 eP 19 41.50 -1.2
 NANU 49.26 255 eP 19 47.00 0.4
 0.6s 38.00nm 5.6mb
 CGP 49.68 298 eP 19 49.50 -0.4
 PCI 49.89 284 ePd 19 55.50 3.9X
 e 21 31.00
 HON 50.89 42 P 20 10.00 11.0X
 Z 20s 3.55um 5.4Msz
 DRV 52.65 194 eP 20 10.00 -1.8
 TSM 53.74 289 ePc 20 32.10 11.6X
 KKM 55.97 290 eP 20 39.00 2.1
 CVP 57.05 305 eP 20 54.00 9.6X

BCP	57.28	303	eP	20	45.00	-1.1		Z	22s	1.46um	5.3Msz		Z	22s	1.30um	5.4MszX				
BAG	57.30	303	eP	20	45.80	-0.7			iSP	23	18.00		GOL	98.41	51	P	24	50.00	14.6X	
MAT	60.35	333	iPd	21	05.80	-1.3			S	32	48.00		Z	19s	2.97um			5.8Msz		
	1.2s	35.94nm				5.4mb	BTO	78.63	319	P	23	00.50	1.1	RSSD	100.48	47	ePdiff	24	43.00	-1.8
		(S)		29	06.00			1.2s	42.00nm		5.4mb			0.8s	8.60nm			5.3mb		
MTMJ	60.56	332	P	21	07.60	-1.0	N	17s	0.93um				Z	22s	0.35um			4.8Msz		
KUMJ	60.83	324	eP	21	10.40	0.0			pP	23	11.50	36kmX	ULM	107.04	42	ePdiff	25	17.10	3.6X	
SHNJ	61.88	326	eP	21	16.50	-1.0			ePP	25	59.50		FVM	109.52	55	PKP	29	40.00	11.8X	
HKC	65.57	305	eP	21	47.00	5.1X			eS	32	50.00		Z	19s	3.44um			5.9Msz		
SSE	65.68	317	Pc	21	40.00	-2.5	MAW	79.79	202	iPc	23	05.60	0.5	SLM	109.75	54	PKP	29	40.00	11.4X
	1.0s	9.00nm				4.9mb		1.0s	24.00nm		5.2mb		Z	20s	1.02um			5.4Msz		
	Z	20s	0.90um			5.0Msz	LZH	80.38	312	eP	23	10.00	1.0	JFWS	110.17	50	PKP	29	40.00	10.7X
		pP	21	53.20		46kmX		1.5s	140.00nm		5.8mb		Z	21s	3.85um			5.9Msz		
KGM	66.36	280	eP	30	20.00			Z	22s	1.00um		5.1Msz	MCWV	117.87	54	PKP	29	50.00	5.9X	
QIZ	67.41	300	Pd	21	54.60	0.8	E	18s	0.63um				Z	20s	1.39um			5.6Msz		
	E	14s	1.09um						pP	23	21.00	36kmX	CEH	118.43	58	PKP	30	00.00	14.7X	
		S	30	50.00					sP	23	25.00		Z	20s	1.79um			5.7Msz		
NJ2	67.82	316	Pd	21	56.00	-0.1	SVW	83.36	17	(P)	23	25.77	1.9	RSNY	121.52	48	PKP	30	00.00	9.1X
	1.2s	47.00nm				5.5mb		1.0s	10.25nm		5.0mb		Z	20s	1.69um			5.7Msz		
IPM	69.38	282	ePd	22	06.10	0.0	REF	83.71	18	eP	23	27.63	1.8	SLR	121.92	224	ePKP	29	51.00	-1.4
SMY	69.87	4	P	22	20.00	11.8X	YAK	84.53	343	eP	23	29.00	-0.6	KIM	121.99	218	ePKP	29	52.00	-0.4
	Z	20s	3.13um			5.5Msz		2.0s	163.00nm		5.9mb		HRV	123.92	50	PKP	30	10.00	14.4X	
WHN	70.00	312	Pd	22	09.70	0.2		Z	22s	1.50um		5.3Msz		Z	22s	1.79um			5.7Msz	
	1.2s	210.00nm				6.1mb	N	22s	0.90um				BUL	125.39	229	iPKPd	29	58.60	-0.7	
	Z	24s	1.35um			5.1MszX	E	22s	1.00um				KRI	126.71	233	ePKP	30	02.80	0.9	
		pP	22	21.00		37kmX			e	34	00.00		OBN	127.07	327	ePKP	30	01.00	-0.2	
DL2	70.60	323	eP	22	13.40	0.4	TTA	84.76	16	eP	23	29.60	-1.3		Z	20s	0.80um		5.4Msz	
	1.0s	50.00nm				5.6mb		1.1s	9.41nm		4.9mb		N	20s	0.60um					
	Z	20s	0.92um			5.0Msz	GTA	84.76	314	P	23	31.00	-0.5	E	20s	0.30um				
		pP	22	28.00		52kmX		1.5s	120.00nm		5.9mb				e	30	14.00			
SNG	70.67	284	eP	22	16.00	2.1		Z	20s	1.20um		5.3Msz				e	32	09.00		
		eS	31	25.00					pP	23	42.50	37kmX	KAF	127.69	338	iPKP	30	01.20	-1.0	
MDJ	70.71	332	Pd	22	13.50	-0.1	PMR	85.67	19	eP	23	32.90	-2.4			0.6s	6.40nm			
	1.4s	38.00nm				5.3mb	Z	18s	1.90um		5.5Msz		LMN	128.02	45	ePKP	29	57.50	-5.9X	
	Z	20s	1.85um			5.3Msz	ARN	85.72	49	eP	23	36.60	0.4	NUR	129.36	337	ePKP	30	04.80	-0.6
		pP	22	24.00		34kmX	BCH	85.88	51	eP	23	38.09	1.0			0.6s	9.00nm			
TIA	71.54	319	Pd	22	18.40	-0.4	ABL	86.39	52	eP	23	40.25	0.4	NB2	133.15	345	PKP	30	11.80	-0.9
	Z	20s	1.65um			5.3Msz	ORV	86.69	47	(P)	23	40.95	0.1			0.9s	8.60nm			
	N	18s	1.34um				CMB	86.84	49	eP	23	41.76	0.1	HFS	133.24	343	ePKP	29	59.20	-13.6X
		eS	31	35.00			ISA	87.28	51	eP	23	43.82	-0.1			1.0s	5.70nm			
SNY	71.56	327	Pd	22	18.00	-0.8		1.5s	31.64nm		5.4mb		Z	22s	0.98um			5.5Msz		
	Z	19s	1.38um			5.2Msz	Z	19s	3.78um		5.8Msz				LR	21	45.00			
CN2	72.04	329	eP	22	21.60	0.0	LSA	87.32	302	iPd	23	45.80	1.1	MLR	137.56	320	ePKPc	30	21.00	-0.7
	1.0s	37.00nm				5.4mb	PLM	87.61	54	(P)	23	45.62	-0.1	OJC	138.27	329	ePKP	30	19.80	-2.9X
	Z	20s	1.09um			5.1Msz	SIT	87.76	27	P	24	00.00	14.4X			e	30	24.20		
		ePP	22	38.00		59kmX		Z	20s	1.23um		5.3Msz	KSP	139.48	332	ePKP	30	20.00	-4.8X	
		eS	31	43.00			IRK	88.29	327	eP	23	57.20	8.9X			ic	30	26.90		
SPA	72.89	180	iPc	22	26.80	0.2		1.2s	40.00nm		5.6mb				e	33	31.00			
	0.9s	78.64nm				5.8mb	Z	18s	0.57um		5.0Msz				e	33	59.00			
NNT	73.47	289	eP	22	33.60	3.1X	N	16s	0.25um				BRG	140.47	334	ePKP	30	22.70	-3.9X	
		e	37	22.00					e	24	48.00				1.3s	16.00nm				
GYA	73.56	305	iPd	22	31.40	0.3			eSKS	34	31.00				e	33	51.00			
	1.2s	27.00nm				5.2mb			eS	34	43.00				i	34	03.40			
	Z	30s	1.17um			5.0MszX			ePS	35	56.00				i	30	24.00		-2.7X	
		pP	22	45.00		47kmX			e	47	27.00		CLL	140.53	335	iPKPc	30	24.00		
		PP	25	19.00					e	51	52.00				iSg	43	06.10			
		S	32	01.00					LR	57	12.00		SRO	140.57	327	ePKP	30	24.70	-2.2X	
LOE	73.60	295	eP	22	32.00	0.7	FBA	88.56	17	(P)	23	50.08	0.8			i	42	16.40		
NST	74.30	292	eP	22	38.00	2.7		1.0s	9.83nm		5.1mb		PRU	140.87	333	PKP	30	27.50	0.1	
BJI	74.53	321	eP	22	36.50	0.3	SHW	89.08	41	eP	23	52.81	0.4	Z	24s	0.70um			5.3MszX	
	1.6s	100.00nm				5.6mb	GLA	89.08	55	eP	23	53.16	0.6			e	34	04.00		
	Z	20s	0.90um			5.1Msz	GMW	89.35	39	eP	23	53.66	0.2	ZST	140.93	329	ePKP	30	25.70	-1.8
		eS	32	06.00			TPNV	89.43	51	P	24	00.00	5.7X			e	33	49.60		
KHT	75.33	291	eP	22	41.20	-0.1		Z	19s	4.44um		5.9Msz				e	41	48.50		
TIY	75.44	318	Pc	22	42.00	0.3	PGC	89.45	38	eP	23	53.00	-0.8			e	42	00.70		
	1.0s	140.00nm				6.0mb	LON	89.59	40	eP	23	54.60	-0.1			i	42	07.80		
	Z	18s	5.36um			5.9Msz	MCW	89.83	38	eP	23	56.22	0.5	EKA	141.34	352	PKP	30	28.00	0.0
	E	16s	0.79um						e	24	07.10				1.2s	14.50nm				
XAN	75.76	313	P	22	43.10	-0.4	RMW	89.90	40	eP	23	55.59	-0.5	MOX	141.59	336	e(PKP)	30	25.00	-3.7X
	0.8s	38.00nm				5.5mb	GUN	91.05	299	P	24	02.18	0.0			2.3s	60.00nm			
	Z	22s	1.53um			5.3Msz	PKI	91.34	298	P	24	01.74	-1.8		Z	20s	0.40um		5.2Msz	
		S	32	24.00			KKN	91.52	299	P	24	02.90	-1.3		N	18s	0.30um			
BDT	75.91	293	eP	22	46.00	1.4	DMN	91.61	298	P	24	03.50	-1.2		E	21s	0.20um			
KMI	76.06	302	Pc	22	46.00	0.3	ARUT	91.82	51	eP	24	05.68	0.4	KHC	141.93	332	PKP	30	25.00	-4.4X
	1.5s	70.00nm				5.5mb	GKN	92.12	299	P	24	06.40	-0.5			1.4s	18.40nm			
	Z	24s	1.00um			5.0MszX	SNA	92.42	183	e(P)	24	07.30	0.0		Z	22s	1.20um		5.6Msz	
		sP	22	58.50				0.9s	47.06nm		5.9mb			N	22s	0.60um				
CHG	76.59	295	ePc	22	48.60	0.2	KOD	93.31	280	eP	24	14.00	1.3		E	22s	0.70um			
	1.9s	210.53nm				5.9mb	GBA	94.30	283	P	24	17.00	0.2			e	30	33.00		
HHC	77.82	320	Pc	22	56.00	1.1	WMQ	94.84	314	P	24	19.50	0.6			e	31	01.20		
	1.4s	140.00nm				5.8mb		1.5s	40.00nm		5.6mb		GEC2	142.08	332	ePKP	30	25.90	-3.8X	
	Z	26s	1.20um			5.1MszX		Z	20s	1.07um		5.3Msz			0.8s	3.26nm				
		pP	23	10.00		49kmX	BW06	96.25	47	(P)	24	25.29	-0.3			e	30	28.80		
CD2	77.94	308	eP	22	54.00	-1.7	ALQ	96.27	56	P	24	40.00	14.1X			e	30	31.70		
	1.0s	29.00nm				5.3mb			SKS	34	52.00				e	30	34.20			

10d 20h

		e	30	36.50		BOB	147.07	331	PKP	30	40.70	2.5X	EGRA	153.12	340	ePKP	30	50.00	2.7X
		e	30	36.90		FLN	147.13	346	ePKP	30	40.00	2.0	ETOR	154.91	342	ePKP	30	59.90	10.0X
		epPKP	30	41.30			0.9s	85.85nm					TOL	156.34	344	ePKP	31	07.00	15.2X
		ePKS	34	07.00		MNS	147.15	325	PKP	30	37.60	-0.7	EPLA	156.63	348	ePKP	30	55.00	2.8X
SKO	142.14	iPKP	30	24.00	-5.9X	LDF	147.20	345	ePKP	30	40.30	2.1X	MAL	159.39	342	ePKP	30	56.00	0.6
		i	33	31.00			1.3s	128.50nm							iPP	35	16.00		
WTS	142.19	ePKP	30	30.00	0.4	LOR	147.25	340	ePKP	30	40.80	2.5X	KDS	175.37	180	ePKP	31	06.80	-0.4
	1.1s	47.00nm					0.9s	42.40nm						S.D. = 1.1	on 164 of 278 obs.				
GRF	142.50	ePKP	30	25.90	-4.4X	Z	23s	0.68um				5.4MszX							
	2	22s	0.40um		5.1Msz	BCAO	147.33	251	iPKPd	30	38.90	-0.5							
		e	30	40.10			0.9s	207.00nm											
KKS	142.74	ePKP	30	26.20	-4.7X			id	30	42.10									
PHP	142.93	iPKPd	30	30.90	-0.4			ic	30	54.00									
OHR	142.99	ePKP	30	25.00	-6.5X			id	31	16.00									
PTJ	143.05	ePKP	30	26.10	-5.3X	LBF	147.45	339	ePKP	30	41.40	2.7X							
ZAG	143.09	ePKP	30	28.20	-3.2X		0.8s	81.40nm											
BHG	143.28	ePKP	30	28.70	-3.0X	RMP	147.52	324	PKP	30	41.80	2.9X	PRM	22.51	13	eP	22	52.18	0.4
SDA	143.33	ePKP	30	28.50	-3.4X	LSD	147.54	334	PKP	30	41.17	2.0X	UYO	22.73	346	iPc	22	54.30	0.4
ITR	143.40	ePKP	30	40.90	8.0X	SSF	147.54	340	ePKP	30	41.80	3.0X	JSC	22.95	15	eP	22	57.38	1.3
LACI	143.42	ePKP	30	27.50	-4.5X		1.1s	85.00nm					LHS	23.26	15	eP	22	59.65	0.6
TIR	143.47	ePKP	30	29.00	-3.2X	RDP	147.55	324	PKP	30	42.00	3.0X	OLY	23.51	353	eP	23	02.84	1.3
ENN	143.53	ePKP	30	32.00	0.1	GRR	147.57	346	ePKP	30	41.60	2.9X	FKO	24.56	341	iPc	23	12.00	0.2
	0.9s	13.00nm					0.7s	45.65nm					FNO	24.56	341	iPc	23	12.40	0.6
KBA	143.54	iPKPd	30	29.10	-3.3X	RSL	147.57	335	PKP	30	42.12	3.0X	SIO	24.70	344	e(P)	23	12.30	-0.8
	0.8s	22.00nm				PCP	147.66	332	PKP	30	41.48	2.4X	TUL	24.72	345	ePd	23	12.90	-0.3
		i	30	42.00		LPL	147.66	335	ePKP	30	42.60	3.3X		1.2s	55.50nm			5.1mb	
VBV	143.68	iPKPd	30	30.20	-2.2X		0.8s	5.90nm					Z	20s	0.24um			3.7Msz	
		ipP'df	30	41.00		LPG	147.67	335	ePKP	30	42.70	3.3X			S	28	06.00		
LJU	143.68	ePKP	30	30.00	-2.4X		0.8s	57.20nm							LR	32	18.00		
BERA	143.75	ePKP	30	30.30	-2.4X	SOI	147.70	316	PKP	30	39.40	0.1	RRO	25.05	340	iPc	23	16.80	0.3
VOY	144.01	ePKP	30	30.30	-2.8X	RSP	147.74	334	PKP	30	41.17	1.9X	ELC	25.11	358	eP	23	16.11	-0.9
SRN	144.13	ePKP	30	31.60	-1.7	SMF	147.79	339	ePKP	30	42.20	3.0X	FVM	25.87	356	P	23	30.00	5.9X
FVI	144.15	PKP	30	30.70	-2.4X		1.2s	143.40nm					Z	21s	0.66um			4.1Msz	
VLO	144.17	ePKP	30	32.00	-1.4	AVF	147.83	340	ePKP	30	42.10	2.9X	ALQ	28.20	327	eP	23	47.51	1.7
RIY	144.24	ePKP	30	30.60	-2.7X		1.3s	112.30nm						1.1s	5.85nm			4.3mb	
SNF	144.26	342	PKP	30	32.10	-1.1	CKI	147.87	332	PKP	30	41.90	2.5X	Z	19s	0.67um			4.3Msz
ETA	144.29	ePKP	30	35.90	2.7X	LPF	147.94	346	ePKP	30	42.70	3.4X			S	28	29.69		
TRI	144.30	ePKPd	30	31.50	-1.9X		1.1s	131.85nm					GOL	31.47	334	eP	24	14.78	-0.1
		e	33	52.00		BHB	147.99	333	PKP	30	41.28	1.7		0.9s	10.26nm			4.7mb	
		e	45	52.00		BNI	148.06	334	PKP	30	43.80	3.9X	Z	20s	0.41um			4.1Msz	
HOFF	144.37	PKP	30	32.41	-1.0	FIN	148.07	332	PKP	30	42.10	2.3X	HRV	33.55	22	eP	24	33.42	0.8
LANF	144.40	PKP	30	32.15	-1.4	RRL	148.13	334	PKP	30	43.63	3.5X		0.9s	62.81nm			5.5mb	
WLF	144.41	iPKPd	30	32.81	-0.6	BGF	148.20	340	ePKP	30	43.40	3.5X	Z	21s	1.05um			4.5Msz	
HVAR	144.52	iPKP	30	31.10	-2.8X		0.9s	54.05nm					RSNY	34.38	17	eP	24	37.79	-2.0
DOU	144.53	ePKP	30	32.90	-0.8	PZZ	148.33	333	PKP	30	42.10	1.8		0.9s	7.05nm			4.6mb	
ECB	144.67	ePKP	30	37.70	3.9X	ENR	148.41	333	PKP	30	42.30	1.9	Z	22s	0.50um			4.2Msz	
	0.8s	379.00nm			STV	148.44	333	PKP	30	42.40	2.0			S	30	16.53			
STR	144.75	PKP	30	32.33	-1.8	IMI	148.45	332	PKP	30	43.43	3.0X	ZOBO	34.42	145	eP	24	43.00	1.8
ECP	144.82	ePKP	30	37.00	2.9X	MAF	148.59	340	ePKP	30	44.50	4.0X		Z	22s	0.32um		4.0Msz	
WLS	145.04	PKP	30	34.03	-0.7		1.2s	75.85nm							e	29	43.00		
CDF	145.07	PKP	30	33.93	-0.9	TCF	148.65	341	ePKP	30	44.60	4.0X			LR	37	56.00		
SLE	145.13	ePKPd	30	33.90	-0.9		1.2s	98.50nm					RSSD	34.74	340	P	25	00.00	16.8X
LIBD	145.16	PKP	30	33.09	-1.7	MNO	148.67	317	PKP	30	44.79	3.6X	Z	20s	1.03um			4.6Msz	
FEL	145.23	PKP	30	33.09	-2.1X	SBF	148.69	332	ePKP	30	44.40	3.6X	EEO	35.27	11	eP	24	50.50	3.0X
ECH	145.27	PKP	30	33.34	-1.7		0.9s	86.50nm					BW06	35.80	333	eP	24	52.00	-0.3
OSS	145.29	ePKPd	30	35.00	-0.4	SSB	148.72	337	PKP	30	45.11	4.3X		1.0s	5.00nm			4.3mb	
ZLA	145.40	ePKPd	30	35.50	0.1	LSF	148.89	341	ePKP	30	45.00	4.0X	ISA	36.11	316	P	25	00.00	5.2X
BRT	145.42	PKP	30	35.75	0.2		0.8s	55.90nm					Z	21s	0.87um			4.5Msz	
MOF	145.59	PKP	30	35.12	-0.6	PGF	148.96	329	ePKP	30	45.40	4.1X	HHAI	37.52	330	eP	25	06.12	-0.5
LLS	145.64	ePKPd	30	36.60	0.6		1.0s	163.20nm					SIV	38.64	136	P	25	17.00	0.8
VITF	145.70	PKP	30	35.05	-0.7	MEU	148.97	315	PKP	30	46.33	4.8X	LMN	39.04	26	eP	25	21.00	1.9
BSF	145.73	PKP	30	36.30	0.3	MFF	149.05	344	ePKP	30	45.30	4.1X	LRM	39.48	333	eP	25	23.50	0.3
	1.1s	104.05nm					0.8s	61.80nm				SES	42.58	338	eP	25	48.00	-0.3	
VDL	145.74	ePKPc	30	37.70	1.5	FRF	149.28	333	ePKP	30	46.00	4.4X	JAO	42.76	11	eP	25	47.00	-2.7
HAU	145.75	ePKP	30	36.50	0.6		1.2s	107.70nm				FCC	46.80	356	eP	26	24.00	2.1	
	1.2s	165.40nm				LRG	149.49	333	ePKP	30	46.70	4.8X	BAO	48.31	124	e(P)	26	33.00	-1.6
BBS	145.76	PKP	30	35.50	-0.5		1.1s	96.95nm				BDF	48.40	124	e(P)	26	34.30	-0.9	
SAL	145.94	PKP	30	37.30	1.1	Z	22s	0.65um							e	26	53.00		
LOMF	146.12	PKP	30	36.16	-0.4	LMR	149.52	333	ePKP	30	46.60	4.6X	YKA	53.80	345	eP	27	12.80	-2.5
RSM	146.21	PKP	30	39.40	2.7X		1.1s	102.05nm						0.8s	3.90nm			4.5mb	
ARV	146.25	PKP	30	37.10	0.2	RJF	149.74	341	ePKP	30	47.40	5.1X	MBC	66.29	352	eP	28	39.00	-1.8
TMA	146.29	ePKPc	30	36.90	-0.2		0.8s	46.75nm					OGA	87.42	43	iPKPd	30	34.00	-5.8X
PGD	146.63	PKP	30	40.31	2.7X	Z	21s	0.63um				5.4Msz	CHG	148.52	347	ePKP	37	40.20	3.8X
TDS	146.65	PKP	30	39.40	1.8	CAF	149.90	340	ePKP	30	48.00	5.4X	BDT	150.02	346	ePKP	37	43.50	4.9X
CRE	146.68	PKP	30	39.60	1.9		0.9s	44.20nm					GBA	150.72	30	PKP	37	45.00	5.3X
ASS	146.70	PKP	30	39.10	1.5	CVT	150.05	318	PKP	30	48.77	5.8X		S.D. = 1.4	on 28 of 36 obs.				
MMK	146.72	ePKPd	30	40.30	2.5X	LFF	150.31	341	ePKP	30	48.80	5.7X							
AQU	146.77	PKP	30	40.00	2.2X		0.7s	53.35nm											
SGO	146.78	PKP	30	39.10	1.4	LPO	150.40	340	ePKP	30	49.10	5.8X							
MGR	146.87	PKP	30	38.90	1.0		1.0s	53.80nm											
MME	146.91	PKP	30	40.25	2.1	MTHF	151.47	337	PKP	30	51.36	6.4X							
DIX	146.93	ePKPc	30	40.50	2.3X	LSPF	151.69	338	PKP	30	51.78	6.5X							
FIR	146.93	ePKP																	

SPC 1.21 142 iPn 41 19.30 -0.4
i(Sg) 41 33.80
Lg 41 38.00
VRAC 1.84 244 iPnd 41 30.00 1.1
0.3s 15.60nm
eSg 41 54.30
KSP 1.93 292 ePn 41 30.00 -0.3
0.8s 75.00nm
iPg 41 33.10
iSn 41 56.60
iSg 41 59.60
VKA 2.63 225 eP 41 51.00 10.7X
i(Sg) 42 20.20
PRU 2.95 269 ePn 41 49.30 4.5X
0.5s 14.40nm
Pg 41 55.60
Sg 42 28.50
e 42 37.20
eSg 51 52.00
BRG 3.38 284 ePg 42 02.00 11.1X
iSg 42 44.00
KHC 3.74 256 ePn 41 55.50 -0.6
ePg 42 06.00
eSn 42 37.00
eSg 42 53.30
e 51 50.50
eSg 52 09.50
S.D. = 1.0 on 5 of 9 obs.

* SEP 10, 1992 21h 20m 54.33±1.48s
10.592 S ± 9.5km 150.317 E ± 10.9km
DEPTH = 128.3 ± 12.5 km
4.4mb (8 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

PMG 3.33 290 iPd 27 46.00 0.1
eS 22 37.00
RMQ 15.88 185 eP 24 35.00 3.0X
0.5s 12.00nm 4.4mb
BRS 16.87 172 iPc 24 41.40 -2.8X
WB2 17.98 237 iPd 24 56.90 -0.8
0.7s 8.10nm 4.1mb
eS 28 12.00
MTN 18.92 261 eP 25 07.50 -0.4
DZM 19.21 128 iPc 25 10.90 -0.1
ARMA 19.77 177 eP 25 19.10 2.3X
0.9s 14.00nm 4.3mb
ASPA 20.35 228 iPc 25 24.00 1.4
0.9s 12.70nm 4.3mb
eS 29 09.80
CMS 21.20 191 eP 25 31.00 -0.1
0.8s 25.00nm 4.7mb
STK 22.67 200 iPc 25 48.40 2.9X
1.0s 3.40nm 3.7mb
BWA 23.79 184 eP 26 02.00 5.7X
CAN 24.65 183 eP 26 11.90 7.4X
CHG 58.48 300 eP 30 39.50 0.0
LZH 63.81 319 eP 31 16.00 0.7
1.6s 17.00nm 4.7mb
Z 20s 0.45um 4.6msz
pP 31 25.00 29kmX
GUN 73.12 303 P 32 13.18 0.0
0.5s 25.00nm 5.2mb
PKI 73.38 303 P 32 14.26 -0.5
KKK 73.57 303 P 32 15.38 -0.3
DMN 73.64 303 P 32 16.30 0.1
GKN 74.17 303 P 32 19.04 -0.1
NB2 121.42 338 Pd diff 36 19.30 18.3X
0.8s 4.10nm
S.D. = 0.6 on 13 of 20 obs.

SEP 10, 1992 21h 28m 45.01±0.92s
29.914 N ± 5.5km 51.063 E ± 4.1km
DEPTH = 59.0 ± 9.6 km
4.8mb (30 obs.)
SOUTHERN IRAN (353)

DHR 3.69 193 eP 29 41.50 0.7
KER 5.55 324 eP 30 05.00 -2.2
TEH 5.81 3 eP 30 12.00 1.2
MJMA 6.52 233 iP 30 19.87 -0.6
RYD 6.51 218 eP 30 17.80 -2.7
eS 31 31.00
QASM 7.67 242 eP 30 31.67 -4.9X
eS 31 52.67
TAB 9.03 335 e(P) 31 30.00 34.6X
MAIO 9.51 46 eP 30 04.00 -58.0X

AYN 13.18 269 eP 31 47.33 -3.7X
BHL 13.68 291 P 32 00.00 2.3
ABHA 13.86 215 eP 32 00.00 -0.4
HQL 13.95 271 eP 32 04.00 2.8
CSS 15.79 293 eP 32 23.60 -1.4
KSH 22.53 58 P 33 42.00 1.0
NDI 22.83 87 eP 33 46.00 2.2
CFR 23.60 317 eP 33 45.00 -6.1X
AAE 23.75 211 eP 33 56.00 2.8
VRI 24.81 317 eP 34 04.00 1.2
CLI 24.85 319 ePc 34 06.00 2.8
SRS 24.90 304 eP 34 05.04 1.3
SOH 24.98 303 eP 34 05.40 0.9
MLR 25.09 315 iPc 34 18.50 12.9X
CVO 25.12 316 iPd 34 07.50 1.7
AGG 25.29 299 eP 34 09.48 2.1
KNT 25.41 304 eP 34 09.00 0.5
LIT 25.42 301 eP 34 08.72 0.1
GRG 25.71 303 eP 34 12.10 0.8
COZ 26.00 314 eP 34 18.00 3.8X
SKO 26.70 305 iP 34 20.20 -0.2
OHR 26.92 303 eP 34 22.50 0.0
OBN 27.22 342 iPd 34 24.90 -0.1
0.9s 60.00nm 5.2mb
e 35 13.00
e 35 37.00
e 39 17.00

GKN 29.38 85 P 34 44.20 -0.8
0.4s 21.00nm 5.2mb
DMN 29.87 86 P 34 48.80 -0.7
0.4s 31.00nm 5.4mb
KKK 29.98 86 P 34 49.80 -0.6
PKI 30.14 86 P 34 51.00 -0.9
0.6s 33.00nm 5.2mb
GUN 30.48 85 P 34 54.20 -0.7
0.4s 37.00nm 5.5mb
MGR 30.64 299 P 34 55.80 0.1
SRO 30.83 315 eP 34 55.00 -2.3
SGO 30.89 300 P 34 58.60 0.7
OJC 31.02 320 eP 34 58.00 -1.0
ZST 31.73 315 eP 35 05.00 -0.2
MNS 33.12 303 P 35 17.70 0.2
ASS 33.26 304 P 35 19.90 1.2
KSP 33.29 319 eP 35 05.80 -13.0X
e 35 23.60
KBA 33.74 311 iPc 35 22.60 -0.4
0.9s 12.20nm 4.8mb
PRU 33.97 317 eP 35 25.60 0.9
GEC2 34.07 314 ePc 35 24.60 -1.1
0.6s 2.02nm 4.2mb
e 35 32.50
e 35 35.30
e 35 43.20
e 35 46.60
e(PcP) 38 02.80

PGD 34.08 305 P 35 27.70 1.8
KHC 34.24 315 P 35 26.50 -0.6
1.1s 11.30nm 4.7mb
e 35 32.30
e 36 04.50
BRG 34.66 318 eP 35 30.10 -0.5
1.2s 11.00nm 4.7mb
NUR 35.32 338 eP 35 34.70 -1.4
0.4s 2.40nm 4.5mb
CLL 35.38 318 iPc 35 36.80 0.1
1.2s 21.00nm 4.9mb
GRF 35.88 315 iPc 35 40.70 -0.3
1.2s 17.00nm 4.9mb
KAF 36.04 340 eP 35 42.00 -0.1
0.3s 0.90nm 4.2mb
LLS 36.56 309 ePd 35 46.30 -0.7
DIX 37.49 308 ePc 35 54.80 -0.1
BN1 37.83 306 P 35 56.80 -0.9
LPG 37.85 307 eP 35 57.40 -0.5
0.8s 9.40nm 4.8mb
LPL 37.86 307 eP 35 57.10 -0.9
0.9s 14.90nm 4.9mb
BSF 38.23 311 eP 35 59.90 -1.0
0.7s 6.40nm 4.6mb
WLF 39.04 313 P 36 08.00 0.5
HFS 39.20 331 eP 36 07.50 -1.2
0.4s 8.60nm 5.0mb
WTS 39.24 317 eP 36 10.50 1.4
0.9s 17.00nm 4.9mb
BCAO 39.83 237 ePc 36 14.00 -0.4

0.4s 10.00nm 5.0mb
ic 36 20.00
SMF 40.01 308 eP 36 14.80 -0.8
0.7s 8.60nm 4.7mb
LOR 40.09 309 eP 36 15.20 -1.0
SSF 40.30 309 eP 36 17.20 -0.7
AVF 40.37 308 eP 36 17.70 -0.8
GTA 40.78 63 P 36 23.00 0.8
1.0s 14.00nm 4.7mb
KEV 42.17 348 eP 36 33.00 0.0
LDF 42.92 311 eP 36 38.40 -0.9
FLN 43.17 311 eP 36 39.70 -1.7
0.5s 5.70nm 4.6mb
LPF 43.47 310 eP 36 42.40 -1.4
0.5s 6.05nm 4.6mb
LZH 44.25 68 eP 36 51.50 1.0
1.4s 16.00nm 4.6mb
pP 36 57.00 18kmX
CHG 44.72 93 eP 36 54.00 -0.3
CD2 45.10 75 eP 37 01.20 3.9X
KMI 45.77 83 eP 37 02.50 -0.3
EKA 45.79 320 P 37 02.00 -0.3
1.3s 20.70nm 4.9mb
BTO 48.50 61 eP 37 24.20 0.2
XAN 48.70 69 Pd 37 25.20 -0.2
0.8s 11.00nm 4.9mb
GYA 48.73 80 P 37 25.40 -0.5
TIA 54.78 65 eP 38 11.20 0.2
NJ2 57.27 69 eP 38 29.00 0.2
KIC 57.34 258 P 38 29.52 -0.1
0.9s 17.50nm 5.2mb
TIC 57.43 258 P 38 29.98 -0.3
0.6s 4.00nm 4.7mb
LIC 57.66 258 P 38 31.72 -0.1
YKA 87.20 353 eP 41 26.70 1.0
0.9s 5.00nm 4.7mb
WB2 94.17 110 iPc 41 59.00 0.2
0.5s 2.20nm 4.8mb
S.D. = 1.2 on 79 of 88 obs.

% SEP 10, 1992 21h 37m 39.80±1.54s
11.939 N ± 7.8km 60.726 W ± 17.3km
DEPTH = 20.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

TPR 0.75 184 eP 37 54.38 0.3
eS 38 05.60
GRW 0.94 284 eP 37 57.55 0.2
eS 38 11.92
SVB 1.42 339 eP 38 04.52 -0.1
eS 38 22.45
TRN 1.45 207 eP 38 04.59 -0.3
eS 38 24.55
TCE 1.59 219 eP 38 06.97 -0.1
eS 38 26.52
S.D. = 0.4 on 5 of 5 obs.

SEP 10, 1992 22h 09m 47.60±0.22s
22.601 S ± 6.6km 175.098 W ± 5.6km
DEPTH = 38.0km (2 depth phases)
5.5mb (38 obs.) 5.5msz (41 obs.)
TONGA ISLANDS REGION (174)

Mo=1.6*10**18 Nm (PPT).
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 19S, 37C
Centroid Location:
Origin Time 22:09:49.7 0.8
Lat 22.57S Lon 174.11W 0.04
Dep 15.0 FIX Half-duration 1.7
Moment Tensor: Scale 10**17 Nm
Mrr=1.93 0.06 Mtt=0.29 0.10
Mff=-2.22 0.10 Mrt=1.29 0.13
Mrf=1.45 0.15 Mtf=-0.76 0.07
Principal Axes:
T Val= 2.82 Plg=64 Azm=334
N 0.24 17 207
P -3.07 20 110
Best Double Couple:Mo=2.9*10**17
NP1:Strike=174 Dip=29 Slip= 54
NP2: 34 69 108

RAO 7.09 200 P 11 30.10 -1.5
eS 12 56.00
VUN 7.57 306 eP 11 41.10 2.7X
RAR 14.29 87 P 12 55.00 -14.4X

1

CLL	150.71	350	iPKPd	33	29.00	5.4X
	1.3s	27.00nm				
VRI	150.90	328	ePKP	33	30.00	5.9X
SPC	150.90	339	ePKP	33	29.70	5.5X
BRG	150.97	348	iPKP	33	29.50	5.5X
	1.0s	16.00nm				
MLR	151.56	328	ePKPc	33	21.00	-4.2X
MOX	151.57	351	e(PKP)	33	31.60	6.7X
PRU	151.70	347	PKPd	33	31.20	6.1X
		e	33	42.50		
		e	34	02.50		
ENN	151.90	359	ePKP	33	32.00	6.6X
	0.9s	9.00nm				
COZ	152.44	330	ePKP	33	33.50	6.9X
GRF	152.55	351	ePKP	33	33.50	7.1X
DOU	152.57	1	PKP	33	33.60	7.3X
KHC	152.70	348	PKP	33	33.00	6.4X
	1.3s	11.50nm				
		e	33	49.50		
		e	35	01.00		
SRO	152.73	340	iPKP	33	37.30	10.7X
WLF	153.00	359	PKP	33	31.00	4.1X
FLN	153.53	8	ePKP	33	35.60	7.9X
LDF	153.75	8	ePKP	33	36.10	8.0X
GRR	153.85	9	ePKP	33	36.40	8.2X
	0.8s	9.80nm				
LPF	154.17	10	ePKP	33	37.20	8.6X
	0.7s	6.50nm				
CDF	154.20	357	ePKP	33	36.70	7.9X
HAU	154.65	358	ePKP	33	38.30	9.0X
BSF	154.81	357	ePKP	33	38.50	8.9X
LJU	155.41	344	e(PKP)	33	39.00	8.6X
SSF	155.58	3	ePKP	33	40.60	10.0X
VBV	155.72	342	e(PKP)	33	40.60	9.8X
BCAO	157.74	218	ePKPc	33	35.80	1.4
	1.6s	26.00nm				
		id	34	07.70		
S.D. = 1.4 on 20 of 53 obs.						
* SEP 10, 1992 23h 20m 29.31±0.37s						
22.431 S ±13.2km 174.870 W ± 8.4km						
DEPTH = 33.3km (12 depth phases)						
5.5mb (26 obs.) 5.4Msz (27 obs.)						
TONGA ISLANDS REGION (174)						
Mo=1.6*10**18 Nm (PPT).						
CENTROID, MOMENT TENSOR (HRV)						
Dato Used: GDSN						
L.P.8.: 19S, 28C						
Centroid Location:						
Origin Time 23:20:32.6 1.6						
Lat 22.42S 0.19 Lon 173.89W 0.07						
Dep 15.0 FIX Half-duration 1.3						
Moment Tensor: Scale 10**17 Nm						
Mrr=-1.36 0.07 Mtt= 0.50 0.15						
Mff=-1.86 0.13 Mrt= 0.68 0.23						
Mrf= 0.45 0.29 Mtf=-0.08 0.06						
Principal Axes:						
T Vol= 1.77 Plg=62 Azm=348						
N 0.16 27 189						
P -1.93 9 94						
Best Double Couple: Mo=1.9*10**17						

S.D. = 1.3 on 80 of 152 obs.

SEP 11, 1992 00h 00m 40.87 ± 0.80s
38.889 N ± 6.8km 29.605 E ± 8.5km

DEPTH = 10.0km (geophysicist)
TURKEY (366)

ALT	0.43	67	iPg	00 48.00	-1.6
			iSg	00 53.00	
KHL	0.57	186	iPg	00 51.50	-1.0
			iSg	01 03.50	
DST	1.04	314	iPn	00 59.50	-1.1
GPA	1.50	21	ePn	01 07.00	-0.9
BCK	1.62	151	ePn	01 11.00	1.3
KCT	1.67	325	ePn	01 11.00	0.8
YLV	1.69	354	iPn	01 11.30	0.7
GYN	1.70	30	eP	01 10.90	0.1
			eS	01 33.90	
NAL	1.86	44	eP	01 14.70	1.6
SGKT	2.53	48	eP	01 27.00	4.1X
DVR	2.93	38	eP	01 33.00	4.7X

S.D. = 1.3 on 9 of 11 abs.

? SEP 11, 1992 00h 16m 51.38±0.79s
22.088 N ±12.5km 142.769 E ±26.3km
DEPTH = 33.0km (narmol)
4.6mb (6 obs.)

VOLCANO ISLANDS REGION (213)

WB2	42.58	192	iPc	24 45.90	-0.1
				20.70nm	5.0mb
ASPA	46.29	191	eP	25 16.00	0.2
				1.2s 7.90nm	4.5mb
PKI	51.96	288	P	26 00.00	-0.1
YKA	76.29	28	eP	28 38.30	0.0
				0.5s 1.80nm	4.3mb
KAF	82.21	335	iP	29 10.90	0.7
				0.5s 1.60nm	4.3mb
NUR	83.77	334	iP	29 18.80	0.5
				0.3s 2.20nm	4.8mb
HFS	88.22	337	eP	29 39.10	-1.2
				0.3s 1.00nm	4.6mb

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

* SEP 11, 1992 00h 30m 34.68±1.60s
37.817 N ±15.2km 20.240 E ±7.8km
DEPTH = 23.4 ± 6.9 km

IONIAN SEA (399)

MD 3.5 (ATH), 3.3 (THE).

VLS	0.45	37	iPg	30 43.80	-0.2
IGT	1.71	2	ePb	31 04.64	1.2
			eSb	31 23.80	
KEK	1.92	350	ePb	31 09.00	2.5
AGG	2.04	53	iPb	31 10.21	2.1
			eSb	31 34.24	
SRN	2.07	355	ePn	31 11.30	2.8
			iSn	31 37.30	
VLI	2.41	116	ePn	31 23.70	10.2X
VLO	2.71	348	ePn	31 23.00	5.3X
ATH	2.75	86	ePb	31 27.10	8.8X
KZN	2.76	25	ePb	31 24.40	6.0X
LIT	2.88	37	ePn	31 20.48	0.4
			eSn	31 51.48	
BERA	2.89	356	ePn	31 27.90	7.7X
FNA	3.09	16	ePn	31 22.60	-0.6
			eSn	31 54.88	
OHR	3.32	7	iPn	31 25.50	-0.9
SOI	3.32	276	P	31 26.60	0.3
			eSn	32 03.60	
TIR	3.54	355	ePn	31 29.50	0.1
TDS	3.56	302	P	31 30.00	0.2
ATN	3.79	277	P	31 33.40	0.4
			eSn	32 15.80	
OUR	3.85	48	ePn	31 33.24	-0.5
SOH	3.85	38	ePn	31 33.44	-0.5
BRT	3.86	323	P	31 33.00	-0.9
PHP	3.87	2	ePn	31 32.50	-1.6
KNT	3.92	31	ePn	31 33.04	-1.8
SRS	4.19	37	ePn	31 37.08	-1.7
BAI	4.21	323	P	31 48.00	9.1X
SKO	4.25	12	ePn	31 42.50	2.9X
			i	31 52.00	
KKS	4.26	2	ePn	31 45.00	5.4X
MEU	4.28	262	P	31 39.50	-0.6
			eSn	32 26.60	
MGR	4.32	304	P	31 39.60	-1.0
			eSn	32 26.60	
SGO	4.71	307	P	31 46.30	0.3
			eSn	32 36.10	
HVAR	6.08	333	e(Pn)	32 02.90	-2.5

S.D. = 1.5 on 22 of 30 obs.

SEP 11, 1992 01h 01m 01.73±0.21s
22.263 S ±7.5km 179.527 W ±4.1km
DEPTH = 605.9km (5 depth phases)
5.3mb (45 obs.)

SOUTH OF FIJI ISLANDS (171)

SVA	4.54	335	iPc	02 29.90	-2.0
VUN	4.64	336	iPc	02 31.10	-1.5
BKM	12.37	290	iPc	03 45.30	1.2
DZM	13.00	268	Pc	03 50.00	-0.3
			iS	06 14.10	
			i	11 13.40	
BRS	25.62	253	iPc	05 45.30	-1.7
			e(S)	09 37.00	
			iScP	11 43.00	
ARMA	27.04	246	iPd	06 00.30	0.9
				0.9s 124.00nm	5.5mb
TBI	27.72	98	iP	06 04.60	-0.6
				0.8s 80.00nm	5.4mb
AFR	28.34	86	iP	06 09.50	-1.1
				0.7s 95.00nm	5.5mb
PAE	28.49	86	iP	06 10.70	-1.2
				0.7s 40.00nm	5.2mb
PPT	28.52	86	iP	06 11.00	-1.2
				0.7s 60.00nm	5.3mb
TVO	28.77	87	iP	06 13.20	-1.2
				0.7s 95.00nm	5.5mb
RMQ	29.15	255	iPd	06 18.00	0.4
				0.9s 209.00nm	5.8mb
			i	06 32.10	57kmX
			ePcP	09 06.00	
			eS	10 32.00	
			iScP	11 54.00	
CNB	30.07	237	iPc	06 26.00	0.6
				0.5s 100.00nm	5.7mb
CAN	30.36	238	iPd	06 28.30	0.5
BWA	30.57	240	iPd	06 28.00	-1.6
			e	08 04.60	
PMO	30.79	82	iP	06 30.30	-1.1
				1.1s 155.00nm	5.5mb
VAH	30.96	83	iP	06 31.50	-1.4
				1.1s 155.00nm	5.5mb
TPT	31.05	82	iP	06 32.60	-1.0
				1.1s 210.00nm	5.7mb
RUV	31.20	83	iP	06 33.70	-1.2
				1.1s 210.00nm	5.7mb
CTA	31.94	267	iPd	06 41.00	-0.2
				0.5s 49.30nm	5.4mb
			iS	12 02.50	
			eScP	16 04.00	
CMS	32.13	246	iPd	06 43.00	0.4
				0.9s 93.00nm	5.4mb
OLP	33.20	255	iPd	06 51.80	0.1
				0.4s 86.00nm	5.7mb
TOO	33.72	235	iPd	06 56.70	0.7
				0.5s 84.00nm	5.6mb
PMG	34.41	286	eP	07 01.00	-0.8
STK	35.76	246	iPd	07 13.50	0.7
				0.6s 37.30nm	5.2mb
			eS	12 00.50	
			iScP	12 16.50	
MDG	37.56	292	eP	07 27.00	-0.6
ASPA	42.76	259	iPd	08 08.70	-0.5
				0.8s 233.20nm	5.8mb
			iS	13 49.80	
			iScS	17 06.00	
WB2	42.96	264	iPd	08 09.70	-1.1
				0.7s 182.50nm	5.7mb
			iScP	12 45.00	
			iS	13 51.90	
WRA	42.97	264	P	08 09.89	-1.0
MTN	47.79	273	iPd	08 46.00	-1.8
				0.6s 224.00nm	5.9mb
WARB	48.96	254	iPd	08 55.10	-1.3
KNA	49.13	268	eP	08 56.90	-0.8
SWI	52.36	287	iPd	09 19.00	-2.2
KUG	55.64	273	eP	09 45.60	1.4
			e	12 00.00	776kmX
MBL	56.01	259	iPd	09 45.20	-1.4
				0.5s 125.00nm	5.5mb
MEEK	56.01	252	eP	09 45.00	-1.7
KLB	56.03	246	iPd	09 45.00	-0.9
RKG	56.34	242	eP	09 48.00	-0.8
MRWA	57.87	249	iPc	09 58.60	-0.7
				0.6s 36.00nm	4.8mb

NANU	59.58	256	iPd	10 10.30	-0.3
				0.5s 106.00nm	5.3mb
KHKI	63.65	272	ePc	10 34.80	-2.3
			e	12 14.00	473kmX
SPA	67.87	180	iPc	11 04.70	2.1
				0.8s 16.25nm	4.6mb
			i	13 05.20	595kmX
CHJJ	70.02	325	P	11 14.40	-1.0
MAT	70.80	325	eP	11 18.00	-2.0
				0.7s 26.03nm	4.9mb
OFUJ	71.01	329	eP	11 20.40	-0.7
MTMJ	71.05	325	P	11 20.70	-0.8
TSRJ	71.28	323	P	11 22.30	-0.4
AOMJ	72.79	329	eP	11 32.80	1.5
ADK	73.87	2	iPd	11 35.21	-1.8
				0.6s 22.48nm	4.9mb
ASAJ	74.59	333	eP	11 41.80	0.5
MAW	79.43	200	P	12 08.80	1.9
AIA	79.91	157	eP	12 10.70	1.3
NJ2	79.92	311	Pd	12 10.50	0.4
				1.0s 44.00nm	4.9mb
QIZ	80.29	295	P	12 12.50	0.2
ARN	80.58	43	iPc	12 14.30	0.9
ABL	80.61	46	iPd	12 14.56	0.7
MDJ	81.15	326	iPd	12 16.60	0.5
				1.0s 35.00nm	4.8mb
PLM	81.38	49	iPc	12 18.40	0.6
			eP	14 27.78	613km
PEC	81.47	48	ePc	12 17.37	-0.7
				0.9s 6.28nm	4.1mb X
ISA	81.58	46	ePc	12 19.08	0.5
				1.4s 55.75nm	4.9mb
CMB	81.72	43	P	12 19.64	0.4
ORV	81.93	41	iPc	12 20.51	0.3
			(pP)	14 32.10	626kmX
WHN	82.36	307	P	12 23.20	0.8
GLA	82.65	50	ePc	12 24.66	0.7
			eP	14 35.69	621kmX
SNY	82.65	321	iPd	12 23.60	-0.1
				0.8s 44.00nm	5.0mb
LBFM	82.79	40	iPc	12 25.23	0.5
CN2	82.84	323	iPd	12 24.80	0.2
				1.6s 190.00nm	5.4mb
BONR	83.00	44	iPc	12 26.50	0.5
SNG	83.39	280			

LRM	90.97	40 eP	13 03.40	0.0		e	22 09.70		CTT	2.34 338 iPn	32 39.50	-1.1	
GOL	92.55	48 P	13 11.36	0.6		e	22 15.80		SGKT	2.47 49 eP	32 46.00	3.4X	
	1.0s	7.11nm		4.7mb		e	22 19.90		BBTK	2.59 70 eP	32 49.00	4.7X	
LZH	92.71	308 Pd	13 12.50	1.0		e	22 26.70		DVR	2.85 40 eP	32 53.60	5.6X	
	1.0s	50.00nm		5.5mb					S.D.	= 1.2 on 11 of 14 obs.			
RSSD	95.40	44 ePc	13 22.71	-0.9		KDZ	151.51 319 ePKPd	19 49.00	6.5X	SEP 11, 1992 03h 29m 05.10± 0.16s			
	0.8s	3.82nm		4.7mb		RZN	151.91 319 iPKP	19 50.00	6.7X	46.016 N ± 1.5km	7.251 E ± 1.8km		
		ePP	15 34.75	608km		DOU	152.03 354 PKP	19 50.30	7.4X	DEPTH = 5.0km (geophysicist)	(544)		
GTA	96.99	310 P	13 31.00	0.3		WLF	152.29 352 PKP	19 51.00	7.7X	SWITZERLAND			
	2.0s	40.00nm		5.4mb		MMB	152.56 320 iPKPd	19 51.00	7.0X	ML 2.9 (LDG), 2.7 (GEN).			
		pP	15 37.00	573kmX		SKO	153.64 323 ePKP	19 53.50	8.1X				
PKI	104.24	294 Pd diff	14 00.00	-3.7X			1.5s 58.00nm	i 20 10.50		DIX	0.13 60 ePd	29 08.90	0.9
MAIO	127.39	299 ePKP	19 01.00	0.6				e 22 10.00		EMS	0.23 284 ePd	29 10.60	0.8
		e	21 05.00			LJU	153.66 338 e(PKP)	19 53.50	8.2X	MMK	0.50 86 ePd	29 14.90	-0.2
KEV	129.91	348 ePKP	19 02.00	-2.0				e 22 15.00		LSD	0.56 187 P	29 16.41	0.0
		eSKP	21 30.00			VBY	153.86 336 ePKP	19 45.60	0.0		S	29 23.07	
KAF	136.43	343 ePKP	19 16.70	0.1				iPKPbc19 54.30		LPL	0.62 216 Pg	29 17.70	0.2
	0.6s	5.90nm						iPKPab20 09.70			Sg	29 26.00	
NUR	138.20	342 iPKP	19 20.90	1.0		VOY	153.89 338 ePKP	19 53.50	7.7X	LPG	0.62 214 Pg	29 17.80	0.2
	0.5s	7.80nm				OHR	154.57 322 ePKP	19 56.00	9.2X		Sg	29 26.30	
		iSKP	21 58.90				0.9s 83.00nm	i 20 13.30		ORO	0.64 127 P	29 17.50	-0.5
HFS	141.03	350 ePKP	19 18.00	-7.0X				i 22 12.50			eSg	29 25.20	
EKA	146.86	4 PKPc	19 37.30	2.4		BCAO	155.10 227 iPKPc	19 48.30	0.1	RSP	0.86 180 P	29 21.81	-0.5
	0.9s	13.70nm					0.5s 5.00nm	ic 20 17.60			S	29 34.82	
BHL	147.02	298 PKP	19 38.00	2.0				ic 22 10.20		BNI	1.04 203 P	29 25.10	-0.3
HRI	147.07	297 ePKP	19 34.20	-1.9							eSg	29 36.60	
CLI	147.48	325 ePKPc	19 39.50	3.2X		S.D.	= 1.1 an 114 of 151 obs.			TMA	1.13 85 ePd	29 27.00	0.1
JVI	147.61	295 ePKP	19 35.50	-1.5		& SEP 11, 1992 01h 31m 19.50s				RRL	1.14 197 P	29 26.93	-0.2
VRI	148.21	324 ePKPc	19 40.50	3.1X		38.798 N		-122.747 W			S	29 41.80	
OJC	148.24	336 iPKPc	19 41.40	4.1X		DEPTH = 1.0km				BHB	1.17 180 P	29 27.51	0.0
SAGI	148.42	292 ePKP	19 37.30	-1.0		NORTHERN CALIFORNIA		(36)			S	29 43.15	
CSS	148.65	301 ePKP	19 43.00	4.5X		<BRK>. ML 3.6 (BRK). Felt in The				LOMF	1.37 348 Pn	29 31.68	0.8
PSN	148.67	320 iPKP	19 43.00	4.8X		Geysers area.					Pg	29 32.89	
MLR	148.87	324 iPKPd	19 42.50	3.9X							Sg	29	

BGF	3.10	282	Pn	29	55.60	0.0
			Sg	30	44.50	
MAF	3.26	275	Pn	29	57.90	-0.1
			Sg	30	48.50	
HYF	3.41	293	Pn	30	00.20	0.1
			Sn	30	38.90	
			Sg	30	53.20	
TCF	3.51	276	Pn	30	01.30	-0.2
			Sn	30	40.50	
			Sg	30	56.30	
PGF	3.69	159	Pn	30	03.80	-0.3
CAF	3.81	255	Pn	30	05.40	-0.3
			Pg	30	17.60	
			Sg	31	04.50	
LSF	3.98	275	Pn	30	08.40	0.2
RJF	4.08	262	Pn	30	09.70	0.2
			Sg	31	14.40	
LPO	4.48	255	Pn	30	14.60	-0.6
			Sg	31	27.30	
LFF	4.70	259	Pn	30	17.40	-1.0
			Sg	31	34.20	
MFF	5.16	279	Pn	30	24.50	-0.3

S.D. = 0.5 on 49 of 53 obs.

* SEP 11, 1992 03h 54m 14.19±0.97s
 32.081 S ± 5.0km 71.770 W ±15.4km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.6 (SAN).

IHA	0.95	173	iPc	54	30.80	-0.4
			iS	54	42.60	
ROCH	1.10	144	iPd	54	33.24	-0.2
JACH	1.16	121	iPd	54	34.54	0.2
			iS	54	49.78	
LCCH	1.40	173	iP+	54	37.16	-0.5
PEL	1.40	139	iP+	54	38.05	0.4
			iS	54	55.17	
SAN	1.66	146	iPd	54	41.58	0.2
			iS	55	01.65	
TACH	1.72	156	iPd	54	42.63	0.4
FCH	1.76	135	iP+	54	43.51	0.3
PCH	1.86	146	iPd	54	44.64	0.2
			iS	55	07.18	
LNV	1.89	171	iP	54	45.63	0.9
CHCH	2.07	153	iP+	54	47.65	0.3
TLL	2.08	24	iP+	54	50.00	2.3
			iS	55	21.00	
CACH	2.26	155	iPd	54	51.18	1.1
MOZ	2.59	109	eP	55	01.80	7.0X
			i	55	09.50	
			iS	55	33.50	
ZON	2.69	79	eP	55	00.50	4.4X
ARE	15.55	1	eP	58	09.00	16.0X
CNCB	15.59	14	eP	57	54.00	0.3
LPB	15.83	13	P	58	04.00	7.3X
ZOBO	16.07	13	P	58	01.00	1.1
SIV	18.74	34	(P)	58	34.00	1.3
			e	58	41.00	
PPD	20.76	66	eP	58	52.60	-2.1
BAO	27.12	58	Pc	59	55.00	-1.4
			e	00	04.10	32kmX
			e	00	11.00	
BDF	27.17	59	Pd	59	54.10	-2.7
			e	00	12.00	78kmX
LAT	126.62	231	ePKP	13	14.50	-1.9

S.D. = 1.3 on 20 of 24 obs.

SEP 11, 1992 03h 57m 26.50±0.11s
 6.087 S ± 2.1km 26.651 E ± 2.7km
 DEPTH = 10.8km (geophysicist)
 6.7mb (136 obs.) 6.5Msz (52 obs.)
 ZAIKE (567)

Ms 7.0 (BRK). Mo=3.2*10**18 Nm
 (PPT). Eight people killed, 37
 injured and several buildings
 destroyed at Kobolo. Felt at
 Bujumbura, Burundi. Depth from
 broadband displacement
 seismograms.

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 68 Dip=67 Slip=-90
 NP2: 248 23 -90

Principal Axes:
 T P1g=22 Azm=158
 P 68 338

Comment: The focal mechanism is

poorly controlled and
 corresponds to normal
 faulting. The preferred fault
 plane is not determined.

RADIATED ENERGY

No. of sta: 11 Focal mech. M
 Energy 1.5±0.2*10**14 Nm

MOMENT TENSOR SOLUTION

Dep 10 No. of sta: 15
 Moment Tensor: Scale 10**18 Nm
 Mrr=-3.03 Mtt= 0.15
 Mff= 2.89 Mrt=-1.90
 Mrf= 0.37 Mtf= 3.54

Principal axes:

T Vol= 5.39 P1g= 5 Azm=126
 N -0.88 38 220
 P -4.51 51 29

Best Double Couple:Mo=4.9*10**18

NP1:Strike=182 Dip=52 Slip=-142

NP2: 66 61 -45

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 32S, 84C M.W.: 17S, 25C

Centroid Location:

Origin Time 03:57:32.1 0.2

Lat 5.91S 0.02 Lon 26.42E 0.02

Dep 15.0 BDY Half-duration 3.8

Moment Tensor: Scale 10**18 Nm

Mrr=-2.46 0.03 Mtt= 1.03 0.03

Mff= 1.42 0.04 Mrt=-1.77 0.11

Mrf=-0.45 0.11 Mtf= 2.45 0.03

Principal Axes:

T Vol= 4.06 P1g=14 Azm=135
 N -0.78 24 232
 P -3.28 62 18

Best Double Couple:Mo=3.7*10**18

NP1:Strike=196 Dip=38 Slip=-132

NP2: 65 63 -63

KRI	11.06	165	iPn	00	02.80	-5.1X
			iSn	02	01.00	
NAI	11.20	65	ePnd	00	05.90	-4.0X
			eSn	02	06.20	
			Lg	03	14.90	
SONG	11.21	148	ePn	00	05.10	-4.7X
			ePg	00	08.80	
			eSn	02	06.80	
			eSg	03	13.30	
BCAO	13.22	322	iPd	00	32.00	-4.9X
	1.5s	388.00nm			6.3mb	
			iS	02	59.00	
			Lg	03	14.00	
BUL	14.10	172	ePd	00	42.00	-6.6X
			i	03	12.00	
WIN	18.80	208	iPc	01	47.00	-1.5
			S	05	16.00	
AAE	19.27	39	iP	01	57.00	2.5
			S	05	48.00	
SLR	19.60	176	iPc+	01	53.00	-5.1X
	1.5s	2388.89nm			6.3mb	
			S	05	26.00	
BPI	20.02	176	iPc	02	01.10	-1.5
KIM	22.61	184	iPc	02	26.00	-2.8
BLF	22.90	181	iPc	02	27.50	-4.2X
			S	06	48.60	
ARO	23.79	43	iPd	02	43.00	2.7
HVD	24.41	182	eP	02	42.60	-3.8X
			S	07	35.60	
TUH	27.96	193	iPd	03	19.00	-0.1
	1.5s	1444.44nm			6.5mb	
BLE	28.65	194	iPc	03	25.00	-0.4
AGMR	30.00	11	iPd	03	38.00	0.5
ASKO	30.09	11	iP	03	39.00	0.7
AGRW	30.16	11	iPd	03	39.20	0.3
AKUR	30.39	11	iPd	03	41.40	0.4
ASW	30.59	11	iP-	03	44.00	1.2
			eS	10	12.00	
WAJH	33.48	16	iPd	04	09.00	1.0
KIC	33.68	291	Pd	04	08.52	-1.4
	1.4s	2230.00nm			6.9mb	
			S	09	30.00	
LIC	33.90	291	Pd	04	10.22	-1.6
	1.0s	808.50nm			6.6mb	
TIC	34.04	291	Pd	04	11.68	-1.4
BADA	35.34	13	iPd	04	24.33	0.4
AYN	35.90	14	iPd	04	29.33	0.6
QASM	35.94	26	iPd	04	30.80	1.6

HLW	36.02	7	iPc+	04	29.70	0.0
HQL	36.07	13	iP	04	29.67	-0.5
KOT	36.15	8	eP	04	29.50	-1.3
RYD	36.27	32	iPd	04	33.00	1.0
MBH	36.52	12	iPd	04	34.60	0.6
MJMA	36.55	29	iPd	04	35.67	1.3
DSI	38.36	12	iPd	04	49.90	0.5
DHR	39.44	34	iPd	05	00.40	1.9
ATZ	39.55	11	iPd	05	00.00	0.6
HRI	40.08	12	iPd	05	04.40	0.5
BHL	40.68	12	Pd	05	08.00	-0.7
			PP	06	44.00	
			S	11	20.00	
PPCY	41.10	7	eP	05	12.00	-0.1
NPS	41.14	359	iPd	05	13.30	0.9
CSS	41.31	8	eP	05	14.80	1.0
FAM	41.45	9	eP	05	15.80	0.9
MART	42.40	340	iPc	05	23.50	0.8
SGNT	42.61	339	iPc	05	25.00	0.5
ELL	42.72	4	iP	05	27.00	1.5
KDS	42.84	296	iPc	05	26.30	-0.3
MEDT	43.00	339	iPc	05	28.00	0.4
BCK	43.48	5	iP	05	33.10	1.5
ADAT	43.69	10	iPc	05	33.80	0.6
OAR	43.92	338	iPd	05	36.00	0.8
SYA	43.99	339	iPd	05	37.00	1.2
GAZ	44.15	12	iP	05	38.00	1.1
KHL	44.26	3	iP	05	39.50	1.6
MEU	44.34	347	Pd	05	39.30	0.7
VLS	44.40	353	iPd	05	39.80	0.9
KER	44.63	24	iPd	05	42.00	1.0
ZGN	44.99	341	iPd	05	44.00	0.1
SOI	45.03	348	Pd	05	44.60	0.6
ALT	45.03	4	iP	05	45.60	1.5
AGG	45.06	355	iPd	05	44.26	0.0
MBZ	45.10	342	iPd	05	45.20	0.6
PRK	45.10	360	iPd	05	45.10	0.5
MCT	45.15	345	P	05	46.60	1.3
MNO	45.18	347	Pd	05	46.70	1.2
ATN	45.23	348	Pd	05	46.30	0.6
MSI	45.26	348	P	05	46.70	0.9
DST	45.50	2	iP	05	48.70	0.9
EZN	45.68	360	iP	05	49.60	0.5
CRZF	45.70	156	iPc	05	59.00	9.7X
			iPP	07	46.00	
			ePPP	08	39.00	
			e	11	29.00	
			iS	12	32.00	
			iSS	16	00.00	
			eSSS	17	20.00	
KCHT	45.72	341	iPd	05	49.50	-0.1
IGT	45.76	353	eP	05	50.10	0.3
LVI	45.83	344	Pd	05	51.00	0.7
PAIG	45.87	357	eP	05	50.38	-0.2
KEK	46.01	353	iPd	05	52.10	0.4
BBTK	46.05	7	iPd	05	53.00	0.8
LIT	46.12	356	iPd	05	52.29	-0.3
KCT	46.13	2	iP	05	54.00	1.3
SRN	46.15	353	iPd	05	53.00	0.2
EDC	46.22	1	iP	05	53.50	0.2
8NT	46.23	1	iP	05	54.00	0.6
NAL	46.26	5	iP	05	55.10	1.2
GYN	46.36	4	iP	05	55.70	1.1
KZN	46.38	355	iPd	05	54.90	0.1
YLV	46.49	3	iP	05	56.50	0.9
TDS	46.50	349	Pd	05	56.50	0.8
EYL	46.53	4	iP	05	57.10	1.1
THE	46.61	356	iPd	05	56.82	0.4
SGKT	46.69	6	eP	05	58.10	0.7
ALN	46.76	359	iPd	05	57.90	0.3
SOH	46.77	357	iP	05	57.98	0.1
VLO	46.79	353	iPd	05	58.00	0.1
FNA	46.89	355	iP	06	03.21	4.4X
BERA	46.96	353	iPc	05	59.50	0.2
ISK	46.97	2	iP	05	59.60	0.3
GRG	46.97	356	eP	05	59.38	0.0
TRHT	47.03	10	iP	06	00.40	0.4
CTT	47.03	2	iP	06	00.50	0.7
SRS	47.06	357	iPd	05	59.38	-0.6
MGR	47.12	348	Pd	05	59.70	-0.8
KNT	47.14	356	iPd	06	01.30	0.6
CTK	47.15	8	iP	06	00.70	-0.2
DVR	47.27	6	iP	06	01.60	-0.2
OHR	47.27	354	iPd	06	02.10	0.3
	1.8s	3244.00nm				7.1mb
			i	06	20.70	
			i	07	33.00	

STV	53.04	343	P	06	45.78	-0.2
GGC	53.10	312	iPd	06	48.60	2.0
VOY	53.12	349	iPd	06	46.00	-0.5

		isP	06	50.50			1.5s	973.00nm	6.6mb	BAF	56.42	344	iPd	07	10.40	-0.1					
		iPcP	07	44.00				i	07	07.50		1.3s	1386.30nm			6.8mb					
DOI	53.30	343	Pd	06	46.50	-1.3	MADF	54.97	336	P	07	00.05									
TRGS	53.32	337	P	06	48.25	0.1	LLS	55.00	345	ePd	06	59.20	-1.3	RAC	56.42	353	iPd-	07	10.10	-0.2	
PZZ	53.35	343	P	06	47.21	-1.0	BOH	55.01	335	P	07	00.79	0.3		1.5s	3.20nm				4.1mb X	
VVI	53.37	348	Pd	06	48.20	0.0	KMR	55.03	350	iP-	07	00.00	-0.4	Z	17s	28.00um				6.4MsZ X	
EVAL	53.45	327	iPd	06	48.74	-0.1	ELyf	55.06	336	P	07	00.64	-0.1			i	09	17.00			
SAL	53.44	346	P	06	47.90	-0.8	TBT	55.09	311	iPd	07	01.60	0.5			eS	14	56.00			
CTI	53.60	347	P	06	52.10	2.1	LBL	55.23	340	P	07	01.91	0.0	BSF	56.47	344	P	07	10.26	-0.6	
ETOR	53.60	333	iPd	06	50.70	0.6	ECRI	55.25	334	iPd	07	02.04	-0.1	TCF	56.50	340	iPd	07	11.40	0.3	
BHB	53.61	343	P	06	48.13	-1.8	COLF	55.33	341	P	07	02.44	-0.2		1.5s	1554.40nm				6.8mb	
LSPF	53.73	338	P	06	51.28	0.4	SPC	55.33	355	iPd	07	03.10	0.4	BGF	56.52	340	iPd	07	11.30	0.1	
BUD	53.76	354	eP	06	50.20	-0.8			i	07	43.70			1.9s	2158.00nm					6.9mb	
TOL	53.79	331	iPd	06	52.10	0.7			e	08	03.30		LBF	56.53	342	iPd	07	10.60	-0.7		
	1.4s	4837.21nm				7.3mb				09	04.50			1.6s	1044.75nm					6.6mb	
		iPcP	07	38.00			CAF	55.37	339	iPd	07	03.20	0.3	LIBD	56.55	345	P	07	11.08	-0.2	
		iS	14	25.00				1.5s	1449.95nm					AVF	56.56	341	iPd	07	11.30	-0.1	
RRL	53.82	343	P	06	51.42	-0.4	LPO	55.48	338	iPd	07	03.00	0.1		1.7s	2693.85nm				7.0mb	
SALF	53.84	337	P	06	52.39	0.6		1.7s	3023.25nm					PAF	56.57	147	eP	07	22.00	10.6X	
FVI	53.88	348	Pd	06	52.10	0.3	LIS	55.57	326	iPd	07	05.50	1.1			ePP	09	22.00			
RSP	53.89	343	P	06	50.49	-1.7	FUR	55.69	348	iPd	07	04.40	-0.8			eS	15	12.00			
BNI	53.97	343	Pd	06	52.30	-0.5		1.8s	2410.00nm							eSS	19	02.00			
EGRA	53.97	335	iPd	06	50.97	-1.6	Z	12s	34.00um							eSSS	21	08.00			
GBA	54.08	68	P	06	52.30	-1.5			eS	14	47.30		LSF	56.70	339	iPd	07	12.60	0.1		
PSZ	54.10	354	iPd	06	53.30	-0.3	Lvv	55.72	358	iP	07	04.00	-1.3		1.7s	1576.30nm				6.8mb	
ORO	54.12	344	Pd	06	51.60	-2.2	Z	16s	15.70um					ECH	56.72	345	P	07	11.98	-0.6	
LSD	54.20	343	P	06	53.88	-0.7	N	16s	21.60um					HAU	56.75	344	iPd	07	12.30	-0.5	
KBA	54.23	349	iPd	06	54.60	-0.1	E	16s	13.40um						1.7s	1470.45nm				6.7mb	
	1.6s	1300.00nm				6.7mb			i	07	57.00		Z	18s	22.00um					6.3MsZ	
		i	07	03.20					e	09	07.00		SSF	56.75	341	iPd	07	12.20	-0.6		
TMA	54.32	345	ePd	06	53.90	-1.5			iS	14	49.00			1.3s	571.85nm					6.4mb	
LPG	54.35	343	iPd	06	55.40	-0.4			iPS	15	01.00		LOR	56.82	342	iPd	07	12.70	-0.6		
	1.5s	1140.75nm				6.7mb	ZLA	55.73	345	ePd	07	04.60	-0.9		1.7s	1417.50nm				6.7mb	
LPL	54.38	343	iPd	06	55.40	-0.5	PLDF	55.75	341	P	07	05.49	-0.2	Z	20s	34.00um				6.4MsZ	
	1.0s	252.80nm				6.2mb	PYM	55.76	340	P	07	06.04	0.3	PRU	56.83	351	iPd	07	12.00	-1.3	
EPF	54.41	336	iPd	06	56.40	0.5	VRAC	55.86	352	iPd	07	05.50	-0.8		2.0s	1177.10nm				6.6mb	
	1.0s	643.20nm				6.6mb		2.1s	8816.20nm				Z	19s	23.00um					6.3MsZ	
GUD	54.44	331	iPd	06	56.33	0.1	GEC2	55.86	350	e(P)	07	22.20	15.7X		N	20s	17.50um				
MMK	54.52	344	ePd	06	55.40	-1.5		0.8s	74.20nm					E	17s	15.50um					
OGA	54.52	347	iPd	06	57.00	0.1	GEC2	55.86	350	e(P)	07	12.60	6.1X			i	07	16.90			
VDL	54.53	345	ePd	06	56.30	-0.7		0.4s	2.10nm							PcP	08	00.00			
OSS	54.55	346	ePd	06	56.60	-0.5	GEC2	55.86	350	ePd	07	05.80	-0.7			PP	09	18.00			
RSL	54.56	343	P	06	55.91	-1.3		0.8s	67.29nm							PPP	10	40.00			
UZH	54.62	356	iPd-	06	58.00	0.7			e	07	11.90				S	15	03.00				
	1.3s	2400.00nm				7.1mb			e	07	14.40				SS	19	04.00				
Z	15s	16.00um				6.2MsZ X			e	07	16.80		WLS	56.85	345	P	07	12.80	-0.8		
N	15s	22.00um							e	07	20.60		CDF	56.87	345	P	07	12.85	-0.9		
E	15s	30.00um							e	07	38.00		STR	56.90	345	P	07	13.32	-0.5		
		i	07	02.50			LFF	55.87	338	iPd	07	06.70	0.3	VITF	57.04	344	P	07	14.48	-0.4	
		i	08	00.00				0.9s	877.95nm				GRF	57.15	348	iPd	07	15.30	-0.3		
		i	09	00.00			RJF	55.89	339	iPd	07	06.80	0.1		1.6s	2012.00nm				6.9mb	
		ePPP	10	10.00				1.6s	1840.80nm				Z	17s	21.00um					6.3MsZ X	
		iS	14	34.00			Z	18s	39.00um						eS	15	06.60				
		iPS	14	55.00			BBS	55.94	344	P	07	06.51	-0.5	HOFF	57.19	345	P	07	15.58	-0.2	
		i	16	50.00			SLE	55.96	345	ePd	07	06.30	-0.8	SRBF	57.19	345	P	07	14.54	-1.3	
CHIE	54.63	310	iPd	07	00.10	2.3	AGO	55.98	340	P	07	07.67	0.4	ERUA	57.22	331	iPd	07	16.19	0.0	
DIX	54.70	344	ePd	06	57.20	-1.1	LOMF	56.02	344	P	07	07.30	-0.3	LANF	57.26	345	P	07	15.84	-0.6	
LHE	54.70	336	P	06	58.40	0.3	KHC	56.16	350	iPd	07	08.00	-0.6	KSP	57.40	352	iPd	07	16.40	-0.9	
JAU	54.70	336	P	06	58.47	0.3		1.5s	1149.90nm						1.8s	1040.00nm				6.6mb	
ZST	54.70	352	iPd	06	57.50	-0.4		Z	14s	38.80um						i	09	22.00			
	1.6s	876.00nm				6.5mb		N	14s	31.00um						i	10	54.50			
		i	07	28.80				E	14s	18.80um						eS	15	10.00			
		e(S)	17	46.00					e	07	33.50				e	37	01.00				
WTTA	54.76	348	iPd	06	58.10	-0.5			ePP	09	13.50				e	37	12.40				
	1.5s	1264.00nm				6.7mb	FEL	56.19	345	P	07	08.32	-0.6	MFF	57.61	338	iPd	07	18.70	-0.1	
		i	07	06.70			CHAF	56.25	345	P	07	08.62	-0.5		1.7s	2229.20nm					6.9mb
SQTA	54.81	347	iPd	06	58.30	-0.6	SMF	56.27	341	iPd	07	09.10	-0.3	HOF	57.61	349	iPd	07	18.10	-0.7	
	1.4s	951.00nm				6.6mb		1.8s	2499.70nm				BRG	57.78	351	iPd	07	18.80	-1.2		
		i	07	06.80			WET	56.30	349	iPd	07	08.90	-0.7		1.8s	1050.00nm					6.6mb
EMS	54.82	343	ePc	06	58.20	-0.9	Z	14s	52.00um							iS	15	20.00			
SSB	54.84	341	P	06	59.13	0.1	MAF	56.32	340	iPd	07	10.20	0.5			eP'P'	37	16.00			
WATA	54.84	348	iPd	06	58.40	-0.8		1.6s	2726.35nm					EZAM	57.81	329	iPd	07	20.45	0.2	
		i	07	09.90			HYB	56.33	65	ePd	07	08.00	-2.3	MOX	57.98	349	iPd	07	20.90	-0.5	
OGE	54.85	336	P	06	59.60	0.5		1.6s	307.70nm						2.0s	1712.00nm					6.7mb
ISSF	54.86	336	P	06	59.60	0.2			e	08	06.00			Z	18s	14.00um					6.1MsZ
ATE	54.87	336	P	06	59.60	0.3			eS	14	56.00			N	19s	24.00um					
VKA	54.88	352	iPd	06	59.10	-0.2			eP'P'	37	12.50			E	18s	11.00um					
	2.0s	4179.00nm				7.1mb	OJC	56.39	355	iPc	07	09.40	-0.7			eS	15	26.00			
Z	12s	22.40um				6.5MsZ X		1.8s	1750.00nm						pPKP	37	15.70				
		i	07	06.60				Z	22s	26.20um				EMON	58.09	331	iPd	07	22.49	0.2	
		iPP	09	02.80				N	17s	25.20um				STS	58.28	330	iPd	07	23.75	0.2	
		iPPP	10	17.00				E	17s	32.60um				WAR	58.30	356	P+	07	22.00	-1.5	

N	20s	94.50um				N	20s	6.04um				BPA	90.34	287	eP	10	30.01	0.4		
		epPc	09	07.45	10kmX	E	20s	11.00um				TIY	90.35	52	Pc	10	30.00	0.6		
		isPc	09	09.36				PP	13	10.00			1.4s	160.00nm			6.1mb			
		PcP	09	20.00				S	20	20.00		Z	21s	20.00um			6.5Msz			
		PP	11	47.00		SPA	83.95	180	iPd	09	57.80	-0.1	N	17s	11.40um					
		S	18	32.00			1.1s	619.05nm			6.7mb	E	20s	12.00um						
		SS	23	20.00		Z	17s	10.98um			6.3MszX		PP	14	02.50					
KHT	74.25	73	iPd	09	05.50	-0.5	AIA	84.90	205	eP	10	04.30	1.8	CPB	90.37	288	eP	10	29.55	-0.2
NNT	74.95	75	iPd	09	10.80	0.7	MOY	85.14	37	iPd	10	05.40	1.6	MGH	90.65	287	eP	10	30.70	-0.3
SNG	74.96	81	eP	09	09.80	-0.4	KBS	85.25	357	iPd	10	05.70	1.7	MBL	90.79	111	eP	10	31.00	-0.6
	1.8s	727.27nm			6.4mb	QIZ	85.56	70	iPd	10	07.63	1.0	CCH	90.86	253	P	10	32.00	-0.4	
		eS	18	49.90		N	17s	5.80um				NEV	91.03	287	eP	10	33.96	1.2		
IPM	75.01	84	ePd	09	10.20	-0.3	E	17s	6.26um			WHN	91.08	60	Pd	10	33.40	0.6		
	2.0s	1592.10nm			6.7mb			esPc	10	12.43			2.0s	470.00nm			6.5mb			
BDT	75.10	70	eP	09	09.80	-1.1		PP	13	25.00		Z	20s	10.60um			6.3Msz			
	1.2s	315.90nm			6.2mb			S	20	32.00		N	22s	8.75um						
CHG	75.36	69	iPd	09	12.00	-0.4	NRI	86.00	18	iPd-	10	08.80	0.9	E	22s	11.60um				
	1.0s	196.25nm			6.1mb		2.2s	1162.00nm			6.7mb		PP	14	09.00					
		eS	18	04.00				i	10	14.00		RTCV	91.21	238	ePc	10	34.30	0.8		
UKR	75.47	34	iPd	09	12.20	-0.2		i	13	32.00		RTLL	91.23	238	ePc	10	33.50	-0.1		
	3.1s	2000.00nm			6.6mb X			i	15	27.00		ZON	91.38	238	e(P)	10	35.00	0.7		
		i	11	56.00				e	20	44.00		RTCB	91.49	238	iPd	10	35.00	0.1		
KEY	75.68	0	iP	09	13.00	-0.1	SIV	86.17	254	P	10	11.00	1.2	TSM	91.66	86	ePd	10	36.50	0.7
	1.0s	356.00nm			6.4mb	ZAK	86.20	39	iPd-	10	10.00	0.8	CUM	91.89	280	iP	10	37.40	0.6	
Z	16s	10.70um			6.2MszX		2.0s	963.00nm			6.6mb	CNCB	92.67	253	iPd	10	41.60	0.5		
		ePP	12	00.00				e	13	31.00		LPB	92.82	253	Pd	10	42.00	0.4		
		ePPP	13	56.00				e	20	35.00			1.5s	1166.67nm			7.1mb			
		eS	18	52.00				eS	21	37.00			Lg	34	49.00					
		eS	23	52.00		MRWA	86.50	119	eP	10	11.00	-0.2	PEL	92.82	236	iP+	10	41.00	0.1	
		LR	44	00.00		NANU	86.67	112	iPd	10	12.50	0.4		1.6s	626.67nm			6.8mb		
TRO	75.74	357	iPd	09	11.10	-2.4		0.6s	79.00nm			6.1mb	CIT	92.87	38	eP	10	40.00	-0.7	
NST	75.87	72	eP	09	14.60	-0.7	ENH	86.88	59	iPd	10	13.31	0.4	ZOBO	92.88	253	iPd	10	40.83	-1.3
PPD	76.60	249	iPd	09	19.70	0.3			isPc	10	18.44		Z	24s	4.78um			5.9MszX		
		e	09	24.50		RKG	86.89	124	eP	10	12.00	-1.0		epPc	10	43.73		9kmX		
		e	09	26.10		BAL	86.99	120	eP	10	13.00	-0.6		esPc	10	45.55				
KGM	76.97	87	ePd	09	21.70	0.1	XAN	87.00	55	iPd	10	13.50	-0.1		SKS	21	28.00			
	1.6s	603.90nm			6.4mb			1.5s	340.00nm			6.4mb	DRV	93.47	159	eP	10	45.00	1.9	
		e	09	28.10			Z	22s	13.40um			6.3Msz		PP	14	27.00				
LOE	77.69	71	eP	09	24.50	-1.0	N	18s	12.30um					SKS	21	01.00				
AKU	78.67	343	iPd	09	32.80	2.9X	E	18s	14.40um					S	21	49.00				
	1.9s	2021.05nm			6.8mb			pP	10	20.00	20kmX			SP	22	00.00				
Z	19s	26.39um			6.6Msz			PP	13	36.00				SS	28	10.00				
REY	78.81	340	iP	09	33.10	2.4		eSKS	20	32.00				SSS	31	29.00				
ITB7	79.15	246	e(P)	09	37.00	3.6X	IRK	87.28	37	iP-	10	14.00	-0.4	BJI	93.51	50	ePd	10	43.67	-0.1
ITB	79.19	246	e(P)	09	32.90	-0.7		2.6s	1283.00nm			6.7mb		1.8s	200.00nm			6.2mb		
ITB1	79.36	246	e(P)	09	32.00	-2.5	Z	18s	14.57um			6.4Msz	Z	20s	22.90um			6.6Msz		
KMI	80.08	63	iPd	09	38.71	0.0	N	18s	5.22um				N	17s	9.90um					
	2.0s	1180.00nm			6.5mb		E	16s	7.98um					esPc	10	48.47				
Z	23s	14.50um			6.3MszX									ePP	14	26.00				
N	16s	3.70um												eSKS	21	15.00				
E	16s	5.40um											TIA	93.93	54	Pd	10	45.50	-0.4	
		ec	09	43.10		KHKI	88.10	98	ePc	10	12.00	-7.1X	Z	22s	10.70um			6.3Msz		
		ec	09	46.33									N	17s	6.90um					
		S	19	44.00		TBH	88.86	281	eP	10	05.70			pP	10	51.70		19kmX		
JNW	80.41	349	eP	09	41.50	2.3	BTO	88.90	49	iPd	10	26.49	3.7X		PP	14	31.50			
GTA	80.99	49	iPd	09	44.50	1.4		1.8s	1050.00nm			6.8mb	ANT	94.02	246	eP	10	48.50	2.1	
	1.0s	950.00nm			6.8mb		N	20s	13.10um				QZH	94.29	65	P	10	48.00	0.4	
Z	20s	26.00um			6.6Msz		E	21s	17.60um				Z	19s	8.21um			6.2Msz		
N	16s	7.71um											N	15s	3.33um					
		PP	12	46.00										PP	14	36.00				
		S	19	50.00		MVM	89.14	285	eP	10	24.92	0.8	CPD	94.29	288	P	10	47.80	0.0	
		SS	25	05.00		SLB	89.20	284	eP	10	26.11	1.7	CAR	94.60	280	iP	10	49.00	-0.4	
UER	81.03	36	iPd	09	41.00	-1.8	TRN	89.21	281	eP	10	26.59	2.2	CLLP	94.92	288	P	10	51.00	0.4
	2.0s	290.00nm			6.0mb	TPP	89.22	280	eP	10	27.14	2.7	PORP	94.97	288	P	10	51.00	0.1	
		e	20	42.00		BIM	89.31	285	eP	10	26.40	1.5	NJ2	95.05	58	Pd	10	50.00	-1.1	
CSY	82.00	156	P	09	57.70	10.1X	GZH	89.33	67	eP	10	25.60	0.8		N	18s	6.63um			
LPA	82.12	236	iP-	09	49.20	0.3		1.6s	280.00nm			6.3mb	E	16s	9.96um					
Z	19s	20.83um			6.5Msz			N	19s	5.66um				PP	14	40.00				
		iS	20	04.00			E	18s	4.58um				LMN	95.34	315	eP	10	53.50	1.4	
CD2	82.13	58	P	09	48.80	-0.3							MGP	95.40	287	(P)	10	51.80	-1.1	
	1.2s	330.00nm			6.3mb								BAG	95.45	74	eP-	10	52.00	-1.4	
Z	20s	15.90um			6.4Msz									e	14	42.00				
E	18s	10.80um				FDF	89.41	285	eP	10	2									

TOV	97.34	279	eP	10	58.50	-3.4X
DL2	97.65	52	P	11	02.00	-0.7
Z	22s	6.11um			6.0Msz	
N	18s	8.94um				
E	20s	9.74um				
SNY	99.18	49	iPd	15	08.00	-0.5
Z	21s	16.80um			6.5Msz	
N	19s	17.00um				
		PP	15	13.00		
		SKS	21	50.00		
		S	22	36.00		
DAV	99.56	84	eP+	11	10.00	-1.8
TIK	99.59	18	eP	11	09.00	-1.8
	1.8s	99.00nm			6.1mb	
		ePP	15	10.00		
		i	17	29.00		
		e	21	46.00		
BNH	99.87	314	eP	11	12.17	-0.5
HRV	100.13	312	ePdiff11	13.77	-0.2	
HRV	100.13	312	Pdiff	11	20.00	6.1X
Z	18s	22.06um			6.7Msz	
BMG	100.35	276	ePdiff11	15.00	-0.7	
CN2	100.53	47	Pdiffd11	15.00	-0.7	
Z	20s	17.40um			6.6Msz	
N	17s	10.30um				
E	17s	2.36um				
		ePP	11	26.00		
BOG	101.11	274	ePdiff11	21.00	1.6	
		e	14	22.00		
YAK	101.47	28	ePdiff11	17.40	-2.0	
	2.4s	214.00nm			6.3mb	
PNJ	102.12	310	iPdiff11	20.90	-1.9	
JAQ	102.19	324	ePdiff11	24.00	1.2	
RSNY	102.21	314	Pdiff-11	19.34	-3.8X	
Z	20s	14.20um			6.5Msz	
		PP	15	34.04		
		SP	24	34.75		
		SS	30	23.28		
		SKKS	34	58.35		
ASPA	103.20	116	iPdiff11	27.90	-0.2	
	1.4s	9.50nm			5.4mb X	
Z	21s	26.10um			6.7Msz	
		ePP	15	36.60		
		eS	22	04.70		
		ePKKP	27	30.30		
MDJ	103.46	46	ePdiff11	28.60	-0.1	
Z	18s	15.00um			6.6Msz	
N	16s	5.49um				
E	17s	13.30um				
		PP	15	41.60		
WRA	104.39	112	Pdiff	11	33.00	-0.4
WB2	104.40	112	iPdiff11	33.10	-0.4	
	0.8s	4.50nm			5.4mb X	
		ePP	14	55.40		
		ePKKP	27	19.60		
EEO	105.19	317	ePdiff11	39.50	3.1X	
CEH	106.29	305	ePKP	15	55.55	2.3
Z	20s	18.31um			6.6Msz	
		iPP	16	03.76		
		SP	25	36.95		
MCWV	106.55	309	PKP	16	00.00	6.4X
Z	21s	19.43um			6.6Msz	
BLA	107.25	307	ePKP	15	56.19	1.1
		ePP	16	10.31		
MBC	107.43	352	ePdiff11	46.00	0.3	
	1.6s	27.00nm			6.1mb	
NAV	107.53	307	ePKP	15	55.72	0.1
		iPP	16	11.70		
		e	16	36.00		
HBF	107.57	302	(PKP)	15	54.42	-1.3
		iPP	16	16.37		
		e	16	53.09		
SGS	107.66	303	(PKP)	15	58.06	2.2
		i	16	19.53		
OIS	109.07	114	ePKP	15	57.90	-1.0
GBTN	110.46	306	(PKP)	15	57.14	-4.0X
		iPP	16	32.68		
MAT	110.90	53	(PKP)	16	02.00	0.0
Z	20s	7.45um			6.3Msz	
MGD	111.77	27	ePdiff12	00.00	-5.3X	
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KVN	134.30	321	ePKP	16 51.43	1.2	RUV	158.05	196	iPKP	17 27.10	1.5	ULM	37.85	353	ePd	56 07.20	1.7						
			i	16 48.05			1.6s	205.00nm				LRM	38.58	333	eP	56 13.00	1.0						
TPNV	134.30	318	ePKP	16 48.80	1.9	VAH	158.07	195	iPKP	17 27.00	1.4	SES	41.71	339	ePc	56 37.30	-0.2						
Z 20s	21.45um			6.8Msz			1.6s	265.00nm				FCC	46.11	356	eP	57 15.00	2.2						
TNP	134.31	319	ePKP	16 47.84	0.9	TPT	158.31	195	iPKP	17 27.50	1.6	YKA	52.99	345	eP	58 03.50	-2.1						
LBFM	135.07	326	ePKP	16 48.39	0.1		1.6s	305.00nm					0.8s	7.20nm		4.7mb							
			ePP	19 18.75		PMO	158.36	194	iPKP	17 27.40	1.5	MBC	65.56	352	eP	59 29.50	-2.8						
BONR	135.08	320	ePKP	16 49.68	1.2		1.6s	190.00nm				FBA	65.62	336	eP	59 30.71	-2.2						
			i	16 56.49		OPA	163.84	16	ePKP	17 33.06	1.6		0.7s	2.49nm		4.4mb							
BONR	135.08	320	ePKP	16 38.79	-9.7X				i	17 38.56		WB2	138.02	254	iPKPd	08 15.00	0.7						
GLA	135.28	312	ePKP	16 43.08	-5.6X				ePKPab18	25.63			0.4s	3.20nm									
GLA	135.28	312	ePKPc	16 49.21	0.5	HON	164.20	16	PKP	17 40.00	8.2X	S.D. = 1.4 on 20 of 21 obs.											
			i	16 55.31			Z 19s	7.64um				* SEP 11, 1992 06h 53m 53.15±0.69s											
MIN	135.58	325	ePKP	16 48.80	-0.4	HON	164.20	16	PKP+	17 36.58	4.8X	17.362 S ±13.0km 167.724 E ±9.7km											
LTCM	135.97	325	ePKP	16 50.70	1.0		Z 19s	7.64um				DEPTH = 23.7km (3 depth phases)											
ORV	136.04	324	ePKP	16 50.75	0.8				IPP	22 19.09		4.8mb (8 obs.) 5.4Msz (1 obs.)											
CMB	136.34	322	iPKPc	16 49.00	-1.6	MHA	165.77	10	ePKP	17 34.82	1.7	VANUATU ISLANDS (186)											
Z 19s	22.00um			6.9Msz			S.D. = 1.0 on 642 of 704 obs.																
			ePP	19 26.00		? SEP 11, 1992 06h 38m 03.29±2.88s												8KM	0.58	122	iPd	54 04.50	-0.1
			eSKPdf20	19.00		26.821 S ±44.3km 63.423 W ±23.2km													iS	54 12.00			
			eSKPob20	29.00		DEPTH = 604.0 ± 16.4 km												PVC	0.68	124	iPd	54 05.90	-0.3
			e(PKS)21	33.00		SANTIAGO DEL ESTERO PROV., ARG. (132)													iS	54 16.50			
			e(PPP)22	24.00		ITB1	8.43	77	(P)d	40 08.50	1.3	DZM	4.84	194	iPc	55 05.00	-1.4						
			eSKKP	29 49.00		ITB7	8.49	81	e(P)	40 07.10	-0.8		iS	55 59.00									
			ePPS	31 36.00		ITB	8.55	78	(P)d	40 08.50	0.1	ARMA	19.60	226	eP	58 25.50	2.5X						
			eSKKS232	41.00		CNCB	10.82	336	Pc	40 31.30	0.2	RMQ	19.78	239	iPd	58 25.50	0.7						
			e	36 17.00					i	42 31.00			0.6s	26.00nm		4.7mb							
			eSS	38 23.00		LPB	11.12	336	eP	40 34.00	0.1	CTA	20.51	259	iPc	58 32.00	-0.4						
			e(SSS)42	37.00		ZOBO	11.36	336	P	40 36.00	-0.4		1.0s	20.00nm		4.4mb							
			eLQ	50 44.00					e	42 40.00		BWA	24.22	222	eP	59 04.60	-4.6X						
			eLR	01 54.00		PPD	12.02	69	eP	40 41.20	-0.9		ipP	59 09.70	18km								
ISA	136.51	317	ePKP	16 42.61	-8.4X				e	40 47.20		CNB	24.23	219	eP	59 11.30	2.0						
ISA	136.51	317	ePKP	16 51.75	0.7	VAO	15.41	79	(P)	41 15.00	-0.2		1.0s	30.00nm		4.8mb							
Z 21s	13.19um			6.6Msz		BAO	18.17	55	Pd	41 42.00	0.4	CMS	24.33	231	eP	59 11.00	0.7						
			ePP	19 23.56		BDF	18.21	56	Pd	41 42.00	0.0	CAN	24.45	219	eP	59 13.40	2.0						
FRI	136.55	320	ePKP	16 52.43	1.5	KIC	65.65	69	P	47 51.30	0.1		epP	59 20.30	24km								
PEC	136.56	314	ePKP	16 45.18	-5.9X		S.D. = 0.7 on 11 of 11 obs.										WB2	31.69	260	iPc	00 15.30	-2.1	
PEC	136.56	314	iPKP	16 52.13	1.0	? SEP 11, 1992 06h 46m 11.80±5.14s													0.6s	4.30nm		4.5mb	
			i	16 58.00		33.915 S ±19.0km 69.982 W ±31.8km												ASPA	32.24	253	iPd	00 20.10	-2.1
FHC	136.59	327	ePKP	16 51.53	0.6	DEPTH = 10.0km (geophysicist)													0.5s	8.80nm		4.9mb	
PLM	136.62	314	ePKP	16 49.73	-1.7	CHILE-ARGENTINA BORDER REGION (127)												SPA	72.75	180	iPd	05 31.10	9.8X
SSK	136.77	315	ePKP	16 51.85	0.2	PCH	0.53	303	iPd	46 22.54	0.0		1.0s	10.00nm		4.8mb							
PKEM	137.36	319	PKP	17 00.50	8.0X				i	06 14.90	182kmX												
PKEM	137.36	319	ePKP	16 51.51	-1.0	BJI	74.58	321	eP	05 43.50	11.5X												
ABL	137.47	317	ePKP	16 54.56	1.5	LZH	80.41	312	eP	06 06.00	1.3												
			ePP	19 23.16			1.5s	24.00nm		5.0mb													
ARN	137.48	322	ePKP	16 44.66	-8.1X	CHCH	0.56	268	iPd	46 23.29	0.1												
ARN	137.48	322	iPKP	16 54.11	1.4				iS	46 30.26													
			e	17 00.52		FCH	0.64	336	iPd	46 24.86	0.0												
			ePP	19 34.75					iS	46 32.95													
LLA	137.56	320	ePKP	16 54.91	2.0	TACH	0.84	288	iPd	46 27.89	-0.1	RMW	90.07	40	(P)	06 52.84	0.4						
BKS	137.57	323	iPKPc	16 53.00	0.1				iS	46 38.04		NVL	90.52	188	eP	07 04.00	9.9X						
Z 20s	24.00um			6.9Msz		LNV	1.19	268	iPd	46 33.79	-0.2		1.2s	10.00nm		5.0mb							
			ePP	19 37.00		ROCH	1.27	317	iP	46 35.66	0.0	Z 20s	1.40um		5.4Msz								
			ePKS	20 33.00					iS	46 51.67		E 20s	0.80um										
			e	21 43.00		S.D. = 0.1 on 6 of 6 obs.												KAF	127.79	338	ePKP	13 07.30	9.4X
			ePPP	22 36.00		* SEP 11, 1992 06h 48m 50.15±0.75s												NUR	129.46	337	ePKP	13 11.70	10.6X
			eSKKP	30 14.00		12.731 N ±12.4km 88.851 W ±22.4km												NB2	133.26	345	PKP	13 18.50	10.1X
			eP'P'	31 54.00		DEPTH = 33.0km (normol)													0.9s	3.60nm			
			eSS	38 25.00		4.5mb (6 obs.)												GEC2	142.17	332	ePKP	13 30.60	5.2X
			e(SSS)42	29.00		OFF COAST OF CENTRAL AMERICA (76)													0.8s	1.13nm			
			eRSKS	46 55.00		UYO	21.94	347	iPd	53 43.50	0.8		e	13 37.40									
			eLQ	56 54.00		JSC	22.53	17	eP	53 49.28	0.7	VBY	143.75	327	e(PKP)	13 25.60	-2.4						
			eLR	02 40.00		OLY	22.79	354	eP	53 51.25	0.1	CDF	145.16	337	ePKP	13 29.00	-1.5						
NWRM	137.58	324	ePKP	16 53.34	0.5		e	54 07.22					0.7s	7.95nm									
NWRM	137.58	324	ePKP	16 44.38	-8.4X	LHS	22.85	17	eP	53 50.37	-1.3	BSF	145.82	337	ePKP	13 30.90	-0.7						
PRI	137.67	320	ePKP	16 55.45	2.2				e	54 08.38		HAU	145.84	338	ePKP	13 31.10	-0.4						
PHAM	137.68	319	ePKP	16 56.98	3.8X	FKO	23.72	342	iPc	54 01.40	1.2	TDS	146.69	318	PKP	13 40.90	7.8X						
			i	17 02.36		CEH	24.68	19	eP	54 09.29	-0.1	SGO	146.83	320	PKP	13 44.50	11.2X						
PHAM	137.68	319	ePKP	16 49.59	-3.6X		0.5s	14.28nm				BOB	147.15	331	PKP	13 46.30	12.5X						
BCH	137.86	318	ePKP	16 45.78	-7.9X				e	54 08.38		SOI	147.73	315	PKP	13 37.30	2.5X						
BCH	137.86	318	ePKP	16 55.41	1.8				iPc	54 01.40	1.2	LPL	147.75	335	ePKP	13 37.10	2.1						
			ePP	19 38.90					eP	54 09.29	-0.1	LPG	147.76	335	ePKP	13 37.20	2.1						
			iSKP	20 28.56			0.4s	2.52nm					0.8s	31.00nm									
PCC	137.90	322	ePKP	16 53.00	-0.5				e	54 24.97		SBF	148.77	332	ePKP	13 39.00	2.6X						
PRS	138.01	320	ePKP	16 55.53	1.8	ALO	27.27	327	eP	54 38.40	4.7X	PGF	149.03	329	ePKP	13 40.00	3.1X						
TVO	155.94	190	iPKP	17 24.80	1.8		0.8s	6.16nm					0.8s	13.70nm									
	1.4s	620.00nm				PV10	31.22	328	eP	55 10.00	0.9	LMR	149.60	332	ePKP	13 41.20	3						

11d 07h

RUP 0.57 9 ePg 03 23.14 -0.7
 WLF 0.73 317 iPd 03 25.73 -0.8
 IS 03 35.19
 CDF 0.76 162 Pg 03 26.70 -0.6
 WLS 0.78 158 Pg 03 27.13 -0.4
 ABH 0.85 29 ePg 03 28.00 -0.7
 ECH 0.94 170 Pg 03 29.86 -0.3
 VITF 1.11 214 Pg 03 32.49 -0.6
 Sg 03 47.30
 MOF 1.30 174 Pg 03 36.99 0.7
 Sg 03 54.96
 FEL 1.46 150 ePg 03 39.96 1.2
 ENN 1.75 339 ePn 03 45.00 2.2
 0.4s 10.00nm
 eSn 04 07.00
 DOU 1.79 303 P 03 43.30 -0.1
 IS 04 05.00
 LOMF 1.79 182 Pn 03 43.37 -0.1
 S.D. = 1.0 on 12 of 12 obs.

? SEP 11, 1992 07h 34m 38.87± 7.09s
 43.477 N ±52.4km 19.424 E ±11.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

PLE 0.15 188 ePg 34 41.30 -1.1
 eSg 34 44.60
 IVA 0.70 150 iPg 34 52.81 0.1
 iSg 35 01.18
 NKY 0.73 205 iPg 34 52.98 -0.4
 iSg 35 01.35
 BRY 0.86 228 iPg 34 55.17 -0.4
 iSg 35 06.87
 PVY 0.97 155 iPg 34 57.12 -0.3
 iSg 35 10.12
 TTG 1.05 187 iPg 34 59.23 0.5
 iSg 35 12.56
 HCY 1.23 214 iPg 35 02.77 1.0
 iSg 35 19.48
 S.D. = 0.8 on 7 of 7 obs.

& SEP 11, 1992 08h 10m 39.56s
 61.304 N 147.034 W
 DEPTH = 20.5km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.0 (AEIC), 3.0 (PMR).

VZW 0.34 136 ePc 10 46.77 -0.2
 VLZ 0.38 117 iPc 10 47.14 -0.4
 eS 10 53.38
 eS 10 53.46
 GLI 0.43 184 iPc 10 47.77 -0.6
 eS 10 55.03
 SCM 0.55 345 iPc 10 49.78 -0.7
 eS 10 57.82
 KLU 0.57 70 iPd 10 49.93 -0.9
 eS 10 58.07
 FID 0.62 154 iPc 10 50.55 -1.0
 KNK 0.69 280 iPc 10 52.05 -0.8
 IS 11 01.83
 SML 0.80 310 iPc 10 53.44 -1.3
 eS 11 04.70
 TOA 0.90 27 iPd 10 55.71 -0.7
 HIN 0.95 164 iPc 10 55.91 -1.3
 eS 11 09.82
 KNIM 1.02 200 eP 10 56.38 -2.0
 GH0 1.02 298 iPc 10 56.84 -1.6
 PLRM 1.05 287 iPc 10 57.17 -1.7
 PMR 1.05 287 eP 10 56.90 -1.9
 PTE 1.06 246 ePc 10 57.53 -1.6
 TZL 1.07 45 ePd 10 58.34 -0.9
 SGAM 1.20 131 ePc 10 59.65 -1.6
 MTU 1.36 193 ePc 11 02.56 -0.8
 MPA 1.40 235 ePd 11 02.82 -1.2
 SDG 1.42 29 ePd 11 03.10 -1.1
 S 11 20.32
 RAGM 1.48 128 eP 11 04.33 -0.8
 GLB 1.56 83 eP 11 04.79 -1.6
 eS 11 25.20
 HMT 1.67 124 ePc 11 06.09 -1.9
 SEW 1.69 226 eP 11 07.26 -0.9
 SLKM 1.75 244 ePd 11 07.91 -1.2
 SUA 1.79 277 eP 11 09.05 -0.8
 PAX 1.83 23 eP 11 09.14 -1.1
 CUT 1.89 307 eP 11 09.76 -1.3

KAIM 1.89 136 eP 11 09.04 -2.1
 CROM 1.97 104 eP 11 11.54 -1.0
 HUR 2.08 325 eP 11 12.90 -0.9
 TGL 2.12 103 eP 11 13.36 -1.2
 eS 11 40.67
 WAX 2.22 111 eP 11 14.32 -1.6
 SKT 2.25 290 eP 11 15.00 -1.3
 RND 2.27 339 eP 11 16.29 -0.4
 BALM 2.29 95 ePc 11 15.21 -1.7
 SNH 2.35 117 eP 11 17.60 -0.1
 CGLM 2.40 272 eP 11 17.40 -1.1
 NCG 2.47 275 eP 11 18.33 -1.2
 CRP 2.47 271 eP 11 18.92 -0.7
 CPKM 2.51 271 eP 11 19.64 -0.6
 BKG 2.54 267 eP 11 19.04 -1.5
 CKL 2.57 270 eP 11 19.15 -1.8
 MCK 2.59 341 eP 11 21.00 -0.2
 TRF 2.63 326 eP 11 20.85 -1.1
 CNPM 2.74 231 eP 11 21.20 -2.1
 YAH 2.76 108 eP 11 22.01 -1.7
 WRG 2.77 115 eP 11 22.12 -1.6
 CTGM 2.79 95 eP 11 23.04 -1.0
 REF 2.89 256 eP 11 24.12 -1.4
 RSD 2.92 256 eP 11 24.44 -1.5
 HDA 3.11 1 eP 11 27.82 -0.7
 FBA 3.63 355 eP 11 33.63 -2.2
 GLM 3.70 358 eP 11 34.49 -2.5
 54 obs. associated

SEP 11, 1992 08h 11m 37.46± 0.49s
 11.758 N ± 8.2km 87.544 W ± 9.8km
 DEPTH = 33.0km (normal)
 4.3mb (7 obs.)
 NEAR COAST OF NICARAGUA (74)

TPM 13.22 304 (P) 14 43.50 -2.2
 MRX 15.32 303 (P) 15 15.00 2.0
 PRM 22.72 11 eP 16 38.33 0.6
 JSC 23.14 13 eP 16 42.30 0.5
 UYO 23.18 345 iPc 16 42.50 0.3
 LHS 23.44 14 eP 16 44.25 -0.4
 GBTN 23.99 7 eP 16 50.41 0.3
 VVO 24.62 344 eP 16 56.80 0.6
 FKO 25.05 341 iPc 17 00.00 -0.2
 TUL 25.18 344 eP 17 00.80 -0.7
 0.9s 38.70nm 5.0mb
 e 17 02.90
 e 17 09.00
 CEH 25.21 16 eP 17 02.45 0.7
 0.8s 16.86nm 4.7mb
 RRO 25.55 339 e(P) 17 04.40 -0.6
 GOL 32.00 334 eP 18 02.74 -0.5
 0.8s 2.29nm 4.1mb

PV10 32.72 328 eP 18 09.00 -0.5
 ZOBO 33.84 145 P 18 19.60 -0.3
 SRU 34.04 327 eP 18 19.82 -1.1
 LPB 34.06 145 P 18 22.00 0.5
 CNCB 34.35 145 P 18 25.00 0.8
 MSU 34.52 325 eP 18 27.36 2.2
 RSNY 34.54 16 eP 18 24.10 -0.8
 1.0s 11.04nm 4.7mb
 EMUT 34.71 328 (P) 18 26.40 -0.3
 RSSD 35.24 339 eP 18 31.76 0.6
 0.7s 2.01nm 4.2mb
 DAU 35.38 328 eP 18 32.40 -0.1
 BW06 36.34 332 eP 18 38.70 -1.9
 0.9s 1.41nm 3.9mb
 BONR 37.89 319 eP 18 55.28 1.6
 ULM 38.99 351 eP 19 03.50 1.2
 LRM 40.02 333 eP 19 11.10 -0.2
 JAO 42.98 10 eP 19 32.00 -3.1X
 BAO 47.68 124 e(P) 20 12.00 -1.3
 e 20 17.00
 BDF 47.77 124 e(P) 20 14.00 0.0
 YKA 54.25 345 eP 21 05.50 3.3X
 0.9s 2.00nm 4.1mb
 MBC 66.69 352 eP 22 25.50 -1.3
 FBA 67.02 336 (P) 22 29.61 0.5
 ZST 90.87 40 eP 24 42.60 3.5X
 CHG 148.96 348 ePKP 31 24.70 4.4X
 S.D. = 1.1 on 31 of 35 obs.

% SEP 11, 1992 08h 17m 56.14± 0.51s
 42.766 N ± 4.9km 19.149 E ± 4.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.4 (TTG).

NKY 0.12 293 iPg 17 59.50 0.3
 iSg 18 01.99
 TTG 0.35 166 iPg 18 03.30 0.0
 iSg 18 08.62
 BRY 0.47 287 iPg 18 05.42 -0.2
 iSg 18 12.55
 IVA 0.56 79 iPg 18 07.23 -0.4
 iSg 18 16.30
 HCY 0.58 237 iPd 18 07.68 -0.1
 iSg 18 16.30
 PLE 0.59 18 ePg 18 08.34 0.2
 iSg 18 16.79
 PVY 0.63 105 iPg 18 09.07 0.2
 iSg 18 18.42
 ULC 0.81 175 ePg 18 11.88 0.1
 iSg 18 24.27

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

? SEP 11, 1992 09h 44m 17.28± 3.93s
 10.981 N ±16.9km 62.180 W ±52.4km
 DEPTH = 80.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)
 MD 3.1 (TRN).

TCE 0.51 124 eP 44 30.93 -0.3
 eS 44 44.14
 TRN 0.83 113 eP 44 34.53 0.0
 eS 44 48.10
 TPP 0.97 133 eP 44 36.60 0.3
 eS 44 53.21
 TBH 1.20 114 eP 44 39.02 -0.1
 eS 44 55.00
 GRW 1.28 23 eP 44 40.22 0.1
 eS 44 56.30
 S.D. = 0.3 on 5 of 5 obs.

? SEP 11, 1992 09h 59m 36.86± 3.82s
 10.915 N ±18.5km 62.139 W ±51.5km
 DEPTH = 80.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)

TCE 0.44 120 eP 59 49.60 -0.6
 eS 59 59.71
 TRN 0.77 110 eP 59 53.18 -0.3
 eS 00 07.84
 TPP 0.90 131 eP 59 55.72 0.8
 eS 00 10.60
 TBH 1.14 112 eP 59 57.85 0.0
 eS 00 18.20
 GRW 1.32 21 eP 00 00.51 0.2
 eS 00 21.49
 S.D. = 0.8 on 5 of 5 obs.

% SEP 11, 1992 10h 03m 24.63± 1.48s
 44.232 N ± 7.4km 8.428 E ± 9.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.3 (GEN).

FIN 0.16 262 P 03 28.33 0.0
 S 03 31.10
 CKI 0.22 331 Pc 03 29.40 0.0
 eSg 03 34.00
 PCP 0.32 15 P 03 31.20 -0.1
 S 03 36.12
 ROB 0.41 279 P 03 32.64 -0.3
 S 03 37.97
 IMI 0.50 231 P 03 35.10 0.2
 S 03 42.38
 ENR 0.72 270 P 03 38.17 -0.8
 S 03 48.53
 STV 0.79 271 P 03 40.66 0.5
 S 03 51.12
 PZZ 0.99 286 P 03 43.51 0.0
 S 03 55.81
 BHB 1.03 307 P 03 44.74 0.6
 S 03 56.01
 RSP 1.24 318 P 03 47.91 0.1
 S 04 03.80
 RRL 1.36 301 P 03 49.56 -0.3
 S 04 07.20
 S.D. = 0.4 on 11 of 11 obs.

? SEP 11, 1992 10h 10m 03.78± 1.05s
 44.111 N ± 9.4km 8.106 E ±10.5km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

ML 1.8 (GEN).
 FIN 0.12 37 P 10 06.85 0.0
 S 10 08.60
 ROB 0.25 317 P 10 09.11 0.0
 S 10 13.21
 IMI 0.25 218 P 10 09.21 0.0
 S 10 13.11
 PCP 0.53 36 P 10 14.57 0.0
 S 10 21.44
 S.D. = 0.0 on 4 of 4 obs.
 * SEP 11, 1992 11h 01m 19.17±0.62s
 31.678 N ±11.5km 70.090 E ± 7.8km
 DEPTH = 35.8km (2 depth phases)
 5.0mb (13 obs.) 4.3Msz (1 obs.)
 PAKISTAN (710)

NDI 6.85 114 iPn 03 02.00 2.1
 0.7s 99.32nm 5.8mb
 iPg 03 30.00
 iSn 04 16.40
 KSH 9.12 30 P 03 32.50 1.0
 Z 12s 1.90um
 S 05 09.00
 MAIO 9.93 301 eP 03 41.00 -1.6
 GKN 13.15 102 P 04 24.08 -2.1
 0.6s 64.00nm 5.8mb
 POO 13.52 165 eP 04 32.50 1.5
 eS 08 28.00
 DMN 13.67 103 P 04 31.20 -2.0
 0.6s 55.00nm 5.6mb
 KKN 13.75 102 P 04 31.92 -2.3
 0.6s 270.00nm 6.2mb X
 PKI 13.94 103 P 04 34.18 -2.5
 GUN 14.21 101 P 04 38.34 -2.0
 0.4s 93.00nm 5.7mb
 HYB 16.14 150 eP 05 13.00 7.9X
 eS 07 56.00
 LSA 18.22 91 P 05 31.50 0.0
 E 18s 0.70um
 WMQ 18.41 44 P 05 34.50 1.2
 Z 16s 0.83um
 G8A 19.21 158 P 05 49.00 5.9X
 S 09 10.00
 GTA 25.31 64 eP 06 46.00 1.9
 pP 06 56.00 37km
 LZH 28.28 72 eP 07 23.00 11.6X
 2.0s 24.00nm
 CHG 28.97 109 eP 07 20.20 2.6
 XAN 32.57 75 eP 07 49.50 0.1
 TIY 35.11 68 eP 08 12.50 1.3
 Z 20s 0.50um 4.3Msz
 GEC2 45.24 309 eP 09 33.40 -1.5
 0.9s 1.63nm 3.9mb X
 e 09 43.70 35km
 e 09 47.10
 e 09 50.90
 BCAA 55.34 252 iPd 10 52.50 0.4
 0.8s 21.00nm 5.2mb
 MBC 72.18 2 eP 12 42.00 0.3
 0.5s 4.00nm 4.7mb
 KIC 73.79 267 P 12 51.88 -0.2
 0.7s 11.00nm 5.0mb
 TIC 73.88 268 P 12 52.44 -0.2
 0.6s 11.50nm 5.0mb
 LIC 74.10 268 P 12 53.70 -0.2
 0.6s 8.00nm 4.9mb
 FBA 79.30 15 ePc 13 21.89 -0.3
 0.8s 2.38nm 4.2mb
 WB2 80.15 121 iPd 13 30.10 2.6
 0.8s 3.30nm 4.4mb
 ASPA 82.16 124 iPc 13 45.80 7.9X
 1.0s 4.10nm 4.4mb
 YKA 86.08 2 eP 13 57.20 0.1
 0.6s 1.50nm 4.4mb
 S.D. = 1.6 on 24 of 28 obs.

? SEP 11, 1992 11h 20m 07.85±6.23s
 35.176 S ±56.4km 70.646 W ±21.4km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).
 CACH 1.06 2 iP 20 30.06 0.0
 iS 20 48.09
 CHCH 1.24 360 iP 20 31.98 0.0

LNv 1.37 332 eP 20 50.96
 20 33.51 0.1
 TACH 1.54 351 iS 20 54.00
 iP 20 35.44 -0.1
 iS 20 56.27
 PCH 1.56 4 iP+ 20 35.95 0.1
 iS 20 57.49
 LCCH 1.86 335 iPd 20 39.41 -0.1
 FCH 1.87 9 iP+ 20 39.93 0.0
 iS 21 05.34
 PEL 2.03 359 iP 20 41.95 0.2
 iS 21 06.86
 ROCH 2.22 352 iP 20 44.60 0.2
 JACH 2.49 1 iP 20 47.52 -0.3
 iS 21 17.81
 S.D. = 0.2 on 10 of 10 obs.

% SEP 11, 1992 11h 32m 59.85±0.94s
 44.206 N ± 9.7km 7.422 E ± 6.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.0 (GEN).

ENR 0.02 356 P 33 00.91 -1.0
 S 33 03.37
 STV 0.08 299 P 33 02.24 -0.2
 S 33 04.29
 ROB 0.33 74 P 33 06.55 -0.2
 S 33 11.68
 PZZ 0.38 323 P 33 08.62 1.0
 S 33 14.67
 IMI 0.45 131 P 33 09.32 0.3
 S 33 15.06
 FIN 0.57 89 P 33 11.26 -0.1
 S 33 18.24
 PCP 0.87 67 P 33 16.70 0.0
 S 33 28.52
 S.D. = 0.7 on 7 of 7 obs.

SEP 11, 1992 11h 48m 28.31±0.58s
 40.263 N ± 6.0km 20.624 E ± 4.9km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 MD 3.3 (ATH), 3.0 (THE), ML 2.6
 (TIR).

SRN 0.61 232 iPg 48 40.40 -0.2
 iSg 48 50.60
 BERA 0.68 311 ePg 48 39.60 -2.1
 iSg 48 50.40
 FNA 0.77 48 iPg 48 42.00 -1.4
 iSg 48 53.60
 KEK 0.84 229 iPb 48 44.00 -0.5
 eSg 48 55.60
 OHR 0.86 9 iPg 48 43.70 -1.2
 iSg 48 58.60
 KZN 0.88 87 iPg 48 44.20 -1.0
 eSg 48 59.00
 VLO 0.89 284 iPg 48 46.00 0.7
 iSg 49 01.50
 TIR 1.23 332 ePn 48 51.50 0.4
 iSn 49 13.00
 PHP 1.43 354 iPnc 48 54.50 0.2
 iSn 49 16.10
 LIT 1.44 96 iPbd 48 54.20 -0.2
 iSb 49 18.30
 LACI 1.54 334 iPnd 48 57.50 1.8
 iSn 49 22.00
 AGG 1.81 133 ePn 49 00.90 1.1
 SKO 1.82 20 iPnc 49 01.30 1.5
 0.4s 97.00nm
 iPg 49 03.00
 i 49 06.50
 iSn 49 25.00
 iSg 49 27.30
 VAY 1.82 54 iPn 49 00.80 1.0
 KNT 1.95 62 ePn 49 01.90 0.1
 VLS 2.08 181 ePn 49 06.50 2.8X
 S.D. = 1.2 on 15 of 16 obs.

SEP 11, 1992 12h 06m 00.40±0.18s
 29.852 N ± 3.3km 51.112 E ± 2.1km
 DEPTH = 16.2km (14 depth phases)
 5.1mb (85 obs.) 5.0Msz (31 obs.)
 SOUTHERN IRAN (353)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN

L.P.B.: 17S, 28C
 Centroid Location:
 Origin Time 12:06: 9.1 0.6
 Lat 29.96N FIX; Lon 51.11E FIX
 Dep 15.0 FIX Half-duration 1.7
 Moment Tensor: Scale 10**16 Nm
 Mrr= 9.16 1.04 Mtt=-4.19 1.47
 Mff=-4.97 0.71 Mrt= 2.40 2.62
 Mrf=-5.32 2.02 Mtf= 7.34 0.94
 Principal Axes:
 T Val= 10.94 Plg=71 Azm= 91
 N 2.35 12 321
 P -13.29 14 228
 Best Double Couple: Mo=1.2*10**17
 NP1: Strike=302 Dip=33 Slip= 67
 NP2: 148 60 104

DHR 3.64 194 iP 07 01.50 4.3X
 eS 07 15.00
 KER 5.63 324 eP 07 29.00 3.5X
 TEH 5.87 2 eP 07 30.00 1.0
 RYD 6.49 219 iP 07 38.50 0.8
 eS 08 49.00
 MJMA 6.51 234 eP 07 37.33 -0.6
 QASM 7.68 243 eP 07 51.67 -2.6
 TAB 9.11 335 eP 08 23.00 8.8X
 MAIO 9.53 45 eP 08 21.00 1.1
 0.8s 8.78nm 5.2mb
 eS 10 15.00
 ASH 10.07 35 eP 08 31.50 4.2X
 S 10 29.00
 KAT 10.25 23 iP+ 08 33.00 3.3X
 Z 11s 11.00um
 N 11s 6.00um
 E 11s 10.00um
 e 10 14.00
 BAK 10.55 355 iPc 08 30.00 -3.9X
 iS 10 23.00
 SHE 10.95 350 iPd 08 40.00 0.7
 1.2s 160.00nm 6.2mb X
 iS 10 48.00
 ERE 11.64 334 iP+ 08 48.00 -0.9
 Z 12s 4.30um
 eS 10 54.00
 MTA 12.88 338 eP 09 06.00 0.7
 Z 13s 3.00um
 N 13s 5.50um
 E 13s 8.50um
 eS 11 37.00
 AYN 13.22 269 eP 09 08.00 -1.9
 WAJH 13.36 258 eP 09 16.00 4.2X
 MAK 13.47 348 iP+ 09 14.00 0.9
 Z 16s 5.50um
 N 16s 4.00um
 E 16s 8.00um
 iS 11 44.00
 JVI 13.69 283 eP 09 17.00 0.7
 BHL 13.74 291 P 09 18.00 1.1
 S 13 40.00
 GVMR 13.75 286 eP 09 15.90 -1.0
 ABHA 13.84 215 eP 09 18.33 -0.1
 HOL 13.99 272 eP 09 20.00 -0.1
 ONI 14.12 336 eP 09 23.40 1.6
 BADA 14.14 269 eP 09 20.00 -2.0
 GRO 14.15 344 iPc+ 09 24.00 1.8
 2.0s 480.00nm 5.9mb
 Z 14s 10.50um 5.4Msz
 N 14s 8.00um
 E 16s 13.00um
 iS 12 06.00
 SAGI 14.26 276 eP 09 25.90 2.2
 PYA 15.54 338 iP+ 09 40.00 -0.3
 Z 12s 2.00um
 iS 12 40.00
 KIV 15.59 337 iP 09 42.40 1.3
 iS 12 39.80
 CSS 15.85 293 eP 09 44.70 0.3
 TRHT 16.07 315 eP 09 52.60 5.4X
 SOC 16.45 330 eP 09 52.00 0.1
 2.0s 370.00nm 5.2mb
 Z 14s 2.50um 4.7Msz
 N 11s 2.00um
 E 15s 2.00um
 eS 12 57.00
 KVT 16.59 317 iP 09 54.50 0.7
 KOT 16.73 275 eP 09 58.00 2.5
 CTK 17.11 314 eP 10 03.70 3.3X

HLW		17.15	275	eP	10 00.00	-0.9									0.8 s	7.02nm	4.6mb	
				eS	13 11.00		GZR	27.10	313 ePd	11 44.00	-0.2					e	12 48.90	11km
ASW		17.23	255	iP	10 05.00	3.2X	OBN	27.30	342 ePc	11 45.00	-0.8					e	12 51.00	
				eS	13 29.00			1.0s	144.00nm							e	12 56.40	
AKUR		17.39	254	iPc	10 06.00	2.1	Z	18s	1.40um							e	13 03.10	
AGRW		17.47	254	iPd	10 09.40	4.6X	N	18s	1.90um							e	13 09.30	
KART		17.71	314	eP	10 08.30	0.3			e	12 43.00	310kmX		PGD	34.15	305 P	12 47.80	1.0	
AGMR		17.74	254	eP	10 10.20	2.0	KEK	27.42	299 eP	11 46.90	-0.2		BHG	34.30	312 eP	12 47.30	-0.6	
ASKD		17.82	254	eP	10 13.00	3.8X	MOS	27.60	343 eP	11 48.00	-0.6		KHC	34.32	315 Pd	12 47.10	-1.0	
BBTK		18.03	308	eP	10 12.00	0.1		2.0s	290.00nm					1.3s	35.00nm		5.1mb	
ANN		18.55	328	eP	10 16.00	-2.1	Z	18s	2.10um				Z	18s	0.70um		4.4Msz	
	Z	14s		1.00um			SVE	27.77	11 ePc	11 50.50	0.4		N	18s	0.60um			
	E	14s		2.00um				3.2s	100.00nm				E	18s	0.70um			
				eS	13 43.00		Z	15s	3.00um						e	12 52.60	19km	
SGKT		18.85	310	eP	10 22.20	0.1	N	15s	1.40um						e	13 07.90		
ELL		18.99	297	eP	10 33.00	9.3X	E	15s	0.60um				FIR	34.46	305 e(P)	12 55.00	5.7X	
DVR		19.17	311	eP	10 26.30	0.5			eS	16 32.00					iS	18 18.00		
GYN		19.65	308	eP	10 32.80	1.3	8ZS	27.93	312 eP	11 42.00	-9.7X		LSA	34.63	80 P	12 51.60	0.1	
KHL		19.74	301	eP	10 27.50	-5.0X	HYB	27.94	110 eP	11 53.00	0.9		N	23s	4.16um			
GPA		19.91	307	eP	10 32.00	-2.1			eS	16 40.00					S	18 24.00		
SIM		20.17	323	eP	10 36.00	-0.7	UZH	28.09	319 eP	12 00.00	-0.3		BRG	34.74	318 eP	12 50.80	-0.8	
				e	14 52.00			2.3s	250.00nm					2.0s	44.00nm		5.0mb	
YLV		20.68	307	eP	10 39.00	-3.2X	Z	14s	1.50um				WET	34.75	315 iPc	12 50.80	-1.0	
GBZT		20.72	308	eP	10 42.00	-0.5	E	14s	2.50um				BDI	34.98	305 P	12 53.70	-0.2	
DST		20.84	304	eP	10 43.20	-0.6			e	12 59.80	314kmX		WTTA	34.98	311 iPc	12 53.20	-0.8	
ISK		21.10	308	iP	10 49.60	3.2X	GBA	29.21	118 P	12 03.00	-0.4			0.9s	60.20nm		5.5mb	
NPS		22.13	291	eP	10 59.00	2.2	GKN	29.34	85 P	12 04.24	-0.6				i	12 58.30	17km	
PRK		22.45	301	eP	11 02.00	2.1		0.5s	79.00nm				WATA	35.04	311 iPc	12 53.20	-1.2	
KSH		22.53	58	P	11 02.60	1.7	MNK	29.48	331 eP	12 12.00	6.5X				i	12 56.60	11km	
		1.4s		540.00nm		5.8mb	DMN	29.83	86 P	12 08.88	-0.5		SQTA	35.25	311 iPc	12 55.20		

CDF	0.9s	29.50nm	5.1mb	LZH	44.23	68 Pc	14 11.70	0.9		eS	22 48.00			
	38.11	312 eP	13 19.20	-1.0		2.0s	140.00nm	5.5mb		eSS	26 28.00			
BSF	0.8s	10.75nm	4.7mb	Z	20s	3.36um		5.3msz	IPM	53.35	108 ePd	15 19.90	-1.5	
	38.30	311 eP	13 20.70	-1.2	E	15s	1.76um		WHN	53.99	72 P	15 26.00	0.2	
UER	0.7s	16.30nm	4.9mb				pP	14 17.20	18km		Z	20s	1.89um	5.2msz
	38.40	43 iPc	13 22.20	-0.2			sP	14 19.50			N	16s	1.46um	
	1.3s	60.00nm	5.2mb				ePP	15 52.00			E	16s	1.38um	
HAU		eS	19 20.00				eS	20 38.00		OIZ	54.05	87 P	15 26.00	-0.5
	38.63	311 eP	13 23.30	-1.2			eSS	23 46.00				eS	23 00.00	
	0.8s	15.70nm	4.8mb		EVIA	44.64	296 iPc	14 14.40	0.4	BUL	54.22	206 eP	15 27.30	-0.5
Z	21s	0.32um	4.1msz		CHG	44.67	93 eP	14 13.80	-0.6	AKU	54.66	332 iP	15 31.60	1.3
WLF	39.11	313 Pc	13 32.00	3.6X		1.3s	30.77nm	5.0mb			1.0s	28.00nm	5.2mb	
APA	39.20	349 iPc	13 25.00	-3.9X	IRK	44.72	44 ePc	14 14.00	-0.4	TIA	54.77	65 Pc	15 31.70	0.2
HFS	39.28	331 eP	13 28.50	-1.2		2.6s	61.00nm	5.0mb		Z	20s	1.82um	5.1msz	
	0.4s	17.20nm	5.1mb			Z	16s	2.21um	5.2mszX			S	23 10.00	
Z	16s	0.56um	4.5mszX			N	18s	0.78um		NJ2	57.25	69 Pc	15 49.60	0.2
		LR	28 11.00			E	14s	1.53um			E	14s	1.30um	
WTS	39.32	317 ePc	13 30.50	0.4			e	14 24.00	34kmX	KIC	57.37	258 P	15 50.48	0.0
	1.0s	90.00nm	5.4mb				eS	20 52.00			1.0s	43.00nm	5.5mb	
ENN	39.52	315 eP	13 31.00	-0.8	NRI	44.86	18 iPc	14 16.00	0.8	TIC	57.46	258 P	15 51.00	-0.2
	2.2s	145.00nm	5.3mb			1.8s	88.00nm	5.4mb			1.1s	61.00nm	5.5mb	
WIT	39.64	318 eP	13 35.00	2.2		Z	16s	6.00um	5.6mszX	LIC	57.69	258 P	15 52.72	0.0
BCAO	39.83	237 iPd	13 35.00	0.2		N	16s	3.50um		TIK	58.12	21 eP	15 53.00	-2.0
	1.0s	10.00nm	4.5mb				eS	20 57.00			2.0s	61.00nm	5.3mb	
		iS	19 29.30		CD2	45.07	75 P	14 17.00	-0.5	Z	18s	2.00um	5.3msz	
		iSS	26 35.20			Z	22s	1.95um	5.0msz			eS	24 00.00	
LBF	40.04	309 eP	13 35.20	-1.1	BDT	45.36	95 eP	14 19.00	-0.9	SNY	58.36	57 eP	15 56.20	-0.7
SMF	40.09	308 eP	13 35.80	-0.8	ECOG	45.63	294 eP	14 23.00	1.1		Z	18s	3.92um	5.6msz
	1.0s	50.60nm	5.2mb		EGUA	45.68	294 iPc	14 22.00	-0.2	E	16s	2.91um		
LOR	40.16	309 eP	13 36.10	-1.1	EBAN	45.69	296 eP	14 22.90	0.6			eS	23 52.00	
	0.8s	10.35nm	4.6mb		TOL	45.72	298 iPd	14 23.00	0.5	YAK	58.83	33 eP	15 57.00	-3.0
DOU	40.19	314 Pc	13 36.90	-0.5		1.5s	111.11nm	5.6mb			1.8s	105.00nm	5.6mb	
		S	19 47.00				eS	21 10.00		CN2	59.24	54 Pc	16 02.00	-1.1
SSF	40.37	309 eP	13 38.20	-0.7	GUD	45.73	299 iPd	14 23.20	0.5		1.0s	8.60nm	4.8mb	
	0.9s	30.45nm	5.0mb		KMI	45.74	83 Pc	14 22.50	-0.5	Z	18s	2.91um	5.5msz	
AVF	40.44	308 eP	13 38.50	-1.0		2.0s	90.00nm	5.4mb		N	13s	0.59um		
	0.9s	13.25nm	4.6mb			Z	20s	1.30um	4.9msz	E	13s	0.50um		
BGF	40.76	308 eP	13 41.40	-0.7		N	15s	1.00um				epP	16 07.00	16km
	0.9s	22.75nm	4.9mb				S	21 06.00				eS	24 11.00	
GTA	40.77	63 iPd	13 43.50	1.0	EKA	45.87	320 P	14 23.00	-0.4	SSE	59.44	69 P	16 03.50	-1.1
	2.0s	160.00nm	5.4mb			0.9s	13.00nm	4.9mb			1.2s	26.00nm	5.2mb	
Z	15s	4.60um	5.5mszX		KHT	46.09	98 eP	14 25.20	-0.4	Z	20s	1.80um	5.2msz	
E	12s	1.98um			EHOR	46.88	295 eP	14 31.50	-0.1	N	18s	1.30um		
		pP	13 49.00	19km	EPRU	46.99	294 eP	14 31.50	-1.1			pP	16 10.00	21km
		S	19 52.00		NST	47.02	96 eP	14 33.50	0.6	SLR	59.45	204 eP	16 05.00	0.1
		SS	22 50.00		EPLA	47.25	299 iPd	14 35.10	0.5	KDS	60.80	268 eP	16 15.80	1.6
NB2	40.80	331 P	13 40.70	-1.6	EJIF	47.26	294 eP	14 35.50	0.9	WIN	61.53	216 eP	16 19.00	-0.2
	0.8s	6.60nm	4.4mb		DLF	47.53	317 eP	14 36.50	0.0		0.9s	10.92nm	5.0mb	
MAF	40.91	307 eP	13 42.80	-0.6	LOE	47.66	93 eP	14 38.00	0.0	MDJ	61.93	52 eP	16 19.50	-1.9
	1.0s	15.40nm	4.7mb		DMU	47.82	317 eP	14 39.90	1.1	BLF	63.27	204 eP	16 32.00	1.3
CAF	41.14	305 eP	13 45.10	-0.2	ERUA	47.83	302 eP	14 39.40	0.2	MAT	70.79	58 (P)	17 09.00	-9.1X
	0.7s	5.20nm	4.4mb		EVAL	48.09	295 eP	14 41.00	-0.2	MBC	73.99	358 eP	17 36.00	-0.3
TCF	41.16	307 eP	13 44.90	-0.6	NNT	48.09	100 eP	14 42.20	0.8		0.7s	6.00nm	4.7mb	
	0.6s	6.50nm	4.5mb		BTO	48.50	61 P	14 44.50	0.1	IMA	82.51	10 eP	18 10.90	-12.4X
RJF	41.56	306 eP	13 48.70	0.0		N	14s	0.93um			0.9s	11.80nm		
	1.1s	29.05nm	4.9mb			E	15s	1.77um		IMA	82.51	10 eP	18 23.77	0.5
	23s	0.45um	4.3mszX				PP	16 29.00			0.7s	4.07nm	4.7mb	
LPO	41.75	305 eP	13 50.10	-0.2	XAN	48.68	69 P	14 45.20	-0.6	SMY	83.95	31 P	18 40.00	9.3X
	0.6s	6.20nm	4.5mb			0.8s	22.00nm	5.3mb		Z	19s	1.53um	5.4msz	
LFF	42.08	305 eP	13 53.10	0.1		Z	16s	1.79um	5.1mszX	FBA	84.41	8 eP	18 21.30	-11.6X
	0.8s	19.75nm	4.9mb			N	13s	1.31um		FBA	84.41	8 eP	18 34.20	1.3
KEV	42.24	348 eP	13 54.00	0.1		E	13s	1.47um			1.0s	5.00nm	4.7mb	
EROQ	42.26	299 eP	13 56.20	1.7			pP	14 50.00	16km	JAQ	84.85	332 eP	18 36.00	0.8
EPF	42.30	302 eP	13 53.90	-1.0			sP	14 53.50		LMN	84.91	321 eP	18 44.50	8.8X
	0.8s	5.65nm	4.3mb				S	21 48.00		TTA	85.03	12 eP	18 24.90	-11.2X
KTK1	42.38	346 eP	13 54.69	-0.4	GYA	48.70	80 iPc	14 45.40	-0.8	SVW	86.78	13 eP	18 33.90	-10.9X
EGRA	42.78	301 iPd	13 56.00	-2.7		1.0s	12.00nm	4.9mb		SVW	86.78	13 eP	18 46.11	1.3
MFF	42.81	308 eP	13 58.20	-0.8		Z	24s	2.01um	5.0mszX		1.3s	27.63nm	5.3mb	
	0.8s	12.75nm	4.7mb				pP	14 50.40	17km	YKA	87.27	353 eP	18 47.10	0.1
LDF	42.99	311 eP	13 59.20	-1.2			PP	16 32.00			0.9s	4.70nm	4.7mb	
MOL	43.08	332 eP	14 01.06	0.2			S	21 42.00		TOA	87.31	8 eP	18 36.70	-10.7X
FLN	43.25	311 eP	14 01.40	-1.0	HHC	49.63	60 Pc	14 53.50	0.3	PMR	87.41	10 (P)	18 47.79	0.1
	0.3s	4.95nm	4.7mb			2.0s	130.00nm	5.6mb			1.1s	17.82nm	5.3mb	
Z	21s	0.45um	4.3msz			Z	20s	2.49um	5.2msz	Z	20s	0.59um	5.0msz	
ECHE	43.37	297 eP	14 05.00	1.3		N	12s	0.81um		KLU	87.94	8 eP	18 51.59	1.2
GRR	43.45	310 eP	14 03.20	-0.9		E	13s	0.78um		SLKM	88.29	10 eP	18 52.32	0.3
	1.0s	32.20nm	5.1mb				PP	16 52.00		BALM	88.78	7 (P)	18 56.42	1.9
LPF	43.54	310 eP	14 04.00	-0.8	CIT	50.41	45 eP	14 59.80	1.0	RSNY	90.90	324 P	19 10.00	5.4X
	0.8s	37.50nm	5.2mb				S	22 00.00		Z	21s	0.17um	4.5msz	
ZAK	43.82	47 eP	14 08.80	1.8	TIY	50.78	64 Pc	15 02.00	0.1	WRA	94.10	111 P	19 21.10	1.6
	3.0s	175.00nm	5.3mb			Z	20s	2.25um	5.2msz	WB2	94.11	111 eP	19 19.60	0.0
Z	16s	6.53um	5.6mszX			E	18s	1.46um			0.3s	2.70nm	5.1mb	
	E	16s	4.17um		BOD	51.03	38 iPc	15 03.00	-0.4	ASPA	95.61	114 P	19 26.00	-0.4
		e	15 53.00	587kmX		1.3s	50.00nm	5.3mb			0.4s	2.10nm	4.9mb	
		eS	20 40.00		BJI	53.23	60 eP	15 20.00	-0.2	ASPA	95.61	114 eP	19 30.10	3.7X
		eSS	23 54.00			Z	26s	1.66um	5.0mszX		0.9s	4.50nm	4.9mb	
ETOR	44.13	299 eP	14 10.50											

11d 12h

JFWS 99.35 332 P 19 50.00 6.8X
 Z 21s 0.49um 5.0msz
 CEH 99.57 321 P 19 50.00 5.7X
 Z 19s 0.18um 4.6msz
 RSSD 102.96 342 Pd diff 20 10.00 10.6X
 Z 21s 0.46um 5.0msz
 FVM 103.53 330 Pd diff 20 10.00 8.2X
 Z 19s 0.61um 5.1msz
 GOL 107.43 341 PKP 24 40.00 11.8X
 Z 21s 0.73um 5.2msz
 ALQ 112.17 340 PKP 24 50.00 12.8X
 Z 20s 0.40um 5.0msz
 ISA 114.10 351 PKP 24 50.00 9.3X
 Z 20s 0.42um 5.0msz
 HON 121.91 32 PKP 25 10.00 14.2X
 Z 20s 0.24um 4.8msz
 ZOBO 123.07 269 ePKP 25 01.00 2.0
 Z 24s 0.38um 5.0msz
 LR 05 20.00
 LPB 123.14 269 ePKP 25 07.00 8.1X
 CNCB 123.16 269 PKP 25 00.70 1.6
 S.D. = 1.1 on 266 of 314 obs.

% SEP 11, 1992 12h 50m 29.05 ± 0.53s
 38.021 N ± 6.8km 14.044 E ± 4.3km
 DEPTH = 10.0km (geophysicist)
 SICILY (398)

GIB 0.03 203 Pd 50 29.40 -1.8
 eSg 50 33.00
 MCT 0.51 220 P 50 40.20 0.8
 eSg 50 45.40
 MNO 0.52 100 P 50 39.00 -0.7
 eSg 50 48.40
 CVT 1.05 251 P 50 49.00 1.0
 eSg 51 06.10
 ATN 1.13 82 P 50 49.00 -0.4
 eSg 51 07.90
 ERC 1.15 271 P 50 50.50 -0.1
 eSg 51 07.50
 MEU 1.16 142 P 50 51.50 0.8
 eSg 51 09.00
 LVI 1.35 269 P 50 53.10 -0.7
 eSg 51 11.30
 SOI 1.59 88 P 50 58.00 0.8
 eSg 51 20.00
 TDS 2.43 47 P 51 09.50 0.1
 SGO 2.72 21 P 51 13.70 0.2
 S.D. = 1.0 on 11 of 11 obs.

* SEP 11, 1992 13h 17m 35.94 ± 1.08s
 21.243 S ± 11.0km 68.394 W ± 11.2km
 DEPTH = 130.2 ± 11.1 km
 4.9mb (2 obs.)
 CHILE-BOLIVIA BORDER REGION (124)

ANT 3.08 217 iP 18 24.50 0.3
 iS 18 59.50
 CCH 4.39 29 P 18 42.30 0.2
 CNCB 4.43 5 iPc 18 44.30 1.5
 LPB 4.69 3 iPc 18 47.80 1.5
 ZOBO 4.94 3 iPc 18 50.10 0.3
 ARE 5.59 328 eP 18 56.00 -2.3
 iS 19 56.80
 SIV 8.69 54 Pc 19 37.80 -2.3
 ITB1 13.34 107 e(P) 20 50.00 8.7X
 BAO 20.14 77 Pc 22 01.50 -0.5
 e 22 03.10
 e 23 18.10
 BDF 20.21 78 e(P) 22 04.00 1.2
 FVM 62.45 340 ePc 27 46.18 -1.2
 0.6s 16.09nm 5.2mb
 SRU 71.82 327 ePd 28 46.97 0.5
 MSU 72.24 325 eP 28 49.55 0.6
 pP 29 23.02 135kmX
 YKA 91.11 340 eP 30 26.70 0.3
 0.6s 2.50nm 4.6mb
 GBA 146.58 97 PKP 37 05.00 2.4X
 S.D. = 1.4 on 13 of 15 obs.

& SEP 11, 1992 13h 42m 35.30s
 36.838 N 121.568 W
 DEPTH = 5.0km
 CENTRAL CALIFORNIA (39)
 <BRK>. ML 3.4 (BRK). Felt (IV)
 at Morgan Hill and (III) at
 Monterey and San Juan Bautista.

Also felt at Hollister and
 Prunedale.

SAO 0.12 126 iPd 42 37.68 -0.2
 GCC 0.39 299 ePc 42 42.87 -0.3
 eS 42 48.44
 ARN 0.51 3 iPd 42 45.91 0.4
 S 42 54.26
 PRS 0.53 162 iPd 42 45.34 -0.6
 LLA 0.55 114 iPc 42 46.34 0.1
 eS 42 53.69
 PCC 0.93 316 ePc 42 52.22 -1.2
 eS 43 06.37
 PRI 1.01 133 ePd 42 54.61 -0.3
 eS 43 12.35
 BKS 1.17 333 ePd 42 55.88 -1.6
 eS 43 13.81
 ZSP 1.23 334 ePd 42 57.19 -1.5
 eS 43 17.25
 PHAM 1.38 136 ePnc 42 59.33 -1.8
 PKEM 1.41 123 ePg 43 02.25 0.6
 FRI 1.50 84 eP 43 00.99 -1.9
 eS 43 20.55
 CMB 1.52 38 ePn 42 58.83 -4.4
 S 43 21.68
 BCH 2.04 143 eP 43 08.12 -2.7
 ORV 2.71 1 eP 43 19.82 -0.5
 ABL 2.75 135 ePn 43 17.00 -4.1
 ISA 2.76 114 eP 43 19.24 -1.9
 BONR 2.83 66 (Pn) 43 22.01 -0.3
 TNP 3.68 69 (P) 43 34.61 0.4
 LBFM 4.51 357 ePn 43 43.16 -2.9
 20 obs. associated

SEP 11, 1992 13h 44m 52.11 ± 0.46s
 40.350 N ± 5.5km 141.633 E ± 8.8km
 DEPTH = 96.5 ± 5.2 km
 4.7mb (9 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

AOMJ 0.98 283 P 45 12.20 -0.1
 S 45 26.80
 OFUJ 1.27 179 P 45 15.40 -0.3
 S 45 32.40
 MRRJ 2.12 349 eP 45 26.60 0.1
 eS 45 52.30
 HOOJ 2.38 31 eP 45 31.00 0.9
 eS 45 59.00
 YAMJ 2.50 210 P 45 32.30 0.5
 KUSJ 3.58 39 eP 45 45.40 -1.1
 eS 46 24.60
 NIJJ 3.72 214 iP+ 45 49.20 0.7
 ASAJ 3.84 11 eP 45 50.00 -0.1
 KAKJ 4.30 196 iPd 45 54.30 -2.1
 MAT 4.66 216 eP 46 02.00 0.6
 eS 46 56.00
 CHJJ 4.77 207 P 46 02.70 -0.3
 MTMJ 4.81 220 iP+ 46 04.90 1.3
 SSE 18.96 247 P 49 08.10 -0.2
 GUN 47.09 273 P 53 15.88 -0.5
 0.6s 42.00nm 5.5mb
 KKN 47.60 273 P 53 20.10 -0.2
 0.7s 72.00nm 5.6mb
 PKI 47.62 273 P 53 22.02 1.5
 DMN 47.83 273 P 53 21.58 -0.5
 0.5s 11.00nm 4.9mb
 GKN 47.99 274 P 53 22.84 -0.4
 0.7s 29.00nm 5.2mb
 GBA 61.69 264 P 55 01.60 -0.8
 KAF 65.45 332 iP 55 26.00 -0.3
 0.5s 2.80nm 4.4mb
 NUR 67.12 331 eP 55 36.40 -0.5
 0.6s 4.30nm 4.6mb
 HFS 71.15 335 eP 56 01.00 -0.6
 0.4s 1.30nm 4.1mb
 NB2 71.20 337 P 56 01.80 -0.2
 0.7s 1.80nm 4.0mb
 PV10 78.47 49 e(P) 56 46.00 1.8
 GEC2 79.99 328 ePc 56 52.80 0.8
 0.6s 0.75nm 3.7mb
 S.D. = 0.9 on 25 of 25 obs.

? SEP 11, 1992 15h 15m 25.70 ± 4.81s
 11.796 N ± 62.5km 88.299 W ± 15.1km
 DEPTH = 33.0km (normal)
 4.5mb (6 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

TPX 4.94 309 (P) 16 53.00 13.4X
 PBJ 8.29 305 (P) 17 27.00 0.3
 UYO 22.97 347 iPc 20 28.50 0.2
 JSC 23.28 15 eP 20 31.60 0.2
 VVO 24.39 345 eP 20 42.20 0.1
 FKO 24.77 342 iPc 20 46.00 0.1
 FNO 24.77 342 iPc 20 46.20 0.3
 SIO 24.92 344 eP 20 46.50 -0.8
 TUL 24.95 345 eP 20 47.20 -0.3
 1.0s 19.70nm 4.7mb
 RRO 25.26 340 iPc 20 51.30 0.8
 CEH 25.39 18 eP 20 50.55 -1.2
 0.5s 8.07nm 4.6mb
 ELC 25.39 358 eP 20 51.47 -0.2
 GOL 31.64 334 eP 21 47.05 -1.3
 0.8s 6.02nm 4.5mb
 RSSD 34.95 340 eP 22 17.32 0.4
 0.7s 6.91nm 4.7mb
 EEO 35.60 11 eP 22 23.50 1.3
 BW06 35.97 333 eP 22 25.29 -0.4
 1.0s 4.00nm 4.3mb
 ULM 38.84 352 eP 22 51.00 1.6
 LMN 39.38 26 eP 22 56.00 2.0
 LRM 39.65 333 eP 22 57.50 1.0
 SES 42.77 339 eP 23 22.00 0.2
 JAO 43.08 11 eP 23 21.50 -2.7
 YKA 54.02 345 eP 24 47.00 -1.8
 0.7s 2.70nm 4.4mb
 ZST 91.32 40 eP 28 47.90 18.5X
 S.D. = 1.2 on 21 of 23 obs.

* SEP 11, 1992 15h 27m 02.38 ± 0.84s
 7.383 S ± 26.5km 105.276 E ± 22.1km
 DEPTH = 33.0km (normal)
 4.4mb (3 obs.)

JAWA, INDONESIA (277)

KUG 18.32 100 eP 31 17.50 1.7
 eS 34 43.50
 e 37 00.00
 WB2 30.82 117 iPd 33 16.60 -1.2
 0.6s 3.40nm 4.3mb
 ASPA 31.88 124 iPd 33 26.30 -0.7
 1.2s 8.80nm 4.5mb
 e 33 34.80
 GBA 34.62 307 P 33 52.50 1.7
 QIS 35.70 115 iPd 33 59.30 -0.7
 PKI 39.71 332 P 34 34.58 0.6
 GUN 39.78 333 P 34 34.56 0.0
 DMN 39.89 332 P 34 35.38 0.1
 KKN 39.96 332 P 34 34.78 -1.0
 GKN 40.44 331 P 34 38.46 -1.3
 STK 41.67 131 iPd 34 50.40 0.8
 0.7s 6.00nm 4.4mb
 e 34 59.50
 NDI 44.92 324 iPc 35 15.80 -0.3
 CSS 79.65 307 eP 39 19.50 11.1X
 MLR 87.80 316 eP 39 50.00 0.3
 BDF 144.93 229 PKPd 46 50.00 11.0X
 S.D. = 1.1 on 13 of 15 obs.

SEP 11, 1992 17h 03m 58.68 ± 0.27s
 29.804 N ± 5.6km 60.696 E ± 2.9km
 DEPTH = 11.8km (5 depth phases)
 5.0mb (59 obs.)

SOUTHERN IRAN (353)

MAIO 6.56 351 eP 05 37.00 -0.4
 0.8s 8.42nm 4.7mb
 eS 07 17.00
 ASH 8.36 347 eP 06 03.50 1.0
 DHR 9.96 252 eP 06 23.60 -0.9
 KER 12.38 295 e(P) 07 03.00 5.3X
 RYD 13.51 251 eP 07 10.50 -2.2
 MJMA 14.19 258 iP 07 19.00 -2.6
 NDI 14.47 90 eP 07 22.50 -2.7
 0.6s 26.67nm 5.0mb
 eS 10 18.50
 TAB 14.49 308 eP 07 28.00 2.5
 KSH 15.82 48 P 07 41.00 -1.9
 1.0s 70.00nm 4.8mb
 Z 10s 4.06um 3.7msz
 pP 07 47.00
 sP 07 51.00
 PP 07 57.00
 MTA 17.50 317 eP 08 04.00 0.1
 GRO 18.08 322 iPd- 08 11.00 -0.1

TLG	2.0s	360.00nm	5.2mb	0.9s	18.11nm	4.8mb	FLN	49.61	310 eP	12 50.90	-0.8			
	18.93	40 eP	08 20.10	-1.7	e	11 40.50	12km	0.9s	25.55nm		5.2mb			
PYA	6.8s	57.00nm	3.9mb X		e	11 44.60		GRR	49.86	310 eP	12 53.00	-0.6		
	19.95	320 eP	08 34.00	0.6	e	11 51.00			1.0s	31.20nm		5.2mb		
KIV	1.0s	100.00nm	5.1mb		e	11 57.10		LPF	50.00	309 eP	12 54.10	-0.6		
	20.11	320 eP	08 35.00	-0.2	e(PcP)	13 40.90			0.6s	11.25nm		5.0mb		
HYB	20.45	123 eP	08 49.30	68kmX	e	13 45.20		CN2	52.45	56 eP	13 14.00	0.7		
GKN	21.03	89 P	08 47.00	8.2X	e	13 48.60			1.0s	3.70nm		4.3mb		
	1.0s	132.00nm	5.3mb		e	13 54.50		EGUA	53.27	296 iPc	13 18.90	-0.6		
DMN	21.51	90 P	08 50.88	0.9	KHC	40.41	312 P	11 37.50	-0.8	MAL	53.96	296 iPc	13 23.50	-1.0
	1.2s	242.00nm	5.5mb			1.3s	12.00nm	4.4mb	YAK	54.35	33 eP	13 24.20	-2.8	
HRI	21.53	286 eP	08 53.00	3.1X	GYA	40.47	83 P	11 41.40	2.3		1.8s	77.00nm	5.4mb	
KKK	21.63	89 P	08 50.52	-0.5	BRG	40.54	315 eP	11 39.70	0.5	KIC	65.57	263 P	14 45.00	0.2
	1.0s	198.00nm	5.5mb			1.6s	27.00nm	4.7mb	TIC	65.67	264 P	14 45.60	0.1	
BHL	21.64	287 P	08 52.00	1.0	FVI	40.55	308 P	11 40.40	1.1	BLF	67.20	213 eP	14 56.60	1.5
		S	13 05.00		BHG	40.64	310 eP	11 40.50	0.4	MBC	74.21	0 ePd	15 36.10	-0.4
PKI	21.79	90 P	08 53.30	0.6		1.1s	43.00nm	5.1mb		0.6s	4.00nm		4.6mb	
	1.1s	160.00nm	5.3mb		XAN	40.86	71 P	11 41.50	-0.6	IMA	80.86	13 eP	16 00.90	-12.8X
JVI	21.85	282 eP	08 56.30	3.3X			sP	11 52.60			1.6s	34.20nm		
GUN	22.13	89 P	08 57.48	1.3	CRE	40.87	303 P	11 43.10	0.9	IMA	80.86	13 eP	16 12.23	-1.5
HQL	22.31	275 eP	09 01.00	3.5X	PGD	41.05	304 P	11 45.20	1.5		1.6s	18.25nm		4.8mb
GBA	22.35	133 P	09 01.10	3.1X	CLL	41.22	315 iPc	11 45.00	0.2	TTA	83.05	16 e(P)	16 11.20	-13.9X
RMN	22.54	278 eP	09 01.90	1.9		1.6s	39.00nm	4.9mb	SVW	84.71	17 e(P)	16 22.00	-11.5X	
CSS	23.64	290 eP	09 17.50	6.9X			i	11 48.80	13km	PWA	85.56	14 eP	16 24.80	-12.9X
ANN	23.81	316 eP	09 07.00	-5.0X	BTO	41.24	61 eP	11 45.00	-0.3		1.2s	84.90nm		
		e	12 51.00		UPP	41.64	329 iP	11 47.10	-0.9	PMR	85.77	14 eP	16 38.17	-0.6
WMQ	25.61	49 eP	09 30.00	0.5	MME	41.80	304 P	11 51.50	1.5		1.9s	91.37nm		5.6mb
Z	16s	1.30um	4.5MsZ		MOX	41.94	314 eP	11 51.30	0.5	TOA	85.89	12 eP	16 28.00	-11.4X
LSA	26.41	83 eP	09 38.70	1.3		1.7s	34.00nm	4.8mb	WRA	86.41	115 P	16 44.20	1.7	
ARU	26.63	357 eP	09 40.00	1.4	GRF	42.03	312 ePc	11 52.00	0.5		0.7s	1.00nm		4.1mb
	2.0s	80.00nm	5.1mb			1.6s	30.00nm	4.8mb	WB2	86.42	115 iPc	16 43.70	1.1	
		e	10 18.00	189kmX			ec	11 55.20	11km		0.6s	3.20nm		4.7mb
SVE	26.99	360 ePc	09 42.50	0.5	OSS	42.37	308 P	11 54.63	0.1	BALM	87.56	11 eP	16 48.83	1.2
	3.0s	140.00nm	5.1mb		NRI	42.64	14 ePc	11 56.00	-0.2	YKA	87.95	358 eP	16 49.20	-0.1
Z	15s	0.60um	4.3MsZ		LLS	43.17	308 P	12 00.50	-0.6		1.1s	4.70nm		4.7mb
N	15s	0.50um			TIY	43.27	65 eP	12 01.50	-0.4	ASPA	88.12	119 iPd	16 51.80	1.1
E	15s	0.50um			HFS	43.55	328 eP	12 02.70	-1.0		1.6s	7.90nm		4.8mb
		ePPP	10 41.00			0.6s	13.70nm	4.9mb	BNH	93.97	328 (P)	17 22.64	4.9X	
OBN	30.60	333 iPd	10 14.70	0.2	Z	17s	0.18um	4.0MsZ		ZOBO	131.39	274 ePKP	23 11.00	-3.0X
	1.8s	144.00nm	5.5mb				LR	35 16.00			S.D. = 1.0 on 110 of 131 obs.			
MOS	30.67	334 eP	10 16.00	0.9	MMK	43.83	307 P	12 08.65	2.2		SEP 11, 1992 17h 20m 29.79± 0.73s			
	2.0s	210.00nm	5.7mb		SBF	44.15	304 eP	12 08.30	-0.6		34.407 N ± 6.9km 14.384 E ± 3.6km			
VRI	30.97	311 ePd	10 13.50	-4.3X		1.3s	35.40nm	5.0mb			DEPTH = 10.0km (geophysicist)			
MLR	31.37	310 ePc	10 22.00	0.5	DIX	44.21	307 P	12 12.27	2.6X		4.2mb (13 obs.)			
VAY	32.83	301 iP	10 35.00	0.9	KEV	44.33	344 eP	12 12.00	2.1		CENTRAL MEDITERRANEAN SEA (400)			
GTA	33.37	63 eP	10 38.50	-0.6	CDF	44.45	310 eP	12 10.10	-1.2	PZI	2.65	9 P	21 13.63	0.2
	1.5s	42.00nm	5.1mb			1.1s	14.15nm	4.8mb	MEU	2.73	9 P	21 15.10	0.6	
Z	16s	0.57um	4.4MsZ		CIT	44.54	45 eP	12 12.00	0.1			eSn	21 46.20	
E	12s	0.31um			LPG	44.66	306 eP	12 12.40	-0.9	PTS	3.09	322 P	21 18.40	-1.0
		pP	10 47.00	29kmX		1.0s	11.00nm	4.7mb	MCT	3.27	350 P	21 23.40	1.1	
SKO	33.76	302 iP	10 41.50	-0.8	LPL	44.67	306 eP	12 12.50	-0.8	CVT	3.51	339 P	21 25.00	-0.4
OHR	34.13	300 iP	10 40.50	-5.0X		1.4s	33.55nm	5.0mb	MNO	3.53	4 P	21 27.00	1.1	
SPC	36.18	314 eP	11 05.80	2.7X	BSF	44.73	309 eP	12 12.50	-1.1	MBZ	3.78	308 iPd	21 28.00	-1.4
PUL	36.30	334 (P)	11 05.00	1.4		0.9s	8.20nm	4.6mb	ATN	3.85	13 P	21 30.70	0.4	
	2.0s	80.00nm	5.2mb		HAU	45.04	310 eP	12 15.20	-0.8	SOI	3.90	20 Pc	21 31.30	0.3
CHG	36.38	99 eP	11 04.80	-0.1		1.4s	34.00nm	5.1mb			eSn	22 15.50		
LZH	36.52	69 eP	11 07.00	0.9	BOD	46.02	37 eP	12 23.50	0.0	ERC	3.90	339 P	21 31.10	0.0
	2.0s	47.00nm	5.0mb			1.0s	82.00nm	5.7mb	MSI	3.91	14 P	21 32.20	1.1	
Z	16s	0.49um	4.4MsZ		LBF	46.61	308 eP	12 27.80	-0.6	LVI	3.94	336 Pd	21 31.10	-0.4
E	10s	0.29um				1.2s	27.35nm	5.2mb	ZGN	4.00	301 iPd	21 30.80	-1.8	
		pP	11 15.00	27kmX	LOR	46.69	308 eP	12 28.20	-0.8	KCHT	4.51	308 iPd	21 39.50	-0.2
UZD	36.61	309 eP	11 06.00	-0.4		1.2s	28.85nm	5.2mb	SYA	4.68	276 iPd	21 41.50	-0.7	
OJC	36.77	315 eP	11 08.10	0.3	SMF	46.70	308 eP	12 28.60	-0.5	GRI	4.70	20 P	21 42.50	0.1
KMI	37.45	87 eP	11 14.50	0.5		1.3s	68.25nm	5.5mb	OAR	4.95	273 iPd	21 46.30	0.4	
	1.5s	60.00nm	5.1mb		SSF	46.93	308 eP	12 30.50	-0.4	TDS	5.47	16 P	21 52.20	-1.1
ZAK	37.85	45 eP	11 16.80	0.0		1.1s	40.05nm	5.4mb	MGR	5.80	9 P	21 57.80	0.0	
	1.5s	22.00nm	4.7mb		AVF	47.04	308 eP	12 31.10	-0.6	SGO	6.18	7 P	22 03.70	0.4
Z	15s	0.59um	4.5MsZ			1.1s	14.40nm	5.0mb	VLS	6.27	51 eP	22 03.50	-1.0	
ZST	37.94	311 eP	11 17.50	-0.1	BCAO	47.13	246 iPc	12 33.30	0.5	BRT	6.84	18 P	22 10.20	-2.3
		e	23 53.40			1.3s	24.00nm	5.1mb			eSn	23 23.90		
SGO	38.24	299 P	11 21.20	1.0			id	12 52.00	75kmX	KEK	6.84	38 eP	22 12.40	-0.2
VBY	38.70	307 eP	11 24.00	0.0	BGF	47.38	307 eP	12 33.80	-0.7	RFI	6.89	357 P	22 13.68	0.4
DUI	38.93	301 P	11 27.90	1.8	MAF	47.58	307 eP	12 36.00	-0.1	IGT	6.99	41 eP	22 17.32	2.7
NUR	38.97	332 eP	11 25.40	-0.7	TCF	47.83	307 eP	12 37.70	-0.4	SRN	7.07	38 ePn	22 14.60	-1.1
	0.6s	10.00nm	4.7mb			1.3s	29.25nm	5.2mb	DUI	7.24	0 P	22 18.80	0.5	
KSP	39.09	315 ePc	11 27.30	0.0	CAF	47.98	305 eP	12 38.90	-0.3	VLO	7.29	32 ePn	22 17.50	-1.3
		i	11 30.90	12km		1.2s	21.70nm	5.1mb	VLI	7.34	69 eP	22 28.50	8.9X	
LJU	39.27	307 e(P)	11 29.50	0.6	RJF	48.35	306 eP	12 42.00	0.0	AZI	7.61	355 P	22 23.00	-0.3
KAF	39.31	335 eP	11 24.60	-4.3X		1.3s	31.05nm	5.2mb	BERA	7.68	33 ePn	22 25.10	0.8	
	0.6s	5.20nm	4.4mb		LPO	48.61	305 eP	12 43.70	-0.4	AGG	7.87	52 eP	22 28.88	1.8
VOY	39.71	307 e(P)	11 32.40	-0.2	LFF	48.91	305 eP	12 46.20	-0.2			eS	23 53.44	
PRU	39.97	314 eP	11 37.50	2.9X	LDF	49.37	310 eP	12 48.90	-1.0	AQU	7.97	355 P	22 30.40	1.9

				eS	48	33.00	
				eSS	49	05.00	
PYA	22.87	300		iPc	44	40.00	1.8
				i	44	54.00	
				i	45	15.00	
				eS	48	48.00	
GBA	22.88	164		P	44	42.30	3.9X
				S	49	13.30	
GTA	23.03	72		P	44	42.00	2.1
	1.0s	76.00nm					5.1mb
N	10s	0.47um					
				S	48	48.00	
KIV	23.12	299		iP	44	42.70	2.0
				i	44	56.10	
RYD	23.76	249		iPc	44	48.00	1.9
MJMA	24.17	253		iP	44	52.00	1.1
LZH	26.50	80		eP	45	14.00	1.2
	2.0s	44.00nm					4.7mb
				pP	45	22.50	30kmX
				sP	45	27.50	
ANN	27.08	300		eP	45	17.00	-0.7
				e	45	43.00	
ZAK	27.41	48		eP	45	20.70	0.0
	0.8s	10.00nm					4.5mb
				e	45	44.50	
CD2	27.70	91		P	45	24.60	1.0
CHG	29.90	117		eP	45	44.30	0.9
MOS	30.19	322		eP	45	46.00	0.5
				e	47	00.00	
OBN	30.43	320		iPd	45	48.10	0.4
XAN	30.99	82		P	45	53.00	0.1
				pP	45	58.50	19kmX
TIY	33.03	74		eP	46	12.20	1.5
CIT	34.10	48		eP	46	19.80	0.0
VR1	34.58	301		ePd	46	25.50	1.6
NR1	34.91	10		iPd	46	26.00	-0.4
	0.4s	34.00nm					5.6mb
				e	46	46.00	
				e	47	38.00	
				e	48	00.00	
CVD	34.96	301		eP	46	26.50	-0.8
MNK	35.02	315		eP	46	27.00	-0.6
MLR	35.13	300		ePd	46	30.50	1.7
BJ1	35.56	69		eP	46	34.00	1.7
BOD	35.95	39		eP	46	33.20	-2.2
	0.9s	10.00nm					4.7mb
WHN	36.42	86		P	46	41.00	1.4
KAF	38.19	328		eP	46	54.00	-0.1
	0.9s	30.70nm					5.2mb
APA	38.26	338		iPd	46	54.90	0.2
NUR	38.38	325		iP	46	55.70	0.0
	0.5s	33.10nm					5.5mb
SPC	39.01	306		eP	47	02.40	0.9
OJC	39.32	308		eP	47	04.70	0.9
				e	47	27.40	
NJ2	39.55	81		Pc	47	07.50	1.7
SRO	40.32	304		iP	47	11.70	-0.3
ZST	41.12	305		eP	47	15.60	-2.9
				e	47	51.80	
KSP	41.56	309		eP	47	22.00	-0.1
UPP	41.61	322		iP	47	22.50	0.2
IPM	41.61	131		ePc	47	24.90	2.0
SSE	41.75	82		Pc	47	26.00	2.2
VBY	42.62	301		eP	47	32.90	2.0
				e	49	21.10	
PRU	42.71	307		eP	47	30.00	-1.5
				e	47	56.30	
				e	49	20.50	
BRG	43.05	309		iP	47	35.30	1.0
	0.6s	12.00nm					4.9mb
				i	47	58.80	
LJU	43.06	302		e(P)	47	35.00	0.6
GEC2	43.33	306</					

GRF	44.87	307	eP	49 24.00	1.9	0.6s	10.80nm	5.0mb	KHT	32.78	124	eP	09 52.60	0.9		
			e	47 51.00		85.72	119 iPd	52 12.90	0.1	TIY	32.93	75	eP	09 53.00	0.1	
			e	48 14.00		0.8s	10.00nm	5.0mb		LOE	33.16	117	eP	09 55.00	0.0	
NB2	44.92	323	P	47 48.20	-1.1	SPA	125.66	180 iPKPd	58 33.60	-0.7	NST	33.20	121	eP	09 56.30	1.0
	0.5s	24.40nm			5.3mb		1.0s	7.00nm			NRI	34.30	11 iPc+	10 04.50	0.4	
OSS	45.97	303	P	47 58.38	0.4	S.D. = 1.3 on 109 of 117 obs.									5.9mb	X
LLS	46.72	304	P	48 03.75	-0.2	SEP 11, 1992 18h 03m 36.24 ± 0.14s									10 47.00	204km
TMA	46.94	303	P	48 05.36	-0.3	36.469 N ± 3.8km 70.943 E ± 2.5km									11 10.00	
PGF	47.59	298	eP	48 10.10	-0.7	DEPTH = 208.3km (10 depth phases)									10 06.00	-0.3
	0.5s	5.25nm			4.7mb	4.7mb (54 obs.)									10 10.00	1.6
DIX	47.94	303	P	48 13.60	0.0	HINDU KUSH REGION, AFGHANISTAN (718)									10 10.00	0.6
BSF	48.03	305	eP	48 13.50	-0.6	KSH	4.97	52 Pd	04 51.30	0.1	MLR	34.76	299 iPc	10 12.00	0.9	
	0.5s	5.10nm			4.7mb		S	05 47.30			AKUR	34.91	325 (P)	10 13.50	1.8	
HAU	48.29	306	eP	48 15.80	-0.2	MAIO	9.23	272 iPc	05 44.60	-1.8	BJI	35.07	260 iPc	10 14.00	0.2	
SBF	48.40	300	eP	48 16.70	-0.2		0.8s	6.59nm	07 25.00		BOD	35.13	125 eP	16 04.00	-1.2	
	0.5s	7.30nm			4.9mb		eS	07 22.50				ScP	16 13.20	4.7mb		
LPG	48.51	302	eP	48 17.90	-0.2	NDI	9.39	144 iPd	05 47.50	-0.9	WHN	35.50	39 eP	10 23.00	0.5	
	0.5s	4.80nm			4.7mb		iS	07 22.50		UZH	36.44	86 eP	10 30.00	1.0		
LPL	48.52	302	eP	48 18.00	0.0	ASH	10.15	282 eP	05 56.00	-2.2		37.23	305 eP	10 30.00	4.9mb	
	0.5s	3.80nm			4.6mb		S	07 50.00		KAF	1.0s	31.00nm	10 32.40	0.3		
QVP	49.30	102	ePc	48 12.50	-11.5X	KAT	11.92	288 eP	06 21.00	0.2		37.63	327 iP	10 32.40	5.2mb	
LBF	50.07	305	eP	48 29.10	-0.6		iS	08 29.00		APA	0.8s	47.00nm	10 32.50	0.2		
LOR	50.09	305	eP	48 29.10	-0.7	GKN	14.33	122 P	06 49.76	-1.4	NUR	37.66	337 iPc	10 34.10	0.3	
SMF	50.24	304	eP	48 30.30	-0.6	WMO	14.75	55 P	06 55.00	-1.3		37.83	324 eP	10 34.10	5.6mb	
	0.7s	8.80nm			4.9mb		S	09 40.00		QIZ	0.5s	84.50nm	10 38.00	0.2		
SSF	50.37	305	eP	48 31.00	-0.9	DMN	14.90	122 P	06 57.06	-1.2	SPC	38.25	106 P	10 42.00	1.4	
	0.5s	2.25nm			4.5mb		0.4s	428.00nm	06 57.06			38.59	306 iP	11 25.20	204km	
AVF	50.53	305	eP	48 32.40	-0.7		14.90	121 P	06 57.12	-1.2		e	11 25.20	204km		
	0.7s	7.05nm			4.8mb	KKN	15.13	122 P	06 59.94	-1.2	OJC	38.89	307 eP	10 43.30	0.5	
MAF	51.20	304	eP	48 37.40	-0.8	PKI	0.9s	1121.00nm	06 59.94	-1.2		e	11 50.00	336kmX		
	0.4s	1.95nm			4.5mb		0.9s	1121.00nm	06 59.94	-1.2	SRO	39.92	303 iP	10 51.30	0.1	
TCF	51.42	304	eP	48 39.50	-0.4	GUN	15.24	120 P	07 01.88	-0.7		e	11 57.30	330kmX		
	0.6s	4.50nm			4.7mb		0.5s	511.00nm	07 01.88	-0.7	KEV	40.81	338 iP	10 59.00	0.7	
CAF	51.87	303	eP	48 42.50	-0.8	POD	18.05	171 iPd	07 15.80	-18.8X		e	11 59.00	330kmX		
	0.5s	3.45nm			4.6mb		1.0s	50.00nm	07 15.80	-18.8X	VRAC	40.81	338 iP	10 59.00	0.7	
LSF	51.89	304	eP	48 42.50	-0.9		iS	10 35.00			0.7s	64.10nm	11 01.30	1.4		
RJF	52.14	303	eP	48 44.50	-0.8	LSA	18.21	106 iPd	07 38.10	1.4		40.98	306 eP	11 01.30	1.4	
LDF	52.39	308	eP	48 46.40	-0.8	TAB	19.65	282 eP	07 58.00	7.0X		3.0s	406.10nm	12 08.30	335kmX	
FLN	52.58	308	eP	48 47.30	-1.3	HYB	20.14	158 ePd	07 56.50	0.6		e	12 08.30	335kmX		
LFF	52.77	303	eP	48 49.00	-1.0		0.6s	137.50nm	07 56.50	0.6	UPP	41.07	322 iPc	11 00.50	0.1	
	0.4s	5.05nm			4.9mb		eS	11 32.00		KSP	41.12	308 iP	11 02.30	1.2		
MFF	52.91	305	eP	48 49.60	-1.4	GRD	20.51	297 eP	08 00.00	0.6		e	12 41.10	552kmX		
GRR	52.92	307	eP	48 50.30	-0.7		2.0s	720.00nm	08 00.00	0.6	KTK1	41.63	336 iPc	11 04.92	-0.1	
LPF	53.13	307	eP	48 51.20	-1.4	MTA	20.92	292 iP	08 05.00	1.6	CN2	41.66	62 eP	11 06.00	0.4	
MAT	53.18	68	eP	48 52.00	-1.1	ERE	21.05	288 eP	08 09.00	4.2X	SSE	41.72	82 P	11 07.00	0.8	
	0.9s	8.40nm			4.8mb		i	09 07.00			sP	12 17.50				
EPF	53.60	301	eP	48 54.60	-1.6	SVE	21.50	344 iPc	08 09.50	0.6	IPM	42.08	132 ePd	11 10.30	1.1	
	0.4s	1.45nm			4.4mb		1.2s	120.00nm	08 09.50	0.6		0.7s	54.30nm	5.2mb		
BCAD	57.45	250	iPc	49 23.60	-0.6	ARU	21.61	341 iPc	08 11.00	0.9	VBY	42.24	300 eP	11 11.00	0.7	
	1.1s	72.00nm			5.7mb		1.2s	300.00nm	08 11.00	0.9		eScP	16 29.00			
		ic	49 48.50				eS	12 00.00			PRU	42.27	307 P	11 11.30	0.8	
		id	50 06.50				e	12 07.00				e	11 18.00	23kmX		
TOL	57.77	298	iPd	49 25.80	-0.4	PYA	22.51	298 iPc	08 19.00	0.1	BRG	42.60	308 iP	11 14.10	1.0	
	1.3s	88.46nm			5.7mb		1.0s	100.00nm	08 19.00	0.1		1.3s	32.00nm	4.7mb		
MBC	67.99	3	eP	50 32.00	-1.2	KIV	22.76	298 iP	08 22.70	1.2		e	12 21.20	333kmX		
	0.6s	36.00nm			5.5mb	GTA	22.92	74 P	08 24.50	1.4	LJU	42.67	301 e(P)	11 14.00	0.3	
BUL	68.65	223	iPd	50 39.30	1.1		pP	09 05.00	216km			ePcP	13 00.00			
	0.8s	29.85nm			5.3mb	GBA	23.50	164 P	08 30.10	1.5		eScP	16 31.00			
IMA	72.74	17	eP	50 48.30	-14.0X		S	12 58.00			GEC2	42.91	305 eP	11 16.00	0.2	
	0.6s	6.20nm					e	09 34.00	188kmX			0.5s	1.41nm	3.7mb X		
TTA	74.63	20	eP	51 14.00	0.7	ANN	26.71	299 eP	08 56.00	-1.9		e	11 19.10	10kmX		
KIC	74.77	267	P	51 14.24	-0.5		e	09 34.00	188kmX			e	11 23.50			
	0.6s	14.00nm			5.1mb	ZAK	27.05	49 iPc	09 00.50	-0.3		e	11 33.40			
TIC	74.83	267	P	51 14.44	-0.7		0.8s	17.00nm	09 00.50	-0.3		e	13 01.30			
	0.5s	6.00nm			4.8mb	CD2	27.78	92 P	09 08.60	0.9	KHC	42.97	306 eP	11 16.00	-0.1	
LIC	75.08	267	P	51 15.88	-0.6	MOS	29.66	321 iPc	09 22.00	-2.0		e	12 19.00	309kmX		
	0.5s	7.00nm			4.8mb		1.0s	160.00nm	09 22.00	-2.0		e	13 09.60			
FBA	75.10	16	eP	51 02.40	-13.4X		e	10 04.00	207km		HFS	43.06	322 eP	11 16.40	-0.3	
	0.9s	30.50nm					e	10 22.00				0.6s	98.60nm	5.5mb		
FBA	75.10	16	eP	51 14.79	-1.0	OBN	29.91	319 iPc	09 26.00	-0.3	VOY	43.11	301 eP	11 17.10	-0.3	
	0.8s	11.65nm			4.9mb		0.8s	102.00nm	09 26.00	-0.3	CLL	43.17	309 iP	11 18.00	0.3	
		eP	52 01.08	192kmX		CHG	30.25	118 ePc	09 30.20	0.6		1.5s	24.00nm	4.5mb		
BLF	77.17	219	iPd	51 29.20	1.2		0.9s	13.66nm	09 30.20	0.6		e	12 23.00	320kmX		
	1.0s	20.00nm			5.0mb	BTO	30.67	70 eP	09 34.00	0.7		e	13 10.00			
WIN	77.30	230	iPc	51 31.00	2.1	XAN	30.98	83 P	09 35.70	-0.3		eSg	23 50.00			
	1.0s	13.00nm			4.8mb		0.7s	7.30nm	09 35.70	-0.3	KBA	43.35	303 iPd	11 19.90	0.5	
TOA	77.88	17	eP	51 19.00	-12.4X		PP	10 47.00				0.5s	3.30nm	4.1mb		
KLU	78.47	17	ePc	51 33.07	-1.6	BDT	31.34	120 eP	09 39.10	0.0	YAK	44.03	35 iPc	11 22.00	-2.4	
		(pP)	52 13.74	165kmX			0.9s	88.30nm	09 39.10	0.0		0.8s	115.00nm	5.4mb		
BALM	79.69	16	eP	51 40.50	-0.9	HHC	31.82	70 eP	09 43.60	0.3		e	12 07.00	209km		
WRA	81.63	122	P	51 52.29	0.3	GYA	31.91	98 iPd	09 44.40	0.2	MOX	44.10	308 eP	11 26.40	1.2	
	0.5s	8.50nm			5.0mb		1.0s	19.00nm	09 44.40	0.2		1.7s	26.00nm	4.4mb		
WB2	81.63	122	iPc	51 51.90	-0.2		PcP	12 29.20			NB2	44.38	323 P	11 26.30	-1.0	
	0.4s	36.70nm			5.7mb		S	14 40.80				0.6s	60.90nm	5.2mb		
YKA	81.90	3	eP	51 52.40	-0.4		ScP	15 52.00			GRF	44.44	307 eP	11 29.60	1.7	
	0.6s	13.60nm			5.1mb		ScS	19 47.60				e(pP)	12 15.80	215km		
ASPA	83.86	125	iPc	52 03.50	0.0											

11d 18h

	e(sP)	12	36.30		BALM	79.11	16	iPc	15	18.88	0.3	MJMA	14.38	257	iP	27	30.00	-6.8X				
LOF	44.65	333	iPd	11	28.72	-0.5						TAB	14.38	308	eP	27	40.00	2.0				
KGM	45.49	131	eP	11	37.90	1.4	KDC	79.30	22	eP	15	07.10	-12.4X	NDI	14.41	91	iPd	27	34.00	-4.2X		
OSS	45.58	303	P	11	37.09	0.0	YKA	81.28	3	eP	15	29.80	0.0	SHE	14.46	320	iPd	27	38.00	-0.8		
VDL	46.07	303	P	11	41.75	0.7		0.5s	9.30nm		4.8mb				1.2s	120.00nm			5.3mb			
MOL	46.24	325	eP	11	42.06	0.2	WRA	82.02	122	P	15	34.00	-0.3	KSH	15.62	49	P	27	53.00	-1.0		
LLS	46.32	303	P	11	42.77	-0.2		0.8s	11.10nm		4.6mb				0.8s	220.00nm			5.4mb			
SLE	46.50	304	P	11	44.91	0.7	WB2	82.02	122	iPd	15	33.80	-0.6	Z	10s	15.90um			4.3msz			
TMA	46.55	302	P	11	44.13	-0.6		0.4s	81.40nm		5.8mb					pP	27	59.00				
MMK	47.18	302	P	11	50.38	0.6	ASPA	84.27	125	iPd	15	45.20	-0.5			sP	28	03.00				
CDF	47.19	306	eP	11	49.10	-0.6		0.5s	27.30nm		5.3mb					PP	28	13.00				
	0.7s	3.10nm				3.8mb										eP	27	49.67	-5.5X			
PGF	47.24	297	eP	11	49.50	-0.6	JAO	85.59	341	ePd	15	51.60	-0.3	QASM	15.71	260	eP	27	50.00	-15.5X		
	0.8s	9.80nm				4.3mb	FORT	85.68	134	eP	15	52.00	-0.5	POO	16.52	131	eP	27	50.00	-15.5X		
DIX	47.55	302	P	11	52.63	0.0	QIS	86.09	119	iPc	15	54.10	-0.6			eS	34	00.00				
BSF	47.62	305	eP	11	52.60	-0.3		0.4s	4.00nm		4.6mb		ERE	16.69	312	iP+	28	07.00	-0.6			
	0.6s	11.65nm				4.5mb	SES	93.49	1	eP	16	29.00	-0.1			9.00nm			3.8mb X			
HAU	47.88	305	eP	11	54.60	-0.2	ZOBO	138.58	288	PKP	22	40.10	0.1	MAK	16.77	324	iP+	28	10.00	1.5		
	0.6s	9.30nm				4.4mb	CNCB	138.77	287	PKP	22	41.20	1.0			iS	31	18.00				
SBF	48.03	299	eP	11	56.10	0.0							MTA	17.36	316	eP	28	16.40	0.5			
	0.9s	17.35nm				4.5mb									eS	31	29.40					
LPG	48.12	302	eP	11	57.30	0.2							GRO	17.92	322	iPd-	28	23.00	0.2			
	0.7s	10.70nm				4.4mb	? SEP 11, 1992 18h 21m 32.82±1.92s								2.0s	600.00nm			5.4mb			
LPL	48.13	302	eP	11	57.30	0.2		51.265 N ± 7.3km			7.447 E ± 19.5km		ONI	18.68	317	eP	28	35.40	3.2X			
	0.8s	11.80nm				4.4mb	DEPTH = 10.0km (geophysicist)					TLG	18.71	41	eP	28	30.20	-2.4				
FRF	48.66	299	eP	12	01.20	0.3	GERMANY								2.2s	220.00nm			5.0mb			
	0.8s	9.00nm				4.2mb	ML 2.8 (LDG).					PRZ	18.83	44	eP	28	33.00	-1.2				
LBF	49.66	304	eP	12	08.20	-0.3	WTS	0.83	332	ePg	21	49.00	0.1			1.8s	200.00nm			5.0mb		
	0.6s	2.55nm				3.9mb		0.5s	25.00nm				PYA	19.81	320	iPd	28	45.00	-0.2			
LOR	49.68	305	eP	12	09.20	0.6	ENN	1.08	243	ePg	21	52.50	-0.7			2.0s	330.00nm			5.3mb		
SMF	49.83	304	eP	12	09.40	-0.4		0.4s	7.00nm				Z	12s	1.00um				5.6msz			
	0.7s	12.55nm				4.5mb		eSg	22	01.50					iS	32	30.00					
SSF	49.96	304	eP	12	10.10	-0.6	MEM	1.12	235	iPd	21	55.03	1.2	KIV	19.97	319	iP	28	47.10	0.1		
AVF	50.12	304	eP	12	11.60	-0.4	WLF	1.80	208	iP	22	11.00	6.9X			iS	32	35.10				
	0.6s	7.75nm				4.4mb		iS	22	35.00			HYB	20.54	124	eP	28	54.00	1.1			
MAF	50.79	304	eP	12	17.10	0.0	SNF	2.14	251	iP	22	08.70	-0.3			eS	32	40.00				
	0.8s	7.50nm				4.3mb	CDF	2.86	182	Pg	22	37.30	17.9X	CSTJ	20.76	279	P+	28	57.06	1.8		
TCF	51.01	304	eP	12	18.70	-0.1			Sg	23	10.30			GKN	20.97	90	P	28	56.94	-0.6		
	0.6s	5.60nm				4.3mb	BSF	3.46	187	Pg	22	45.50	17.5X			1.0s	483.00nm			5.8mb		
CAF	51.48	302	eP	12	21.60	-0.7			Sg	23	31.80		MDSJ	21.10	281	Pd	29	01.54	2.8			
	0.7s	3.40nm				4.0mb	LOR	4.64	212	Pn	22	44.90	0.3	GHZJ	21.10	277	P+	28	59.88	1.1		
LSF	51.48	304	eP	12	22.30	0.1			Sn	23	34.20		DMN	21.45	90	P	29	02.12	-0.4			
RJF	51.74	303	eP	12	24.40	0.2	SSF	4.94	213	Pn	22	48.40	-0.4	SOC	21.52	315	eP	29	04.00	1.3		
LDF	51.96	307	eP	12	24.90	-0.9			Sn	23	41.50				2.0s	120.00nm				5.0mb		
LPO	52.14	302	eP	12	27.00	-0.2	SMF	5.20	209	Pn	22	52.80	0.4	Z	16s	1.00um				4.3msz X		
FLN	52.15	307	eP	12	26.80	-0.3			Sg	24	14.60		N	14s	1.00um							
	0.5s	4.30nm				4.3mb	BGF	5.60	215	Pn	22	57.50	-0.7			eS	33	06.00				
EKA	52.28	316	Pd	12	27.40	-0.6	FLN	5.69	247	Pn	22	53.70	-5.7X	HRI	21.53	285	eP	29	03.80	0.7		
	1.4s	49.20nm				4.9mb			Sn	23	53.80		MASJ	21.55	281	P+	29	04.95	1.7			
LFF	52.37	302	eP	12	28.80	0.0							KKN	21.57	90	P	29	03.36	-0.3			
GRR	52.49	307	eP	12	28.70	-0.9									1.0s	788.00nm				6.1mb		
EPF	53.22	300	eP	12	34.60	-0.6							SALJ	21.57	282	P+	29	05.05	1.6			
	0.5s	2.50nm				4.1mb	SEP 11, 1992 18h 24m 14.62±0.20s					KFNJ	21.58	281	P+	29	05.55	2.1				
TOL	57.41	298	eP	13	05.00	-0.1		30.046 N ± 4.1km			60.765 E ± 2.3km		MKRJ	21.62	280	Pd	29	04.75	0.8			
BCAO	57.61	249	iPc	13	05.30	-1.5		DEPTH = 33.0km (normal)					BHL	21.63	287	P	29	04.00	-0.1			
	0.9s	54.00nm				5.3mb	5.3mb (90 obs.)			4.8msz (19 obs.)					S	33	17.00					
							NORTHERN IRAN					PKI	21.73	90	P	29	04.96	-0.4				
8RW	67.34	15	(P)	14	09.39	-0.8		CENTROID, MOMENT TENSOR				DSI	21.85	280	eP	29	09.00	2.9X				
MBC	67.37	3	iPc	14	10.40	0.1		Data Used: GDSN				GUN	22.06	89	P	29	10.56	1.8				
	0.7s	83.00nm				5.6mb		L.P.B.: 11S, 19C						1.1s	916.00nm					6.1mb		
BUL	69.06	223	iPc	14	21.70	0.1		Centroid Location:				HOL	22.35	274	eP	29	12.33	1.2				
	0.8s	2.99nm				4.1mb		Origin Time			18:24:18.4 0.8	TRHT	22.50	304	iP	29	14.10	1.4				
IMA	72.17	18	eP	14	26.00	-1.6X		Lat 30.07N FIX; Lon 60.76E FIX				RMN	22.57	278	eP	29	14.60	1.2				
	0.6s	18.30nm				4.1mb		Dep 33.0 FIX Half-duration 1.0				CTK	23.59	304	eP	29	25.00	1.7				
IMA	72.17	18	iPc	14	38.83	-0.8		Moment Tensor: Scale 10**16 Nm				CSS	23.62	289	eP	29	26.50	3.0X				
	0.5s	10.46nm				4.8mb		Mrr=5.20 1.04 Mtt=-5.09 1.43				ANN	23.68	315	eP	29	24.00	0.1				
								Mff=-0.12 0.61 Mrt=-4.34 1.18						2.5s	300.00nm				5.4mb			
								Mrf=5.13 1.20 Mtf=2.48 0.92							eS	33	38.00					
MBL	73.60	133	iPd	14	48.10	-0.2		Principal Axes:				KOT	25.04	277	eP	29	38.50	1.3				
	0.4s	9.00nm				4.9mb		T Vol= 8.80 Plg=61 Azm=247				WMQ	25.41	50	P	29	41.50	0.8				
TTA	74.07	20	eP	14	38.10	-12.5X		N 0.05 15 128						1.7s	120.00nm				5.2mb			
TTA	74.07	20	ePc	14	50.40	-0.2		P -8.84 24 31				Z	18s	5.18um					5.1msz			
	0.6s	5.93nm				4.5mb		Best Double Couple: Mo=8.8*10**16							pP	29	51.50			37kmX		
								NP1:Strike= 91 Dip=25 Slip= 51							eS	34	10.00					
KIC	74.74	267	P	14	54.00	-1.1		NP2: 313 71 106				HLW	25.47	277	(P)	29	42.00	0.7				
TIC	74.80	267	P	14	54.30	-1.2									(S)	34	15.00					
LIC	75.05	267	P	14	55.60	-1.3	MAIO	6.33	351	eP	25	49.00	0.9			iP-	29	47.00			5.5X	
KNA	75.30	123	eP	14	57.90	-0.2		1.0s	28.50nm				ASW	25.49	263	iP-	29	47.00				
SVW	75.63	21	eP	14	47.20	-12.3X			eS	27	33.00				eS	34	34.00					
REF	76.98	21	(P)	15	06.05	-1.0	ASH	8.13	346	eP	26	13.00	-0.3			eP	29	42.00			-0.4	
								e	27	52.00			AKUR	25.65	263	iPd	29	44.10			1.1	
PMS	77.20	19	eP	14	54.40	-13.7X			eP	26	33.00	-2.3	SIM	25.70	313	eP	29	44.00			0.7	
	0.9s	20.50nm						KAT	9.85	309	eP	26	38.00	1.0			e	30	24.00			
TOA																						

ARU	26.39	357	eP	29	51.00	1.5	SOI	37.60	294	P	31	27.80	-0.1		1.6s	44.00nm	38	26.00	4.9mb	
	2.0s	250.00nm			5.5mb		ZAK	37.64	45	eP	31	29.70	1.6			eS	32	04.20	0.7	
		e		30	04.50			2.4s	177.00nm			5.5mb		GRF	41.91	312	iPc	32	04.20	0.7
		e		30	39.00		Z	15s	2.16um			5.1MsZ			1.9s	111.00nm			5.3mb	
ELL	26.54	293	eP	29	52.00	0.7	E	15s	1.44um					Z	21s	0.20um			4.0MsZ	
SVE	26.75	360	iPd	29	54.00	1.1			eS	37	17.00				e	32	06.80			
	3.0s	110.00nm			5.0mb		ZST	37.82	311	eP	31	29.00	-0.6	HHC	42.24	61	P	32	06.80	0.3
	Z	15s	3.00um		5.0MsZ				e	37	03.30				1.8s	55.00nm			5.0mb	
	N	14s	2.00um				MGR	37.98	298	P	31	31.50	0.4		Z	17s	1.43um		4.9MsZ	
	E	14s	1.00um				ATN	38.07	295	P	31	32.40	0.5		N	12s	0.61um			
		e		30	46.80		SGO	38.18	299	P	31	33.30	0.6		E	12s	0.45um			
		eS		34	34.00		MEU	38.54	293	P	31	39.50	3.6X			PP	33	52.50		
UKR	27.51	34	iPc	30	01.10	1.3			eP	31	35.00	-1.2	OSS	42.27	308	ePc	32	06.40	-0.3	
	1.2s	130.00nm			5.5mb				ePcP	33	48.50		BOB	42.64	305	P	32	10.00	0.4	
AAE	29.33	229	eP	30	18.50	1.5	MNO	38.68	294	P	31	39.00	1.7	VDL	42.71	307	ePd	32	10.40	0.0
KIS	29.89	313	eP	30	21.00	-0.3	NUR	38.78	332	iP	31	37.50	0.0	PGF	42.93	302	eP	32	10.80	-1.3
		e		31	20.00			0.5s	6.80nm			4.7mb			1.5s	30.80nm			4.8mb	
		e		35	08.00		IRK	38.81	42	eP	31	38.20	0.3	LLS	43.07	308	ePd	32	12.60	-0.6
OBN	30.42	332	iPc	30	26.00	0.1		2.2s	85.00nm			5.1mb		TMA	43.10	307	ePc	32	13.70	0.2
	1.5s	140.00nm			5.5mb		Z	19s	2.27um			5.0MsZ		TIY	43.12	66	Pd	32	13.50	-0.1
	Z	18s	0.70um		4.4MsZ		E	15s	1.68um						0.8s	33.00nm			5.1mb	
	E	20s	0.60um						eS	33	10.00			Z	15s	1.78um			5.1MsZ	
		ePPP	31	49.00					eS	37	34.00			N	15s	1.15um				
		eS	35	25.00			KSP	38.96	315	iPc	31	39.60	0.4		E	12s	0.71um			
		eSS	37	06.00			KAF	39.12	335	iP	31	40.00	-0.3	HFS	43.38	328	eP	32	14.50	-0.8
MOS	30.48	334	iPd	30	27.00	0.6		1.1s	37.00nm			5.1mb			1.5s	106.80nm			5.4mb	
	2.0s	430.00nm			5.9mb		LJU	39.17	307	eP	31	41.00	0.0		Z	15s	0.33um			4.4MsZ
	Z	11s	1.30um		4.8MsZ		VOY	39.62	307	eP	31	44.20	-0.6			LR	49	52.00		
VRI	30.86	310	ePc	30	30.00	0.1	AZI	39.63	301	P	31	45.60	0.8	SLE	43.48	309	ePc	32	15.20	-1.1
CVO	31.21	310	ePd	30	34.00	1.0	TRI	39.67	307	eP	31	44.10	-1.0	MMK	43.73	307	P	32	18.59	-0.1
MLR	31.26	309	iPd	30	35.00	1.4			e	33	28.00		SBF	44.07	303	eP	32	20.30	-0.9	
MTUR	31.78	308	eP	30	38.00	-0.1			eLR	44	48.00			1.3s	59.95nm				5.2mb	
COZ	32.30	308	ePc	30	38.00	-4.7X	AQU	39.67	301	P	31	46.10	0.8	KEV	44.12	344	iP	32	22.00	0.9
UER	32.71	39	iP	30	45.00	-0.9	PRU	39.85	313	eP	31	46.50	-0.1		0.8s	30.80nm			5.2mb	
	1.5s	88.00nm			5.4mb		N	12s	0.50um					DIX	44.12	307	P	32	21.28	-0.6
		e		32	03.00		E	12s	0.30um					DOI	44.20	304	P	32	20.80	-1.5
		eS		36	04.00				e	33	05.00			CIT	44.32	45	eP	32	24.00	0.8
VAY	32.76	301	iP	30	47.00	0.4	ARV	40.06	303	P	31	49.10	0.7	CDF	44.34	310	eP	32	22.20	-1.2
VAY	32.76	301	iP	30	54.20	7.6X	KBA	40.13	309	iPd	31	49.30	0.2		0.9s	12.30nm			4.7mb	
	1.7s	159.00nm			5.6mb			1.2s	38.20nm			5.0mb	LPG	44.56	306	eP	32	24.50	-1.0	
		i		31	10.70				i	31	55.40			1.7s	89.70nm				5.3mb	
GTA	33.21	63	P	30	50.50	-0.2	GEC2	40.17	311	ePc	31	49.30	0.0	LPL	44.58	306	eP	32	24.50	-1.0
	1.8s	140.00nm			5.6mb			0.9s	23.65nm			4.9mb		1.5s	71.05nm				5.3mb	
	Z	16s	2.86um		5.1MsZ				e	31	53.70				71.05nm					
	E	12s	1.15um						e	31	56.70			BNI	44.61	305	Pd	32	24.80	-0.9
		sP	31	08.00					e	32	04.50			BSF	44.62	309	eP	32	24.50	-1.2
		S	36	12.00			MNS	40.21	301	P	31	49.70	0.0	FRF	44.64	303	eP	32	24.50	-1.3
OHR	34.06	300	iP	30	55.20	-2.8	ASS	40.25	302	P	31	51.70	1.7	LMR	44.75	303	eP	32	25.30	-1.3
UZH	34.60	313	ePc	31	03.00	0.6	KHC	40.30	312	P	31	50.00	-0.3	NB2	44.85	328	P	32	26.40	-0.8
	1.8s	210.00nm			5.8mb			1.5s	35.50nm			4.9mb			1.1s	25.00nm			5.0mb	
		e		31	15.50				e	32	10.90			LRG	44.85	303	eP	32	26.30	-1.1
PSZ	35.94	311	ePc	31	13.50	-0.4			e	34	11.60			HAU	44.93	309	eP	32	27.30	-0.8
PUL	36.10	334	ePd	31	16.00	1.0	GYA	40.39	83	iPc	31	51.40	0.0	WTS	45.01	315	eP	32	29.00	0.4
	1.6s	80.00nm			5.4mb			1.4s	32.00nm			4.9mb			1.6s	67.00nm			5.3mb	
	Z	15s	1.00um		4.7MsZ		Z	20s	1.06um			4.7MsZ		ENN	45.42	313	eP	32	36.00	4.2X
	N	14s	1.20um				N	14s	0.57um						1.0s	14.00nm			4.8mb	
	E	16s	0.50um				E	14s	1.10um					IPM	45.64	116	ePc	32	34.50	0.4
		e		32	42.00				S	38	02.00			QIZ	45.67	92	P	32	35.60	1.3
		ePPP	32	59.00					e	32	25.00					PP	34	25.00		
		e		33	41.00		BRG	40.42	315	eP	31	52.20	1.0	BOD	45.79	37	iPd	32	34.20	-0.5
		eS		36	53.00			2.0s	65.00nm			5.0mb		BJI	45.80	62	eP	32	34.50	-0.5
		(SS)	39	20.00					e	32	25.00			Z	16s	1.17um			4.9MsZ	
CHG	36.36	99	eP	31	16.90	-0.8	RSM	40.44	304	P	31	52.40	0.9		N	14s	0.83um			
	1.5s	45.14nm			5.2mb		FVI	40.45	308	P	31	51.50	0.0			eS	39	16.00		
LZH	36.38	69	Pd	31	17.40	-0.5	BHG	40.53	310	iPd	31	52.30	0.1			eSS	42	32.00		
	2.0s	140.00nm			5.5mb			1.3s	103.00nm			5.4mb		WHN	45.90	75	eP	32	38.00	2.2
	Z	16s	1.66um		4.9MsZ		XAN	40.72	71	P	31	53.00	-1.0		Z	18s	1.57um			5.0MsZ
	E	12s	0.97um					1.0s	19.00nm			4.8mb			E	14s	1.35um			
		pP	31	26.50	31kmX			Z	18s	1.24um			4.8MsZ			pP	32	43.20	17kmX	
		sP	31	31.20				N	13s	0.83um						eS	39	20.00		
		PP	32	43.50				E	13s	0.71um				LBF	46.51	308	eP	32	39.80	-0.8
		eS		36	59.00				sP	32	07.40				1.1s	38.10nm				5.3mb
UZD	36.50	309	eP	31	19.00	0.4	CRE	40.79	303	P	31	55.00	0.5	LOR	46.59	308	eP	32	40.30	-0.9
OJC	36.64	315	eP	31	20.20	0.5	PGD	40.97	304	P	31	57.09	1.1		1.4s	51.85nm				5.3mb
	1.0s	68.00nm			5.5mb			1.5s	154.40nm			5.5mb		Z	22s	0.20um				4.0MsZ
		e		31	23.70		BTO	41.07	61	eP	31	57.50	0.6	SMF	46.60	307	eP	32	40.60	-0.7
CD2	36.89	77	eP	31	22.60	0.5		N	13s	0.58um					1.5s	147.80nm				5.7mb
	Z	20s	1.03um		4.6MsZ			E	14s	1.20um				SSF	46.83	308	eP	32	42.50	-0.6
SRO	36.94	311	eP	31	20.30	-2.0			eS	38	12.00				1.5s	114.40nm				5.6mb
KMI	37.37	87	Pd	31	26.00	-0.4	CLL	41.09	315	iPc	31	57.10	0.4	AVF	46.94	308	eP	32	43.20	-0.7
	2.0s	170.00nm			5.6mb			1.7s	145.00nm			5.4mb			1.3s	41.15nm				5.3mb
	Z	16s	1.20um		4.8MsZ		FIR	41.30	303	eP	31	59.00	0.5	TIA	47.04	67	eP	32	45.30	0.4
	N	10s	0.50um				UPP	41.46	329	iP	31	58.10	-1.5		Z	18s	1.29um			4.9MsZ
	E	10s	0.40um				MME	41.72	304	P	32	02.80	0.5			eS	39	36.00		
		eS		37	17.00		BDI	41.79	304	P	32	02.00	-0.6	BCAO	47.28	246	iPc	32	45.30	-1.7
TDS	37.38	297	P	31	26.70	0.7	MOX	4												

11d 18h

	id	34	39.00	
BGF	47.29 307 eP	32	46.00	-0.7
MAF	47.49 307 eP	32	47.90	-0.4
	1.4s 50.95nm		5.3mb	
TCF	47.73 307 eP	32	49.70	-0.5
	1.3s 33.20nm		5.2mb	
CAF	47.89 305 eP	32	51.10	-0.4
	1.4s 61.45nm		5.4mb	
LSF	48.20 307 eP	32	53.30	-0.6
	1.1s 17.85nm		5.0mb	
RJF	48.25 306 eP	32	54.10	-0.2
	1.6s 110.70nm		5.6mb	
LPO	48.52 305 eP	32	55.90	-0.5
	1.1s 19.05nm		5.0mb	
LFF	48.82 305 eP	32	58.30	-0.3
	1.1s 39.30nm		5.4mb	
LDF	49.26 310 eP	33	01.20	-0.8
NJ2	49.29 72 eP	32	59.00	-3.3X
	E 15s 0.70um			
MFF	49.35 307 eP	33	01.70	-1.0
FLN	49.50 310 eP	33	02.90	-0.9
	1.1s 43.95nm		5.4mb	
	Z 23s 0.20um		4.1MsZ	
GRR	49.76 310 eP	33	05.10	-0.7
	1.6s 131.20nm		5.7mb	
LPF	49.89 309 eP	33	06.00	-0.8
ECHE	50.69 298 eP	33	13.20	0.1
SNY	51.17 59 eP	33	17.80	1.3
	1.0s 13.00nm		4.8mb	
	Z 14s 1.65um		5.2MsZ	
	E 13s 1.04um			
	sP	33	28.50	
	eS	40	32.00	
EVIA	52.03 297 eP	33	23.00	-0.3
ENIJ	52.13 295 eP	33	24.00	0.0
EHUE	52.26 296 eP	33	24.50	-0.5
CN2	52.26 56 eP	33	25.00	0.2
	1.4s 26.00nm		5.0mb	
	Z 18s 2.68um		5.3MsZ	
	N 14s 0.42um			
	E 14s 0.72um			
GUD	52.92 300 eP	33	29.40	-0.6
TOL	52.98 299 iPd	33	29.70	-0.6
EBAN	53.11 297 eP	33	31.00	-0.3
ECOG	53.13 296 iPc	33	30.40	-1.1
EGUA	53.22 295 iPc	33	31.00	-1.1
ELUO	53.61 297 eP	33	34.30	-0.6
MAL	53.91 296 iPc	33	35.50	-1.5
YAK	54.12 33 iPc	33	36.00	-2.2
	2.0s 171.00nm		5.7mb	
	Z 18s 0.80um		4.8MsZ	
	E 17s 0.60um			
	e	35	35.00	
EHOR	54.31 297 eP	33	38.50	-1.5
EPLA	54.48 300 iPd	33	41.00	-0.2
EPRU	54.49 296 eP	33	39.50	-1.9
EJIF	54.80 295 eP	33	42.50	-1.1
ERUA	54.82 303 iPd	33	43.50	-0.2
TIK	54.90 21 eP	33	44.00	0.1
	2.0s 102.00nm		5.5mb	
	Z 15s 1.50um		5.2MsZ	
	eS	41	28.00	
EVAL	55.53 297 iPc	33	47.50	-1.4
STS	55.74 304 eP	33	49.20	-1.1
BUL	58.72 216 iPc	34	12.60	0.8
	0.8s 8.21nm		4.9mb	
MAT	63.44 62 (P)	34	41.00	-2.4
SLR	63.60 213 eP	34	42.50	-2.2
	1.4s 34.88nm		5.3mb	
KIC	65.66 263 P	34	52.74	-5.5X
	1.2s 44.50nm		5.4mb	
TIC	65.76 263 P	34	54.20	-4.7X
	1.3s 47.00nm		5.4mb	
LIC	65.98 263 P	34	55.16	-5.0X
	1.2s 29.50nm		5.3mb	
WIN	67.06 224 iPd	35	07.60	0.4
	1.0s 13.00nm		5.0mb	
BLF	67.44 213 iPd	35	08.70	-0.7
	0.8s 18.75nm		5.2mb	
KIM	67.81 214 iPc	35	12.50	0.8
	1.3s 48.08nm		5.4mb	
KDS	69.17 273 iP	35	18.80	-1.5
MBC	73.97 0 eP	35	48.00	0.1
	1.0s 27.00nm		5.2mb	
BRW	75.54 12 (P)	35	50.93	-6.1X
IMA	80.61 14 eP	36	13.00	-12.2X
	1.8s 97.40nm			

IMA	80.61 14 eP	36	25.01	-0.2
	1.7s 46.96nm		5.2mb	
FBA	82.78 12 eP	36	24.60	-11.7X
TTA	82.81 16 eP	36	25.10	-11.5X
TTA	82.81 16 eP	36	37.62	1.0
	1.6s 61.23nm		5.4mb	
SVW	84.46 17 eP	36	33.70	-11.3X
SVW	84.46 17 eP	36	45.91	0.9
	1.8s 122.01nm		5.8mb	
PWA	85.32 14 eP	36	37.00	-12.2X
	1.3s 123.10nm			
PMR	85.53 14 eP	36	50.26	0.0
	1.6s 150.99nm		6.0mb	
	Z 19s 0.58um		5.0MsZ	
TOA	85.64 12 eP	36	40.10	-10.8X
KLU	86.25 12 ePd	36	55.21	1.2
SLKM	86.27 15 eP	36	54.06	0.0
WRA	86.46 115 P	36	56.00	0.5
	0.9s 2.20nm		4.4mb	
WB2	86.47 115 eP	36	57.10	1.5
	0.6s 4.70nm		4.9mb	
BALM	87.31 11 eP	37	00.34	1.1
YKA	87.71 358 eP	37	01.00	0.1
	1.0s 10.20nm		5.1mb	
ASPA	88.18 119 iPc	37	03.40	-0.4
	1.3s 13.90nm		5.1mb	
SIT	92.18 9 P	37	30.00	8.1X
	Z 19s 1.20um		5.4MsZ	
RSNY	95.30 330 P	37	50.00	13.4X
	Z 22s 0.11um		4.3MsZ	
HRV	95.53 327 P	37	50.00	12.4X
	Z 20s 0.18um		4.5MsZ	
LVNJ	98.36 327 (PDIF)	37	47.31	-3.1X
GOL	109.42 349 PKP	42	50.00	6.4X
	Z 21s 0.41um		5.0MsZ	
BONR	112.35 359 (PKP)	42	31.25	-18.0X
HON	116.76 41 PKP	43	10.00	12.3X
	Z 20s 0.47um		5.1MsZ	
ZOBO	131.43 274 PKP	43	26.30	-0.4
	Z 20s 0.18um		4.8MsZ	
	LR	29	12.00	
LPB	131.51 274 (PKP)	43	19.00	-7.6X
CNCB	131.53 274 PKP	43	27.00	0.2
	S.D. = 1.0 on 208 of 241 obs.			

& SEP 11, 1992 18h 58m 21.92s				
35.031 N 116.973 W				
DEPTH = 3.6km				
CENTRAL CALIFORNIA (39)				
<PAS-P>. ML 3.7 (PAS), 3.2 (GS).				
Felt (III) at Daggett. Also felt				
at Barstow.				
SSK	1.01 216 ePd	58	40.58	-1.2
	eS	58	54.03	
PEC	1.15 188 iPd	58	43.02	-1.0
	eS	58	57.54	
PLM	1.68 177 (Pn)	58	50.93	-1.5
	ePg	58	52.81	
ABL	1.86 265 ePn	58	53.18	-1.8
	ePg	58	55.88	
TPNV	2.00 17 ePn	58	54.44	-2.7
	ePn	58	59.63	
BCH	2.56 274 eP	59	03.01	-2.0
GLA	2.66 137 ePn	59	02.23	-4.2
	ePg	59	10.56	
PKEM	2.76 293 (P)	59	05.62	-2.2
PHAM	2.91 287 (P)	59	08.48	-1.5
TNP	3.05 356 (Pn)	59	09.12	-3.0
	ePg	59	18.07	
CM8	4.07 318 (P)	59	24.28	-2.1
ARN	4.35 303 ePn	59	29.50	-1.0
MSU	5.19 47 eP	59	41.47	-1.0
DUG	6.12 31 (P)	00	04.03	8.5
SRU	6.57 50 (P)	00	03.50	1.6
	15 obs. associated			

SEP 11, 1992 19h 07m 33.87±0.64s				
38.738 N ± 5.5km 22.906 E ± 6.3km				
DEPTH = 5.0km (geophysicist)				
GREECE (364)				
MD 3.4 (ATH), 3.1 (THE).				
AGG	0.53 302 iPg	07	42.80	-1.7
	iSg	07	49.72	
ATH	1.00 140 ePg	07	54.00	0.8
	eSg	08	09.50	

PAIG	1.33 27 iPbc	07	58.68	-0.2
	iSb	08	20.68	
LIT	1.40 347 iPbc	07	59.56	-0.5
	iSb	08	21.52	
KZN	1.80 331 iPbc	08	05.50	-0.3
OUR	1.80 27 iPbc	08	05.46	-0.3
THE	1.89 1 ePn	08	06.52	-0.6
	iSn	08	33.12	
VLS	1.90 254 ePg	08	07.50	0.2
VLI	2.02 179 ePn	08	07.50	-1.4
SOH	2.11 9 ePn	08	10.52	0.2
GRG	2.25 350 ePn	08	11.48	-0.9
	iSn	08	43.25	
FNA	2.36 331 ePn	08	14.02	0.1
	iSn	08	45.17	
KNT	2.42 360 ePn	08	14.72	0.0
SRS	2.43 12 ePn	08	14.50	-0.4
SRN	2.53 298 ePn	08	17.60	1.4
VAY	2.59 354 iPn	08	17.60	0.5
KEK	2.60 293 ePg	08	20.50	3.2X
OHR	2.87 326 ePn	08	20.00	-1.2
BERA	3.01 312 ePn	08	24.30	1.3
SKO	3.42 341 ePn	08	28.00	-0.9
	i	08	37.80	
	eSn	09	27.50	
PHP	3.50 328 ePn	08	27.90	-2.1
TIR	3.50 319 ePn	08	31.00	1.0
KKS	3.84 331 ePn	08	37.50	2.6
SDA	4.21 323 ePn	08	41.40	1.3
MLR	7.12 18 ePd	09	22.50	1.2
	S.D. = 1.2 on 24 of 25 obs.			

* SEP 11, 1992 19h 15m 40.67±0.85s				
38.767 N ± 8.5km 22.823 E ± 9.9km				
DEPTH = 5.0km (geophysicist)				
GREECE (364)				
MD 3.0 (ATH).				
AGG	0.46 304 iPc	15	49.60	-0.3
	iS	15	55.60	
ATH	1.06 138 ePg	16	01.00	-0.1
	eSg	16	16.00	
LIT	1.36 349 eP	16	06.40	0.2
	iS	16	30.20	
KZN	1.74 332 ePb	16	13.90	2.1X
VLS	1.85 252 ePn	16	13.60	0.3
VLI	2.05 177 ePn	16	16.10	-0.1
	S.D. = 0.3 on 5 of 6 obs.			

* SEP 11, 1992 19h 23m 11.12±0.91s				
37.712 N ± 8.7km 142.209 E ± 11.4km				
DEPTH = 33.0km (normal)				
4.3mb (10 obs.)				
OFF EAST COAST OF HONSHU, JAPAN (229)				
OFUJ	1.43 343 iPd	23	34.80	-0.2
YAMJ	1.78 286 P	23	39.50	-0.5
KAKJ	2.22 228 P	23	47.50	1.2
	eS	24	12.20	
NIJ	2.59 261 iPd	23	52.10	0.4
CHJJ	3.07 238 P	23	59.20	0.8
ADMJ	3.18 334 eP	24	00.40	0.4
MAT	3.40 251 iPd	24	04.50	1.3
	iS	24	48.50	
MTMJ	3.69 254 P	24	08.90	1.5
HOJ	4.74 10 eP	24	23.60	1.6
	eS	25	12.70	
MRRJ	4.79 350 eP	24	25.00	2.3
	eS	25	18.40	
TSRJ	5.46 248 P	24	34.60	2.4
KUSJ	5.71 19 eP	24	34.90	-0.8
	eS	25	36.00	
ASAJ	6.41 3 eP	24	46.80	1.2
MDJ	11.74 310 eP	26	00.60	1.4
SSE	18.54 255 P	27	26.10	-0.9
BJI	20.38 285 eP	27	43.00	-4.6X
XAN	27.14 272 P	28	51.50	-1.7

DMN 48.47 276 PKP 31 50.82 -2.0
 GKN 48.66 276 PKP 31 53.30 -0.9
 KSH 50.73 294 P 32 10.30 0.5
 WB2 57.82 189 iPd 33 02.60 0.9
 0.6s 4.50nm 4.7mb
 GBA 61.90 266 P 33 28.80 -1.1
 YKA 62.90 31 eP 33 26.50 -9.4X
 0.9s 1.20nm 4.0mb
 KAF 68.00 333 eP 34 07.10 -1.6
 0.4s 1.20nm 4.3mb
 NUR 69.65 332 eP 34 17.50 -1.4
 0.5s 2.10nm 4.5mb
 HFS 73.73 336 eP 34 42.50 -0.7
 0.4s 0.90nm 4.1mb
 NB2 73.81 338 P 34 43.20 -0.5
 0.7s 2.10nm 4.2mb
 GEC2 82.47 329 eP 35 31.50 0.0
 0.5s 0.56nm 3.9mb
 35 45.20
 ZOBO 145.80 60 PKP 42 51.00 1.9
 LPB 146.00 60 ePKP 43 05.00 15.8X
 CNCB 146.27 60 PKP 42 53.90 4.1X
 S.D. = 1.4 on 34 of 38 obs.

? SEP 11, 1992 19h 44m 24.52±0.89s
 18.324 S ±16.7km 167.085 E ±13.7km
 DEPTH = 33.0km (normol)

VANUATU ISLANDS (186)

BKM 1.28 60 iPc 44 46.90 0.7
 IS 45 06.50
 PVC 1.30 64 iPd 44 45.90 -0.6
 IS 45 04.00
 DZM 3.78 189 iPd 45 22.00 0.1
 IS 46 06.60
 ASPA 31.39 254 iPd 50 45.70 0.9
 0.4s 2.60nm 5.4mb
 MEEK 45.33 250 eP 52 40.50 -1.0
 S.D. = 1.1 on 5 of 5 obs.

SEP 11, 1992 19h 52m 55.98±0.63s
 24.253 S ±6.5km 67.185 W ±10.4km
 DEPTH = 202.4 ±12.7 km

CHILE-ARGENTINA BORDER REGION (127)

SLA 1.61 107 iPc 53 31.50 0.1
 S 53 57.00
 YJA 2.59 37 iPd 53 41.00 -0.9
 S 54 14.50
 ANT 3.00 280 iP 53 47.00 0.8
 IS 54 22.50
 RTPR 6.06 174 iPc 54 24.70 0.1
 RTLL 7.14 189 ePd 54 39.60 0.7
 TCA 7.42 163 iP 54 42.00 -0.7
 CNCB 7.44 354 iPc 54 44.00 0.5
 S 56 06.00
 ZOBO 7.97 353 Pc 54 49.70 -0.9
 S 56 17.20
 MRA 8.23 171 eP 54 52.10 -1.1
 PPD 14.77 85 (P) 56 19.00 2.5
 BAO 19.96 68 Pd 57 13.50 -1.0
 BDF 20.02 68 Pd 57 15.00 -0.1
 S.D. = 1.2 on 12 of 12 obs.

SEP 11, 1992 20h 20m 05.73±0.53s
 29.668 N ±8.0km 51.144 E ±6.1km
 DEPTH = 26.1km (3 depth phases)
 4.6mb (21 obs.) 4.2Msz (3 obs.)

SOUTHERN IRAN (353)

DHR 3.47 195 eP 21 05.00 5.7X
 KER 5.79 325 eP 21 34.00 1.7
 TEH 6.06 2 eP 21 40.00 4.0X
 RYD 6.37 220 eP 21 42.00 1.6
 MJMA 6.43 235 eP 21 41.33 0.1
 QASM 7.62 244 eP 21 56.33 -1.6
 TAB 9.28 336 eP 22 21.00 -0.1
 e 23 03.00
 KAT 10.40 23 eP 22 22.00 -14.3X
 eS 24 30.00
 ERE 11.82 334 eP 22 52.00 -3.6X
 eS 25 12.00
 BHL 13.83 292 P 23 24.00 1.5
 S 27 46.00
 GRO 14.34 344 iPc+ 23 31.00 2.1
 2.0s 140.00nm 5.2mb
 Z 16s 1.50um 4.8Msz

N 14s 1.50um
 PYA 15.72 338 eP 23 47.00 0.1
 KIV 15.77 337 eP 23 48.80 1.1
 CSS 15.95 294 eP 23 50.70 0.7
 KSH 22.60 58 P 25 08.50 2.8
 Z 16s 2.38um 4.7MszX
 N 10s 0.67um
 E 10s 1.32um
 pP 25 18.50 37kmX
 KIS 24.47 321 eP 25 24.00 0.4
 e 26 06.00 218kmX
 e 29 30.00
 VRI 25.04 317 ePd 25 30.50 1.4
 MLR 25.32 316 iPc 25 34.00 2.1
 MTUR 25.73 314 eP 25 23.10 -12.6X
 SKO 26.89 305 eP 25 46.20 -0.2
 1.5s 53.00nm 4.9mb
 i 25 58.70 49kmX
 OHR 27.11 303 eP 25 49.20 0.8
 ARU 27.24 9 eP 25 56.00 6.7X
 OBN 27.48 342 iPc 25 51.50 0.0
 1.0s 21.00nm 4.8mb
 Z 18s 0.50um 4.1Msz
 N 18s 0.20um

e 26 07.20 66kmX
 MOS 27.78 344 eP 25 54.00 -0.3
 GKN 29.33 85 P 26 07.86 -0.9
 DMN 29.82 86 P 26 13.62 0.4
 KKN 29.93 85 P 26 13.86 -0.4
 PKI 30.09 85 P 26 14.42 -1.3
 GUN 30.43 85 P 26 14.58 -4.2X
 SRO 31.05 315 eP 26 21.30 -2.2
 OJC 31.25 320 eP 26 25.70 0.4
 ZST 31.95 315 eP 26 30.50 -1.0
 VBY 32.22 309 e(P) 26 34.50 0.6
 LJU 32.86 310 e(P) 26 40.00 0.5
 KSP 33.52 319 eP 26 45.20 0.1
 KBA 33.95 311 iPc 26 49.20 0.1
 1.2s 16.80nm 4.8mb
 i 26 57.70 29kmX
 GEC2 34.29 315 eP 26 49.80 -2.1
 0.7s 1.25nm 4.0mb
 e 26 54.40 16kmX
 e 26 56.40
 e 27 05.00
 e 27 12.60
 KHC 34.47 315 eP 26 52.80 -0.6
 1.4s 17.50nm 4.8mb
 e 27 07.50 58kmX
 e 27 36.00
 BRG 34.89 318 eP 26 58.00 1.1
 NUR 35.57 338 eP 26 59.90 -2.7
 0.4s 1.60nm 4.3mb
 CLL 35.61 318 iP 27 02.90 -0.1
 1.9s 25.00nm 4.8mb
 GRF 36.10 315 eP 27 05.00 -2.3
 KAF 36.29 341 eP 27 06.30 -2.3
 0.3s 0.90nm 4.1mb
 SBF 37.33 304 eP 27 20.20 2.5
 0.8s 9.40nm 4.7mb
 LPG 38.05 307 eP 27 24.10 0.1
 0.9s 6.70nm 4.5mb
 LPL 38.07 307 eP 27 24.00 -0.1
 0.6s 3.45nm 4.4mb
 BSF 38.44 311 eP 27 24.50 -2.6
 0.5s 3.00nm 4.3mb
 HFS 39.45 331 eP 27 32.70 -2.4
 0.4s 2.10nm 4.2mb
 Z 18s 0.16um 3.9Msz
 LR 43 22.00
 SMF 40.22 308 eP 27 41.60 -0.1
 0.8s 8.85nm 4.5mb
 SSF 40.51 309 eP 27 43.40 -0.6
 GTA 40.83 63 eP 27 48.00 1.0
 2.0s 27.00nm 4.6mb
 Z 16s 0.57um 4.5MszX
 E 15s 0.48um

sP 28 02.00
 N82 40.97 332 P 27 45.30 -2.4
 0.6s 1.10nm 3.8mb
 KEV 42.43 348 eP 27 59.00 -0.5
 LZH 44.28 67 eP 28 16.50 1.3
 2.0s 34.00nm 4.9mb
 Z 18s 0.59um 4.5Msz
 E 12s 0.29um
 pP 28 24.50 27kmX
 CHG 44.63 93 eP 28 22.90 4.8X

MAL 46.47 294 eP 28 34.00 1.6
 XAN 48.72 69 P 28 49.50 -0.6
 pP 28 56.30 23km
 BOD 51.16 38 eP 29 09.20 0.8
 1.1s 14.00nm 4.8mb
 KIC 57.36 258 P 29 54.62 0.2
 0.8s 7.50nm 4.8mb
 MBC 74.18 358 eP 31 46.50 5.3X
 YKA 87.45 353 eP 32 57.50 5.7X
 0.8s 2.00nm 4.4mb
 S.D. = 1.4 on 51 of 61 obs.

* SEP 11, 1992 21h 06m 00.81±0.59s
 4.374 S ±10.8km 104.650 W ±11.6km
 DEPTH = 10.0km (geophysicist)
 4.8mb (11 obs.) 5.0Msz (16 obs.)

CENTRAL EAST PACIFIC RISE (694)

CENTROID, MOMENT TENSOR (HRV)

Dot Used: GDSN

L.P.B.: 20S, 36C

Centroid Location:

Origin Time 21:06: 6.4 0.4

Lat 4.335 0.04 Lon 105.11W 0.03

Dep 15.0 FIX Half-duration 1.5

Moment Tensor: Scale 10**17 Nm

Mrr=-0.15 0.06 Mtt=0.74 0.06

Mff=-0.59 0.08 Mrt=-0.86 0.18

Mrf=-0.38 0.19 Mtf=2.11 0.06

Principal Axes:

T Val= 2.59 Plg=18 Azm=145

N -0.43 71 304

P -2.16 6 52

Best Double Couple: Mo=2.4*10**17

NP1:Strike=187 Dip=73 Slip= 171

NP2: 280 82 18

COLM 23.43 2 (P) 11 19.50 8.3X

NNA 28.52 107 eP 12 10.00 11.1X

1.1s 18.99nm

SDV 36.38 69 eP 13 08.10 0.4

TUC 36.94 351 P 13 12.40 0.3

0.5s 1.07nm 3.9mb

TOV 37.47 68 eP 13 16.40 -0.3

ZOBO 37.75 111 Pc 13 19.00 -0.7

Z 20s 1.87um 4.9Msz

S 19 20.00

LR 22 12.00

LPB 37.84 111 eP 13 28.00 7.8X

Z 16s 2.02um 5.0MszX

LR 22 06.00

CNCB 38.02 112 P 13 21.00 -0.9

ALO 39.14 358 eP 13 33.00 2.4

1.0s 10.00nm 4.4mb

ALO 39.14 358 P 13 40.00 9.4X

Z 19s 0.86um 4.6Msz

OLY 41.55 16 P 13 51.10 0.9

BCH 41.94 341 P 13 50.70 -2.9

PWLA 42.14 20 P 13 55.70 0.6

TPNV 42.51 346 P 14 10.00 11.7X

Z 19s 6.66um 5.5Msz

PRM 43.66 27 (P) 14 08.58 1.1

GOL 43.86 359 P 14 20.00 10.7X

Z 19s 1.21um 4.8Msz

BONR 43.98 344 P 14 11.70 1.3

FVM 44.17 16 P 14 20.00 8.5X

Z 19s 2.29um 5.1Msz

GBTN 44.20 24 P 14 13.40 1.5

ARN 44.39 341 (P) 14 14.33 0.9

CM8 44.65 342 eP 14 15.73 0.2

LHS 44.70 28 (P) 14 16.37 0.5

SLM 44.83 16 P 14 30.00 13.1X

Z 20s 1.02um 4.7Msz

DAU 44.98 353 eP 14 18.83 0.4

DUG 44.98 351 P 14 19.10 0.8

1.2s 12.85nm 4.7mb

ORV 46.39 342 eP 14 29.58 0.3

HVU 46.53 352 eP 14 31.07 0.6

CEH 46.67 29 P 14 40.00 8.6X

Z 20s 2.07um 5.1Msz

BLA 47.13 27 P 14 26.40 -8.8X

0.4s 3.32nm 4.8mb

BW06 47.14 355 eP 14 35.00 -0.4

0.8s 4.76nm 4.6mb

LBFM 48.15 343 eP 14 42.43 -0.9

RSSD 48.28 1 P 14 43.60 -0.7

1.0s 11.86nm 4.9mb

JFWS 48.84 14 P 15 00.00 11.6X

11d 21h

Z 18s 0.40um 4.4Msz
 MCWV 49.41 25 P 15 00.00 7.2X
 Z 22s 2.74um 5.2Msz
 LRM 50.46 353 eP 15 00.20 -0.8
 LON 53.12 345 eP 15 19.76 -1.2
 DPW 53.37 349 (P) 15 21.78 -0.9
 NEW 53.54 350 eP 15 21.50 -2.5
 1.0s 26.00nm 5.2mb
 SES 54.83 355 eP 15 33.00 -0.4
 HRV 55.48 29 P 15 50.00 11.9X
 Z 21s 1.55um 5.1Msz
 RSNY 55.69 26 P 15 50.00 10.4X
 Z 21s 1.39um 5.0Msz
 HON 58.16 298 P 16 00.00 2.5
 Z 19s 0.93um 4.9Msz
 SIT 66.10 342 P 17 00.00 9.9X
 Z 19s 0.60um 4.8Msz
 YKA 67.11 355 eP 16 55.50 -0.9
 1.5s 5.60nm 4.5mb
 SLKM 73.77 338 P 17 35.80 -1.1
 PMR 74.12 340 P 17 37.70 -1.1
 0.9s 12.79nm 5.0mb
 REF 74.68 338 P 17 41.40 -1.0
 CRP 74.98 338 P 17 43.30 -0.8
 SDN 75.07 331 P 17 50.00 5.6X
 Z 20s 0.79um 5.0Msz
 MBC 80.95 356 eP 18 17.00 0.6
 1.5s 23.00nm 5.0mb
 SPA 85.65 180 ePd 18 41.40 0.5
 1.0s 16.50nm 5.2mb
 SMY 88.16 323 P 19 00.00 7.0X
 Z 20s 3.13um 5.7Msz
 GTA 138.68 331 PKP 25 36.00 6.5X
 Z 22s 1.18um 5.6Msz
 E 16s 0.70um
 LZH 138.96 324 ePKP 25 30.50 0.4
 WMO 139.23 346 ePKP 25 37.00 6.7X
 CD2 142.42 318 ePKP 25 36.00 -0.3
 MAIO 145.04 23 ePKP 25 39.00 -1.7
 KSH 145.07 359 PKP 25 40.90 0.2
 KMI 146.57 311 ePKP 25 46.00 2.3
 LSA 150.71 331 ePKP 25 56.30 6.0X
 CHG 152.85 304 ePKP 25 54.00 0.8
 S.D. = 1.2 on 41 of 61 obs.

? SEP 11, 1992 21h 33m 10.77±0.84s
 22.429 S ±29.6km 174.952 W ±15.4km
 DEPTH = 30.6km (7 depth phases)
 5.1mb (12 obs.) 5.2Msz (5 obs.)
 TONGA ISLANDS REGION (174)

SVA 7.53 304 eP 35 14.00 12.8X
 VUN 7.59 304 iPd 35 09.60 7.5X
 BKM 16.48 284 iPc 37 10.50 9.1X
 DZM 17.23 268 iPc 37 16.60 5.7X
 CTA 36.16 266 iPd 40 13.00 0.4
 ASPA 46.87 258 iPd 41 40.30 0.0
 0.9s 16.00nm 5.0mb
 WB2 47.16 263 iPc 41 41.10 -1.5
 0.9s 14.60nm 5.0mb
 WARB 52.98 253 eP 42 26.00 -1.1
 MBL 60.12 258 eP 43 17.00 -1.0
 NANU 63.64 255 eP 43 41.00 -0.6
 SPA 67.71 180 iPd 44 12.10 4.8X
 1.1s 17.86nm 5.1mb
 Z 19s 1.35um 5.2Msz
 BONR 80.23 42 (P) 45 21.88 1.5
 pP 45 30.22 27km
 MAW 80.70 199 eP 45 26.00 4.0X
 1.0s 12.00nm 4.9mb
 TUC 81.97 50 (P) 45 30.96 1.6
 1.1s 4.92nm 4.5mb
 ARUT 83.21 45 eP 45 35.69 -0.1
 RMW 84.38 33 eP 45 40.42 -0.9
 pP 45 50.62 32km
 MSU 84.45 44 ePc 45 42.31 0.2
 pP 45 52.78 33km
 SLKM 85.06 12 eP 45 42.46 -1.9
 iPd 45 53.44 35km
 CN2 85.56 321 eP 45 47.00 -0.2
 1.0s 8.60nm 4.9mb
 Z 18s 0.99um 5.2Msz
 TTA 86.38 9 ePd 45 48.41 -2.6
 1.5s 21.98nm 5.2mb
 pP 45 59.66 36km
 ALO 86.42 50 eP 45 52.08 0.1
 1.0s 7.89nm 4.9mb

BJI 89.26 314 eP 46 01.56 30km
 Z 22s 0.93um 5.2Msz
 GYA 90.06 299 P 46 11.60 2.2
 Z 30s 1.02um 5.1MszX
 S 56 50.00
 TIY 90.68 311 eP 46 12.40 0.5
 Z 22s 2.61um 5.6Msz
 XAN 91.55 306 P 46 16.50 0.5
 1.1s 24.00nm 5.5mb
 SES 91.78 35 eP 46 15.00 -1.6
 HHC 92.73 313 P 46 21.60 0.3
 1.2s 17.00nm 5.4mb
 Z 22s 1.03um 5.2Msz
 KMI 92.75 296 eP 46 29.00 7.1X
 1.6s 40.00nm 5.6mb
 pP 46 36.00 22km
 BDT 92.91 287 eP 46 24.00 1.6
 CHG 93.56 289 eP 46 27.20 1.7
 BTO 93.66 313 P 46 26.80 1.2
 LZH 96.19 306 eP 46 37.50 0.1
 2.0s 27.00nm 5.4mb
 Z 27s 0.89um 5.1MszX
 E 17s 0.75um
 OJC 149.94 341 ePKP 52 54.60 0.2
 e 53 01.50
 KSP 150.31 346 ePKP 53 00.00 5.1X
 CLL 150.51 350 iPKP 53 00.00 4.8X
 1.4s 25.00nm
 i 53 11.90
 SPC 150.70 339 ePKP 52 56.00 0.2
 e 53 01.80
 VRI 150.71 328 ePKPd 53 01.00 5.3X
 BRG 150.77 348 ePKP 53 01.30 5.7X
 1.2s 22.00nm
 i 53 23.20
 HRI 150.89 298 ePKP 53 03.30 6.8X
 MLR 151.36 328 ePKPc 53 02.00 5.2X
 MOX 151.37 351 ePKP 53 02.50 6.0X
 1.9s 36.00nm
 PRU 151.50 347 PKPd 53 03.50 6.8X
 e 53 36.50
 DSI 151.56 295 ePKP 53 04.60 7.2X
 ENN 151.71 359 ePKP 53 04.00 7.0X
 0.8s 10.00nm
 MBH 152.28 292 ePKP 53 06.40 7.8X
 GRF 152.36 351 ePKP 53 06.00 8.0X
 KHC 152.51 348 PKPc 53 05.50 7.3X
 1.5s 13.40nm
 e 53 15.00
 e 53 39.00
 SRO 152.53 340 ePKP 53 07.50 9.3X
 ZST 152.54 342 e(PKP) 53 08.20 10.0X
 GEC2 152.76 347 ePKP 53 05.70 7.0X
 0.9s 1.55nm
 e 53 10.80
 e 53 16.20
 e 53 18.80
 e 53 25.80
 LJU 155.21 344 e(PKP) 53 02.50 0.5
 VOY 155.38 345 e(PKP) 53 01.80 -0.5
 VBY 155.52 342 e(PKP) 53 02.80 0.4
 S.D. = 1.2 on 30 of 53 obs.

SEP 11, 1992 21h 56m 47.11±0.65s
 44.032 N ±6.9km 11.788 E ±4.7km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)

PGD 0.16 197 Pd 56 52.40 1.4
 eSg 56 59.20
 CRE 0.42 164 P 56 56.40 0.7
 eSg 57 05.90
 FIR 0.46 237 eP 56 55.00 -1.5
 RSM 0.49 102 P 56 55.40 -1.7
 eSg 57 01.30
 MME 0.80 282 P 57 03.50 0.7
 eSg 57 15.50
 BDI 0.86 272 P 57 03.80 0.1
 eSg 57 17.80
 PII 0.97 252 P 57 05.70 0.3
 eSg 57 22.00
 ARV 0.99 122 P 57 04.90 -1.0
 ASS 1.15 146 P 57 09.00 0.3
 MNS 1.77 158 P 57 18.00 0.0
 BOB 1.83 294 P 57 17.60 -1.3
 FVI 2.66 15 P 57 23.30 -7.4X

VBY 2.88 58 eP 57 33.50 -0.3
 e(Sn) 58 00.50
 PTJ 3.50 56 eP 57 45.10 2.4
 S.D. = 1.3 on 13 of 14 obs.

SEP 11, 1992 22h 24m 52.28±0.16s
 4.153 N ±3.2km 126.464 E ±4.5km
 DEPTH = 46.1km (4 depth phases)
 5.4mb (61 obs.) 4.7Msz (16 obs.)
 TALAUD ISLANDS, INDONESIA (263)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 21S, 28C
 Centroid Location:
 Origin Time 22:25: 0.8 0.6
 Lat 4.75N 0.06 Lon 127.24E 0.06
 Dep 37.0 3.9 Half-duration 1.1
 Moment Tensor; Scale 10**16 Nm
 Mrr= 7.53 0.37 Mtt= 0.17 0.43
 Mff=-7.71 0.60 Mrt=-2.25 1.04
 Mrf= 3.42 0.98 Mtf= 0.86 0.45
 Principal Axes:
 T Val= 8.75 P1g=73 Azm=220
 N -0.11 11 349
 P -8.64 13 81
 Best Double Couple: Mo=8.7*10**16
 NP1: Strike=186 Dip=33 Slip= 110
 NP2: 342 59 77

DAV 3.05 343 eP 25 42.00 2.8
 TNE 3.44 165 ePd 25 45.10 0.4
 iS 26 23.00
 SWI 6.91 136 iPd 26 32.00 -1.6
 S 27 46.50
 TSM 8.57 271 ePd 26 59.00 2.3
 KKM 10.38 281 ePd 27 26.10 4.5X
 1.2s 348.80nm 6.4mb
 BAG 13.48 335 eP 28 09.20 5.9X
 KUG 14.49 191 eP 28 20.60 4.2X
 eS 30 49.30
 e 35 00.00
 KHKI 16.49 221 ePd 28 44.10 2.1
 e 33 57.10
 MTN 17.51 165 eP 28 51.00 -3.9X
 0.4s 117.00nm 5.4mb
 WWKK 18.81 114 eP 29 11.50 0.6
 KNA 19.91 173 eP 29 21.20 -1.8
 HKC 21.62 328 iP 29 42.80 2.3
 QIZ 21.96 314 P 29 44.00 0.1
 QZH 22.01 341 eP 29 44.50 0.1
 Z 23s 1.72um 4.4MszX
 S 33 40.00
 GZH 22.70 327 P 29 51.60 0.5
 KGM 23.21 265 eP 29 59.50 3.3X
 PMG 24.63 123 eP 30 08.00 -2.0
 WRA 25.17 162 P 30 14.19 -0.9
 0.6s 25.50nm 4.9mb
 IPM 25.37 272 ePd 30 17.60 0.6
 0.9s 46.20nm 5.0mb
 SNG 25.89 278 eP 30 23.00 1.1
 MBL 25.98 194 iPd 30 22.40 -0.2
 SSE 27.26 350 Pd 30 34.00 -0.2
 1.0s 63.00nm 5.2mb
 Z 20s 0.50um 4.1Msz
 E 14s 0.40um
 pP 30 47.50 54km
 LOE 27.58 300 iPc 30 37.20 -0.2
 NNT 27.72 289 eP 30 39.70 1.1
 OIS 27.74 153 eP 30 37.40 -1.3
 0.3s 12.00nm 5.0mb
 NST 28.31 296 eP 30 44.80 0.9
 ASPA 28.59 166 iPc 30 44.80 -1.6
 0.6s 11.50nm 4.7mb
 Z 21s 0.60um 4.2Msz
 iS 35 41.90
 NANU 28.62 201 iPd 30 46.10 -0.5
 WHN 28.63 338 P 30 46.50 -0.1
 1.0s 71.00nm 5.3mb
 Z 24s 2.84um 4.8MszX
 E 24s 3.43um
 sP 31 06.50
 NJ2 28.66 346 P 30 47.00 0.2
 1.0s 36.00nm 5.0mb
 pP 31 01.50 59kmX
 GYA 29.17 321 P 30 52.20 0.5
 pP 31 03.20 41km
 KHT 29.41 293 eP 30 56.00 2.2

BDT	29.90	298	eP	30	57.50	-0.6	CIT	48.87	349	eP	33	37.00	1.6		0.4s	16.70nm	5.8mb				
WARB	30.16	180	eP	31	00.00	-0.4	GBA	49.26	284	P	33	38.00	-0.7		MBC	91.60	13	eP	37	56.00	0.8
CHG	30.58	301	ePc	31	03.90	-0.3	ZAK	50.04	341	iPc	33	43.70	-0.5		MNK	91.91	324	eP	37	55.00	-1.9
	1.0s	57.50nm						1.6s	30.00nm				5.1mb	NUR	92.21	331	eP	37	57.70	-0.5	
		e	37	06.90					e	35	04.30				0.8s	42.00nm	5.9mb				
KMI	30.89	315	eSg	43	17.80		IRK	51.36	343	eP	33	51.00	-3.3X		VRI	93.81	316	ePc	38	05.50	-0.4
	1.0s	30.00nm						2.2s	48.00nm				5.1mb	SPA	94.13	180	iPd	38	08.20	1.1	
		pP	31	25.00	79kmX		Z	22s	0.52um				4.5Msz		1.0s	10.00nm	5.2mb				
CTA	30.96	142	P	31	09.60	2.1		N	18s	0.34um				MLR	94.41	316	ePc	38	08.00	-0.9	
MEEK	31.54	194	eP	31	11.10	-1.4			e	34	03.80			UPP	95.76	331	iP	38	13.40	-1.1	
TIA	33.04	346	Pd	31	25.50	0.0	MOY	51.91	340	eP	33	58.20	-0.2		UZH	96.20	320	iPd	38	17.00	0.2
XAN	33.92	333	iPc	31	31.50	-1.7	WMO	52.23	325	P	34	00.00	-1.1			1.0s	210.00nm	6.6mb	X		
	0.8s	110.00nm						1.0s	39.00nm				5.4mb	OJC	97.39	322	eP	38	22.30	0.2	
Z	20s	1.21um					Z	21s	1.36um				5.0Msz	HFS	97.52	332	eP	38	21.40	-1.1	
MAT	34.00	17	(P)	31	32.00	-1.8			pP	34	16.00	61kmX			1.0s	35.60nm	5.9mb				
	1.0s	13.00nm							sP	34	26.50			Z	19s	0.29um	4.8Msz				
CD2	34.15	324	P	31	34.40	-0.8			PcS	39	06.00					LR	23	08.00			
	1.0s	37.00nm							eS	41	14.00			PSZ	97.94	319	e(P)	38	25.90	1.1	
Z	20s	1.60um							ScS	43	44.00			BUL	98.78	250	iPd	38	28.30	-0.8	
MRWA	34.67	196	iPd	31	38.80	-0.9	NDI	52.67	303	iPc	34	02.50	-2.0			0.9s	12.18nm	5.4mb			
DL2	34.87	353	P	31	42.00	0.8	POO	53.32	290	iP	33	48.00	-21.5X		SRO	98.99	320	eP	38	28.00	-1.4
	1.0s	130.00nm					BOD	54.41	352	iPc	34	17.20	0.3		UZD	99.16	318	eP	38	30.00	-0.2
QLP	35.06	152	eP	31	42.10	-0.9			1.3s	135.00nm			5.8mb	YKA	99.22	24	eP	38	39.70	9.5X	
	0.5s	20.00nm					YAK	57.78	2	iPc+	34	39.00	-1.9			0.8s	1.40nm	4.5mb			
TIY	35.78	341	iPd	31	48.30	-0.8			1.5s	166.00nm			5.9mb	KSP	99.35	323	iP	38	31.20	0.2	
	1.0s	170.00nm							i	34	49.00				1.1s	29.00nm	5.7mb				
Z	24s	2.89um					MGD	58.83	14	ePc	34	47.50	-0.8	PRU	100.69	322	Pdiff	38	37.00	0.0	
N	18s	1.14um						0.8s	70.00nm				5.8mb		1.4s	19.40nm	5.5mb				
		S	37	24.00			TIK	67.41	1	eP	35	44.00	-0.7	BRG	100.74	323	iPdiff	38	37.30	0.1	
BAL	35.80	194	eP	31	48.00	-1.3			1.8s	640.00nm			6.4mb	CLL	101.14	324	iPdiff	38	38.90	-0.1	
BJI	36.92	347	eP	31	58.50	0.0	MAIO	69.05	307	iPc	35	54.40	-1.3			1.5s	22.00nm	5.6mb			
	1.0s	110.00nm						0.8s	16.47nm				5.0mb	KHC	101.57	322	ePdiff	38	41.00	0.0	
MUN	37.23	194	iPd	32	00.80	-0.5	NRI	69.87	346	iPc	35	59.00	-1.0			1.0s	3.50nm	4.9mb			
RMQ	37.33	146	eP	32	02.00	-0.2			i	36	04.00			GEC2	101.59	322	ePdiff	38	41.00	-0.2	
	0.4s	6.00nm					ASH	70.25	309	eP	36	02.00	-0.9			1.0s	7.98nm	5.3mb			
OFUJ	37.41	20	eP	32	02.50	-0.2	SVE	73.46	328	ePc	36	21.00	-0.6	VBY	101.69	318	ePdiff	38	41.00	-0.6	
SNY	37.60	356	iPc	32	05.40	1.2		1.7s	140.00nm				5.6mb	LJU	102.00	319	e(Pdiff)	38	42.50	-0.5	
	1.2s	270.00nm					Z	16s	0.50um				4.9MszX	MOX	102.20	324	ePdiff	38	43.90	0.1	
Z	24s	0.91um					N	16s	0.20um						1.6s	29.00nm	5.7mb				
LZH	38.01	330	iPc	32	08.20	0.3		E	16s	0.40um				VOY	102.42	319	e(Pdiff)	38	44.40	-0.6	
	1.5s	240.00nm					ARU	74.41	328	iPc	36	25.80	-1.3	GRF	102.80	323	ePdiff	38	47.40	0.9	
Z	22s	1.32um						1.0s	80.00nm				5.6mb	Z	21s	0.30um	4.8Msz				
N	18s	0.80um					SDN	76.98	34	eP	36	41.29	-0.4	MSU	111.26	46	ePKP	43	25.21	1.7	
		pP	32	19.50	41km			0.7s	77.00nm				5.8mb			ePKP	54	29.34			
STK	38.62	159	iPd	32	12.80	-0.1	TAB	79.69	308	eP	36	57.00	-0.1	RSSD	114.02	37	ePKP	43	28.95	0.3	
	0.9s	17.40nm					GRO	80.46	313	eP	37	02.50	1.6		Z	21s	0.09um	4.3Msz			
HHC	38.92	342	Pd	32	16.00	0.5	SVW	80.54	29	eP	36	50.00	-11.1X	GOL	115.45	42	ePKP	43	32.53	1.0	
	1.2s	120.00nm					SVW	80.54	29	ePc	37	02.40	1.3		Z	21s	0.07um	4.3Msz			
Z	23s	1.58um						1.3s	44.20nm				5.2mb	JFWS	122.59	31	ePKP	43	45.13	0.5	
BTO	39.19	340	P	32	16.40	-1.4	TTA	80.65	27	eP	36	50.00	-11.6X	FVM	125.89	36	ePKP	43	51.48	0.2	
CN2	39.49	359	Pc	32	20.00	0.0	TTA	80.65	27	iPc	37	02.58	1.0	PWLA	129.32	37	ePKP	43	57.29	-0.6	
	1.0s	18.00nm						1.1s	18.45nm				4.9mb	KIC	130.18	282	PKP	44	00.40	0.3	
Z	18s	0.58um					ERE	81.20	310	(P)	37	06.00	1.0	LIC	130.48	282	PKP	44	00.80	0.1	
		eP	32	33.00	49km		REF	81.88	30	(P)	37	09.73	1.5	PEL	147.01	153	iPKP+	44	33.00	2.9X	
		ePcP	34	27.50			IMA	82.11	24	eP	36	57.80	-11.5X		1.5s	188.89nm					
RKG	39.53	192	eP	32	21.00	0.5			0.9s	17.00nm				CNCB	161.05	133	PKP	44	52.20	2.1	
MDJ	40.39	3	iPc	32	28.40	1.0	IMA	82.11	24	iPc	37	10.41	1.1	LPB	161.14	132	ePKP	44	53.00	3.0X	
	1.0s	83.00nm						1.2s	22.58nm				5.1mb	ZOBO	161.27	131	PKP	44	52.00	1.6	
ADE	40.58	164	eP	32	42.00	12.8X	CPKM	82.19	29	eP	37	10.11	0.2		1.1s	10.44nm					
LSA	41.96	311	P	32	41.60	0.5	CRP	82.23	29	eP	37	10.10	0.1	SIV	166.10	148	ePKP	44	56.00	1.9	
ARMA	41.96	147	iPd	32	41.40	0.7	SLKM	83.11	30	eP	37	13.69	-0.7		S.D. = 1.1	on 139 of 155 obs.					
	0.9s	83.00nm					PMR	83.70	29	eP	37	04.70	-12.6X								
GTA	42.60	329	iPd	32	45.50	-0.3		1.0s	53.00nm					? SEP 11, 1992	22h 30m	35.04±1.93s					
	1.5s	56.00nm					MAW	84.06	200	eP	37	20.00	1.0		4.188 S ±19.5km	126.187 E ±22.3km					
		PcP	34	39.00				1.0s	49.34nm				5.5mb		DEPTH = 278.0 ± 30.8 km						
BWA	43.60	153	eP	32	55.50	1.7			1.0s	18.00nm			5.1mb		4.9mb (5 obs.)						
		i	33	06.50			TOA	85.12	28	eP	37	13.90	-10.7X	BANDA SEA						(280)	
		i	33	14.50			KLU	85.24	29	eP	37	26.08	0.9	SWI	6.05	57	iPd	32	05.00	0.0	
CAN	44.61	153	eP	33	02.50	0.5	MOS	85.94	325	iPc	37	28.00	-0.7		S	33	13.00				
		e	33	15.30				1.5s	230.00nm				6.2mb	MTN	9.89	151	eP	32	53.00	0.0	
		e	33	21.60			Z	18s	1.00um				5.3Msz	WB2	17.57	154	iPd	34	20.50	-3.2X	
CNB	44.76	153	eP	33	05.10	1.8			e	37	44.00				0.2s	13.60nm	5.1mb				
	1.2s	42.00nm					ANN	86.51	315	eP	37	30.50	-1.2	MBL	17.96	200	eP	34	27.00	-0.7	
TOO	45.13	159	eP	33	08.00	1.9			0.7s	30.00nm			5.6mb		0.3s	10.00nm	4.8mb				
GUN	45.26	306	P	33	07.22	-0.6			e	37	45.00			ASPA	20.75	160	iPd	34	56.50	0.9	
PKI	45.51	305	P	33	08.60	-1.1	OBN	86.55	325	iPc	37	31.00	-0.6		0.3s	13.50nm	4.8mb				
KKN	45.70	305	P	33	10.12	-1.0			1.5s	224.00nm			6.2mb	QIS	20.86	142	eP	34	56.00	-0.7	
DMN	45.77	305	P	33	11.00	-0.7	Z	20s	0.40um				4.8Msz		eS	38	23.80				
GKN	46.31	305	P	33	14.78	-1.0	APA	87.39	337	iPd	37	35.50	0.0			0.4s	27.00nm	5.0mb			
DZM	46.99	125	iPc	33	21.90	0.7	PUL														

11d 22h

S.D. = 1.0 on 6 of 7 obs.
 ? SEP 11, 1992 22h 56m 34.39 ± 2.49s
 39.803 N ± 27.4km 33.232 E ± 9.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MG 2.9 (DDA).
 BBTk 0.37 276 iPg 56 42.00 0.1
 eSg 56 48.00
 SGKT 1.19 311 iP 56 56.20 -0.4
 CTk 1.51 54 iP 57 01.50 -0.1
 DVR 1.65 326 eP 57 04.00 0.5
 S.D. = 0.7 on 4 of 4 obs.

% SEP 11, 1992 23h 07m 36.00 ± 0.72s
 33.985 S ± 4.8km 70.608 W ± 6.2km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.2 (SAN).

CHCH 0.06 324 iPd 07 38.27 -0.1
 CACH 0.13 177 iP+ 07 39.50 0.2
 iS 07 42.00
 PCH 0.37 12 iP+ 07 43.76 0.1
 iS 07 49.29
 TACH 0.43 320 iPd 07 44.91 0.1
 iS 07 51.40
 LNV 0.67 272 iP 07 48.72 -0.5
 iS 07 57.86
 FCH 0.71 22 iPd 07 49.82 -0.4
 iS 07 59.81
 PEL 0.84 356 iP 07 52.34 0.1
 iS 08 04.43
 LCCH 0.95 302 iPd 07 54.33 0.3
 iS 08 08.15
 ROCH 1.07 341 iPd 07 56.63 0.4
 iS 08 11.44
 JACH 1.30 1 iP+ 07 59.94 -0.2
 iS 08 17.39
 S.D. = 0.3 on 10 of 10 obs.

? SEP 11, 1992 23h 26m 44.00 ± 3.60s
 8.161 S ± 38.0km 128.307 E ± 13.5km
 DEPTH = 146.5 ± 28.5 km
 4.1mb (2 obs.)
 TIMOR SEA (290)

KUG 5.05 247 eP 27 59.00 0.2
 eS 28 54.00
 e 30 09.00
 MTN 5.42 149 eP 28 03.50 -0.4
 0.3s 37.00nm 5.1mb X
 eS 29 09.00
 KNA 7.56 177 eP 28 33.00 0.3
 0.2s 16.00nm 5.2mb X
 eS 29 59.00
 WB2 13.10 154 eP 29 42.20 -3.5X
 0.3s 3.40nm 4.3mb
 eS 32 04.50
 MBL 15.29 211 eP 30 13.00 -0.5
 eS 33 00.00
 ASPA 16.32 161 eP 30 26.00 0.3
 0.4s 3.50nm 4.0mb
 iS 33 22.90
 QIS 16.47 140 eP 30 28.00 0.0
 eS 33 23.00
 S.D. = 0.5 on 6 of 7 obs.

* SEP 12, 1992 00h 01m 15.89 ± 2.76s
 40.704 N ± 16.4km 20.891 E ± 18.5km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 ML 2.5 (SKO). MD 2.1 (THE).

FNA 0.38 78 iPc 01 23.00 -0.7
 iSg 01 27.60
 OHR 0.41 350 iPg 01 23.30 -1.1
 iSg 01 30.00
 GRG 1.17 77 ePg 01 37.90 0.1
 iSg 01 57.40
 SKO 1.33 18 ePg 01 41.80 1.3
 eSg 01 57.20
 LIT 1.36 116 ePb 01 41.10 0.2
 iSb 02 02.60
 S.D. = 1.3 on 5 of 5 obs.

? SEP 12, 1992 00h 02m 31.74 ± 0.98s
 23.408 S ± 25.8km 179.810 W ± 17.4km
 DEPTH = 500.0km (geophysicist)
 4.8mb (3 obs.)
 SOUTH OF FIJI ISLANDS (171)

STK 35.07 247 eP 08 44.50 1.2
 1.5s 2.00nm 3.4mb X
 ASPA 42.29 260 iPc 09 42.80 0.6
 0.6s 17.60nm 4.8mb
 eS 15 25.70
 WB2 42.60 266 iPd 09 44.90 0.2
 0.4s 30.50nm 5.2mb
 i 10 06.00
 FORT 46.65 249 eP 10 15.30 -0.7
 WARB 48.41 255 eP 10 29.00 -0.5
 MBL 55.54 260 eP 11 20.10 -1.1
 NANU 59.06 257 eP 11 45.30 0.0
 SPA 66.73 180 iPc 12 34.10 0.0
 0.7s 6.25nm 4.4mb
 KAF 137.43 342 ePKP 20 59.50 0.6
 NUR 139.20 342 ePKP 21 01.80 -0.3
 HFS 142.10 349 ePKP 21 02.50 -4.8X
 0.3s 10.20nm
 OJC 149.17 335 ePKP 21 24.40 5.2X
 KSP 149.89 339 iPKPc 21 26.60 6.3X
 CLL 150.43 344 iPKPc 21 27.00 6.0X
 0.9s 17.00nm
 i 21 35.90
 eSg 24 34.00
 BRG 150.57 342 iPKP 21 27.60 6.3X
 GEC2 152.45 341 ePKP 21 31.50 7.3X
 0.5s 0.59nm
 e 21 45.10
 S.D. = 0.8 on 10 of 16 obs.

SEP 12, 1992 00h 07m 48.25 ± 0.71s
 35.727 N ± 6.5km 4.443 W ± 6.9km
 DEPTH = 33.0km (normal)
 STRAIT OF GIBRALTAR (385)
 mbLg 3.7 (MDD). MD 3.3 (RBA).

NKM 0.84 251 iPg 08 06.50 2.9
 iSg 08 17.00
 OJEN 0.96 293 eP 08 10.00 4.5X
 MAL 1.00 1 iPnc 08 07.50 1.6
 iSg 08 22.00
 EJIF 1.10 311 iPc 08 07.70 0.3
 eS 08 20.40
 PLAT 1.14 291 iP 08 10.00 2.1
 EMEL 1.28 109 iPd 08 12.19 2.2
 EGUA 1.31 32 iPc 08 11.33 0.9
 eS 08 26.70
 ALJ 1.33 316 iP 08 10.50 -0.3
 EPRU 1.39 333 iPd 08 12.63 1.1
 eS 08 26.30
 LIJA 1.41 326 eP 08 13.00 1.1
 CNIL 1.45 297 iP 08 12.50 0.1
 SFS 1.61 298 eP 08 14.00 -0.6
 GIBL 1.64 312 iP 08 14.50 -0.7
 ECOG 1.70 24 iPc 08 16.91 0.8
 eS 08 34.80
 ELUD 1.84 4 iPd 08 18.14 0.1
 eS 08 39.10
 EHOR 2.19 343 iPc 08 21.58 -1.4
 eS 08 46.00
 IFR 2.28 195 iPn 08 23.00 -1.4
 iSn 08 45.00
 EBAN 2.49 12 iPc 08 26.52 -0.8
 eS 08 54.30
 EHUE 2.56 35 iP 08 28.85 0.5
 eS 08 58.30
 RBA 2.61 230 iPn 08 28.00 -1.0
 iSn 08 55.00
 EVAL 2.62 316 iPc 08 26.32 -2.9X
 eS 08 54.70
 EVIA 3.29 27 iPd 08 37.85 -1.0
 eS 09 14.20
 AVE 3.45 226 iPn 08 39.00 -2.0
 iSn 09 15.00
 EPLA 4.52 344 eP 08 52.76 -3.4X
 eS 09 42.10
 GUD 4.91 3 eP 08 59.64 -2.2
 eS 09 51.90
 TIO 5.34 207 iPn 09 05.00 -2.8X
 iSn 10 00.00
 ETOR 5.42 20 eP 09 06.89 -2.0

eS 10 02.00
 EPF 8.18 25 Pn 09 44.60 -3.0X
 Sn 11 07.60
 LPO 9.92 24 Pn 10 07.90 -3.7X
 Sn 11 50.40
 LFF 10.01 22 Pn 10 09.40 -3.4X
 Sn 11 51.20
 CAF 10.44 26 Pn 10 15.00 -3.7X
 Sn 12 03.90
 RJF 10.58 24 Pn 10 15.70 -4.9X
 Sn 12 04.10
 MFF 11.33 15 Pn 10 27.20 -3.6X
 Sn 12 22.00
 GEC2 18.70 40 eP 11 57.80 -8.3X
 0.5s 0.36nm 2.8mb
 e 12 00.30
 e 12 08.80
 S.D. = 1.5 on 23 of 34 obs.

% SEP 12, 1992 00h 21m 34.04 ± 1.45s
 38.247 N ± 11.8km 28.891 E ± 10.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

KHL 0.50 81 iPg 21 44.00 -0.3
 iSg 21 52.00
 ALT 1.25 49 ePn 21 57.60 0.2
 DST 1.37 351 iPn 21 58.80 -0.4
 BCK 1.56 120 ePn 22 02.00 0.1
 KCT 2.04 348 iPn 22 09.40 0.5
 BNT 2.24 341 ePn 22 11.40 -0.3
 YLV 2.35 9 ePn 22 13.40 0.1
 S.D. = 0.4 on 7 of 7 obs.

* SEP 12, 1992 00h 22m 29.67 ± 1.90s
 50.491 N ± 24.0km 18.884 E ± 7.0km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 ML 3.1 (WAR).

RAC 0.60 228 eP 22 41.00 -0.8
 iS 22 49.30
 OJC 0.65 115 ePg 22 42.50 -0.1
 iSg 22 51.90
 SPC 1.57 145 ePn 22 57.90 0.1
 iSg 23 20.50
 VRAC 1.89 232 iPn 23 03.50 1.2
 0.8s 67.70nm
 eSg 23 27.50
 PRU 2.83 261 ePn 23 15.50 -0.3
 Pg 23 23.50
 eSg 23 58.00
 BRG 3.16 279 ePg 23 29.00 8.6X
 eSg 24 11.00
 KHC 3.70 250 Pn 23 28.00 -0.1
 Pg 23 42.50
 Sg 24 24.60
 S.D. = 0.9 on 6 of 7 obs.

* SEP 12, 1992 00h 35m 05.47 ± 0.58s
 17.694 S ± 17.4km 167.798 E ± 11.3km
 DEPTH = 33.0km (normal)
 VANUATU ISLANDS (186)

BKM 0.42 87 iPd 35 14.20 -0.8
 iS 35 25.20
 PVC 0.49 95 iPd 35 15.50 -0.5
 iS 35 26.90
 DZM 4.54 196 iPc 36 14.20 0.5
 iS 37 06.20
 ASPA 32.21 254 eP 41 30.90 -2.1
 CDF 145.49 337 ePKP 54 39.30 -2.6
 0.5s 7.30nm
 BSF 146.16 337 ePKP 54 41.30 -1.8
 HAU 146.17 337 ePKP 54 41.30 -1.7
 0.5s 3.05nm
 FLN 147.58 345 ePKP 54 45.00 -0.1
 LOR 147.68 339 ePKP 54 45.60 0.2
 0.5s 2.75nm
 SSF 147.98 340 ePKP 54 46.60 0.8
 0.5s 3.85nm
 LPL 148.08 334 ePKP 54 47.40 1.0
 LPG 148.09 334 ePKP 54 47.50 1.0
 0.6s 3.00nm
 LPF 148.39 346 ePKP 54 47.50 1.1
 0.5s 3.80nm
 MAF 149.03 340 ePKP 54 49.20 1.6

12d 00h

SBF 149.09 332 ePKP 54 49.30 1.5
LSF 149.33 341 ePKP 54 49.70 1.7
PGF 149.35 328 ePKP 54 50.30 2.0X
0.8s 12.20nm
MFF 149.49 344 ePKP 54 50.30 2.1X
FRF 149.69 332 ePKP 54 50.80 2.2X
0.5s 1.60nm
LRG 149.90 332 ePKP 54 51.60 2.7X
LMR 149.93 332 ePKP 54 51.50 2.5X
LPO 150.84 340 ePKP 54 54.00 3.7X
S.D. = 1.5 on 16 of 22 obs.

* SEP 12, 1992 01h 25m 46.54 ± 0.49s
12.066 N ± 8.2km 87.146 W ± 12.1km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)

NEAR COAST OF NICARAGUA (74)

PRM 22.35 10 (P) 30 44.07 1.0
JSC 22.75 13 eP 30 47.37 0.3
UYO 22.99 344 iPc 30 49.90 0.5
LHS 23.05 13 (P) 30 50.10 0.2
GBTN 23.65 6 (P) 30 56.22 0.4
OLY 23.66 351 eP 30 55.89 0.0
VVO 24.44 343 eP 31 05.40 1.9
FKO 24.89 340 iPc 31 07.20 -0.6
FNO 24.89 340 iPd 31 08.10 0.3
TUL 24.99 343 eP 31 09.00 0.2
1.2s 31.80nm 4.8mb
Z 18s 0.10um 3.4Msz

ELC 25.18 356 eP 31 10.53 0.0
CCM 26.14 353 eP 31 19.08 -0.4
0.7s 7.43nm 4.4mb
TUC 29.62 317 eP 31 51.22 0.0
0.9s 3.53nm 4.1mb

PV10 32.67 327 eP 32 20.80 2.6
ZOBO 33.87 146 Pc 32 29.40 0.2
Z 20s 0.12um 3.6Msz

SRU 34.00 326 eP 32 29.17 -0.5
LPB 34.09 146 eP 32 31.00 0.1
RSNY 34.13 16 eP 32 29.47 -1.0
1.2s 15.31nm 4.8mb

CNCB 34.38 146 P 32 34.50 1.0
EMUT 34.66 327 (P) 32 36.30 0.9
RSSD 35.09 339 eP 32 37.84 -1.2
1.1s 9.68nm 4.6mb

EEO 35.13 10 eP 32 42.50 3.5X
DAU 35.33 327 eP 32 41.00 -0.2
ePcP 35 12.41

BW06 36.26 332 eP 32 47.00 -1.9
1.0s 4.67nm 4.4mb
ePcP 35 13.00

HVU 37.11 328 (P) 32 55.68 -0.3
BONR 37.91 318 (P) 33 03.63 0.7
HHA1 38.00 330 eP 33 02.84 -0.6
LMN 38.66 25 eP 33 14.00 5.3X

LRM 39.93 332 eP 33 19.20 -0.4
JAO 42.61 10 eP 33 41.50 0.3
SES 42.95 338 eP 33 47.00 3.0X
NEW 43.88 331 (P) 33 53.00 1.3
1.0s 10.00nm 4.6mb

DPW 44.13 330 eP 33 54.33 0.7
ePcP 35 38.68
BAO 47.53 124 e(P) 34 21.00 -0.2
e 34 30.00
e 34 39.00

YKA 54.06 345 eP 35 07.60 -2.3
0.9s 3.10nm 4.3mb
MBC 66.44 352 eP 36 32.50 -1.8
WB2 139.43 253 ePKP 45 12.10 -1.1
0.6s 4.40nm

CHG 148.73 349 ePKP 45 33.00 3.9X
LOE 149.43 343 ePKP 45 35.00 4.9X
BDT 150.25 348 ePKP 45 36.50 5.2X
0.8s 26.00nm

S.D. = 1.0 on 34 of 40 obs.

? SEP 12, 1992 01h 30m 17.87 ± 2.64s
5.958 S ± 33.1km 146.635 E ± 14.1km
DEPTH = 121.7 ± 12.1 km
4.5mb (2 obs.)

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

LAT 0.79 153 iPd 30 39.00 0.6
PMG 3.46 171 iPc 31 10.50 -0.6
eS 31 52.00
OIS 16.04 205 iPd 34 03.30 5.5X
0.6s 7.00nm 4.1mb
MTN 16.75 245 eP 34 05.50 -1.1
0.4s 56.00nm 5.2mb X
WB2 18.32 220 iPc 34 25.00 -0.6
0.3s 31.70nm 5.1mb X
RMQ 20.52 175 eP 34 53.10 4.7X
ASPA 21.45 214 iPd 34 59.00 1.2
0.3s 16.70nm 4.9mb

eP 35 29.20 159kmX
eS 38 55.90
KUG 23.17 258 eP 35 17.10 2.5X
DZM 24.96 132 iPc 35 31.10 -0.7
WARB 27.73 221 eP 35 58.00 1.1
MBL 30.04 237 eP 36 17.00 -0.6
MEEK 33.70 229 iPc 36 50.20 0.6

S.D. = 1.1 on 9 of 12 obs.

SEP 12, 1992 02h 34m 50.79 ± 0.24s
29.941 N ± 4.9km 60.702 E ± 2.9km
DEPTH = 23.1km (2 depth phases)
5.0mb (65 obs.) 4.6Msz (5 obs.)

SOUTHERN IRAN (353)

MAIO 6.42 351 eP 36 26.00 -0.5
0.8s 11.35nm 4.8mb
eS 38 16.00
ASH 8.22 347 eP 36 52.00 0.4
e 38 33.00

TEH 9.74 309 eP 37 13.00 0.4
KAT 9.93 340 eP 37 18.00 2.8
DHR 10.00 251 eP 37 15.00 -1.2
MJMA 14.22 257 eP 38 09.00 -3.9X
TAB 14.41 308 eP 38 21.00 5.6X
SHE 14.51 321 iPc 38 17.00 0.5
1.2s 70.00nm 5.1mb

OASM 15.64 260 eP 38 26.67 -4.7X
KSH 15.73 49 P 38 32.00 -0.6
1.0s 90.00nm 4.9mb
Z 10s 7.11um 3.4Msz

pP 38 38.00
eS 41 25.00
POO 16.50 131 eP 38 23.50 -18.9X
ERE 16.72 312 iP 38 46.00 0.9
MTA 17.40 317 eP 38 54.60 1.0
GRO 17.97 322 iPc 39 01.00 0.4
2.0s 480.00nm 5.3mb

AAA 18.59 40 eP 39 12.00 3.7X
Z 12s 3.50um 3.6Msz
N 12s 2.50um
E 12s 4.00um

ONI 18.72 317 eP 39 15.00 5.1X
TLG 18.83 41 eP 39 07.90 -3.4X
2.2s 117.00nm 4.7mb
E 14s 3.30um

PRZ 18.94 44 eP 39 10.50 -2.3
1.6s 100.00nm 4.8mb
PYA 19.85 320 eP 39 23.00 0.0
1.0s 100.00nm 5.1mb

KIV 20.01 319 iP 39 25.70 0.9
Z 11s 0.43um 4.1MszX
eS 43 08.00
eS 43 12.90

HYB 20.52 123 eP 39 35.70 5.5X
eS 43 20.00
GKN 21.02 89 P 39 34.78 -0.7
1.0s 270.00nm 5.6mb

HRI 21.50 285 eP 39 44.10 3.9X
DMN 21.51 90 P 39 40.62 0.1
1.2s 358.00nm 5.7mb
AYN 21.54 273 eP 39 41.67 1.2
KKN 21.62 90 P 39 41.10 -0.5
PKI 21.78 90 P 39 43.44 0.1
0.8s 144.00nm 5.5mb

GUN 22.12 89 P 39 47.48 0.8
MBH 22.39 276 eP 39 49.10 0.1
GBA 22.44 133 P 39 51.30 1.8
SAG1 22.53 277 eP 39 52.40 2.1
CSS 23.60 289 eP 40 08.00 7.3X
ANN 23.72 315 eP 40 00.00 -1.7
HLW 25.42 277 (P) 40 20.00 1.7
WMO 25.52 50 P 40 20.00 0.8
1.5s 64.00nm 5.0mb
Z 18s 2.46um 4.8Msz

pP 40 26.50 23km
LSA 26.38 83 eP 40 28.40 0.6
ARU 26.49 357 eP 40 29.00 1.1
2.0s 100.00nm 5.1mb
N 12s 0.50um

SVE 26.86 360 eP 41 06.00 183kmX
3.0s 110.00nm 40 32.00 0.7
Z 15s 1.00um 5.0mb
N 13s 0.90um 4.5MszX
E 13s 0.60um

eSS 46 40.00
OBN 30.49 332 iPd 41 04.00 0.1
2.0s 250.00nm 5.7mb
Z 16s 0.70um 4.4MszX
N 16s 0.60um
E 16s 0.60um

e 42 07.00 330kmX
e 42 15.00
MOS 30.55 334 iPd 41 05.00 0.5
2.0s 240.00nm 5.7mb
Z 12s 1.30um 4.8MszX

e 42 16.00 382kmX
MLR 31.29 309 ePd 41 11.50 0.2
VAY 32.76 301 iP 41 24.40 0.3
UER 32.82 39 eP 41 25.00 0.6
1.8s 70.00nm 5.3mb

e 41 42.20 72kmX
eS 46 29.00
SKO 33.69 302 iP 41 31.80 -0.4
1.5s 64.00nm 5.3mb

OHR 34.06 300 iP 41 34.60 -0.9
UZH 34.63 314 eP 41 40.00 -0.2
1.0s 31.00nm 5.2mb
SPC 36.09 314 e(P) 41 54.80 2.0
PUL 36.17 334 (P) 41 55.00 1.9

Z 15s 0.50um 4.4MszX
N 14s 0.50um
E 14s 0.30um

e 43 21.00 455kmX
CHG 36.40 99 eP 41 54.50 -1.0
LZH 36.47 69 eP 41 56.00 -0.1
2.0s 67.00nm 5.2mb
Z 19s 0.84um 4.5Msz

N 10s 0.44um
eS 42 06.00
UZD 36.52 309 e(P) 41 57.00 0.7
MOY 36.79 42 eP 42 01.50 3.1X
CD2 36.97 77 eP 41 57.80 -2.5
SRO 36.97 311 eP 41 58.90 -1.1
KMI 37.44 87 eP 42 04.00 -0.4
1.5s 70.00nm 5.3mb

ZST 37.85 311 eP 42 07.20 -0.2
SGO 38.18 299 P 42 05.40 -4.8X
VBY 38.62 307 ePd 42 14.20 0.3
e 42 17.10 10kmX
NUR 38.85 332 eP 42 15.00 -0.6
0.7s 8.90nm 4.6mb

DUI 38.86 300 P 42 17.10 1.0
KSP 39.00 315 eP 42 07.00 -10.0X
id 42 17.90 39kmX
KAF 39.19 335 eP 42 17.80 -0.6
0.7s 4.10nm 4.3mb

LJU 39.19 307 eP 42 19.00 0.3
VOY 39.63 307 e(P) 42 20.00 -2.5
AQU 39.68 301 P 42 23.60 0.8
TRI 39.69 307 eP 42 25.00 2.3
KBA 40.15 309 iPd 42 27.10 0.3
1.1s 26.10nm 4.9mb

i 42 29.60 8kmX
CVT 40.19 294 P 42 30.10 3.1X
GEC2 40.19 312 ePd 42 27.00 0.0
0.9s 20.70nm 4.9mb

e 42 30.50 12kmX
e 42 34.10
e 42 36.90
e 44 30.10
e 44 34.30
e 44 37.50
e 44 40.90
e 44 44.10

GEC2 40.19 312 e(P) 42 34.50 7.5X
1.0s 10.80nm 4.5mb
MNS 40.21 301 P 42 27.00 -0.2
KHC 40.33 312 P 42 28.00 -0.1
1.5s 19.60nm 4.6mb

12d 02h

BRG	40.45 315 eP	42 30.50 8kmX	CAF	47.90 305 eP	43 28.60 -0.5	RMW	2.00 106 ePc	03 36.36 0.1
	1.6s 27.00nm	4.7mb		1.1s 19.05nm	5.0mb	CBB	2.05 347 Pg	03 37.42 0.6
GYA	40.45 315 P	42 30.40 0.9	LSF	48.22 307 eP	43 30.60 -1.0	LON	2.32 123 eP	03 40.51 -0.2
	1.2s 14.00nm	4.6mb	RJF	48.27 306 eP	43 31.60 -0.3	WHB	2.37 27 Pg	03 42.48 1.1
Z	20s 0.65um	4.5msz	LFF	48.84 305 eP	43 35.80 -0.5	SHW	2.47 137 eP	03 42.86 -0.2
RSM	40.45 304 P	42 30.40 1.3		0.9s 12.60nm	4.9mb	DPW	4.33 90 eP	04 08.08 -1.2
FVI	40.47 308 P	42 29.60 0.5	LDF	49.29 310 eP	43 38.70 -1.0	YKA	15.54 18 eP	06 45.80 4.3
BHG	40.55 310 iPd	42 30.00 0.1		0.9s 19.15nm	5.1mb		0.7s 0.70nm	3.0mb
	0.8s 29.00nm	5.1mb	MFF	49.37 307 eP	43 39.20 -1.1		25 obs. associated	
CRE	40.80 303 P	42 32.60 0.5	FLN	49.52 310 eP	43 40.40 -1.1			
XAN	40.81 71 eP	42 31.50 -0.7		0.9s 22.30nm	5.2mb			
Z	16s 0.71um	4.6mszX	GRR	49.78 310 eP	43 42.60 -0.9			
	sP			0.9s 19.50nm	5.1mb			
PGD	40.98 304 P	42 34.70 1.1	LPF	49.92 309 eP	43 43.40 -1.1			
APA	41.01 344 iPd	42 33.50 0.2		0.6s 10.30nm	5.0mb			
CLL	41.13 315 iP	42 34.60 0.1	CN2	52.37 56 eP	44 03.00 -0.1			
	1.4s 48.00nm	5.0mb		1.0s 8.60nm	4.6mb			
BTO	41.17 61 eP	42 35.50 0.3		Z 16s 1.16um	5.0mszX			
	N 15s 0.74um			N 14s 0.14um				
	E 17s 0.63um			E 14s 0.42um				
FIR	41.31 304 eP	42 36.00 -0.1						
UPP	41.52 329 iP	42 37.00 -0.6	TOL	52.98 299 eP	44 10.00 2.2			
MME	41.73 304 P	42 41.00 1.1	MAL	53.90 296 iPc	44 13.50 -1.0			
BDI	41.80 304 P	42 40.30 0.1	YAK	54.23 33 iPd	44 14.80 -1.8			
MOX	41.85 314 eP	42 41.00 0.5		1.3s 71.00nm	5.5mb			
GRF	41.94 312 eP	42 42.20 1.0						
Z	21s 0.10um	3.7msz	EHOR	54.31 297 eP	44 19.50 2.0			
	e		KIC	65.59 263 P	45 34.02 -1.3			
OSS	42.29 308 P	42 44.31 0.0		1.2s 43.00nm	5.5mb			
HHC	42.34 61 P	42 47.20 2.4	TIC	65.69 264 P	45 34.52 -1.5			
NR1	42.51 14 iPc	42 46.50 0.9		1.1s 23.50nm	5.2mb			
	1.5s 57.00nm	5.1mb	LIC	65.91 263 P	45 36.34 -1.0			
Z	14s 0.90um	4.8mszX		1.0s 18.00nm	5.1mb			
N	14s 0.80um		WIN	66.95 224 e(P)	45 45.20 1.1			
	e	43 03.00 66kmX	BLF	67.32 213 e(P)	45 45.70 -0.5			
	e	44 32.00	KIM	67.69 214 eP	45 50.00 1.5			
BOB	42.65 305 P	42 47.20 0.0	MBC	74.07 0 ePd	46 25.80 -0.3			
VDL	42.73 307 P	42 47.47 -0.6		0.9s 19.00nm	5.1mb			
LLS	43.09 308 P	42 50.36 -0.5	MTN	79.99 111 eP	46 58.00 -2.1			
TIY	43.21 65 eP	42 51.30 -0.6	FBA	82.89 12 (P)	47 15.01 0.5			
Z	20s 1.75um	5.0msz		1.2s 10.19nm	4.8mb			
N	13s 0.50um		PMR	85.64 14 eP	47 28.58 0.2			
HFS	43.44 328 eP	42 52.50 -0.7		1.4s 54.83nm	5.6mb			
	0.8s 12.20nm	4.7mb	SLKM	86.38 15 eP	47 33.93 1.7			
Z	15s 0.18um	4.1mszX	WRA	86.47 115 P	47 34.50 1.3			
	LR	02 02.00		0.6s 1.40nm	4.4mb			
SLE	43.50 309 P	42 53.59 -0.4	WB2	86.48 115 eP	47 35.80 2.6			
SBF	44.08 304 eP	42 57.90 -0.9		0.6s 5.40nm	5.0mb			
	1.0s 21.20nm	4.9mb	YKA	87.81 358 eP	47 38.60 -0.4			
DIX	44.14 307 P	42 59.22 -0.3		1.1s 8.10nm	4.9mb			
KEV	44.20 344 eP	42 58.00 -1.3	ASPA	88.18 119 iPd	47 41.80 0.4			
CDF	44.36 310 eP	42 59.70 -1.4		0.8s 10.10nm	5.2mb			
	0.7s 5.85nm	4.6mb	ZOBO	131.38 274 ePKP	54 05.00 0.7			
CIT	44.44 45 eP	43 02.00 0.4		S.D. = 1.1 on 137 of 152 obs.				
LPG	44.58 306 eP	43 02.10 -1.0						
	1.3s 23.10nm	4.9mb						
LPL	44.59 306 eP	43 02.10 -1.1						
	1.0s 13.80nm	4.8mb						
BNI	44.63 305 P	43 02.50 -0.8						
BSF	44.65 309 eP	43 02.20 -1.2						
	0.7s 4.85nm	4.5mb						
LRG	44.86 303 eP	43 04.00 -1.0						
HAU	44.96 309 eP	43 04.60 -1.2						
	1.2s 15.45nm	4.8mb						
WLF	45.20 312 P	43 09.00 1.4						
BOD	45.91 37 eP	43 12.50 -0.6						
	1.4s 105.00nm	5.6mb						
DOU	46.24 312 P	43 16.50 0.6						
LBF	46.53 308 eP	43 17.40 -0.9						
	1.2s 27.05nm	5.1mb						
LOR	46.61 308 eP	43 17.90 -1.0						
	1.0s 15.00nm	4.9mb						
SMF	46.62 307 eP	43 18.20 -0.7						
	1.0s 34.60nm	5.3mb						
SSF	46.85 308 eP	43 20.10 -0.6						
	1.0s 28.80nm	5.3mb						
AVF	46.96 308 eP	43 20.70 -0.9						
TIA	47.13 67 eP	43 23.10 0.0						
BCAO	47.19 246 iPd	43 23.00 -0.8						
	1.6s 52.00nm	5.3mb						
BGF	47.31 307 eP	43 23.60 -0.8						
	0.8s 1.05nm	3.9mb X						
MAF	47.50 307 eP	43 25.40 -0.6						
	1.1s 16.10nm	5.0mb						
TCF	47.75 307 eP	43 27.40 -0.5						
	0.9s 9.50nm	4.8mb						

WARB	45.06	250 eP	36	40.50	-0.8		Z	26s	1.90um	5.4MsZ			0.8s	4.90nm				
	0.9s	67.00nm			5.6mb		E	17s	0.75um					13.20nm				
HON	46.87	36 P	37	00.00	4.5X				PP	44	18.00		GEC2	144.74	338 e(PKP)	48	06.40	4.7X
	20s	0.47um			4.4MsZ		BALM	85.28	20 eP	40	59.43	-1.6		0.9s				
MBL	51.49	256 eP	37	30.00	-1.2		LON	85.58	38 (P)	41	02.40	-0.4	WET	144.77	339 ePKP	48	00.70	-0.9
MEEK	52.26	249 eP	37	36.00	-1.0		RMW	85.95	38 eP	41	03.95	-0.6	GRF	144.84	341 iPKPc	48	01.30	-0.4
NANU	55.33	254 eP	37	58.80	-0.8		YAK	86.47	341 eP	41	05.80	-0.9		Z	20s	0.30um		5.1MsZ
BAG	62.67	299 eP	38	49.00	-1.8			1.0s	50.00nm		5.7mb				e	48	04.80	
MAT	63.44	328 eP	38	53.00	-2.3		FBA	86.76	15 eP	41	05.84	-2.3	ENN	145.25	347 ePKP	48	02.00	-0.3
	1.5s	55.56nm			5.5mb			0.9s	5.74nm		4.8mb			2.0s	126.00nm			
	Z	20s			5.0MsZ		TUC	86.80	55 eP	41	09.93	0.8	UCC	145.54	349 PKP	48	07.00	4.2X
SPA	72.92	180 iPc	39	52.90	-1.3			1.6s	30.85nm		5.3mb		SNF	145.82	349 PKP	48	03.80	0.5
	1.2s	29.58nm			5.2mb		Z	21s	0.49um		4.9MsZ		VAY	145.89	321 iPKP	48	03.40	-0.3
WHN	74.74	309 eP	40	08.50	3.4X		ARUT	86.97	49 eP	41	10.09	0.1	BHG	145.98	338 iPKPc	48	04.50	0.8
	Z	24s			5.5MsZ		MSU	88.18	49 ePd	41	16.30	0.5	FUR	146.16	340 ePKP	48	05.10	1.1
	E	24s			2.29um		DPW	88.27	38 eP	41	15.34	-0.5	SKO	146.16	322 iPKPc	48	04.50	0.3
SDN	75.32	15 P	40	20.00	12.1X		DUG	88.40	47 eP	41	16.79	0.0		1.2s	63.00nm			
	Z	19s			5.3MsZ			1.4s	24.57nm		5.3mb		Z	20s	0.69um			5.4MsZ
CN2	75.41	326 eP	40	05.00	-3.7X		HVU	89.08	46 eP	41	20.32	0.4			i	48	08.70	
	Z	24s			5.1MsZ		NEW	89.10	38 eP	41	19.00	-0.7			e	48	25.20	
IPM	75.56	279 ePd	40	09.60	-0.6			1.0s	11.00nm		5.1mb		DOU	146.16	348 PKPc	48	04.90	1.0
	1.1s	51.80nm			5.5mb		GTA	89.36	312 Pc	41	22.00	0.7	PTJ	146.21	333 ePKP	48	02.10	-2.1
TIA	75.81	315 eP	40	10.60	-0.6			1.5s	45.00nm		5.5mb		WLF	146.24	346 PKPc	48	06.00	2.0
	Z	34s			5.3MsZ		Z	38s	1.71um		5.2MsZ				i	48	13.00	
BJI	78.57	318 eP	40	30.00	3.7X				sP	41	34.20		ZAG	146.26	332 ePKP	48	06.00	1.8
	Z	26s			5.0MsZ		DAU	89.58	47 eP	41	22.34	-0.2	KBA	146.34	336 i(PKP)	48	08.50	4.0X
		eS	50	24.00			SRU	89.60	49 eP	41	22.39	-0.1		0.8s	13.90nm			
GYA	78.79	302 P	40	28.00	0.0		EMUT	89.66	48 eP	41	23.31	0.5	LJU	146.71	334 ePKP	48	06.40	1.5
	1.0s	19.00nm			5.1mb		PTI	89.79	45 eP	41	23.86	0.6	VBV	146.83	333 ePKP	48	06.70	1.6
	Z	36s			5.0MsZ		HHA1	89.96	44 eP	41	24.00	0.0			epP'df	48	17.80	
TIY	79.78	315 P	40	33.80	0.7		LRM	90.93	42 eP	41	28.40	-0.2	FVI	146.96	336 PKP	48	07.20	2.0
	Z	25s			5.4MsZ		ALO	91.12	54 eP	41	30.03	0.4	VOY	146.98	335 ePKP	48	06.80	1.3
XAN	80.46	310 P	40	36.50	-0.3			1.3s	22.40nm		5.4mb		OHR	147.07	322 iPKP	48	07.40	1.7
	Z	28s			5.3MsZ		Z	22s	0.46um		4.9MsZ				i	48	11.50	
		SS	53	50.00			BW06	91.66	46 eP	41	31.00	-1.0	CDF	147.13	344 ePKP	48	07.50	1.9
GCC	80.56	47 eP	40	37.17	0.0			1.4s	7.23nm		4.9mb			1.2s	71.10nm			
PRS	80.66	47 eP	40	38.10	0.4		GOL	93.54	50 P	41	50.00	9.3X	TRI	147.30	335 ePKP	48	02.00	-3.8X
SAO	80.82	47 eP	40	38.66	0.1			Z	19s	0.52um	5.0MsZ				e	49	52.00	
ZSP	80.84	46 eP	40	39.03	0.4		SES	93.60	38 eP	41	39.00	-1.5			e	52	16.00	
BCH	81.03	49 iPc	40	40.62	0.8		RSSD	95.90	46 eP	41	50.53	-0.9			e	56	05.00	
ARN	81.04	47 eP	40	40.04	0.3			1.0s	6.41nm		5.0mb		OGA	147.37	339 ePKP	48	08.90	2.7X
		e	40	48.38	26km		Z	20s	0.27um		4.7MsZ		HAU	147.74	345 ePKP	48	09.00	2.5
PRI	81.07	48 ePd	40	40.72	0.7		YKA	96.64	26 eP	41	54.70	0.7		1.0s	21.20nm			
PKEM	81.42	48 eP	40	43.02	1.3			0.9s	3.00nm		4.8mb		BSF	147.79	344 ePKP	48	09.20	2.5
KMI	81.45	300 eP	40	43.50	1.1		WMO	99.38	313 eP	42	08.00	1.1		1.2s	36.60nm			
	2.0s	50.00nm			5.2mb			Z	43s	1.42um	5.1MsZ		OSS	147.83	339 PKP	48	09.56	2.7X
ABL	81.49	50 eP	40	42.50	0.1		CCM	103.75	54 Pdiff	42	40.00	13.4X	FLN	148.24	354 ePKP	48	10.00	2.8X
BDT	81.73	291 eP	40	44.00	0.4			Z	18s	0.31um	4.9MsZ			1.1s	38.60nm			
HMC	81.97	317 eP	40	45.60	1.0		FVM	104.37	54 Pdiff	42	40.00	10.6X		Z	23s	0.43um		5.2MsZ
LTCM	82.07	44 eP	40	45.17	0.2			Z	18s	0.57um	5.1MsZ		LDF	148.36	353 ePKP	48	10.20	2.8X
FRI	82.15	48 ePd	40	45.41	0.0		JFWS	105.35	49 PKP	47	00.00	12.4X		1.0s	25.00nm			
ORV	82.16	45 ePd	40	45.50	0.0			Z	19s	0.49um	5.1MsZ		GRR	148.65	354 ePKP	48	11.40	3.5X
CMB	82.17	46 ePd	40	45.56	-0.1		CEH	113.08	58 PKP	47	10.00	7.6X		1.3s	48.40nm			
		e	40	53.63	26km			Z	20s	0.43um	5.0MsZ		TMA	148.75	340 PKP	48	11.92	3.5X
SSK	82.33	51 eP	40	46.47	-0.2		RSNY	116.81	48 PKP	47	20.00	10.6X	LOR	149.01	347 ePKP	48	12.30	3.7X
CHG	82.34	292 ePc	40	47.20	0.3			Z	19s	0.12um	4.5MsZ			0.9s	21.15nm			
	1.1s	15.82nm			5.0mb		HRV	119.06	51 PKP	47	20.00	6.3X		Z	23s	0.38um		5.1MsZ
ISA	82.41	49 eP	40	47.06	0.1			Z	20s	0.29um	4.9MsZ		LPF	149.02	354 ePKP	48	12.40	3.9X
	1.2s	53.29nm			5.5mb		KAF	129.85	341 ePKP	47	32.50	-1.2		1.2s	83.60nm			
	Z	20s			5.0MsZ		OBN	130.34	330 ePKP	47	39.00	4.1X	DIX	149.22	342 PKP	48	14.00	4.7X
		e	40	55.09	25km			Z	24s	0.70um	5.3MsZ		LBF	149.25	347 ePKP	48	13.00	4.0X
MIN	82.48	44 eP	40	46.85	-0.5			N	24s	0.60um				1.4s	36.60nm			
SLKM	82.51	17 eP	40	45.56	-1.3		NUR	131.59	341 ePKP	47	46.00	8.9X	SSF	149.28	348 ePKP	48	13.10	4.2X
PLM	82.57	52 ePd	40	48.25	0.3		CLL	142.87	341 ePKP	47	57.00	-1.2		1.2s	46.40nm			
PEC	82.58	51 eP	40	47.16	-0.7		BRG	142.94	339 ePKP	48	02.20	3.8X	RSM	149.29	334 PKP	48	14.10	5.1X
	1.6s	41.54nm			5.3mb			1.4s	12.00nm			ARV	149.43	333 PKP	48	14.00	4.7X	
CRP	82.63	16 eP	40	45.29	-2.4		PRU	143.48	338 ePKP	48	09.00	9.7X	ORO	149.46	341 PKP	48	12.90	3.5X
LBFM	82.79	43 eP	40	49.04	0.0			Z	22s	0.50um	5.2MsZ	AVF	149.57	348 ePKP	48	13.40	4.0X	
BTO	82.86	316 eP	40	47.40	-1.8		SRO	143.71	333 ePKP	48	00.80	1.0		1.2s	24.70nm			
CD2	82.98	305 P	40	51.00	1.0		ZST	143.93	334 e(PKP)	48	03.00	2.8X	SMF	149.60	347 ePKP	48	13.70	4.2X
	Z	30s			5.0MsZ				e	02	32.00			1.2s	42.85nm			
PMR	83.71	17 eP	40	51.48	-1.4		KHC	144.54	338 ePKP	48	00.00	-1.2	PGD	149.63	335 PKP	48	15.20	5.4X
	1.4s	52.33nm			5.5mb			1.2s	17.00nm			BOB	149.74	338 PKP	48	18.60	8.8X	
	Z	19s			4.8MsZ			Z	22s	0.90um	5.5MsZ	CRE	149.74	334 PKP	48	14.10	4.2X	
GLA	83.98	53 eP	40	54.54	-0.5			N	22s	0.60um		MME	149.77	336 PKP	48	18.90	8.8X	
TNP	84.41	47 eP	40	57.14	-0.1			E	22s	0.60um		BGF	149.89	348 ePKP	48	14.50	4.6X	
	1.5s	68.84nm			5.7mb				e	48	03.60			0.7s	12.25nm			
TPNV	84.59	49 iPc	40	58.98	0.8				e	48	24.50		ASS	149.89	333 PKP	48	14.00	3.9X
	0.8s	22.20nm			5.4mb		GEC2	144.74	338 ePKP	47	59.60	-2.1	FIR	149.90	335 ePKP	48	14.50	4.6X
	Z	21s			5.6MsZ			1.0s	12.54nm			BDI	149.92	336 PKP	48	20.40	10.3X	
SIT	84.96	25 P	41	10.00	10.7X				e	48	04.40		LPL	149.94	343 ePKP	48	15.30	5.0X
	Z	20s			5.0MsZ				e	48	07.20			1.2s	29.75nm			
SHW	85.04	39 eP	41	00.90	0.7				e	48	14.00		LPG	149.95	343 ePKP	48	15.40	5.0X
LZH	85.10	310 Pd	41	02.00	1.3													

12d 03h

TCF	1.4s	44.85nm			
150.27	349 ePKP	48 15.50	5.0X		
	1.2s	37.20nm			
MFF	150.33	352 ePKP	48 15.50	5.0X	
	1.1s	33.95nm			
BN1	150.37	342 PKP	48 16.20	5.4X	
AZ1	150.39	331 PKP	48 15.90	5.2X	
LSF	150.42	350 ePKP	48 15.50	4.8X	
	1.2s	38.40nm			
MNS	150.43	332 PKP	48 15.20	4.3X	
SGO	150.53	326 PKP	48 15.80	4.8X	
TDS	150.60	324 PKP	48 16.50	5.3X	
SBF	151.22	340 ePKP	48 17.20	5.2X	
	1.0s	26.20nm			
RJF	151.34	349 ePKP	48 17.90	5.8X	
	1.3s	32.85nm			
Z	22s	0.30um		5.1MsZ	
CAF	151.61	349 ePKP	48 18.70	6.1X	
FRF	151.74	341 ePKP	48 18.60	5.9X	
PGF	151.82	337 ePKP	48 18.80	5.7X	
	1.2s	39.00nm			
LFF	151.83	350 ePKP	48 19.10	6.3X	
LRG	151.92	341 ePKP	48 19.00	6.0X	
Z	23s	0.43um		5.2MsZ	
LMR	151.99	341 ePKP	48 19.10	6.0X	
	1.2s	29.15nm			
LPO	152.00	350 ePKP	48 19.50	6.4X	
BCAO	153.16	245 iPKPd	48 15.20	-0.5	
	1.2s	11.00nm			
EPF	153.75	350 ePKP	48 23.80	8.1X	
	S.D. = 1.1	on 116 of 185 obs.			

? SEP 12, 1992 04h 08m 46.92± 1.52s
38.970 N ± 0.4km 29.649 E ± 22.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

KHL	0.65	189 iPg	09 00.00	0.0	
		iSg	09 10.00		
DST	1.02	309 iPn	09 06.00	-0.2	
YLV	1.61	352 ePn	09 15.40	-0.1	
KCT	1.62	322 ePn	09 15.90	0.3	
	S.D. = 0.3	on 4 of 4 obs.			

* SEP 12, 1992 04h 42m 55.50± 1.66s
31.155 S ± 20.5km 69.415 W ± 15.5km
DEPTH = 131.4 ± 14.6 km
SAN JUAN PROVINCE, ARGENTINA (137)
MD 4.0 (SAN).

RTBS	0.51	184 iPd	43 15.00	0.1	
RTCB	0.62	122 iPd	43 15.00	-0.8	
		(S)	43 28.00		
ZON	0.74	122 iPd	43 17.50	0.8	
		eS	43 32.50		
RTCV	1.03	133 iPc	43 18.40	-0.7	
		S	43 33.60		
JACH	1.82	213 iPd	43 28.63	0.7	
		iS	43 53.33		
PEL	2.26	208 iP+	43 33.19	0.0	
		iS	44 01.10		
ROCH	2.26	216 iPd	43 33.49	0.0	
		iS	44 02.16		
FCH	2.29	199 iPd	43 34.70	0.8	
		iS	44 04.09		
SAN	2.52	204 iP+	43 36.98	0.4	
		iS	44 07.43		
PCH	2.63	200 iP	43 38.50	0.5	
		iS	44 10.69		
RTPR	2.64	72 ePd	43 38.30	0.2	
		S	44 08.20		
TACH	2.80	207 iP+	43 39.90	-0.3	
		iS	44 13.22		
LCCH	2.95	218 iP	43 41.76	-0.3	
CHCH	2.96	200 iPd	43 42.11	-0.2	
		iS	44 17.06		
CACH	3.12	198 iP+	43 44.73	0.3	
		iS	44 22.37		
LNV	3.26	211 iP+	43 44.91	-1.3	
		iS	44 22.19		
	S.D. = 0.7	on 16 of 16 obs.			

% SEP 12, 1992 04h 46m 10.17± 0.89s
43.154 N ± 6.3km 19.519 E ± 6.7km
DEPTH = 5.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

PLE	0.20	333 iPg	46 14.31	0.0	
		iSg	46 17.20		
IVA	0.40	135 iPg	46 18.37	0.2	
		iSg	46 23.76		
NKY	0.51	228 iPg	46 21.07	0.6	
		iSg	46 28.91		
PVY	0.65	149 iPg	46 22.94	-0.3	
		iSg	46 32.09		
TTG	0.75	195 iPg	46 25.06	-0.1	
		iSg	46 36.44		
BRY	0.76	251 iPg	46 25.00	-0.5	
		iSg	46 37.51		
	S.D. = 0.5	on 6 of 6 obs.			

% SEP 12, 1992 04h 51m 46.91± 0.60s
40.670 N ± 5.5km 23.127 E ± 5.2km
DEPTH = 10.0km (geophysicist)

GREECE (364)

THE	0.13	253 iPg	51 50.46	0.4	
		iSg	51 52.58		
SOH	0.23	49 iPg	51 51.98	0.1	
		iSg	51 55.74		
KNT	0.52	341 iPg	51 57.46	0.0	
		iSg	52 05.54		
SRS	0.57	38 ePg	51 58.42	0.0	
		iSg	52 05.30		
GRG	0.62	298 ePg	51 59.10	-0.3	
		iSg	52 08.94		
OUR	0.73	117 ePg	52 01.50	0.2	
		iSg	52 12.06		
PAIG	0.85	150 ePg	52 02.98	-0.4	
		iSg	52 15.54		
	S.D. = 0.4	on 7 of 7 obs.			

& SEP 12, 1992 05h 01m 22.80s
49.138 N 128.850 W
DEPTH = 10.0km (geophysicist)
3.9mb (6 obs.)
VANCOUVER ISLAND REGION (25)
<PGC-P>.

EDB	1.35	56 P	01 47.43	-0.1	
ETB	1.53	80 P	01 50.15	0.0	
HOLB	1.57	17 P	01 52.43	1.6	
PHC	1.82	30 P	01 53.92	-0.4	
		S	02 17.18		
GDR	1.95	70 P	01 56.00	-0.2	
BTB	2.20	80 P	01 59.89	-0.2	
OZB	2.22	93 P	01 59.17	-1.0	
CBP	2.44	67 P	02 03.73	0.5	
BBB	3.09	8 P	02 11.40	-1.0	
		S	02 47.20		
NAB	3.18	87 P	02 14.42	0.6	
PGC	3.60	96 eP	02 21.00	1.3	
MCW	4.00	94 (P)	02 25.67	0.3	
LON	5.30	114 ePn	02 46.19	2.2	
DPW	7.19	96 eP	03 10.10	-0.4	
NEW	7.81	92 eP	03 17.29	-1.9	
LBFM	9.20	145 eP	03 39.57	0.9	
ORV	10.92	149 eP	04 02.79	0.7	
SES	11.59	77 eP	04 12.00	0.8	
BW06	14.83	108 eP	04 56.00	1.6	
	1.2s	5.71nm		4.0mb X	
DAU	15.21	118 eP	05 08.18	8.7	
TPNV	15.25	138 (P)	05 08.44	8.7	
	1.0s	5.78nm		3.9mb	
YKA	15.54	25 eP	05 09.10	5.9	
	0.8s	3.80nm		3.7mb	
ARUT	15.90	130 eP	05 14.71	6.5	
MSU	16.01	125 eP	05 15.98	6.2	
SRU	16.50	121 eP	05 21.83	5.9	
RSSD	17.73	97 eP	05 36.92	5.5	
	0.9s	5.75nm		3.7mb	
ULM	21.27	74 eP	06 17.00	5.8	
IMA	21.31	332 P	06 15.72	4.1	
	1.1s	7.41nm		4.0mb	
ALO	21.75	122 eP	06 18.05	1.6	
	1.1s	4.45nm		3.8mb	
FCC	22.37	51 eP	06 35.50	13.4	
JFWS	27.29	88 eP	07 16.81	7.7	
	0.9s	12.27nm		4.6mb	
	31 obs.	associated			

% SEP 12, 1992 05h 16m 26.50± 0.90s
41.016 N ± 12.2km 33.106 E ± 5.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MG 3.0 (DDA).

DVR	0.84	280 eP	16 42.80	0.0	
		eS	16 56.00		
SGKT	0.91	241 eP	16 43.00	-1.1	
		eS	17 02.80		
KART	0.92	80 eP	16 44.00	-0.2	
		eS	16 58.50		
BBTK	1.20	193 eP	16 48.90	-0.1	
		eS	17 03.70		
CTK	1.35	103 eP	16 51.50	0.1	
		eS	17 09.50		
NAL	1.59	240 eP	16 56.20	1.3	
	S.D. = 1.0	on 6 of 6 obs.			

* SEP 12, 1992 05h 35m 01.49± 0.60s
37.291 N ± 13.6km 69.808 E ± 10.3km
DEPTH = 33.0km (normal)
4.0mb (4 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG.(717)

MAIO	8.33	266 ePn	37 03.00	-0.1	
		eSn	38 25.00		
GKN	15.53	122 P	38 39.54	-0.3	
DMN	16.10	122 P	38 47.04	-0.2	
KKN	16.10	122 P	38 46.22	-1.0	
PKI	16.33	122 P	38 49.14	-1.1	
GUN	16.44	120 P	38 52.80	1.2	
GBA	24.55	162 P	40 20.60	1.1	
HFS	41.85	321 eP	42 48.30	-1.3	
	0.5s	1.40nm		3.9mb	
NB2	43.17	323 P	42 59.90	-0.6	
	0.6s	1.80nm		4.0mb	
MBC	66.59	2 eP	45 51.50	1.5	
	0.8s	6.00nm		4.7mb	
YKA	80.50	2 eP	47 11.80	0.7	
	0.7s	1.20nm		4.0mb	
	S.D. = 1.1	on 11 of 11 obs.			

? SEP 12, 1992 06h 46m 05.86± 6.31s
12.033 N ± 81.6km 87.052 W ± 25.4km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

PRM	22.36	10 (P)	51 02.75	0.2	
GBTN	23.67	6 eP	51 15.78	0.5	
VVO	24.50	343 e(P)	51 23.60	0.2	
TUL	25.05	343 e(P)	51 28.10	-0.6	
	0.6s	4.70nm		4.3mb	
ALO	28.82	326 eP	52 06.00	2.6	
	1.0s	4.75nm		4.1mb	
JFWS	30.89	355 eP	52 19.81	-1.7	
	0.8s	8.81nm		4.6mb	
PV10	32.75	327 eP	52 38.20	0.0	
SRU	34.08	326 eP	52 48.01	-1.6	
EEO	35.15	10 eP	52 59.00	0.5	
RSSD	35.16	339 (P)	52 59.50	0.6	
	0.8s	2.60nm		4.2mb	
BW06	36.33	332 eP	53 07.80	-1.0	
	0.8s	0.83nm		3.7mb	
LMN	38.65	25 eP	53 28.00	0.0	
ULM	38.79	351 eP	53 29.50	0.4	
	S.D. = 1.2	on 13 of 13 obs.			

& SEP 12, 1992 07h 47m 06.58s
60.016 N 146.826 W
DEPTH = 11.8km
3.9mb (4 obs.)
SOUTHERN ALASKA (2)
<AEIC>. ML 4.2 (AEIC), 4.4 (PMR). Felt at Cordova.

HIN	0.42	23 iPd	47 15.08	-0.1	
MTU	0.42	266 iPc	47 14.96	-0.2	
LTI	0.52	273 eP	47 16.67	-0.4	
KNIM	0.56	307 iPc	47 17.36	-0.6	
		eS	47 25.83		
MID	0.64	157 P	47 19.10	-0.1	
FID	0.76	13 iPd	47 20.01	-1.2	
GLI	0.88	351 iPd	47 22.11	-1.2	
SGAM	0.94	58 iPc	47 23.17	-1.2	
VZW	1.06	7 ePd	47 25.06	-1.3	
RAGM	1.14	70 iPc	47 25.94	-1.8	
VLZ	1.15	12 iPd	47 26.26	-1.6	
		eS	47 42.18		

KAIM	1.22	93	iPc	47 27.27	-1.8	KTH	4.05	333	eP	48 07.19	-2.5	OJC	0.57	109	iPgc	38 02.70	-0.2
			eS	47 42.30		DJE	4.06	7	eP	48 07.26	-2.6				iSg	38 10.80	
SEW	1.32	275	iPc	47 28.38	-2.4	HQN	4.06	95	iPc	48 06.01	-3.9	RAC	0.59	237	iP	38 03.40	0.1
			eS	47 45.77		BGM	4.30	265	eP	48 08.42	-4.9		0.8s		0.34nm		
HMT	1.32	75	iPc	47 28.67	-2.2	HDA	4.41	359	ePd	48 11.84	-2.9				i	38 03.80	
			eS	47 44.49		SVW	4.48	288	ePn	48 09.91	-5.9				i	38 09.70	
MPA	1.35	292	iPc	47 28.74	-2.4				S	49 20.14					iS	38 11.50	
			eS	47 47.71		WRH	4.51	353	eP	48 12.44	-3.8	SPC	1.47	145	iPn	38 18.30	0.2
PTE	1.38	309	iPc	47 29.58	-2.0	CCB	4.67	355	iPd	48 15.21	-3.3				iSg	38 37.20	
			eS	47 47.46		NEA	4.70	348	eP	48 15.90	-3.0				Lg	38 39.00	
KLU	1.55	16	iPd	47 32.53	-1.5	FBA	4.92	355	ePd	48 18.40	-3.7	KSP	1.76	286	ePn	38 23.10	1.0
KNK	1.61	331	ePd	47 33.45	-1.5	GLM	5.00	357	eP	48 19.25	-3.9		0.9s		55.00nm		
SLKM	1.76	288	iPc	47 34.54	-2.6	MLY	5.35	342	eP	48 25.67	-2.5				iPg	38 25.70	
			eS	47 56.91		PRP	5.56	6	P	48 25.30	-5.9				iS	38 50.30	
PMS	1.83	314	P	47 35.70	-2.4	IMA	6.82	336	ePn	48 44.98	-4.0	VRAC	1.88	235	ePn	38 25.00	1.1
SCM	1.84	353	iPd	47 36.85	-1.5	SDN	8.69	243	eP	49 09.85	-5.0		0.7s		98.30nm		
SML	1.94	338	iPd	47 38.37	-1.4	YKA	15.60	67	eP	50 48.90	1.3				ePg	38 27.90	
PLRM	1.94	325	ePc	47 37.57	-2.1		0.7s		2.90nm		3.6mb	ZST	2.52	210	eP	38 40.10	7.0X
PMR	1.94	325	ePc	47 37.31	-2.4	MBC	18.87	20	eP	51 26.00	-2.4	PSZ	2.56	166	eP	38 37.40	3.7X
CROM	1.98	66	iPc	47 38.31	-2.1		0.8s		3.00nm		3.6mb	VKA	2.75	220	iP	38 41.90	5.5X
SNH	2.00	84	ePc	47 38.46	-2.2	NEW	20.80	111	eP	51 48.40	-1.5				i	38 48.70	
			eS	48 03.50			1.0s		11.00nm		4.2mb				i(Sn)	39 25.40	
WAX	2.03	76	iPc	47 38.29	-2.8	SES	22.30	100	eP	52 03.00	-2.0	PRU	2.87	263	Pn	38 37.00	-1.1
GHO	2.04	331	ePc	47 39.52	-1.7	RSSD	30.08	103	eP	53 23.39	5.6				Pg	38 43.70	
GLB	2.06	45	iPd	47 39.66	-1.8		0.8s		3.00nm		4.2mb				e	39 13.50	
			eS	48 04.42		PV10	32.16	115	(P)	53 35.20	-1.0				Sg	39 24.00	
BRLK	2.06	265	eP	47 39.52	-2.0		108 obs. associated					BRG	3.23	280	ePg	38 54.00	10.9X
TGL	2.12	68	iPc	47 40.16	-2.2										iSg	39 38.00	
			eS	48 05.47		? SEP 12, 1992 08h 36m 45.05 \pm 3.29s						KHC	3.72	252	Pn	38 49.00	-1.1
TOA	2.12	8	P	47 41.50	-0.9	39.145 N \pm 28.2km 27.594 E \pm 9.1km									Pg	39 02.40	
TZL	2.15	18	iPd	47 42.06	-0.6	DEPTH = 10.0km (geophysicist)									Sg	39 48.50	
CYK	2.18	86	iPc	47 40.68	-2.4	TURKEY						CLL	3.88	286	ePg	39 05.00	12.6X
			eS	48 06.84											eSg	40 02.00	
PWA	2.22	319	P	47 41.70	-2.0	DST	0.92	60	iPn	37 02.70	0.0	HOF	4.54	272	ePn	39 19.00	17.3X
CNPM	2.28	259	eP	47 41.41	-3.3				iSg	37 17.70		KBA	4.99	230	eP	39 25.00	16.8X
NKA	2.31	290	iPc	47 43.67	-1.3	EZN	1.19	305	ePn	37 07.30	0.0		1.0s		10.00nm		
WRG	2.41	87	ePc	47 43.53	-2.9	BNT	1.24	12	iPn	37 07.90	-0.1				i	40 30.90	
SUA	2.41	309	iPc	47 43.79	-2.8	KCT	1.25	28	ePn	37 08.40	0.1	GRF	5.04	265	e(Pg)	39 16.50	7.7X
BALM	2.44	63	iPc	47 44.63	-2.3										eSg	40 28.50	
HOM	2.46	264	eP	47 45.78	-1.3	S.D. = 0.2 on 4 of 4 obs.											
XLV	2.54	259	eP	47 47.93	-0.4	% SEP 12, 1992 08h 59m 50.64 \pm 0.87s											
YAH	2.56	80	iPc	47 46.22	-2.6	45.588 N \pm 5.1km 0.596 E \pm 8.3km											
SDG	2.60	13	iPd	47 48.00	-1.1	DEPTH = 10.0km (geophysicist)						% SEP 12, 1992 09h 45m 36.36 \pm 0.93s					
SPU	2.83	297	iPc	47 49.22	-3.3	FRANCE						18.385 N \pm 13.0km 101.698 W \pm 7.7km					
			eS	48 23.09		ML 2.4 (LDG).						DEPTH = 33.0km (normal)					
RDT	2.83	284	eP	47 48.49	-4.1							GUERRERO, MEXICO					
CGLM	2.86	299	iPc	47 49.82	-3.1	LFF	0.66	171	Pg	00 04.00	0.3	MRX	1.40	20	iP	45 59.00	-0.7
CTGM	2.88	68	iPc	47 50.86	-2.4				Sg	00 13.60					iS	46 17.00	
BKG	2.89	294	iPc	47 49.86	-3.4	RJF	0.71	113	Pg	00 03.90	-0.7	COLM	2.05	293	iP	46 08.50	-0.7
CKN	2.90	297	iPc	47 50.58	-2.9				Sg	00 13.40					iS	46 33.00	
CRP	2.91	298	iPc	47 50.03	-3.7	LSF	0.93	44	Pg	00 07.40	-1.0	III	2.12	90	iP	46 11.50	1.1
CUT	2.92	327	ePc	47 51.40	-2.2				Sg	00 19.00					iS	46 35.00	
CPKM	2.94	297	iPc	47 51.01	-3.2	LPO	1.00	155	Pg	00 09.50	0.0	CGX	2.12	308	eP	46 11.50	1.1
CKL	2.96	296	iPc	47 51.12	-3.3				Sg	00 23.60					iS	46 37.00	
NCG	2.97	300	iPc	47 51.36	-3.1	MFF	1.14	333	Pg	00 11.70	-0.2	ACX	2.31	130	iP	46 12.50	-0.5
REF	2.97	282	iPc	47 51.13	-3.4				Sg	00 25.80					iS	46 42.00	
DFR	2.97	284	ePc	47 50.92	-3.6	CAF	1.23	122	Pg	00 13.30	-0.2	TPM	2.57	76	(P)	46 17.00	0.3
RSO	2.99	281	iPc	47 51.43	-3.4				Sg	00 29.70		IISM	4.14	81	(P)	46 38.25	-0.6
RS1	2.99	281	iPc	47 51.54	-3.3	TCF	1.33	58	Pg	00 15.20	0.1						
RS2	2.99	281	iPc	47 51.49	-3.4				Sg	00 31.60							
RDN	3.00	282	ePc	47 51.45	-3.5	MAF	1.51	65	Pg	00 18.60	0.8						
BGL	3.01	297	iPc	47 51.85	-3.2				Sg	00 37.20		% SEP 12, 1992 11h 23m 44.60 \pm 0.54s					
RDW	3.02	282	iPc	47 51.81	-3.4	BGF	1.84	57	Pg	00 23.60	1.0	37.824 N \pm 5.2km 2.440 W \pm 5.0km					
SKT	3.02	313	ePc	47 51.82	-3.3				Sg	00 47.00		DEPTH = 10.0km (geophysicist)					
PAX	3.04	12	eP	47 53.33	-2.1							SPAIN					
NCT	3.09	283	iPc	47 52.69	-3.4	S.D. = 0.7 on 9 of 9 obs.						mbLg 3.2 (MDD).					
SYI	3.18	246	eP	47 55.20	-2.2	? SEP 12, 1992 09h 02m 51.92 \pm 2.34s						EHUE	0.12	266	iPc	23 46.49	-1.2
OPT	3.25	266	ePd	47 55.57	-2.9	29.740 S \pm 16.0km 117.035 E \pm 23.2km						EALH	0.81	87	iPd	24 00.28	0.0
HUR	3.26	337	eP	47 58.20	-0.4	DEPTH = 10.0km (geophysicist)									eS	24 10.20	
PCA	3.30	86	ePc	47 56.05	-3.0	WESTERN AUSTRALIA						EVIA	0.81	357	iPc	24 00.45	0.0
AUE	3.38	262	eP	47 58.38	-1.9										eS	24 12.00	
AUL	3.41	262	eP	47 58.95	-1.7	BAL	0.91	198	eP	02 49.00	-0.3	ENIJ	0.87	168	eP	24 00.73	-0.6
AUI	3.42	261	eP	47 59.26	-1.5				eS	03 04.00					eS	24 12.00	
AUH	3.42	262	eP	47 59.00	-1.8	MRWA	1.05	300	iPc	02 51.60	0.0	ECOG	1.05	239	eP	24 04.97	0.5
AUW	3.43	262	eP	47 59.50	-1.4				iS	03 06.10					eS	24 19.30	
THY	3.45	8	eP	47 59.67	-1.6	KLB	1.95	161	eP	03 05.30	-0.1	EBAN	1.12	288	eP	24 05.56	0.0
RND	3.54	345	eP	48 00.98	-1.5				eS	03 30.00					eS	24 19.80	
BCPM	3.61	88	eP	48 00.01	-3.5	MUN	2.34	197	eP	03 11.50	0.4	EGUA	1.33	223	eP	24 10.10	0.9
CDD	3.64	256	eP	48 01.85	-2.2				eS	03 44.00					eS	24 25.80	
KDC	3.72	235	P	48 01.20	-3.8	S.D. = 0.6 on 4 of 4 obs.						ELUO	1.47	260	eP	24 12.10	0.9
PDB	3.72	270	eP	48 01.55	-3.5	* SEP 12, 1992 09h 37m 51.41 \pm 1.25s									eS	24 31.50	
PNL	3.77	92	eP	48 02.16	-3.6	50.404 N \pm 17.4km 18.964 E \pm 7.1km						ECHE	2.11	33	eP	24 20.73	0.3
DDM	3.81	6	eP	48 05.73	-0.7	DEPTH = 10.0km (geophysicist)						EHOR	2.22	271	eP	24 21.11	-0.9
TRF	3.82	336	eP	48 04.92	-1.7	POLAND									eS	24 48.10	
MCK	3.86	346	eP	48 05.61	-1.5	ML 3.5 (WAR).						TOL	2.41	329	ePg	24 27.50	2.8X
DOT	3.87	19	eP	48 05.34	-1.9										iSg	25 01.00	
MCNL	3.91	261	eP	48 05.47	-2.2							GUD	3.11	335	eP	24 34.89	0.1

12d 11h

eS 25 12.50
S.D. = 0.8 on 11 of 12 obs.
SEP 12, 1992 12h 03m 48.58s
56.247 N 150.127 W
DEPTH = 19.7km
4.1mb (1 obs.)
GULF OF ALASKA (15)
<AEIC>. ML 4.3 (AEIC).

KDC	1.98	320	ePd	04 19.25	-2.3
			S	04 44.03	
SYI	2.67	334	iP	04 29.34	-1.9
			eS	05 02.50	
CDD	3.29	326	eP	04 38.35	-1.8
			eS	05 16.89	
XLV	3.33	346	eP	04 38.33	-2.3
			eS	05 19.28	
CNPM	3.34	350	iP	04 37.97	-2.9
			eS	05 18.74	
HOM	3.52	347	eP	04 41.15	-2.2
			eS	05 23.58	
AUI	3.56	332	eP	04 42.26	-1.8
			eS	05 24.82	
AUE	3.57	332	eP	04 42.51	-1.6
AUH	3.59	332	eP	04 43.12	-1.4
AUL	3.61	332	eP	04 43.47	-1.2
AUW	3.61	332	eP	04 42.88	-1.8
MCNL	3.71	324	eP	04 44.16	-2.0
MID	3.78	31	P	04 44.20	-2.8
OPT	3.79	335	eP	04 45.40	-1.9
			eS	05 30.13	
SEW	3.88	5	iP	04 44.71	-3.8
			eS	05 28.49	
MTU	3.97	18	eP	04 46.37	-3.4
			eS	05 32.05	
PDB	4.16	330	eP	04 49.80	-2.6
			eS	05 36.89	
BGM	4.17	321	iP	04 49.92	-2.7
			eS	05 39.29	
MPA	4.27	5	iP	04 50.26	-3.8
SLKM	4.27	359	eP	04 50.11	-4.0
KNIM	4.30	16	eP	04 50.55	-3.9
RS1	4.45	343	iP	04 51.52	-5.2
RSO	4.45	343	eP	04 53.07	-3.7
RS2	4.45	343	eP	04 53.11	-3.6
REF	4.47	343	eP	04 53.10	-3.9
RDW	4.48	343	eP	04 53.39	-3.7
RDT	4.50	346	eP	04 53.29	-4.1
DFR	4.56	344	eP	04 54.53	-3.7
NCT	4.57	342	eP	04 54.43	-4.0
HIN	4.58	23	eP	04 54.45	-4.0
PTE	4.67	7	eP	04 55.89	-3.8
KAIM	4.77	37	eP	04 57.26	-3.9
FID	4.90	21	iP	04 59.13	-3.9
GLI	4.91	18	eP	04 59.44	-3.6
BKG	4.96	348	eP	04 59.34	-4.6
SGAM	4.99	29	eP	05 00.59	-3.6
PMS	5.02	3	P	05 00.80	-3.9
RAGM	5.05	32	eP	05 01.32	-3.8
SPU	5.05	349	eP	05 00.64	-4.5
CKL	5.10	348	eP	05 01.73	-4.1
CKN	5.11	349	eP	05 03.72	-2.2
HMT	5.14	35	eP	05 02.20	-4.1
CRP	5.14	349	ePn	05 02.11	-4.4
			S	06 03.93	
CPKM	5.15	349	eP	05 02.02	-4.7
			S	06 04.39	
BGL	5.17	348	eP	05 03.05	-3.8
CGLM	5.17	350	eP	05 03.12	-3.7
VZW	5.17	20	eP	05 03.70	-3.2
SUA	5.24	357	eP	05 03.41	-4.5
KNK	5.25	9	eP	05 04.06	-3.9
NCG	5.28	349	eP	05 04.95	-3.5
VLZ	5.28	20	eP	05 04.98	-3.3
PLRM	5.39	5	eP	05 06.44	-3.4
PMR	5.39	5	ePn	05 05.97	-3.8
			S	06 07.21	
PWA	5.42	1	P	05 06.90	-3.4
SNH	5.51	41	eP	05 07.29	-4.4
GHO	5.58	6	eP	05 09.44	-3.2
CYK	5.58	43	eP	05 08.10	-4.4
SVW	5.65	332	eP	05 09.61	-4.0
SML	5.65	9	eP	05 10.00	-3.7
WAX	5.69	39	eP	05 09.77	-4.5
KLU	5.70	21	eP	05 10.72	-3.5
WRG	5.73	45	eP	05 09.79	-4.9

SCM 5.79 13 eP 05 12.84 -2.7
SKT 5.80 353 eP 05 11.37 -4.2
CROM 5.82 36 eP 05 12.59 -3.5
TGL 5.92 37 eP 05 13.13 -4.3
SDN 5.92 265 eP 05 11.21 -6.1
YAH 6.04 43 eP 05 14.57 -4.7
GLB 6.15 30 eP 05 17.05 -3.6
CUT 6.18 359 P 05 20.30 -0.6
TOA 6.22 17 P 05 20.50 -1.1
BALM 6.29 37 iP 05 17.99 -4.7
TZL 6.30 21 eP 05 20.75 -1.9
PCA 6.49 49 eP 05 20.78 -4.7
CTGM 6.59 41 eP 05 22.40 -4.6
PNL 6.66 55 eP 05 23.16 -4.6
BCPM 6.69 52 eP 05 23.43 -4.7
SDG 6.72 18 eP 05 25.74 -2.9
HON 6.81 57 eP 05 24.66 -5.2
PAX 7.15 17 eP 05 30.42 -4.2
RND 7.21 5 eP 05 32.08 -3.5
TRF 7.23 359 eP 05 32.24 -3.7
FBA 8.76 7 eP 05 52.20 -4.8
IMA 10.00 352 eP 06 10.41 -3.9
ANM 11.21 324 (P) 06 27.41 -3.2
MBC 23.02 18 eP 08 53.00 0.3
1.0s 6.00nm 4.1mb
86 obs. associated

SEP 12, 1992 12h 24m 34.63s
60.139 N 153.152 W
DEPTH = 128.8km
SOUTHERN ALASKA (2)
<AEIC>.

RS1	0.38	31	iP	24 52.58	-0.9
			eS	25 07.06	
RS2	0.38	31	eP	24 52.58	-0.9
RSO	0.38	31	eP	24 52.60	-0.9
RDW	0.38	26	iP	24 52.57	-0.9
REF	0.42	32	iP	24 52.72	-0.9
RDN	0.42	27	eP	24 53.60	0.0
NCT	0.44	15	eP	24 52.79	-0.8
			eS	25 07.35	
OPT	0.49	185	iP	24 52.98	-0.8
			eS	25 07.21	
DFR	0.51	27	iP	24 52.92	-1.1
			eS	25 08.24	
RDT	0.57	40	iP	24 53.44	-0.9
PDB	0.63	237	iP	24 53.50	-1.1
AUL	0.77	191	iP	24 55.08	-0.6
AUW	0.79	192	iP	24 55.00	-0.8
AUE	0.79	188	iP	24 54.82	-1.0
AUH	0.79	191	iP	24 55.13	-0.8
AUI	0.82	190	eP	24 55.02	-1.1
			eS	25 11.20	
HOM	0.90	122	eP	24 56.19	-0.6
			eS	25 13.15	
NNL	0.94	95	P	24 56.20	-0.9
XLV	1.00	133	eP	24 56.47	-1.2
			eS	25 14.09	
BKG	1.03	25	iP	24 57.30	-0.8
			eS	25 15.38	
NKA	1.13	57	eP	24 59.76	0.9
MCNL	1.13	213	eP	24 57.68	-1.3
			eS	25 15.71	
CKL	1.13	20	iP	24 58.47	-0.7
			eS	25 17.54	
CNPM	1.15	122	iP	24 58.18	-1.0
			eS	25 16.68	
SPU	1.18	27	iP	24 58.55	-1.0
			eS	25 18.19	
BGL	1.19	18	iP	24 59.18	-0.5
CKN	1.19	23	eP	24 59.04	-0.6
CPKM	1.22	21	iP	24 59.59	-0.5
CRP	1.23	23	iP	24 59.55	-0.7
CDD	1.24	192	iP	24 58.74	-1.4
			eS	25 18.28	
BGM	1.29	235	eP	24 59.18	-1.5
CGLM	1.30	25	iP	24 59.98	-0.9
NCG	1.36	21	eP	25 00.83	-0.7
SLKM	1.50	74	eP	25 01.74	-1.3
SVW	1.56	310	P	25 02.40	-1.3
SYI	1.58	165	eP	25 02.81	-1.1
			eS	25 24.69	
SUA	1.78	41	iP	25 05.37	-1.0
			eS	25 30.14	
SEW	1.85	89	eP	25 05.50	-1.6
MPA	1.92	78	iP	25 06.37	-1.6

SKT 2.01 22 iP 25 07.90 -1.2
eS 25 34.58
PMS 2.09 56 P 25 08.30 -1.8
S 25 35.20
PTE 2.17 69 eP 25 08.78 -2.2
PWA 2.20 45 P 25 11.10 -0.4
KDC 2.42 172 P 25 11.60 -2.7
PLRM 2.45 52 eP 25 12.68 -1.9
GHO 2.63 50 eP 25 14.88 -2.2
KNK 2.63 59 eP 25 14.45 -2.6
LTI 2.66 90 eP 25 16.15 -1.2
CUT 2.67 30 eP 25 16.18 -1.2
KNIM 2.71 83 eP 25 14.95 -3.1
eS 25 46.81
MTU 2.76 91 eP 25 17.04 -1.7
SML 2.89 52 iP 25 17.71 -2.7
GLI 3.09 73 eP 25 20.98 -2.0
SCM 3.31 57 eP 25 23.82 -2.2
HIN 3.32 83 eP 25 23.84 -2.3
FID 3.36 77 eP 25 23.99 -2.7
VLZ 3.50 71 eP 25 26.39 -2.1
TRF 3.59 21 eP 25 28.01 -1.8
KLU 3.79 66 eP 25 29.62 -2.8
RND 3.86 30 eP 25 31.50 -1.9
SGAM 3.97 81 eP 25 32.28 -2.5
MCK 4.12 27 eP 25 35.72 -1.1
KAIM 4.39 89 eP 25 39.23 -1.1
GLB 4.76 70 eP 25 43.71 -1.8
NEA 4.84 21 eP 25 44.53 -2.0
WRH 4.95 26 iP 25 45.36 -2.6
WAX 5.13 82 eP 25 47.81 -2.7
CCB 5.16 26 eP 25 47.96 -2.9
HDA 5.17 31 eP 25 48.24 -2.7
FBA 5.38 25 eP 25 51.49 -2.3
BALM 5.40 76 eP 25 52.17 -2.1
GLM 5.55 26 eP 25 53.46 -2.7
72 obs. associated

SEP 12, 1992 12h 30m 02.93s
59.895 N 153.250 W
DEPTH = 119.9km
SOUTHERN ALASKA (2)
<AEIC>.

OPT	0.24	178	iPc	30 19.12	0.8
			eS	30 31.74	
PDB	0.49	258	iPc	30 20.16	-0.9
			eS	30 33.28	
AUL	0.52	190	ePc	30 20.67	-0.6
			eS	30 34.09	
AUW	0.54	192	iPc	30 20.74	-0.6
AUE	0.54	187	eP	30 20.47	-0.9
AUH	0.54	191	eP	30 20.97	-0.5
AUI	0.57	189	eP	30 20.59	-1.0
			eS	30 33.85	
RS1	0.62	23	ePc	30 21.38	-0.8
RS2	0.62	23	iPc	30 21.34	-0.9
RSO	0.62	23	iPc	30 21.43	-0.8
			eS	30 35.69	
RDW	0.63	20	iPc	30 21.41	-0.8
			eS	30 37.63	
REF	0.66	24	iPc	30 21.65	-0.8
			eS	30 35.99	
NCT	0.69	13	ePc	30 21.73	-0.8
			eS	30 36.25	
DFR	0.75	22	ePc	30 22.31	-0.8
RDT	0.80	31	iPc	30 22.56	-0.9
HOM	0.85	106	ePc	30 23.08	-0.7
MCNL	0.90	218	ePd	30 23.17	-1.1
CDD	0.99	192	ePd	30 23.91	-1.3
CNPM	1.09	109	iPc	30 24.83	-1.3
			eS	30 41.79	
BGM	1.12	244	eP	30 25.44	-1.1
BKG	1.28	22	iPc	30 27.77	-0.5
SYI	1.36	161	eP	30 28.09	-1.0
			eS	30 47.54	
CKL	1.38	19	eP	30 29.12	-0.4
SPU	1.42	24	eP	30 29.29	-0.6
BGL	1.44	17	ePc	30 29.91	-0.2
CPKM	1.46	20	eP	30 29.60	-0.9
CRP	1.48	21	eP	30 30.44	-0.2
CGLM	1.54	23	iPd	30 30.80	-0.5
NCG	1.61	19	eP	30 32.02	-0.1
SLKM	1.63	67	eP	30 31.35	-1.0
SEW	1.92	82	eP	30 34.35	-1.5
SUA	2.00	37	ePd	30 36.35	-0.6
MPA	2.03	71	eP	30 35.86	-1.4

SKT 2.25 21 iPd 30 39.37 -0.7
 PMS 2.27 52 iPc 30 39.22 -1.1
 PTE 2.31 63 eP 30 39.99 -0.8
 PLRM 2.64 48 eP 30 43.62 -1.5
 LTI 2.72 85 eP 30 44.60 -1.5
 KNIM 2.80 78 ePc 30 44.92 -2.3
 KNK 2.81 55 eP 30 45.07 -2.3
 MTU 2.82 86 eP 30 46.46 -1.0
 GHO 2.83 46 eP 30 45.71 -2.1
 SML 3.08 49 eP 30 48.59 -2.4

43 obs. associated

SEP 12, 1992 12h 45m 56.94±0.29s
 24.573 N ± 4.4km 124.447 E ± 5.0km
 DEPTH = 25.0km (4 depth phases)
 4.9mb (42 obs.) 4.3msz (4 obs.)
 SOUTHWESTERN RYUKYU ISLANDS (246)
 ML 4.2 (BJI).

QZH 5.34 275 eP 47 18.00 0.9
 Z 12s 6.75um
 E 12s 4.68um
 SSE 7.11 337 P 47 40.50 -1.5
 Z 20s 1.80um
 N 10s 0.90um
 E 10s 2.20um
 CVP 7.26 200 ePd 47 43.00 -1.1
 eS 48 14.50
 KAGJ 8.71 39 eP 48 05.60 1.3
 BAG 8.89 205 eP 48 06.40 -0.6
 NJ2 8.93 328 Pc 48 09.00 1.7
 N 11s 3.19um
 HKC 9.70 259 iP 48 23.50 5.5X
 KUMJ 9.71 34 P 48 16.70 -1.5
 GZH 10.27 264 P 48 31.40 5.5X
 E 11s 2.71um
 WHN 10.75 306 eP 48 34.00 1.6
 Z 14s 3.53um
 N 12s 1.81um
 E 12s 2.52um
 SHNJ 11.15 30 eP 48 40.80 3.0X
 CGP 16.03 179 eP 49 45.00 2.6
 GYA 16.16 280 iPc 49 48.80 4.6X
 1.2s 32.00nm 4.3mb
 Z 12s 4.11um 4.3msz
 N 11s 1.68um
 E 11s 2.59um
 XAN 16.49 308 P 49 49.50 1.3
 Z 12s 3.07um
 N 11s 1.12um
 E 13s 2.24um
 MTMJ 16.58 41 eP 49 52.00 2.6
 TIY 16.63 325 Pd 49 53.00 3.0
 Z 15s 1.66um
 N 14s 1.94um
 MAT 16.79 42 eP 49 54.00 2.0
 0.9s 14.29nm 4.1mb
 Z 20s 0.71um 5.4msz
 (S) 53 10.00
 BJI 16.92 338 eP 49 56.50 3.0
 Z 12s 1.51um
 N 11s 1.39um
 CHJJ 16.96 44 P 49 56.20 2.0
 SNY 17.22 358 eP 49 58.40 1.1
 Z 13s 2.68um 4.1mszX
 N 12s 1.74um
 S 53 12.00
 KAKJ 17.82 46 eP 50 02.50 -2.3
 YAMJ 18.96 41 eP 50 18.70 -0.2
 CN2 19.20 2 P 50 21.00 -0.6
 1.0s 49.00nm 4.7mb
 Z 12s 1.50um 4.1msz
 N 12s 0.37um
 E 12s 0.94um
 CD2 19.36 294 P 50 27.00 23km
 0.8s 64.00nm 4.9mb
 Z 14s 2.78um 5.5msz
 E 12s 1.80um
 HHC 19.48 330 Pc 50 28.50 3.4X
 1.2s 83.00nm 4.9mb

Z 14s 2.48um 5.4msz
 N 11s 1.86um
 E 11s 0.43um
 KMI 19.71 276 Pc 50 28.50 0.7
 2.0s 70.00nm 4.6mb
 Z 11s 2.30um 5.2msz
 N 11s 0.50um
 E 11s 2.50um
 BTO 20.03 326 eP 50 37.00 33km
 N 13s 1.59um 50 31.00 0.0
 E 13s 1.22um
 epP 50 36.00 19km
 eS 54 18.00
 OFUJ 20.52 41 eP 50 31.80 -4.2X
 LZH 21.12 308 eP 50 42.00 -0.3
 2.0s 54.00nm 4.6mb
 Z 15s 1.99um 4.6mszX
 N 11s 0.93um
 E 13s 1.05um
 LOE 22.36 256 eP 50 49.00 26km
 CHG 24.36 261 ePd 50 54.00
 1.2s 48.44nm 51 04.00
 NST 24.45 253 eP 50 57.00 2.3
 BDT 24.84 258 iPc 51 15.00 0.8
 1.0s 20.70nm 4.9mb
 GTA 25.49 311 P 51 17.00 1.9
 1.2s 26.00nm 51 19.50 0.7
 Z 16s 1.60um 4.7mb
 E 10s 1.03um 4.6mszX
 NNT 26.23 247 eP 51 23.80 -1.2
 YSS 26.73 28 eP 51 39.00
 LSA 30.00 287 P 51 33.70 1.8
 IPM 30.04 232 ePc 51 24.00 -12.1X
 0.6s 42.70nm 52 06.00 -0.5
 ZAK 30.54 333 eP 52 06.50 0.1
 1.3s 8.00nm 5.5mb
 N 14s 1.85um 52 08.50 -1.9
 E 13s 1.24um 4.4mb
 0.86um 4.9mszX
 MOY 32.48 333 eP 52 25.60 -1.8
 GUN 34.66 284 P 52 47.40 0.4
 PKI 35.10 283 P 52 50.50 -0.3
 KKN 35.20 284 P 52 51.12 -0.4
 DMN 35.36 284 P 52 52.78 -0.2
 GKN 35.75 284 P 52 55.74 -0.4
 MTN 37.76 169 eP 53 11.50 -1.3
 PRZ 41.78 307 eP 53 46.00 -0.1
 1.6s 50.00nm 5.0mb
 KSH 43.19 302 eP 53 58.80 1.1
 WB2 45.29 167 iPc 54 14.70 0.2
 0.8s 49.80nm 5.5mb
 GBA 45.55 265 P 54 17.70 0.9
 MBL 45.68 186 eP 54 16.50 -1.1
 QIS 47.22 160 iPc 54 29.90 0.1
 0.5s 7.00nm 4.9mb
 ASPA 48.82 168 iPd 54 42.80 0.5
 0.5s 19.40nm 5.4mb
 NRI 49.74 344 iP 54 44.70 -4.1X
 1.7s 19.00nm 4.8mb
 Z 14s 1.00um 5.0mszX
 E 14s 0.70um
 e 56 08.00 415kmX
 WARB 50.50 177 eP 54 55.70 0.6
 0.5s 14.00nm 5.2mb
 SVE 55.50 323 iPc 55 30.00 -2.0
 1.6s 60.00nm 5.4mb
 Z 14s 0.70um 4.9mszX
 N 14s 0.50um
 E 14s 0.60um
 MAIO 56.28 298 eP 55 38.00 0.0
 0.8s 8.78nm 4.8mb
 ARU 56.57 323 ePc 55 38.00 -1.7
 1.2s 60.00nm 5.5mb
 e 55 53.00 56kmX
 ASH 56.98 300 eP 55 41.70 -1.2
 STK 58.48 163 iPc 55 53.30 0.0
 1.4s 5.40nm 4.4mb
 IMA 64.53 27 eP 56 35.29 1.4
 1.1s 5.84nm 4.6mb
 CPKM 65.59 32 eP 56 42.81 1.9
 PMR 67.02 31 (P) 56 49.18 -0.5
 0.8s 8.32nm 4.9mb

FBA 67.09 28 eP 56 51.67 1.5
 1.1s 7.56nm 4.7mb
 ERE 67.20 305 eP 56 49.00 -2.3
 MOS 68.31 323 eP 56 56.00 -1.9
 OBN 69.02 322 eP 57 00.00 -2.3
 1.5s 49.00nm 5.4mb
 Z 18s 0.50um 4.8msz
 MBC 72.22 13 eP 57 19.50 -1.8
 0.5s 2.00nm 4.4mb
 KAF 72.28 331 eP 57 20.50 -1.4
 NUR 73.58 329 eP 57 30.60 1.2
 HRI 75.94 300 eP 57 43.90 0.1
 DSI 76.81 299 eP 57 48.90 0.3
 VRI 77.86 315 ePc 57 54.00 0.0
 MBH 77.86 297 eP 57 54.60 0.1
 HFS 78.66 331 eP 57 57.50 -0.6
 0.5s 1.80nm 4.4mb
 Z 16s 0.38um 4.8mszX
 LR 33 50.00
 NB2 79.25 333 P 57 59.00 -2.4
 1.1s 5.60nm 4.5mb
 OJC 80.27 321 eP 58 06.90 -0.1
 e 58 08.30 4kmX
 YKA 81.44 24 eP 58 12.10 -0.8
 0.9s 6.20nm 4.6mb
 VAY 82.48 312 iP 58 18.60 -0.2
 SKO 82.95 313 iPc 58 21.20 0.0
 PRU 83.35 322 eP 58 24.20 1.1
 CLL 83.51 324 e(P) 58 23.00 -0.9
 KHC 84.33 322 eP 58 28.40 0.3
 1.0s 3.40nm 4.5mb
 e 59 27.00 243kmX
 GEC2 84.41 322 ePc 58 28.20 -0.4
 0.7s 3.89nm 4.7mb
 GRF 85.34 323 ePc 58 33.90 0.8
 2.7s 90.00nm 5.5mb
 Z 18s 0.10um 4.3msz
 CDF 88.20 324 eP 58 47.40 0.2
 0.8s 7.95nm 5.1mb
 BSF 88.81 323 eP 58 49.60 -0.6
 0.5s 2.25nm 4.8mb
 NEW 88.97 36 eP 58 52.00 1.1
 0.9s 9.65nm 5.1mb
 PCP 89.73 320 P 58 53.32 -1.2
 LSD 90.00 321 P 58 56.09 0.0
 FIN 90.12 320 P 58 55.06 -1.3
 RSP 90.13 321 P 58 55.58 -0.9
 LPG 90.21 321 eP 58 57.40 0.3
 0.7s 14.20nm 5.3mb
 LPL 90.21 322 eP 58 57.30 0.3
 0.7s 12.25nm 5.3mb
 ROB 90.27 320 P 58 55.47 -1.6
 IMI 90.48 320 P 58 57.22 -0.8
 RRL 90.53 321 P 58 57.63 -0.9
 SBF 90.78 320 eP 58 59.10 -0.3
 0.8s 15.30nm 5.4mb
 FRF 91.42 320 eP 59 02.20 -0.1
 0.8s 10.35nm 5.3mb
 LMR 91.63 320 eP 59 03.40 0.2
 0.9s 8.70nm 5.1mb
 LRG 91.65 320 eP 59 03.60 0.3
 0.8s 15.70nm 5.5mb
 Z 20s 0.10um 4.3msz
 CAF 93.17 323 eP 59 11.30 0.9
 RJF 93.23 324 eP 59 11.70 1.1
 Z 21s 0.13um 4.3msz
 KIC 121.76 295 PKP 04 50.20 -0.9
 TIC 121.83 295 PKP 04 51.00 -0.3
 S.D. = 1.3 on 97 of 105 obs.

* SEP 12, 1992 13h 23m 20.73±1.24s
 11.939 S ±17.3km 163.104 E ±18.9km
 DEPTH = 33.0km (normal)
 4.3mb (2 obs.)

SOLOMON ISLANDS (193)
 HNR 3.98 308 eP 24 20.00 -1.0
 eS 25 02.00
 SVO 4.26 310 eP 24 26.00 1.1
 eS 25 15.00
 BKM 7.56 140 iP 25 11.20 -0.2
 DZM 10.57 163 iPc 25 53.50 0.4
 iS 27 49.50
 WB2 28.73 250 iPd 29 17.60 0.1
 0.5s 3.80nm 4.3mb
 i 32 27.70
 ASPA 30.08 243 eP 29 29.30 -0.3

12d 13h

0.8s 3.60nm 4.2mb
S.D. = 0.9 on 6 of 6 obs.

? SEP 12, 1992 13h 33m 53.28±1.56s
11.206 N ±20.8km 86.934 W ±27.5km
DEPTH = 33.0km (normal)
4.4mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

PRM	23.15	10	eP	38	58.58	0.8
JSC	23.54	12	eP	39	02.87	1.3
PWLA	23.69	358	eP	39	03.21	0.3
UYO	23.87	344	iPc	39	05.90	1.2
GBTN	24.48	5	eP	39	11.41	0.8
OLY	24.54	351	eP	39	10.07	-1.1
VVO	25.32	343	e(P)	39	20.30	1.7
			e	39	37.10	
TUL	25.87	343	e(P)	39	23.10	-0.7
	0.5s	8.20nm			4.6mb	
			e	39	33.50	
			LR	48	43.00	
ELC	26.05	356	(P)	39	24.36	-1.0
ALO	29.56	326	ePd	40	01.90	4.3X
	1.0s	8.25nm			4.4mb	
JFWS	31.72	355	eP	40	14.72	-1.5
	0.8s	15.17nm			4.9mb	
PV10	33.50	328	eP	40	33.20	1.0
SRU	34.83	327	eP	40	43.98	0.5
EEO	35.94	9	eP	40	54.50	1.9
BW06	37.11	332	eP	41	02.50	-0.3
	1.3s	4.10nm			4.1mb	
ULM	39.62	351	eP	41	24.00	0.6
JAQ	43.42	10	eP	41	52.00	-2.5
YKA	54.94	345	eP	43	20.60	-2.5
	0.9s	1.70nm			4.1mb	
MBC	67.31	352	eP	44	45.00	-1.6
WB2	139.38	252	ePKP	53	20.60	0.7
	1.4s	2.10nm				
GBA	150.88	33	PKP	53	39.50	0.4
	S.D. = 1.4	on 20 of 21 obs.				

SEP 12, 1992 13h 36m 36.66±0.26s
38.756 S ±7.4km 46.383 E ±5.7km
DEPTH = 10.0km (geophysicist)
5.2mb (24 obs.)

SOUTHWEST INDIAN RIDGE (428)

CRZF	8.67	154	eP	38	50.00	5.1X
HVD	18.98	289	e(P)	41	00.70	0.0
BLF	19.29	294	eP	41	03.50	-1.0
			e	44	31.20	
SLR	20.03	305	eP	41	10.00	-2.6
	1.1s	31.65nm			4.6mb	
			e	41	45.00	
KIM	20.50	293	eP	41	18.80	1.2
CER	22.51	275	iPd	41	39.00	1.2
BUL	24.08	315	iPd	41	53.10	-0.1
	0.6s	3.67nm			4.2mb X	
MAW	30.33	168	iPc	42	50.20	0.1
	0.9s	13.00nm			4.8mb	
NVL	36.72	198	eP	43	46.00	0.8
	1.4s	21.00nm			4.7mb	
			e	45	02.00	
BCAO	50.10	323	iPd	45	34.00	0.0
	0.3s	18.00nm			5.5mb	
			id	45	44.30	
SPA	51.43	180	ePc	45	42.40	-1.4
	1.2s	19.01nm			4.9mb	
GBA	59.63	36	P	46	42.50	-0.7
KIC	65.22	302	P	47	21.00	0.4
	1.1s	44.50nm			5.6mb	
LIC	65.31	301	P	47	21.54	0.3
	1.0s	27.00nm			5.4mb	
TIC	65.61	302	P	47	23.64	0.5
	0.9s	35.50nm			5.6mb	
ASPA	73.75	107	iPc	48	12.70	-0.3
	0.9s	13.40nm			5.0mb	
STK	74.50	118	iPd	48	17.00	-0.2
	0.6s	7.60nm			4.9mb	
KDS	74.75	300	iP	48	20.00	1.2
DMN	75.29	35	P	48	21.32	-0.6
	0.8s	73.00nm			5.8mb	
PKI	75.39	35	P	48	21.62	-1.0
GKN	75.42	34	P	48	21.76	-0.8
	1.0s	88.00nm			5.8mb	
CHG	75.50	51	ePd	48	22.80	-0.2
	1.2s	23.44nm			5.1mb	

KKN	75.52	35	P	48	22.44	-0.8
	0.9s	73.00nm			5.8mb	
GUN	75.90	35	P	48	25.46	0.0
	1.0s	173.00nm			6.1mb	
WRA	76.26	105	P	48	28.00	0.6
	0.8s	6.20nm			4.7mb	
WB2	76.26	105	iPc	48	27.50	0.1
	0.9s	12.20nm			5.0mb	
QIS	79.84	108	iPd	48	47.00	-0.1
	0.8s	8.00nm			4.7mb	
LSA	79.88	38	iPd	48	48.60	1.0
KSH	82.43	23	P	49	03.30	3.0X
	1.0s	30.00nm			5.4mb	
KMI	82.56	50	eP	49	01.60	0.2
	1.4s	30.00nm			5.2mb	
OHR	82.85	341	eP	49	03.60	1.3
SKO	83.49	342	eP	49	06.20	0.6
CTA	85.02	112	P	49	15.19	1.4
MLR	85.86	346	eP	49	18.00	0.5
GYA	85.92	51	P	49	19.00	0.8
	1.0s	19.00nm			5.2mb	
VR1	86.07	346	ePc	49	18.50	0.1
CD2	87.50	46	P	49	26.50	0.8
	1.0s	42.00nm			5.7mb	
SRO	89.74	342	eP	49	35.30	-0.6
ZST	90.40	341	eP	49	39.40	0.4
SPC	90.57	343	eP	49	41.30	1.3
LZH	91.43	43	eP	49	44.70	0.5
	1.5s	22.00nm			5.3mb	
GTA	91.91	39	P	49	47.00	0.7
	2.0s	29.00nm			5.3mb	
		pP	49	54.50	23kmX	
ELC	145.25	282	ePKP	56	14.54	-1.4
FVM	146.36	283	ePKPc	56	17.99	0.2
OLY	146.45	278	ePKP	56	17.99	-0.1
CCM	147.00	282	ePKP	56	18.72	-0.1
JFWS	147.20	291	ePKP	56	19.20	0.2
UYO	148.34	274	iPKPc	56	24.90	3.8X
VVO	149.72	275	ePKP	56	27.40	4.2X
		e	56	31.40		
TUL	149.93	277	ePKP	56	28.50	5.0X
	1.2s	33.90nm				
		e	56	31.90		
SIO	150.28	276	e(PKP)	56	29.30	5.3X
IMA	150.32	16	ePKP	56	22.87	-0.5
		ePKPbc	56	29.19		
ULM	151.04	306	ePKP	56	33.00	8.3X
FBA	152.53	13	ePKP	56	23.49	-2.9
		iPKPbc	56	32.54		
YKA	153.56	340	ePKP	56	28.30	0.4
	1.1s	5.50nm				
TUC	160.36	258	ePKP	56	37.50	0.1
		ePKPob	57	20.04		
SRU	162.03	278	ePKP	56	38.50	-0.5
MSU	163.24	276	ePKP	56	41.16	0.9
BONR	167.95	271	(PKP)	56	42.32	-2.0
	S.D. = 1.0	on 52 of 59 obs.				

? SEP 12, 1992 14h 42m 31.61±5.04s
30.807 S ±53.8km 69.306 W ±21.7km
DEPTH = 120.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 4.0 (SAN).

ZON	0.91	144	iPd	42	53.00	-0.1
		eS	43	04.00		
JACH	2.17	210	iP	43	08.90	1.1
		iS	43	35.94		
ROCH	2.60	213	iPd	43	13.88	0.4
		iS	43	43.59		
PEL	2.61	206	iP+	43	13.78	0.3
		iS	43	42.86		
FCH	2.65	198	iP	43	15.32	1.1
		iS	43	46.07		
PCH	2.99	200	iP+	43	18.89	0.4
		iS	43	53.80		
TACH	3.16	206	iPd	43	20.02	-0.7
		iS	43	55.96		
LCCH	3.28	215	iPd	43	22.13	-0.2
CHCH	3.32	200	iPd	43	22.34	-0.6
		iS	43	59.72		
CACH	3.48	198	iP	43	25.02	-0.1
LNV	3.61	209	iPd	43	25.15	-1.6
		iS	44	04.81		

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

SEP 12, 1992 14h 59m 36.18±0.11s

.57.269 N ±1.9km 155.230 W ±1.8km
DEPTH = 55.1km (51 depth phases)
5.5mb (118 obs.)

ALASKA PENINSULA (12)

ML 5.2 (PMR). Felt (V) at Kodiak
and (IV) at Akhiok, Egegik and
Port Lions.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 25S, 43C

Centroid Location:

Origin Time 14:59:37.5 0.3

Lat 57.24N 0.07 Lon 154.87W 0.06

Dep 67.2 3.7 Half-duration 1.2

Moment Tensor: Scale 10¹⁶ Nm

Mrr=-4.80 0.49 Mtt=-0.36 0.85

Mff= 5.16 0.55 Mrt= 8.02 0.49

Mrf= 4.24 0.57 Mtf= 5.25 0.60

Principal Axes:

T Val= 12.21 Plg=26 Azm=310

N -1.29 24 52

P -10.91 53 179

Best Double Couple: Ma=1.2*10¹⁷

NP1: Strike=358 Dip=29 Slip=-148

NP2: 239 75 -65

KDC	1.55	71	ePd	00	00.26	-1.6
CDD	1.87	26	eP	00	07.29	1.0
MCNL	1.98	13	iPc	00	08.87	1.0
SYI	2.03	47	iPd	00	08.54	0.1
BGM	2.13	0	iPc	00	11.09	1.1
AUI	2.28	24	iPd	00	13.39	1.3
AUW	2.30	23	iPd	00	13.95	1.6
AUH	2.30	23	iPd	00	14.01	1.6
AUE	2.31	24	iPd	00	14.17	1.6
AUL	2.32	23	iPd	00	14.13	1.5
POB	2.58	12	iPc	00	17.30	1.0
OPT	2.61	23	iPc	00	17.85	1.1
XLV	2.87	39	ePd	00	21.11	0.7
HOM	3.05	37	ePc	00	23.66	0.7
CNPM	3.09	41	ePd	00	23.22	-0.4
BRLK	3.38	41	eP	00	27.43	-0.3
RS1	3.45	21	ePc	00	29.67	0.8
RS2	3.45	21	iPc	00	29.66	0.8
RSO	3.45	21	iPc	00	29.69	0.8
RDW	3.46	20	iPc	00	29.80	0.8
REF	3.49	21	eP	00	29.24	-0.1
RDN	3.50	20	eP	00	30.86	1.4
NCT	3.51	19	ePc	00	30.45	0.8
SDN	3.51	239	iPd	00	30.40	0.9
DFR	3.58	21	ePc	00	31.27	0.6
RDT	3.62	23	ePc	00	31.15	0.0
SVW	3.86	357	ePc	00	34.78	0.4
NKA	4.05	29	iPc	00	38.48	1.4
BKG	4.11	21	ePc	00	38.10	0.1
SEW	4.14	44	iPc	00	36.12	-2.3X
SLKM	4.16	37	ePd	00	37.22	-1.4
CKL	4.21	19	iPc	00	39.80	0.4
SPU	4.25	21	ePc	00	39.96	0.0
BGL	4.26	19	ePc	00	40.71	0.5
CKN	4.26	20	iPd	00	40.80	0.7

SCM	6.09	38	iPd	01	03.54	-2.2X	ORV	28.14	114	ePd	05	24.72	0.0	JAO	42.73	59	iPd	07	28.40	-0.6
SGAM	6.12	54	iPd	01	02.87	-3.3X	LRM	28.48	95	eP	05	27.70	-0.4	RRO	43.35	95	iPc	07	34.00	-0.2
KAIM	6.25	60	ePc	01	04.37	-3.6X				e	05	42.50	61km	FNO	44.01	94	iPc	07	38.90	-0.7
RAGM	6.31	56	eP	01	04.79	-4.0X	ARN	29.85	117	eP	05	40.20	0.1	OFUJ	44.08	274	P	07	40.50	0.4
KLU	6.37	44	iPd	01	07.00	-2.7X				eP	05	54.67	58km	SIO	44.24	93	iP	07	40.50	-1.0
HUR	6.37	24	ePc	01	09.07	-0.6				ePcP	08	42.42		TUL	44.40	92	iPd	07	41.90	-0.8
HMT	6.48	57	ePc	01	07.73	-3.4X				pPcP	08	56.93			1.2s	144.70nm			5.6mb	
KTH	6.65	17	eP	01	13.93	0.2	CMB	29.87	115	eP	05	40.10	-0.2	Z	20s	1.02um			4.7msz	
TRF	6.67	19	eP	01	12.60	-1.4				eP	05	52.96	50km				e	09	57.00	
TOA	6.67	40	eP	01	11.88	-2.0X	GCC	29.88	118	ePd	05	40.21	-0.1				LR	21	31.00	
TZL	6.90	42	eP	01	15.45	-1.5	HHA I	30.18	99	iPc	05	43.74	0.6	VVO	44.86	93	iP	07	45.70	-0.7
RND	6.92	25	eP	01	15.48	-1.9X	KVN	30.23	111	eP	05	44.20	0.5				e	07	53.00	24kmX
SNH	7.08	60	eP	01	16.45	-3.1X				eP	05	58.63	58km	BOD	45.05	311	iPc	07	46.90	-0.8
CROM	7.15	56	eP	01	17.51	-3.2X	PTI	30.47	100	eP	05	46.36	0.6		1.0s	63.00nm			5.4mb	
WAX	7.17	58	ePd	01	16.87	-4.0X				eP	06	00.52	57km	CCM	45.29	87	ePd	07	48.38	-1.5
SDG	7.17	39	eP	01	19.10	-1.8	PRS	30.74	118	ePd	05	48.44	0.5		0.9s	78.53nm			5.6mb	
GLB	7.18	50	iPd	01	17.59	-3.4X	BONR	30.96	113	iPd	05	50.95	0.7				eP	08	03.26	57km
MCK	7.19	23	eP	01	20.05	-1.0				iP	06	05.51	59km	YAMJ	45.61	274	P	07	52.10	-0.3
CYK	7.22	62	eP	01	18.60	-2.8X	HVU	31.01	101	ePd	05	50.87	0.4	NRI	45.66	334	iPc	07	51.00	-1.3
TGL	7.29	56	ePd	01	19.12	-3.5X	FRI	31.02	115	ePd	05	50.92	0.6		1.8s	65.00nm			5.2mb	
WRG	7.42	63	eP	01	21.02	-3.3X				eP	06	05.44	59km	Z	20s	1.50um			4.9msz	
PAX	7.51	36	eP	01	22.99	-2.6X	PR I	31.23	118	ePd	05	53.71	1.3	N	20s	0.60um				
BALM	7.62	55	iPd	01	23.57	-3.6X	TNP	31.41	111	iPd	05	54.43	0.3				e	08	02.00	38kmX
YAH	7.65	60	iPd	01	24.17	-3.6X				1.2s	100.76nm						e	09	40.00	
THY	7.75	33	eP	01	28.46	-0.4				eP	06	08.59	57km				eS	14	24.00	
NEA	7.92	20	eP	01	29.57	-1.6	FCC	31.44	61	ePd	05	56.50	2.6				(SS)	17	45.00	
DDM	8.00	31	eP	01	32.87	0.6	PKEM	31.56	117	eP	05	56.85	1.7	EEO	45.73	69	ePd	07	54.70	1.5
WRH	8.02	23	eP	01	29.33	-3.2X	PHAM	31.60	118	eP	05	56.48	0.9	FVM	45.79	86	iPd	07	52.33	-1.4
CTGM	8.05	57	ePd	01	29.64	-3.5X				(pP)	06	10.91	58km		1.0s	128.38nm			5.8mb	
MLY	8.08	14	eP	01	31.21	-2.3X	BW06	32.05	97	iPd	05	59.50	-0.2				eP	08	06.57	54km
HDA	8.21	26	eP	01	32.44	-2.8X				0.8s	42.86nm			UYO	46.43	93	iPd	07	57.50	-1.3
CCB	8.23	23	eP	01	32.03	-3.4X	DUG	32.12	104	iPd	06	00.32	0.1	MDJ	46.61	288	eP	07	58.40	-1.8
DJE	8.24	31	eP	01	34.29	-1.2				1.2s	70.19nm				1.2s	26.00nm			5.0mb	
DOT	8.44	36	eP	01	36.59	-1.8X				ePcP	08	47.99		NIJ	46.86	274	P	08	02.20	0.0
FBA	8.45	22	eP	01	35.03	-3.5X				pPcP	09	02.60		ELF	46.95	74	P	08	02.40	-0.5
GLM	8.62	23	eP	01	38.06	-2.8X	DAU	32.79	102	eP	06	06.26	0.0	ELC	46.95	86	iPd	08	01.24	-1.7
ANM	8.82	330	ePd	01	43.68	0.1	ABL	32.96	117	eP	06	07.87	0.2	KAKJ	46.98	272	eP	08	03.00	-0.2
IMA	8.86	4	eP	01	42.88	-1.4				eP	06	22.34	58km	DLA	47.05	75	P	08	03.70	0.1
PRP	9.48	25	eP	01	50.37	-2.4X	TIK	33.05	326	eP	06	07.00	-0.7	OLY	47.05	89	eP	08	01.15	-2.6
SIT	10.81	83	eP	02	04.62	-6.1X				1.3s	56.00nm			LDN	47.12	74	P	08	03.60	-0.6
			S	03	57.09					e	07	38.00	526kmX	LST	47.24	87	eP	08	03.84	-1.3
ADK	13.53	256	eP	02	46.70	-0.2	EMUT	33.45	102	ePd	06	11.94	0.0	ACTO	47.31	73	P	08	05.41	-0.3
BRW	14.11	358	(P)	02	51.59	-2.7X	ARUT	33.57	107	ePd	06	12.92	0.0	CHJJ	47.74	273	P	08	09.20	0.0
ILT	15.05	325	iPc	03	07.60	1.0	MSU	33.69	105	ePd	06	14.54	0.6	TYNO	47.77	73	P	08	08.72	-0.6
	1.6s	532.00nm				5.5mb	SRU	34.12	103	iPd	06	17.92	0.3	MAT	47.80	274	iPc	08	09.20	-0.5
Z	14s	8.80um				6.9msz	RSSD	34.14	90	ePc	06	17.67	-0.2		1.1s	65.82nm			5.5mb	
N	16s	2.90um								0.7s	75.68nm			Z	20s	0.71um			4.6msz	
E	18s	4.70um								Z	21s	1.94um				eS	15	00.00		
SMY	18.08	269	eP	03	44.61	0.0				eP	06	32.69	60km	WLVO	47.95	71	P	08	10.25	-0.4
	0.8s	191.08nm				5.3mb	SSK	34.22	116	ePd	06	18.92	0.4	MTMJ	47.99	274	P	08	11.30	0.1
YKA	20.77	58	eP	04	12.30	-2.0				eP	06	33.57	58km	STCO	48.05	73	P	08	11.03	-0.5
	0.8s	75.20nm				5.1mb	PEC	34.74	116	ePd	06	22.52	-0.3	IIDJ	48.75	273	eP	08	17.90	0.9
PGC	20.83	101	ePd	04	15.30	0.3				1.2s	45.70nm			MZX	48.85	113	(P)	08	18.50	0.7
MCW	21.14	100	iPd	04	18.90	0.6				eP	06	36.84	57km	CIT	49.23	305	eP	08	25.00	4.5X
GMW	21.85	102	iPd	04	26.39	1.0	ULM	34.77	76	ePd	06	24.80	2.0	PWLA	49.29	87	iPd	08	19.97	-1.1
		e				52km				pP	06	39.00	56km				eP	08	34.58	55km
BMW	22.30	105	iPd	04	30.81	0.9	PLM	35.32	116	ePd	06	28.27	0.3	CN2	49.31	290	Pc	08	20.00	-1.2
		eP				49km				eP	06	42.88	57km		1.0s	43.00nm			5.4mb	
RMW	22.43	102	eP	04	32.12	1.0	HON	35.96	184	P	06	40.00	6.9X	Z	20s	0.89um			4.8msz	
LON	22.87	103	ePd	04	36.71	1.2				Z	21s	0.72um				eP	08	32.00	43kmX	
		eP				55km	YAK	36.26	310	iPc	06	32.00	-3.2X			ePcP	09	40.00		
MBC	23.00	21	eP	04	37.00	0.7				1.1s	175.00nm					eS	15	20.00		
	1.0s	159.00nm				5.4mb				Z	17s	2.30um		RSNY	49.48	68	eP	08	20.72	-1.8
		pP				109kmX				E	14s	1.40um			0.8s	40.21nm			5.5mb	
SHW	23.01	105	eP	04	38.55	1.7				e	12	07.00			Z	20s	0.80um			4.7msz
		eP				63km	GOL	36.45	97	ePc	06	38.12	0.6	TSRJ	49.75	275	P	08	24.50	-0.1
DPW	24.11	97	ePd	04	48.06	0.6				1.0s	50.26nm			MCWV	50.25	76	eP	08	27.47	-0.9
		iP				58km				Z	21s	0.85um			0.7s	104.64nm			6.0mb	
VGB	24.22	104	iPd	04	50.08	1.5				eP	06	52.71	56km		Z	20s	1.27um			4.9msz
		iP				55km	GLA	36.57	114	ePc	06	38.82	0.6	GBTN	50.86	83	iPd	08	31.41	-1.7
NEW	24.46	95	iPc	04	51.50	0.7				eP	06	53.29	56km				iP	08	45.88	54km
	1.0s	205.00nm				5.6mb	YSS	38.14	282	eP	06	51.30	0.0	CBM	50.94	62	eP	08	31.57	-2.0
FHC	25.96	116	ePd	05	06.42	1.4	TUC	39.19	110	ePd	07	01.00	0.7	BNH	51.09	66	eP	08	32.55	-2.2
FOX	26.17	116	ePd	05	08.68	1.8				1.3s	93.98nm					eP	08	46.57	52km	
SES	26.57	86	ePd	05	09.80	-0.7				Z	22s	1.39um		NAV	51.47	79	iPd	08	36.14	-1.6
	1.2s	295.00nm				5.7mb										eP	08	50.29	53km	
		pP				25kmX	ALO	39.39	103	iPd	07	02.86	0.8	SNY	51.69	290	Pc	08	38.20	-1.1
LBFM	26.59	112	iPd	05	12.05	1.1				Z	22s	0.75um			1.2s	100.00nm			5.7mb	
		eP				60km								Z	20s	1.22um			4.9msz	
		iPcP								eP	07	16.61	53km	BLA	51.74	79	iPd	08	38.22	-1.6
LTCM	27.33	114	eP	05	18.17	0.7														

12d 15h

GMTN	52.30	71	iP	08 42.30	-1.6
EMM	52.83	63	eP	08 45.96	-1.8
PRM	53.05	83	ePd	08 47.31	-2.2
			epP	09 01.96	55km
KEV	53.27	359	eP	08 48.00	-2.6
LMN	53.30	61	ePd	08 52.70	1.4
CEH	53.44	79	ePd	08 50.82	-1.5
	0.9s	80.92nm		5.8mb	
	Z 20s	0.60um		4.6Msz	
SHNJ	53.44	278	P	08 52.30	-0.1
JSC	53.50	82	eP	08 50.73	-2.1
			epP	09 05.20	54km
LHS	53.59	81	ePd	08 51.54	-1.9
MRX	54.41	110	(P)	09 01.00	1.4
SGS	54.72	82	eP	09 00.11	-1.7
MOY	54.80	312	eP	09 02.00	-0.2
KUMJ	54.81	277	P	09 01.90	-0.6
ZAK	54.85	310	iPc	09 02.00	-0.6
	2.0s	56.00nm		5.2mb	
	Z 14s	1.07um		5.1MszX	
	N 14s	0.86um			
		e	11 13.00	751kmX	
		eS	16 52.00		
HBF	55.00	82	eP	09 02.13	-1.7
APA	55.33	356	iPc	09 04.30	-1.5
KAGJ	55.82	276	P	09 10.00	0.2
III	56.40	110	(P)	09 12.00	-2.4
BJI	56.76	293	eP	09 15.50	-0.9
	Z 20s	0.60um		4.7Msz	
		eS	17 00.00		
IISM	56.97	107	(P)	09 17.50	-0.6
ACX	57.47	111	(P)	09 20.50	-1.2
HHC	58.40	297	P	09 27.10	-1.0
	1.3s	70.00nm		5.6mb	
	Z 18s	1.33um		5.1Msz	
		eS	17 30.00		
OXX	58.90	108	(P)	09 32.00	0.1
TIA	59.21	290	eP	09 33.00	-0.7
	Z 19s	0.82um		4.9Msz	
		eS	17 35.00		
BTO	59.34	298	eP	09 33.00	-1.6
	N 14s	0.93um			
	E 14s	0.83um			
		eS	17 35.50		
PBJ	60.12	107	(P)	09 37.50	-2.5
TIY	60.41	294	eP	09 41.00	-0.9
	Z 20s	1.00um		5.0Msz	
	E 17s	0.62um			
KAF	60.95	359	iP	09 43.20	-1.9
	0.6s	25.30nm		5.5mb	
SSE	61.08	283	P	09 42.00	-4.4X
	1.0s	27.00nm		5.3mb	
	Z 20s	0.50um		4.7Msz	
		S	18 00.00		
		sS	18 16.00		
		ScS	19 26.00		
NB2	61.55	7	P	09 47.90	-1.4
	0.6s	34.30nm		5.7mb	
NJ2	61.56	286	Pd	09 49.00	-0.7
	1.1s	57.00nm		5.6mb	
		sP	10 03.50		
NUR	62.56	0	iP	09 54.40	-1.5
	0.6s	56.30nm		5.9mb	
HFS	62.61	6	eP	09 54.50	-1.8
	0.6s	92.40nm		6.1mb	
	Z 17s	0.22um		4.4MszX	
		LR	30 07.00		
SVE	62.68	339	iPc	09 55.00	-1.8
	1.9s	160.00nm		5.8mb	
	Z 19s	0.70um		4.8Msz	
	N 18s	0.50um			
	E 18s	0.50um			
		e	10 06.00	37kmX	
		e	10 31.00		
		e	12 11.80		
		e	18 20.00		
		e	22 22.00		
KONO	62.81	9	iPc	09 57.50	-0.1
UPP	63.08	4	iP	09 57.60	-1.7
PUL	63.23	357	ePc	09 59.50	-0.8
	1.0s	100.00nm		5.9mb	
	Z 21s	0.60um		4.7Msz	
	N 21s	0.40um			
		e	10 10.00	34kmX	
		e	10 22.00		
		e	10 32.00		
		eS	18 26.50		

ARU	63.45	340	iPc	09 59.50	-2.4
	1.6s	160.00nm		5.8mb	
	Z 20s	1.00um		5.0Msz	
	N 20s	0.50um			
	E 20s	0.50um			
		e	10 22.00	88kmX	
		eS	18 27.50		
		ePS	18 49.00		
ELO	64.32	17	eP	10 06.30	-1.3
EAB	64.49	18	eP	10 07.90	-0.7
	0.9s	57.00nm		5.6mb	
EBH	64.56	17	eP	10 08.20	-1.0
EAU	64.96	17	eP	10 11.70	0.0
ESY	65.02	17	eP	10 12.30	0.2
GTA	65.02	304	iPd	10 11.00	-1.5
	1.5s	72.00nm		5.5mb	
	Z 26s	2.99um		5.4MszX	
	N 12s	0.55um			
		pP	10 25.00	50km	
		sP	10 32.00		
		S	18 50.00		
		ScS	20 02.00		
XAN	65.05	294	Pc	10 11.50	-1.2
	0.6s	18.00nm		5.3mb	
		sP	10 26.30		
EBL	65.09	17	eP	10 12.90	0.3
	1.1s	46.00nm		5.4mb	
WHN	65.10	288	eP	10 12.00	-0.9
	Z 28s	0.75um		4.7MszX	
		pP	10 28.50	61km	
		S	18 53.00		
EKA	65.50	17	Pd	10 15.50	-0.4
	0.7s	21.50nm		5.3mb	
LZH	65.86	299	Pc	10 16.80	-1.2
	1.5s	94.00nm		5.6mb	
	Z 23s	1.04um		5.0MszX	
	E 13s	0.55um			
		pP	10 34.00	64km	
		ePP	12 46.00		
		eS	18 59.00		
		ScS	20 08.00		
DMU	66.23	20	P	10 19.00	-0.8
WMQ	66.40	315	iPc	10 20.50	-0.7
	1.5s	27.00nm		5.0mb	
	Z 15s	1.24um		5.2MszX	
		pP	10 33.00	43kmX	
		sP	10 40.00		
		S	19 08.00		
MOS	66.87	352	iP	10 22.00	-1.9
	1.7s	120.00nm		5.6mb	
	Z 22s	0.70um		4.8Msz	
		e	10 34.00	41kmX	
		e	10 54.00		
DLF	66.87	20	eP	10 20.00	-3.9X
OBN	67.58	353	iPc+	10 26.80	-1.5
	1.5s	175.00nm		5.8mb	
	Z 20s	0.60um		4.8Msz	
	N 20s	0.60um			
	E 20s	0.60um			
		iP	10 43.00	59km	
		i	10 57.00		
		e	13 02.00		
		iS	19 20.00		
		i	20 20.00		
HGH	69.12	18	eP	10 37.50	-0.4
	1.1s	27.00nm		5.1mb	
MNK	69.17	358	eP	10 34.00	-4.1X
WIT	69.28	12	eP	10 41.50	2.6
WTS	70.10	12	iP	10 45.00	1.1
	0.6s	38.00nm		5.5mb	
		e	10 49.00	13kmX	
CD2	70.13	296	iPc	10 44.00	-0.5
	1.0s	62.00nm		5.5mb	
		S	19 50.00		
AAA	70.73	322	iP+	10 48.50	0.6
	Z 16s	1.00um		5.2MszX	
PRZ	70.94	321	iPd	10 49.50	0.1
	1.0s	90.00nm		5.7mb	
BNS	71.16	12	iPc	10 51.20	0.9
ENN	71.21	13	eP	10 50.50	-0.1
	1.0s	46.00nm		5.4mb	
SNF	71.26	14	iPd	10 51.86	0.9
CLL	71.35	8	iPc	10 50.50	-1.0
	2.0s	80.00nm		5.3mb	
		i	11 04.90	51km	
		eS	20 06.00		

CVP	71.50	274	eP	10 53.00	0.2
GZH	71.65	284	P	10 53.60	0.0
DOU	71.71	14	Pc	10 54.10	0.5
		S	20 14.00		
HKC	71.85	283	P	10 55.30	0.5
BRG	71.85	7	iPc	10 54.20	-0.3
	1.5s	50.00nm		5.2mb	
		i	11 08.00	48km	
MOX	71.90	9	eP	10 54.70	-0.1
	1.5s	72.00nm		5.4mb	
		eS	20 11.00		
KSP	72.03	6	ePc	10 54.80	-0.7
		i	11 15.00	76kmX	
PMO	72.26	173	iP	10 57.70	0.5
	1.4s	125.00nm		5.7mb	
TPT	72.26	172	iP	10 57.40	0.2
	1.4s	145.00nm		5.7mb	
FLN	72.28	17	eP	10 56.50	-0.6
	1.0s	35.20nm		5.2mb	
	Z 23s	0.45um		4.7MszX	
WLF	72.33	13	iPc	10 57.59	0.3
GYA	72.34	291	iPc	10 57.60	-0.3
	1.0s	35.00nm		5.2mb	
	Z 30s	0.78um		4.8MszX	
		S	20 16.00		
RUV	72.48	172	iP	10 58.60	0.1
	1.4s	145.00nm		5.7mb	
LDF	72.50	17	eP	10 57.90	-0.5
	1.1s	35.90nm		5.2mb	
VAH	72.51	172	iP	10 58.80	0.1
	1.4s	145.00nm		5.7mb	
GRR	72.58	18	eP	10 58.50	-0.3
	1.1s	41.50nm		5.3mb	
PRU	72.77	7	P	11 00.00	0.1
		e	11 13.80	48km	
OJC	72.80	3	eP	11 00.30	0.2
GRF	72.82	9	ePc	11 00.30	0.1
	1.8s	130.00nm		5.6mb	
	Z 25s	0.40um		4.6MszX	
		e	11 14.70	51km	
		e	11 22.90		
LPF	72.90	18	eP	11 00.90	0.2
	1.1s	56.15nm		5.4mb	
LANF	73.19	12	P	11 02.93	0.5
WET	73.50	8	eP	11 05.00	0.8
KHC	73.56	8	Pc	11 04.80	0.2
	1.1s	19.30nm		4.9mb	
		e	11 09.00	14kmX	
		e	11 25.50		
		S	20 32.00		
VRAC	73.57	6	eP	11 04.60	0.1
	2.2s	332.00nm		5.9mb	
		e(Sg)	13 04.60		
CDF	73.69	12	P	11 05.59	0.2
WLS	73.70	12	P	11 05.76	0.4
VITF	73.73	13	P	11 05.59	0.1
SPC	73.84	3	eP	10 51.00	-15.4X
		i	11 05.80	52km	
GEC2	73.86	8	ePc	11 06.10	-0.3
	0.6s	9.46nm		4.9mb	
		e	11 10.10	13kmX	
		e	11 11.80		
		e	11 13.70		
		e	11 20.20		
		e	11 21.50		
		e	11 27.10		
		e	11 28.40		
ECH	73.87	12	P	11 06.70	0.3
HAU	73.98	13	eP	11 06.90	-0.1
	0.6s	21.45nm		5.3mb	
	Z 21s	0.15um		4.3Msz	
LIBD	73.98	12	P	11 07.57	0.6
BSF	74.21	12	eP	11 08.10	-0.3
	1.2s	54.45nm		5.4mb	
MOF	74.23	12	P	11 08.74	0.2
FEL	74.30	12	P	11 08.91	-0.1
FUR	74.34	9	iPd	11 10.20	1.1
LOR	74.39	15	eP	11 09.30	-0.1
	1.2s	71.10nm		5.5mb	
	Z 22s</				

SSF	1.0s	80.00nm	5.6mb	PTJ	76.94	6 iP	11 22.50	-1.4	ULC	1.5s	240.00nm	5.9mb		
	74.54	15 eP	11 10.30	0.1	ZAG	77.02	6 eP	11 25.50	1.3		81.03	4 iPc	11 45.53	-0.5
	1.0s	88.40nm	5.6mb		RRL	77.07	13 P	11 25.98	1.1	DUI	81.06	8 P	11 46.30	0.0
CPD	74.66	81 P	11 10.40	-0.9	BHB	77.21	13 P	11 25.67	0.3	SKO	81.09	3 iPc	11 46.20	-0.1
AFR	74.66	175 iP	11 11.30	0.2	VRI	77.22	359 ePd	11 25.00	-0.3		1.0s	95.00nm	5.7mb	
PPN	1.5s	125.00nm	5.6mb		CVO	77.27	359 ePd	11 26.50	0.8			i	11 55.80	30kmX
	74.67	174 iP	11 11.60	0.4	VBY	77.29	7 eP	11 25.20	-0.5			i	11 59.70	
	1.5s	155.00nm	5.7mb				iPcP	11 35.90				i	12 06.70	
LBF	74.68	15 eP	11 10.80	-0.3			iP	11 39.60	50km	ECHE	81.10	20 eP	11 47.70	1.2
	1.1s	42.75nm	5.3mb				iSP	11 48.00		KKN	81.23	309 P	11 47.66	0.1
LOMF	74.68	13 P	11 11.38	0.2	RIY	77.39	7 eP	11 28.60	2.4	GKN	81.32	309 P	11 47.92	0.0
PPT	74.70	174 iP	11 11.70	0.3	BZS	77.45	2 eP	11 19.00	-7.6X	PMG	81.32	237 eP	11 48.00	0.2
	1.5s	125.00nm	5.6mb		PZZ	77.52	13 P	11 26.90	-0.3	PHP	81.35	3 eP	11 46.30	-1.4
ZST	74.71	5 eP	11 11.40	0.2	BOB	77.53	11 P	11 27.80	0.6	PKI	81.37	309 P	11 48.52	0.1
ZLA	74.73	11 P	11 13.14	1.7	MLR	77.60	359 eP	11 28.00	0.4	LACI	81.37	4 eP	11 47.10	-0.6
AVF	74.78	15 eP	11 10.50	-1.1	PCP	77.65	12 P	11 27.11	-0.7	RFI	81.38	8 P	11 51.22	3.4X
	1.0s	60.20nm	5.5mb		CKI	77.74	12 P	11 28.10	-0.1		1.6s	147.30nm	5.7mb	
PAE	74.79	174 iP	11 12.20	0.3	COZ	77.78	0 ePc	11 29.00	0.4	DMN	81.46	309 P	11 49.04	0.2
	1.5s	135.00nm	5.7mb		STV	77.80	13 P	11 26.70	-2.0	ERE	81.50	345 iP+	11 50.00	1.4
BHG	74.91	8 iPc	11 13.30	0.9	ROB	77.82	12 P	11 24.44	-4.3X			iS	21 57.00	
TVO	74.93	174 iP	11 13.20	0.4	ENR	77.83	13 P	11 28.44	-0.4			iPS	22 44.00	
	1.5s	205.00nm	5.8mb		SIM	77.85	353 eP	11 30.00	1.2	KVT	81.56	351 iP	11 49.70	0.9
BGF	74.94	15 eP	11 12.50	-0.1		E 28s	0.50um			TIR	81.66	4 eP	11 48.00	-1.3
	0.6s	25.95nm	5.3mb		CFR	77.88	358 ePd	11 28.50	-0.4	EVIA	81.73	21 eP	11 50.86	1.0
SMF	74.99	15 eP	11 12.60	-0.3	PYA	77.91	347 iPc	11 29.00	-0.2	VAY	81.76	2 iP	11 51.20	1.4
	1.1s	84.75nm	5.6mb			1.3s	150.00nm	5.8mb		EVAL	81.84	25 eP	11 51.42	1.1
LSF	75.04	16 eP	11 13.00	-0.2			i	11 42.00	44kmX	SWI	81.86	256 ePc	11 52.50	1.9
	1.0s	72.20nm	5.6mb				iS	21 18.00		KNT	81.92	1 eP	11 51.40	0.7
PSZ	75.10	3 eP	11 13.60	0.1			i	21 46.00		OHR	81.93	3 iP	11 55.40	4.6X
TCF	75.11	16 eP	11 13.50	-0.1							1.1s	66.00nm	5.6mb	
	1.0s	44.40nm	5.3mb		FIN	77.94	12 P	11 23.93	-5.5X			i	12 01.70	20kmX
MOTA	75.14	10 iPc	11 13.50	-0.4	EPF	77.99	18 eP	11 29.50	-0.2			i	12 05.00	
	1.0s	30.40nm	5.2mb			1.2s	39.00nm	5.3mb		EHOR	81.94	24 eP	11 51.28	0.5
SRO	75.15	4 iP	11 10.30	-3.4X	TOUF	78.02	13 P	11 30.75	0.7	SRS	81.98	1 iP	11 51.08	0.1
WATA	75.19	9 iPc	11 13.80	-0.3	KIV	78.03	347 iP	11 30.00	0.0	GRG	82.12	2 eP	11 52.40	0.7
		i	11 24.30	34kmX	Z 19s	0.59um		4.9Msz		ACU	82.25	20 eP	11 53.47	1.0
MAF	75.23	16 eP	11 14.20	0.0	AUTN	78.06	13 P	11 31.10	0.8	SOH	82.27	1 eP	11 53.12	0.6
	0.8s	22.85nm	5.2mb		SAOF	78.09	13 P	11 30.80	0.6	FNA	82.27	3 eP	11 51.84	-0.7
WTTA	75.26	9 iPc	11 14.90	0.3	AURF	78.16	13 P	11 31.01	0.3	MAIO	82.29	332 iPc	11 53.40	0.6
SQTA	75.27	10 iPc	11 14.60	0.0	CDR	78.17	14 ePc	11 33.10	2.5		1.0s	15.00nm	5.0mb	
	1.2s	76.20nm	5.5mb				e	11 41.50	27kmX			eS	22 10.00	
LLS	75.40	11 P	11 15.97	0.5	SBF	78.19	13 P	11 31.32	0.5	BERA	82.31	4 eP	11 52.50	-0.2
KMI	75.41	294 Pc	11 15.00	-0.9	IMI	78.20	12 P	11 24.96	-5.9X	LOE	82.38	290 eP	11 53.00	-0.4
	1.5s	40.00nm	5.1mb		GRO	78.23	345 iPd	11 32.00	1.1	ELUO	82.41	23 eP	11 55.00	1.8
AGO	75.47	15 P	11 15.98	0.3		2.0s	240.00nm	5.8mb		EHUE	82.50	22 eP	11 55.07	1.2
KBA	75.59	8 iPc	11 16.70	0.2	BDI	78.34	10 P	11 31.50	-0.2	CHG	82.60	293 iPc	11 54.00	-0.5
	1.2s	84.70nm	5.5mb		FRF	78.40	13 eP	11 31.90	0.0		1.2s	25.39nm	5.1mb	
		i	11 30.90	50km		1.1s	53.50nm	5.4mb		MGR	82.65	7 P	11 54.50	0.0
		i	11 49.40		LRG	78.46	14 eP	11 33.00	0.8	OUR	82.76	1 eP	11 52.52	-2.5
PLDF	75.63	15 P	11 17.09	0.5		1.3s	77.25nm	5.5mb		EPRU	82.77	24 eP	11 57.03	1.8
OSS	75.70	10 P	11 18.17	1.1	Z 20s	0.32um		4.7Msz		ECOG	82.83	22 eP	11 56.93	1.4
PYM	75.75	16 P	11 17.46	0.2	LMR	78.60	13 eP	11 33.50	0.5	LIT	82.98	2 eP	11 55.76	-0.4
RJF	75.96	17 eP	11 18.40	0.0		1.1s	56.15nm	5.4mb		SRN	83.13	4 eP	11 58.20	1.3
	1.3s	82.30nm	5.5mb		PGD	78.63	10 P	11 34.20	0.8	TDS	83.18	7 P	11 59.30	2.1
	22s	0.28um	4.5Msz		RSM	78.64	9 P	11 34.90	1.7	MAL	83.18	23 iPc	11 59.50	2.3
FVI	76.02	8 P	11 19.10	0.5	PII	78.67	10 P	11 33.30	0.0			iS	22 24.00	
KIS	76.03	357 iPc+	11 18.00	-0.6	FIR	78.69	10 eP	11 35.00	1.6	EJIF	83.21	24 eP	11 59.58	2.2
	1.0s	400.00nm	6.3mb		EGRA	78.69	19 eP	11 33.27	-0.1	EGUA	83.25	23 eP	11 59.16	1.5
	Z 20s	0.50um	4.8Msz		CRE	78.90	9 P	11 33.80	-0.9	ENIJ	83.40	21 eP	11 59.01	0.6
		i	11 32.00	49km	ETER	79.10	16 eP	11 35.76	0.0	PLAT	83.46	24 eP	12 02.00	3.3X
		e	14 06.00		TOV	79.38	88 eP	11 37.70	0.0	BDT	83.90	292 iPd	12 01.00	-0.1
		iS	20 55.00		GUD	79.46	22 eP	11 38.41	0.5		1.0s	27.60nm	5.2mb	
		ePS	21 20.00		ASS	79.51	9 P	11 38.20	0.2	AGG	84.05	2 eP	12 00.88	-0.8
COLF	76.08	15 P	11 19.20	0.1	EPLA	79.61	24 eP	11 39.00	0.4	NKM	84.19	24 iP	12 05.00	2.6
MMK	76.10	12 P	11 21.61	2.2	SDV	79.67	90 eP	11 38.30	-1.1			i	12 15.00	32kmX
TMA	76.14	11 P	11 20.50	0.9	PLE	79.67	4 iPc	11 39.53	0.6	ABA	84.51	17 iP	12 10.00	6.0X
LFF	76.20	17 eP	11 20.10	0.4	PGF	79.67	12 P	11 38.00	-0.9	NST	84.66	291 eP	12 06.00	1.1
	0.8s	74.70nm	5.7mb		HVAR	79.68	6 iP	11 38.30	-0.5	TSM	84.74	270 ePd	12 06.90	1.5
LBL	76.29	15 P	11 20.71	0.4	ETOR	79.70	20 eP	11 39.68	0.6	DZM	85.31	215 iPc	12 08.50	0.4
RSL	76.30	13 P	11 20.81	0.3	MTA	79.97	345 iPc+	11 40.40	0.0	AVE	85.78	27 eP	12 28.40	18.0X
CAF	76.42	16 eP	11 21.20	0.2		0.8s	90.00nm	5.8mb				i	12 49.50	77kmX
	1.1s	64.95nm	5.5mb				eS	21 40.00		IFR	86.10	25 iP	12 18.00	5.8X
SSB	76.43	15 P	11 21.34	0.3	BRY	80.06	5 iPc	11 39.84	-1.2			i	12 29.00	35kmX
LPL	76.48	13 eP	11 22.50	0.9	IVA	80.14	4 iPc	11 41.78	0.4	KHT	86.19	291 eP	12 12.20	-0.4
	1.2s	58.00nm	5.4mb		NKY	80.17	4 iPc	11 41.22	-0.4	NNT	87.46	289 eP	12 20.00	1.2
LPG	76.50	13 eP	11 22.80	1.0	TOL	80.22	22 iPc	11 43.30	1.5	CSS	87.84	353 eP	12 27.00	6.6X
	1.1s	41.50nm	5.3mb				eS	21 49.00		TIO	88.08	27 eP	12 23.00	1.2
LPO	76.52	17 eP	11 21.70	0.2	PVY	80.42								

MBC	67.43	3	ePc	24	03.30	0.0
	0.5s		9.00nm			4.8mb
KUG	68.03	122	eP	24	08.00	0.2
BUL	68.83	222	iPd	24	12.40	-0.4
	0.8s		14.93nm			4.8mb
IMA	72.30	17	eP	24	31.91	-1.1
	0.6s		3.89nm			4.3mb
			epP	25	18.95	197km
MBL	73.79	133	eP	24	41.30	-0.7
	0.5s		9.00nm			4.8mb
KIC	74.44	266	P	24	44.70	-1.4
TIC	74.50	267	P	24	45.50	-0.9
FBA	74.64	16	eP	24	47.20	0.8

	0.8s	7.93nm	4.5mb	
		epP	25 35.70	203km
LIC	74.75	266 P	24 46.80	-1.0
MTN	75.16	119 eP	24 49.00	-1.0
KNA	75.53	122 eP	24 51.40	-0.7
SVW	75.78	21 eP	24 53.15	0.1
	0.9s	8.54nm	4.5mb	
PMR	77.15	18 (P)	24 59.63	-0.8
	0.5s	7.70nm	4.7mb	
SLKM	77.79	19 ePc	25 02.53	-1.5
KLU	78.02	17 eP	25 05.80	0.4
		eP	25 54.73	203km
YKA	81.34	2 eP	25 22.70	-0.1
	0.6s	5.60nm	4.5mb	
WB2	82.25	122 iPc	25 27.20	-1.0
	0.4s	60.80nm	5.7mb	
LAT	83.11	103 eP	25 34.10	1.4
ASPA	84.49	125 iPc	25 38.70	-0.8
	0.7s	27.90nm	5.1mb	
FORT	85.86	133 eP	25 45.50	-0.6
QIS	86.32	119 iPc	25 47.10	-1.5
	0.3s	4.00nm	4.7mb	
SPA	126.24	180 iPKPc	32 06.10	-1.2
	0.8s	9.17nm		
ZOBO	138.31	288 ePKP	32 35.00	2.7X
LPB	138.43	287 (PKP)	32 32.00	-0.2
CNCB	138.50	287 PKP	32 33.00	0.5
	S.D. = 1.0 on 101 of 110 obs.			

* SEP 12, 1992 17h 51m 57.35± 1.16s
47.068 N ± 19.8km 152.905 E ± 19.0km
DEPTH = 33.0km (normal)
4.4mb (4 obs.)

KURIL ISLANDS (221)

KUSJ	7.03	239 eP	53 39.20	-1.3
		eS	54 54.30	
ASAJ	7.78	251 eP	53 57.90	6.8X
HOIJ	8.29	239 eP	53 58.30	0.1
		eS	55 27.70	
MAT	15.16	231 eP	55 36.00	5.3X
GUN	54.83	275 PKP	01 32.40	5.4X
KKN	55.32	275 PKP	01 31.20	0.9
PKI	55.37	275 PKP	01 31.20	0.4
PKI	55.37	275 P	01 41.68	10.8X
DMN	55.55	275 PKP	01 32.60	0.5
GKN	55.62	276 PKP	01 33.40	1.0
NB2	67.88	341 P	02 53.20	-1.0
	0.8s	3.80nm	4.5mb	
HFS	68.11	339 eP	02 54.50	-1.0
	0.5s	2.50nm	4.6mb	
ALO	71.79	58 eP	03 19.00	0.4
	0.9s	3.36nm	4.4mb	
CLL	76.11	335 eP	03 43.00	-0.1
KHC	77.89	334 eP	03 53.00	-0.1
GEC2	78.11	334 eP	03 54.50	0.2
	0.6s	0.54nm	3.7mb	
	S.D. = 0.8 on 12 of 16 obs.			

* SEP 12, 1992 18h 04m 33.39± 0.56s
28.734 N ± 12.0km 51.327 E ± 7.8km
DEPTH = 33.0km (normal)
4.1mb (4 obs.)

SOUTHERN IRAN (353)
Felt at Ahrom.

DHR	2.64	204 eP	05 27.00	12.4X
RYD	5.81	228 eP	06 00.67	1.1
MJMA	6.09	243 eP	06 03.33	-0.2
KER	6.66	328 eP	06 18.00	6.4X
OASM	7.41	251 eP	06 21.00	-1.0
MAIO	10.22	40 eP	07 03.00	2.1
MLR	26.10	317 eP	10 11.00	5.0X
GBA	28.53	116 P	10 29.00	0.8
GKN	29.27	83 P	10 34.82	-0.1
DMN	29.74	84 P	10 39.48	0.1
KKN	29.86	84 P	10 39.98	-0.4
GUN	30.37	83 P	10 42.54	-2.4
GEC2	35.06	315 eP	11 26.60	1.3
	0.7s	0.52nm	3.6mb	
		e	11 39.00	
		e	11 45.40	
BCAO	39.39	238 ePc	12 03.20	1.2
	0.8s	7.00nm	4.5mb	
HFS	40.35	332 eP	12 08.00	-1.2
	0.4s	2.70nm	4.4mb	
Z	15s	0.07um	3.6mszX	

		LR	29 01.00	
NB2	41.87	332 P	12 21.00	-0.8
	0.5s	0.90nm	3.8mb	
LIC	57.64	258 P	14 22.60	-0.4
	S.D. = 1.3 on 14 of 17 obs.			

? SEP 12, 1992 18h 12m 26.87± 3.71s
34.416 S ± 22.5km 70.393 W ± 15.8km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

CACH	0.34	330 iPd	12 34.12	0.1
		iS	12 43.29	
CHCH	0.53	336 iP+	12 37.54	0.0
		iS	12 49.07	
PCH	0.80	353 iPd	12 42.25	-0.2
		iS	12 57.24	
TACH	0.88	329 iPd	12 43.82	0.0
		iS	13 00.27	
LNV	0.96	298 iP	12 44.59	-0.5
		iS	13 01.22	
FCH	1.09	5 iPd	12 47.06	-0.5
		iS	13 05.44	
PEL	1.29	349 iP	12 51.07	0.2
		iS	13 12.24	
LCCH	1.36	313 iP	12 52.09	0.3
		iS	13 13.92	
ROCH	1.53	340 (P)	12 55.11	0.6
		iS	13 19.82	
	S.D. = 0.4 on 9 of 9 obs.			

SEP 12, 1992 19h 40m 51.77± 0.56s
25.101 S ± 6.6km 179.742 E ± 4.3km
DEPTH = 495.8 ± 7.0 km
4.8mb (28 obs.)

SOUTH OF FIJI ISLANDS (171)

RAO	4.63	154 P	42 17.10	1.2
		eS	43 36.00	
SVA	7.05	350 iPc	42 40.00	0.6
VUN	7.16	350 eP	42 40.00	-0.5
DZM	12.56	281 iPc	43 38.90	1.4
MRW	16.62	193 P	44 17.50	-1.0
		S	47 09.00	
HNR	24.44	306 eP	45 31.00	-1.0
SVO	24.73	306 P	45 33.00	-1.6
ARMA	25.40	252 iPd	45 42.70	2.0
	0.3s	9.00nm	4.8mb	
RMO	27.90	260 iPd	46 03.80	1.2
	0.7s	75.00nm	5.3mb	
PAE	29.46	82 iP	46 15.40	-0.8
	0.9s	35.00nm	4.9mb	
PPT	29.50	81 iP	46 15.70	-0.8
	0.9s	35.00nm	4.9mb	
TVO	29.72	82 iP	46 17.50	-1.0
	0.9s	45.00nm	5.0mb	
CMS	30.45	250 iPc	46 25.00	0.4
	0.2s	5.00nm	4.7mb	
CTA	31.27	272 iPd	46 32.50	0.8
	1.0s	82.50nm	5.2mb	
		iPp	46 37.00	16kmX
		eS	51 04.00	
TOO	31.61	239 eP	46 35.40	0.9
	0.7s	17.00nm	4.7mb	
PMO	31.94	78 iP	46 36.50	-0.9
	0.9s	30.00nm	4.8mb	
TPT	32.19	78 iP	46 38.90	-0.6
	0.9s	25.00nm	4.7mb	
RUV	32.32	79 iP	46 39.80	-0.8
	0.9s	35.00nm	4.9mb	
STK	34.08	250 iPd	46 55.80	0.6
	0.4s	5.30nm	4.4mb	
PMG	34.68	291 eP	47 01.00	0.5
	1.0s	82.00nm	5.2mb	
LAT	36.28	295 eP	47 13.00	-0.7
QIS	37.17	269 iPd	47 20.80	-0.3
	0.3s	5.00nm	4.5mb	
ASPA	41.62	262 iPd	47 57.00	-0.2
	0.4s	37.10nm	5.3mb	
		iS	53 35.40	
WB2	42.09	268 iPd	48 00.40	-0.6
	0.4s	72.90nm	5.6mb	
		iScP	52 49.40	
		eS	53 41.50	
FORT	45.68	251 eP	48 27.50	-1.4
MTN	47.33	276 eP	48 40.00	-1.6

WARB	47.60	257 iPd	48 42.20	-1.5
	0.3s	10.00nm	4.8mb	
KNA	48.43	271 iPd	48 49.60	-0.4
SWI	52.61	290 iPd	49 20.50	-0.3
MBL	54.85	261 iPd	49 35.00	-1.7
	0.4s	11.00nm	4.5mb	
NANU	58.30	258 iPd	49 59.70	-0.7
SPA	65.05	180 iPc	50 44.20	0.1
	0.8s	42.92nm	5.1mb	
CHJJ	71.97	326 P	51 25.30	-0.5
MAT	72.75	326 iPd	51 29.50	-0.9
	1.0s	16.00nm	4.5mb	
KAGJ	72.91	318 eP	51 31.10	-0.3
MTMJ	72.99	326 P	51 31.40	-0.4
TSRJ	73.14	324 P	51 32.40	-0.2
KUMJ	73.89	318 eP	51 36.70	-0.2
MAW	76.55	201 eP	51 51.00	-0.1
	1.0s	32.00nm	4.8mb	
WHN	83.55	308 eP	52 28.50	0.5
PLM	83.74	49 ePc	52 30.26	1.0
PEC	83.85	48 eP	52 29.11	-0.5
	0.7s	4.35nm	4.2mb	
CMB	84.23	43 eP	52 31.01	-0.4
ORV	84.49	42 eP	52 33.03	0.5
CN2	84.71	324 P	52 34.40	0.9
	1.0s	6.10nm	4.2mb	
BONR	85.49	44 eP	52 38.29	0.5
TNP	86.26	45 eP	52 41.61	0.2
	1.0s	2.12nm	3.8mb	
TUC	87.43	53 eP	52 48.38	1.4
	1.4s	31.91nm	4.9mb	
ARUT	88.55	47 eP	52 52.74	0.6
XAN	89.30	308 P	52 56.50	1.0
	1.0s	8.50nm	4.6mb	
RMW	89.31	35 eP	52 56.00	0.7
MSU	89.78	47 eP	52 58.44	0.6
CHG	89.88	291 eP	52 59.60	1.2
KLU	90.63	16 eP	53 07.77	6.7X
HVU	91.17	44 eP	53 04.70	0.6
SRU	91.19	47 eP	53 04.48	0.2
EMUT	91.37	46 eP	53 05.82	0.7
CD2	91.54	303 P	53 07.50	1.6
ALQ	91.88	52 eP	53 07.95	0.4
	0.8s	3.50nm	4.4mb	
GOL	94.94	48 eP	53 22.06	0.5
	0.8s	5.04nm	4.7mb	
KAF	138.91	341 ePKP	59 22.60	0.6
NUR	140.67	341 ePKP	59 26.50	1.3
	0.4s	2.10nm		
HFS	143.67	348 ePKP	59 27.70	-2.7
	0.4s	6.30nm		
OJC	150.51	333 ePKP	59 47.60	5.9X
KSP	151.31	338 iPKP	59 49.60	6.8X
		e	01 47.30	
CLL	151.92	342 iPKPd	59 50.70	7.0X
Z	17s	1.00um	5.7mszX	
		e	01 52.00	
		eSg	29 20.00	
BRG	152.04	341 i(PKP)	59 51.00	7.1X
BCAO	152.64	224 iPKPc	59 52.20	6.3X
	0.2s	16.00nm		
	S.D. = 1.0 on 62 of 68 obs.			

% SEP 12, 1992 21h 23m 00.20± 2.85s
34.032 S ± 18.9km 71.008 W ± 7.5km
DEPTH = 62.3 ± 26.2 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

CHCH	0.31	72 iPd	23 10.64	-0.1
		iS	23 19.63	
LNV	0.34	283 iPd	23 11.05	0.1
		iS	23 19.90	
CACH	0.35	104 iP+	23 11.27	0.1
		iS	23 21.02	
TACH	0.38	9 iP	23 11.38	0.0
		iS	23 20.55	
PCH	0.58	45 iPd	23 13.31	-0.1
		iS	23 24.04	
LCCH	0.73	320 iP+	23 14.80	-0.2
		iS	23 26.14	
FCH	0.92	41 iPd	23 17.77	0.0
		iS	23 32.01	
PEL	0.93	17 iP+	23 17.83	0.3
		iPKPc	23 31.63	
ROCH	1.06	360 iP	23 19.48	0.0
		iS	23 34.30	

12d 21h

JACH 1.39 15 iP 23 23.83 0.0
iS 23 42.04
S.D. = 0.2 on 10 of 10 obs.

* SEP 12, 1992 21h 47m 00.56 ± 0.50s
49.181 N ± 12.8km 28.512 W ± 6.8km
DEPTH = 10.0km (geophysicist)
4.8mb (11 obs.) 4.8Msz (3 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

EMON 15.70 103 eP 50 41.50 -1.8
EKA 16.64 59 P 50 54.00 -1.2
1.5s 75.20nm 4.6mb
LPF 18.17 83 eP 51 11.80 -2.5
GUD 19.18 107 iPc 51 32.10 5.2X
TOL 19.69 109 ePc 51 32.00 -0.8
55 20.00

EHOR 20.25 115 eP 51 37.00 -1.6
ETOR 20.41 104 eP 51 39.90 -0.5
EGRA 20.82 99 eP 51 46.50 2.1
EPRU 20.84 117 eP 51 52.00 7.2X
EPF 20.85 96 eP 51 45.30 0.5
ELUQ 21.01 114 eP 51 54.00 7.5X
EJIF 21.06 119 eP 51 54.80 7.9X
EVIA 21.40 110 eP 51 53.80 3.3X
MAL 21.48 116 iPc 52 00.50 9.3X
iS 56 00.00

ECHE 21.79 106 eP 51 53.00 -1.4
EGUA 21.91 115 eP 52 01.30 5.7X
EBR 22.04 101 (P) 52 03.00 6.2X
HFS 26.29 49 eP 52 39.70 2.1
0.4s 0.50nm 3.6mb X
RSNY 31.42 279 ePc 53 23.31 -0.5
0.9s 7.76nm 4.6mb
UZH 32.89 71 eP 53 36.00 -0.5
Z 17s 1.50um 4.8MszX
E 17s 1.00um

VR1 36.75 74 ePc 54 41.10
e 54 46.60
MBC 43.09 339 eP 55 01.00 -0.7
FVM 45.04 280 eP 55 17.61 -0.4
0.8s 13.65nm 4.9mb
YKA 46.44 320 eP 55 26.80 -1.9
1.0s 4.60nm 4.5mb
KIC 47.16 147 P 55 42.60 7.7X
OLY 47.18 278 (P) 55 34.01 -0.9
LIC 47.19 147 P 55 43.80 8.7X
ARU 49.79 47 eP 55 54.00 -0.9
Z 20s 1.00um 4.8Msz
N 20s 0.50um
E 20s 0.50um

SES 50.62 305 eP 56 01.00 -0.4
NR1 53.01 23 ePd 56 20.00 0.9
1.7s 22.00nm 4.8mb
LCCM 53.66 300 eP 56 23.10 -1.3
PV10 56.54 292 eP 56 45.40 -0.2
e 56 51.30
ALQ 57.12 287 eP 56 50.00 0.3
1.0s 7.50nm 4.7mb
DUG 57.66 296 eP 56 51.90 -1.4
0.8s 4.57nm 4.6mb
e 56 59.97

BCAO 59.75 122 iPc 57 06.00 -2.0
1.6s 26.00nm 5.1mb
ic 57 15.10
PMR 59.81 332 (P) 57 06.50 -1.3
MAIO 62.41 66 eP 57 25.00 -0.9
BOD 68.99 20 eP 58 07.50 -0.1
1.7s 30.00nm 5.2mb
SIV 71.01 213 eP 58 23.00 2.6
ZAK 72.56 30 eP 58 31.00 1.8
1.8s 20.00nm 4.9mb
ZOBO 74.03 220 P 58 41.20 2.3
Z 22s 0.20um 4.4Msz
LR 22 34.00

GKN 82.86 55 P 59 29.10 2.4
KKN 83.37 55 P 59 30.40 1.0
DMN 83.42 55 P 59 30.42 0.7
GUN 83.60 54 P 59 33.64 2.9X
PKI 83.61 55 P 59 31.12 0.3
LZH 85.16 37 eP 59 40.00 1.8
1.5s 32.00nm 5.3mb
Z 18s 0.59um 5.0Msz
GBA 89.94 69 P 00 03.30 2.0
WB2 147.76 31 ePKP 06 47.60 3.5X
0.9s 3.60nm

ASPA 151.01 35 iPKPc 06 55.70 6.6X
1.0s 6.10nm
S.D. = 1.5 on 37 of 50 obs.

% SEP 12, 1992 22h 11m 14.45 ± 1.21s
17.363 N ± 6.9km 100.230 W ± 11.1km
DEPTH = 25.2 ± 5.5 km
GUERRERO, MEXICO (59)

ACX 0.61 144 iP 11 25.95 -0.4
iS 11 34.90
III 1.24 36 iP 11 37.00 0.5
iS 11 54.07
TPM 1.96 34 (P) 11 45.75 -1.0
(S) 12 16.50
UNM 2.20 27 eP 11 50.00 -0.3
(S) 12 19.50

PPM 2.28 42 iP 11 51.66 0.0
iS 12 19.04
IIA 2.32 40 iP 11 51.89 0.1
iS 12 21.07
IIT 2.46 48 iP 11 53.70 -0.4
iS 12 26.01

MRX 2.50 339 iP 11 54.74 0.4
iS 12 24.33
IISM 3.16 59 eP 12 04.00 0.3
OXX 3.36 94 iP 12 07.30 0.5
(S) 12 47.00

COLM 3.75 299 eP 12 07.00 -5.2X
iS 12 48.50
CGX 3.85 308 (P) 12 23.67 10.0X
PBJ 4.71 101 (P) 12 26.00 0.3
AGX 4.90 337 (P) 12 34.50 6.2X
S.D. = 0.6 on 11 of 14 obs.

SEP 12, 1992 22h 27m 06.96 ± 0.62s
31.902 S ± 7.0km 69.963 W ± 11.1km
DEPTH = 130.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)
MD 3.7 (SAN).

JACH 0.94 214 iP 27 29.38 -0.4
iS 27 46.29

ZON 1.15 72 iPd 27 31.30 -0.4
eS 27 49.30

PEL 1.38 206 iP 27 34.11 0.0
iS 27 54.72

ROCH 1.39 219 iP 27 33.86 -0.5
iS 27 54.09

FCH 1.45 191 iPd 27 35.96 0.8
iS 27 57.26

PCH 1.78 195 iP 27 39.18 0.4
iS 28 04.39

TLL 1.87 337 iPd 27 40.50 0.4
iS 28 05.00

TACH 1.93 205 iPd 27 40.31 -0.2
iS 27 42.56

LCCH 2.07 220 iP 27 42.79 0.0
iS 28 09.61

CHCH 2.11 196 iP 27 45.43 0.5
iS 28 14.84

CACH 2.27 193 iP+ 27 45.21 -0.9
iS 27 45.21

LNV 2.38 210 iP+ 27 45.21 -0.9
S.D. = 0.6 on 12 of 12 obs.

* SEP 12, 1992 22h 31m 52.25 ± 1.73s
44.861 N ± 9.8km 16.731 E ± 19.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.9 (LJU).

ZAG 1.09 331 iPg 32 13.50 0.8
iSg 32 29.10

V8Y 1.23 302 iPg 32 13.80 -1.2
iSg 32 30.30
iSn 32 32.20

HVAR 1.69 187 iPn 32 22.00 0.0
iSg 32 46.40

RIY 1.73 287 ePn 32 22.50 0.0
iSn 32 44.20

LJU 1.95 308 ePn 32 26.50 0.8
e(Sn) 32 52.20

TRI 2.26 293 eP 32 29.80 -0.4
i 32 58.10

VOY 2.32 301 ePn 32 32.30 1.2
eSn 33 03.10

KHC 4.79 334 eP 33 05.00 -1.1
eSg 34 00.00

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

* SEP 12, 1992 22h 43m 27.39 ± 0.98s
51.169 N ± 7.8km 5.906 E ± 8.9km
DEPTH = 10.0km (geophysicist)
THE NETHERLANDS (540)
ML 2.0 (BNS).

ENN 0.40 178 eP 43 35.00 -0.6
0.6s 10.00nm
e 43 40.50

MEM 0.56 173 iPc 43 38.95 0.1
iS 43 46.40

BNS 0.83 104 ePgc 43 43.84 0.5
0.3s 49.00nm
iSg 43 53.98

WTS 1.00 34 eP 43 46.00 -0.3
0.7s 7.00nm
e 44 00.50

SNF 1.22 238 iPc 43 50.40 0.3
S.D. = 0.6 on 5 of 5 obs.

% SEP 12, 1992 22h 56m 26.48 ± 1.12s
16.962 N ± 17.3km 96.292 W ± 12.8km
DEPTH = 33.0km (normal)
OAXACA, MEXICO (60)

OXX 0.43 286 iP 56 36.50 0.3
iS 56 44.00

PBJ 1.00 121 iP 56 44.00 -0.2
iS 57 00.00

IISM 2.26 333 eP 57 03.00 0.7
iS 57 11.50 1.2

IIT 2.81 317 (P) 57 16.00 -1.5
TPM 3.31 308 (P) 57 16.00 -1.8

III 3.34 295 (P) 57 16.00 -1.8
ACX 3.42 269 (P) 57 20.00 1.2

S.D. = 1.5 on 7 of 7 obs.

* SEP 12, 1992 23h 52m 53.22s
56.920 N 155.277 W
DEPTH = 30.0km

ALASKA PENINSULA (12)
<AEIC>. ML 3.6 (AEIC).

KDC 1.72 60 eP 53 19.69 -1.8
CDD 2.20 23 iP 53 26.74 -1.6
eS 53 52.50

SYI 2.29 41 eP 53 28.19 -1.5
eS 53 54.72

BGM 2.48 1 eP 53 30.85 -1.6
AUI 2.61 21 eP 53 32.76 -1.5
eS 54 03.31

AUH 2.64 21 eP 53 33.19 -1.5
AUW 2.64 21 iP 53 33.48 -1.1
eS 54 04.45

AUE 2.65 22 eP 53 33.90 -0.8
AUL 2.66 21 eP 53 33.83 -1.0

PDB 2.93 11 iP 53 36.84 -1.9
eS 54 09.83

OPT 2.95 21 iP 53 37.67 -1.4
CNPM 3.38 38 eP 53 42.85 -2.3

RS1 3.79 19 eP 53 49.79 -1.3
RS2 3.79 19 eP 53 49.81 -1.3

RSO 3.79 19 eP 53 49.80 -1.3
RDW 3.80 19 iP 53 49.72 -1.5

REF 3.82 19 ePn 53 49.10 -2.5
NCT 3.85 18 eP 53 50.42 -1.5

DFR 3.92 19 eP 53 51.48 -1.4
RDT 3.96 21 eP 53 51.70 -1.7

SVW 4.21 358 eP 53 54.12 -2.8
S 54 56.12

BKG 4.44 19 iP 53 57.81 -2.6
SLKM 4.46 34 eP 53 57.23 -3.3

CKL 4.55 18 iP 53 59.56 -2.3
SPU 4.59 20 iP 53 59.82 -2.5

CKN 4.60 19 eP 54 01.73 -0.8
BGL 4.60 18 eP 54 00.65 -2.0

CPKM 4.63 19 eP 54 00.94 -2.2
CRP 4.65 19 eP 54 00.38 -2.9

MPA 4.72 38 eP 54 00.39 -3.8
NCG 4.78 18 eP 54 02.78 -2.3

LTI 5.00 48 eP 54 04.19 -3.9
MTU 5.05 49 eP 54 04.87 -4.0

PTE 5.11 37 eP 54 06.10 -3.6
SUA 5.12 25 eP 54 07.05 -2.9

KNIM 5.23 46 eP 54 07.06 -4.3
PMS 5.24 32 P 54 07.50 -4.1

MID 5.36 58 P 54 07.50 -5.6
 SKT 5.42 19 eP 54 11.10 -3.0
 PMR 5.65 31 (P) 54 12.47 -4.7
 KNK 5.71 35 eP 54 13.93 -4.2
 HIN 5.75 49 eP 54 14.09 -4.7
 GLI 5.81 43 eP 54 14.29 -5.3
 KLU 6.64 42 ePn 54 26.28 -5.0
 BALM 7.85 53 ePn 54 43.06 -5.2
 45 obs. associated

& SEP 13, 1992 01h 35m 42.33s
 60.103 N 140.549 W
 DEPTH = 16.9km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.7 (AEIC), 2.8 (PGC).

PCA 0.15 92 iP 35 46.02 -0.6
 BCPM 0.48 108 eP 35 51.77 -0.2
 YAH 0.65 294 eP 35 54.38 -0.7
 PNL 0.73 126 iP 35 55.44 -0.7
 WRG 0.75 266 eP 35 55.32 -1.2
 CTGM 0.95 336 iP 35 58.70 -1.3
 CYK 0.97 270 eP 35 59.18 -1.1
 HQN 1.07 127 eP 36 00.63 -1.4
 SNH 1.15 275 eP 36 01.68 -1.7
 BALM 1.29 317 eP 36 03.69 -2.0
 TGL 1.31 301 eP 36 04.28 -1.6
 CROM 1.44 298 eP 36 06.44 -1.4
 HYT 1.67 63 P 36 12.10 0.9
 HMT 1.87 279 eP 36 12.77 -1.1
 KAIM 1.95 266 eP 36 13.77 -1.3
 RAGM 2.08 280 eP 36 15.97 -1.0
 GLB 2.09 311 eP 36 16.44 -0.7
 PLBC 2.21 105 Pg 36 20.00 1.2
 SGAM 2.35 282 eP 36 19.73 -1.1
 KLU 2.98 300 eP 36 29.12 -0.6
 VZW 3.11 291 eP 36 29.90 -1.8
 GLI 3.33 286 eP 36 33.75 -1.0
 KNIM 3.59 277 eP 36 35.63 -2.8
 LTI 3.66 272 eP 36 36.90 -2.5
 24 obs. associated

SEP 13, 1992 03h 39m 15.74±1.61s
 6.607 S ± 6.3km 105.847 E ± 7.1km
 DEPTH = 84.8 ± 14.3 km
 5.1mb (27 obs.)

SUNDA STRAIT (276)

KHKI 9.83 101 ePc 41 37.00 0.7
 KKM 16.28 40 ePc 43 06.80 6.0X
 NANU 18.41 151 eP 43 25.40 -1.4
 KHT 22.44 341 eP 44 09.80 1.2
 LOE 24.20 350 eP 44 21.00 -4.7X
 KNA 24.23 114 eP 44 26.40 0.4
 MTN 25.67 106 eP 44 40.00 0.5
 CHG 26.16 345 ePc 44 44.20 0.1
 WRA 30.67 118 P 45 24.89 0.3
 WB2 30.68 118 iPd 45 24.60 -0.1
 ASPA 31.85 125 iPd 45 34.50 -0.4
 GYA 32.88 1 iPd 45 45.00 1.1
 GBA 34.63 305 P 45 58.50 -0.5
 QIS 35.52 116 eP 46 07.00 0.4
 HYB 36.01 312 eP 46 10.70 -0.1
 LSA 38.76 339 P 46 33.40 -0.8

PKI 39.31 331 P 46 37.70 -0.9
 GUN 39.37 332 P 46 38.16 -0.9
 DMN 39.49 330 P 46 40.42 0.4
 KKN 39.55 331 P 46 39.92 -0.6
 GKN 40.04 330 P 46 43.58 -0.9
 POO 40.25 309 eP 46 26.50 -19.6X
 XAN 40.53 4 Pc 46 48.50 0.3
 STK 41.75 132 iPd 46 58.80 0.5
 LZH 42.51 358 eP 47 05.00 0.5
 TIA 43.89 13 eP 47 16.40 0.9
 TIY 44.52 7 Pc 47 21.60 0.9
 KAGJ 44.56 31 P 47 21.90 0.8
 KUMJ 45.61 30 P 47 30.80 1.5
 GTA 46.12 354 Pd 47 34.00 0.6
 BTO 47.13 4 eP 47 41.80 0.5
 HHC 47.51 6 eP 47 45.60 1.2
 TSRJ 50.61 32 P 48 08.70 0.6
 MTMJ 52.37 33 P 48 20.60 -0.9
 MAT 52.55 33 eP 48 21.00 -1.8
 CHJJ 52.62 34 P 48 22.10 -1.1
 CN2 53.22 18 Pc 48 27.50 0.0
 KAKJ 53.39 35 P 48 27.00 -1.8
 KSH 53.51 331 P 48 30.30 0.4
 YAMJ 54.74 33 P 48 38.50 -0.3
 MDJ 55.29 20 eP 48 42.60 0.0
 OFUJ 56.27 33 P 48 48.60 -1.2
 ZAK 56.80 358 ePc 48 54.00 0.7
 MRRJ 58.40 30 eP 48 56.90 -7.7X
 ASAJ 60.42 30 eP 49 18.10 -0.4
 KUSJ 60.74 32 eP 49 20.40 -0.3
 YSS 62.58 28 iPc 49 31.70 -1.3
 BOD 64.60 5 iPc 49 45.70 -0.3
 YAK 70.87 12 iPc 50 23.20 -1.9
 SVE 73.17 336 iPc 50 39.50 0.6
 ARU 73.74 335 ePc 50 42.00 -0.2
 MGD 75.33 21 eP 50 51.00 -0.3
 NRI 76.82 354 iPc 50 58.00 -1.4
 OBN 83.75 327 iPc 51 37.00 0.5
 VRI 87.18 317 P 51 54.10 0.4
 MLR 87.64 316 ePc 51 56.50 0.4
 KAF 90.92 332 iP 52 11.20 0.2
 NUR 91.38 331 iP 52 13.10 0.0
 GEC2 96.34 318 ePKPd 52 36.10 -0.2
 MSU 133.22 42 ePKP 58 25.54 1.5
 RSSD 134.40 30 ePKP 58 26.24 0.1
 ALO 139.03 42 ePKP 58 34.10 -1.0
 SIO 144.58 32 ePKP 58 43.80 -0.7
 TUL 144.73 31 ePKP 58 43.50 -1.2
 VVO 145.19 32 ePKP 58 45.00 -0.5
 FVM 145.45 23 (PKP) 58 45.78 -0.1
 ELC 146.52 22 ePKP 58 49.24 1.6
 OLY 147.13 27 ePKP 58 50.37 1.7
 PWLA 148.99 23 ePKP 58 53.58 1.9
 GBTN 149.64 16 ePKP 58 55.76 3.1X
 PRM 151.62 14 ePKP 59 02.38 6.7X
 S.D. = 0.9 on 65 of 71 obs.

& SEP 13, 1992 04h 53m 31.68s
 35.921 N 117.703 W
 DEPTH = 6.3km
 CENTRAL CALIFORNIA (39)

<PAS-P>. ML 2.8 (PAS), 2.8 (GS).

ISA 0.68 248 iPd 53 44.34 -0.9
 TPNV 1.56 48 ePn 53 59.87 -0.2
 ABL 1.64 230 ePn 53 57.82 -3.4
 SSK 1.71 180 ePn 53 56.65 -5.6
 PEC 2.07 167 ePn 54 03.81 -3.6
 BONR 2.09 347 ePn 54 06.97 -0.9
 TNP 2.19 10 ePn 54 08.70 -0.6
 PLM 2.65 165 ePg 54 20.74 4.8
 GLA 3.72 139 (Pn) 54 31.11 0.2
 ARUT 3.89 60 (Pn) 54 31.00 -2.5
 MSU 5.11 58 ePg 55 07.67 16.8
 11 obs. associated

SEP 13, 1992 05h 00m 34.92±0.18s
 45.197 N ± 1.9km 7.680 E ± 1.9km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 3.6 (LDG), 3.4 (GEN), 3.3 (STR), MD 3.3 (LJU).

RSP 0.30 262 Pd 00 43.70 2.4
 LSD 0.45 305 Pd 00 48.33 2.5
 BHB 0.46 220 Pd 00 45.60 1.3
 ORO 0.48 26 Pd 00 46.90 2.3
 RRL 0.69 247 Pd 00 49.73 0.9
 LPG 0.72 295 Pg 00 51.00 1.7
 BNI 0.73 259 Pd 00 50.40 1.1
 LPL 0.74 296 Pg 00 51.40 1.8
 DOI 0.76 204 P 00 49.50 -0.3
 PZZ 0.81 211 Pd 00 50.15 -0.5
 MMK 0.88 13 ePc 00 52.90 0.9
 CKI 0.88 151 Pc 00 53.20 1.3
 RSL 0.89 304 Pg 00 53.96 1.8
 PCP 0.90 137 Pc 00 53.75 1.6
 DIX 0.90 348 ePc 00 53.70 1.3
 ROB 0.91 171 Pc 00 53.31 0.9
 STV 0.99 195 Pc 00 52.96 -0.7
 ENR 0.99 191 Pc 00 53.17 -0.6
 EMS 1.02 329 ePc 00 56.30 2.0
 FIN 1.06 159 P 00 55.67 0.8
 TMA 1.24 42 ePd 00 58.20 0.2
 IMI 1.30 173 Pc 00 59.01 0.0
 BOB 1.33 108 P 01 01.60 2.1
 SBF 1.35 188 Pn 00 59.00 -0.7
 FRF 1.80 205 Pn 01 06.20 0.0
 VDL 1.80 43 ePd 01 06.80 0.4
 LLS 1.91 28 ePc 01 07.90 -0.1
 VILF 1.94 227 Pn 01 08.42 0.0

13d 05h

TAVF	1.96	217	Pn	01	08.24	-0.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</
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MBL	13.77 182 iPd	54 42.10	0.6	0.5s	48.00nm	5.2mb	KKN	41.71 329 P	27 22.80	0.1
	0.3s 38.00nm		5.1mb	YAMJ	48.83 21 iPd	59 37.20 0.0	GKN	42.21 329 P	27 25.40	-1.4
KKM	13.90 343 ePd	54 45.40	2.5	GKN	49.23 317 Pd	59 40.04 -0.5	BUL	77.23 251 iPc	31 29.30	1.2
	0.7s 144.90nm		5.3mb		0.4s 94.00nm	5.6mb		0.5s 2.11nm		4.4mb
	e	57 09.20		OFUJ	50.22 22 iPd	59 47.10 -0.4	KAF	93.03 332 eP	32 45.60	-0.5
NANU	15.85 197 eP	55 01.70	0.3	GTA	50.24 339 iPc	59 48.50 0.7		0.5s 2.80nm		4.9mb
	0.4s 56.00nm		5.2mb		0.8s 56.00nm	5.0mb	NUR	93.53 331 eP	32 47.60	-0.8
	eS	59 13.00			PcP	00 56.00	HFS	98.92 330 eP	33 12.20	-0.7
WRA	18.48 134 P	55 25.79	-0.1	CN2	51.09 5 eP	59 56.80 3.2X		0.4s 0.80nm		4.6mb
	0.8s 45.40nm		4.9mb	MDJ	52.36 8 iPd	00 02.10 -0.7	SRU	133.69 42 ePKP	38 50.15	-0.5
WB2	18.49 134 iPc	55 25.40	-0.5		0.6s 44.00nm	5.0mb	JAQ	134.20 3 ePKP	38 50.00	-0.9
	0.2s 206.70nm		6.2mb X	MRRJ	52.99 19 eP	00 06.60 -0.6	RSSD	134.53 32 ePKP	38 49.51	-2.6
MEEK	19.28 185 eP	55 32.30	-0.9	HOOJ	53.71 21 eP	00 11.70 -0.5	RSNY	143.50 3 ePKP	39 03.54	-4.6X
ASPA	20.82 143 P	55 45.50	-1.6	KUSJ	54.85 22 eP	00 19.80 -0.4	TBR	146.91 3 ePKP	39 15.17	1.2
	0.3s 82.80nm		5.7mb	ASAJ	55.02 19 iPd	00 21.10 -0.3	ELC	146.96 25 ePKP	39 13.95	-0.2
MRWA	22.17 190 eP	55 58.50	-0.8	YAK	69.51 5 iPd	01 52.00 -1.6	LVNJ	147.21 4 iPKPc	39 15.72	1.3
	0.3s 5.00nm		4.5mb	MAW	71.26 200 P	02 05.30 1.5	LST	147.38 27 ePKP	39 14.77	0.0
QIS	22.81 127 iPc	56 04.10	-1.0	SVW	93.47 29 (P)	03 42.00 -13.8X	OLY	147.38 30 ePKP	39 15.47	0.6
	0.5s 83.00nm		5.5mb	IMA	95.00 24 eP	04 03.37 0.7	PWLA	149.40 26 ePKP	39 20.98	2.9X
BAL	23.42 188 eP	56 09.30	-1.0		0.5s 1.48nm	4.5mb	NAV	149.75 14 ePKP	39 20.11	1.5
KLB	24.27 185 eP	56 16.50	-1.3	KAF	98.32 332 iP	04 17.00 -0.6	GBTN	150.31 20 ePKP	39 19.44	0.0
FORT	24.43 164 eP	56 22.00	2.8X		0.5s 2.20nm	4.8mb	CNCB	155.04 190 ePKP	39 34.00	6.7X
PMG	26.60 96 eP	56 38.00	-0.3	NUR	99.14 330 eP	04 21.00 -0.2	ZOBO	155.57 189 ePKP	39 31.00	2.8
CTA	28.12 119 iPc	56 51.10	-0.4		0.5s 3.40nm	5.0mb		S.D. = 1.3 on 25 of 30 obs.		
	0.8s 35.45nm		5.0mb	HFS	104.59 330 ePdiff	04 44.80 -0.7		SEP 13, 1992 08h 37m 05.35± 0.32s		
	i	56 59.00			0.9s 5.60nm	5.3mb		40.711 N ± 4.8km 27.343 E ± 2.9km		
QIZ	28.16 339 Pd	56 52.00	0.3	MSU	123.50 48 ePKP	09 35.80 1.5		DEPTH = 13.2 ± 2.6 km		
QLP	29.71 133 iPc	57 05.20	0.3	EMUT	124.04 46 (PKP)	09 36.76 1.5	TURKEY		(366)	
	0.3s 163.00nm		6.1mb X	SRU	124.50 47 ePKP	09 36.52 0.4	MFT	0.09 328 iPg	37 09.20	0.7
STK	31.45 144 iPc	57 19.60	0.2	RSSD	126.75 39 ePKP	09 40.20 -0.2	EDC	0.54 132 iPg	37 16.10	0.0
	0.4s 121.20nm		5.9mb	ELC	139.85 38 ePKP	09 57.55 -7.3X	BNT	0.56 129 iPg	37 17.20	0.6
BDT	32.27 319 eP	57 27.00	0.6	EMM	142.10 9 ePKP	10 05.38 -3.2X	KCT	0.90 121 iPg	37 22.20	-0.1
	0.6s 17.90nm		4.9mb	MCWV	143.05 26 ePKP	10 08.90 -1.5	CTT	0.93 62 iPg	37 22.20	-0.6
RMQ	33.05 129 iPc	57 33.80	0.8	TBR	143.90 19 iPKPd	10 11.58 -0.2	ALN	1.00 281 eP	37 24.86	0.8
	0.4s 34.00nm		5.3mb	GBTN	143.91 35 iPKPd	10 11.54 -0.4	DMK	1.15 16 iPg	37 26.20	-0.4
CHG	33.47 321 ePd	57 37.80	1.3	LVNJ	144.03 20 iPKPd	10 11.94 0.0	ISK	1.35 74 iPn	37 29.70	-0.1
	0.9s 18.49nm		4.7mb	PNJ	144.14 19 iPKP	10 12.80 0.7	DST	1.48 138 iPn	37 32.50	0.8
CMS	33.81 139 iPc	57 39.40	0.2	NAV	144.49 30 iPKPd	10 13.22 0.3	YLV	1.55 95 iPn	37 31.20	-1.5
	0.4s 7.00nm		4.6mb	PRM	146.10 35 iPKPd	10 18.47 2.8X	KDZ	1.73 303 eP	37 36.00	0.7
BFD	35.92 149 iPc	57 51.00	-5.5X	LHS	146.67 33 ePKP	10 17.24 0.7	HRT	1.77 86 iPn	37 35.20	-0.7
	0.4s 24.00nm		5.1mb	SGS	147.80 34 ePKP	10 23.34 5.0X	JMB	1.84 342 eP	37 39.00	2.1X
GYA	36.11 339 iPd	57 58.80	0.6	CNCB	154.65 161 ePKP	10 32.00 2.6X	DIM	1.91 315 P	37 38.00	0.2
	0.6s 35.00nm		5.1mb	LPB	154.87 161 ePKP	10 41.00 11.5X	RZN	2.21 297 iPc	37 42.00	-0.4
	PcP	00 07.20		ZOBO	155.09 160 ePKP	10 40.00 9.9X	PLD	2.43 306 iPc	37 45.00	-0.2
KMI	36.52 333 Pc	58 04.00	2.2		S.D. = 1.0 on 81 of 94 obs.		MMB	2.87 289 iP	37 52.00	0.4
	1.0s 30.00nm		4.8mb	? SEP 13, 1992 08h 06m 24.00± 1.68s			SRS	2.87 279 eP	37 51.26	-0.4
ARMA	37.24 132 iPc	58 09.00	1.5	36.400 N ± 37.1km 71.567 E ± 12.7km				iS	38 37.26	
	0.2s 7.00nm		4.9mb	DEPTH = 33.0km (normal)			PAIG	2.91 256 eP	37 51.62	-0.5
BWA	37.36 140 eP	58 09.90	1.5	AFGHANISTAN-TAJIKISTAN BORD REG.(717)			PGB	3.01 309 eP	37 54.00	0.5
TOO	37.78 147 iPc	58 12.30	0.7				SOH	3.03 273 iP	37 53.33	-0.6
	0.5s 23.00nm		5.0mb	MAIO	9.74 273 eP	08 45.00 0.0	KNT	3.40 279 eP	37 58.82	-0.3
WHN	38.08 352 P	58 15.50	1.4		0.9s 6.39nm	4.9mb	VAY	3.66 281 ePn	38 00.40	-2.4
SSE	38.20 1 Pc	58 15.50	0.5		eS	10 20.00	LIT	3.76 262 iP	38 03.06	-1.1
	0.8s 16.00nm		4.6mb	GKN	13.87 123 P	09 41.34 0.8	GRG	3.76 275 eP	38 04.50	0.3
CAN	38.30 141 eP	58 16.60	0.7	DMN	14.44 124 P	09 48.14 0.0		eS	39 04.34	
NJ2	39.18 358 Pd	58 23.80	0.9	KKN	14.44 123 P	09 48.12 0.0	SKO	4.62 288 ePn	38 11.00	-5.4X
	0.8s 39.00nm		5.0mb	PKI	14.67 123 P	09 50.86 -0.4	MLR	4.89 348 ePc	38 23.00	2.7X
CD2	41.20 338 eP	58 39.20	0.1	GUN	14.77 121 P	09 52.26 -0.4	VRI	5.18 355 eP	38 24.50	0.2
	0.6s 150.00nm		5.6mb	GBA	23.30 165 P	11 29.80 -0.1	BZS	6.45 321 ePc	38 35.00	-7.2X
XAN	42.54 346 iPd	58 49.00	-0.6		S	15 41.80		S.D. = 0.8 on 25 of 29 obs.		
	0.6s 82.00nm		5.4mb	S.D. = 0.5 on 7 of 7 obs.			* SEP 13, 1992 09h 12m 08.04± 3.36s			
TIA	43.40 356 eP	58 55.00	-1.2	? SEP 13, 1992 08h 19m 34.93± 0.48s			29.153 S ± 25.1km 71.166 W ± 20.8km			
	0.8s 14.00nm		4.5mb	7.966 S ± 15.9km 107.838 E ± 11.7km			DEPTH = 92.9 ± 27.1 km			
TSRJ	45.10 18 iPd	59 08.40	-0.8	DEPTH = 33.0km (normal)			NEAR COAST OF CENTRAL CHILE		(135)	
LZH	45.88 341 iPd	59 16.40	1.0	4.8mb (5 obs.)			MD 4.3 (SAN).			
	1.0s 89.00nm		5.2mb	JAWA, INDONESIA		(277)	TLL	1.06 163 iPd	12 28.30	-0.9
LSA	46.29 324 iPd	59 20.10	1.1	KHKI	7.70 93 iPd	21 29.20 1.6		iS	12 40.10	
CHJ	46.56 21 P	59 19.00	-1.3		iS	21 51.10	RTL	3.19 134 ePd	12 57.30	0.2
MTMJ	46.64 19 P	59 20.10	-1.0		e	24 51.80	ZON	3.21 139 eP	12 59.00	1.6
DZM	46.73 113 iPc	59 21.90	-0.1	TSM	15.76 40 ePc	23 23.00 6.8X	CFA	3.52 135 e(P)	13 02.00	0.4
MAT	46.74 20 iPd	59 20.20	-1.5	NANU	16.29 154 eP	23 15.00 -7.9X		S	13 39.20	
	0.7s 15.75nm		4.6mb		eS	26 06.00	JACH	3.55 172 iP	13 02.07	-0.1
KAKJ	47.13 22 P	59 22.60	-2.0	MBL	17.50 140 eP	23 36.00 -2.1		iS	13 42.62	
BJI	47.28 356 eP	59 25.00	-0.7		eS	26 32.00	ROCH	3.81 178 eP	13 05.58	-0.2
	1.0s 39.00nm		4.8mb	AAI	20.69 79 eP	24 15.00 0.1		iS	13 49.27	
GBA	47.41 296 P	59 26.20	-0.9	MTN	23.41 104 eP	24 42.10 0.1	IHA	3.88 186 eP	13 25.00	18.4X
GUN	48.34 318 P	59 33.78	-0.4	WB2	28.30 118 iPc	25 26.60 -1.2		iS	14 02.80	
	0.6s 92.00nm		5.4mb		0.4s 9.20nm	4.8mb				
PKI	48.43 317 Pd	59 34.08	-0.8		e	25 30.40				
	0.4s 64.00nm		5.4mb	ASPA	29.45 125 eP	25 38.50 0.3				
HHC	48.61 351 iPc	59 35.40	-0.3		GBA	37.02 305 P				
	0.7s 24.00nm		4.8mb		STK	39.38 132 iPd				
BTO	48.62 350 eP	59 34.70	-1.1			0.4s 7.60nm	4.8mb			
DMN	48.66 317 Pd	59 35.86	-0.6			e	29 10.70			
	0.5s 42.00nm		5.1mb							
KKN	48.66 317 Pd	59 36.44	0.0							

13d 09h

PEL	4.00	174	iP+	13	08.57	0.3	CPD	21.21	70	(P)	43	31.00	3.9X	PLM	35.09	313	ePd	45	35.30	1.0
			iS	13	53.56		HBF	22.16	14	ePc	43	38.52	2.1				ePcP	48	07.05	
FCH	4.23	170	eP	13	13.15	1.4	SGS	22.37	14	eP	43	41.93	3.4X	MSU	35.17	324	iPc	45	34.81	-0.2
			iS	14	00.71		PRM	22.87	10	eP	43	46.17	2.7				iPcP	48	07.22	
LCCH	4.32	184	iP	13	12.09	-0.6	JSC	23.26	12	ePc	43	49.83	2.6				eScP	51	56.42	
			iS	14	00.16		PWLA	23.43	357	eP	43	49.59	0.7	CCH	35.19	144	P	45	35.70	0.3
PCH	4.49	173	iP	13	15.38	0.3	LHS	23.54	12	iPc	43	52.47	2.5	EMUT	35.34	327	iPc	45	36.24	-0.2
			iS	14	06.37		GBTN	24.20	5	iPc	43	58.44	2.1				ePcP	48	07.40	
TACH	4.49	178	iP+	13	15.72	0.7	OLY	24.29	351	iPc	43	56.88	-0.4	ARUT	35.43	322	iPc	45	37.36	0.2
			iS	14	05.70		LST	25.08	354	eP	44	04.34	-0.4	PEC	35.58	314	eP	45	38.44	0.2
CYA	4.77	83	iPc	13	20.00	1.1	VVO	25.10	343	iPd	44	05.60	0.6				ePcP	48	08.98	
CHCH	4.79	175	iP	13	18.81	-0.3	CEH	25.29	15	iPc	44	08.73	1.9	EEO	35.66	9	eP	45	41.00	2.3
			iS	14	12.15			0.6s	91.70nm			5.6mb		RSSD	35.76	339	iPc	45	39.64	-0.3
LNV	4.79	182	iP	13	17.93	-1.2	NNA	25.32	157	eP	44	07.00	-0.3		0.7s	13.14nm			5.0mb	
			iS	14	11.11			1.2s	34.38nm			4.8mb		Z	21s	1.05um			4.6msz	
CACH	4.97	175	eP	13	22.34	0.5	FNO	25.56	340	iPc	44	08.80	-0.5				iPcP	48	08.92	
MRA	5.71	126	ePd	13	30.40	-1.5	SIO	25.65	342	eP	44	09.80	-0.4				eScP	51	56.61	
TCA	6.09	113	iP	13	35.50	-1.8	TUL	25.65	343	iPd	44	09.80	-0.4	DAU	36.01	327	iPc	45	41.87	-0.2
			i	13	37.00			1.2s	291.40nm			5.8mb					ePcP	48	09.65	
S.D. = 1.1 on 17 of 18 obs.							Z	22s	3.59um			4.9msz	SSK	36.12	314	eP	45	44.33	1.3	
									e	44	12.40	9kmX				(PcP)	48	10.98		
									e	44	20.80		TPNV	36.67	319	eP	45	47.80	0.3	
? SEP 13, 1992 09h 12m 28.72±0.87s									e	44	30.20			0.9s	30.53nm			5.2mb		
44.431 N ± 7.6km 7.252 E ± 13.6km									S	49	15.00					ePcP	48	12.40		
DEPTH = 5.0km (geophysicist)									LR	55	14.00		DUG	36.69	326	eP	45	48.17	0.5	
NORTHERN ITALY (545)							ELC	25.79	356	eP	44	10.82	-0.6		1.1s	35.59nm			5.2mb	
ML 1.5 (GEN).							BLA	26.26	12	ePc	44	17.59	1.7	EMM	37.06	23	eP	45	51.62	1.1
PZZ	0.13	304	P	12	31.56	0.0		1.2s	148.22nm			5.5mb		SIV	37.32	136	P	45	54.60	1.6
			S	12	33.51		NAV	26.29	11	iPc	44	17.42	1.3	ISA	37.43	315	P	45	58.75	4.9X
STV	0.19	164	P	12	32.64	-0.1	FVM	26.60	354	ePd	44	18.11	-0.8		1.4s	26.57nm			4.9mb	
			S	12	35.20			1.0s	30.41nm			4.9mb		ABL	37.53	314	eP	45	55.95	1.0
ENR	0.24	149	P	12	33.66	0.1	Z	19s	1.23um			4.5msz					ePcP	48	14.47	
			S	12	36.84		CBN	27.92	16	eP	44	33.00	2.1	HVU	37.79	328	ePc	45	56.45	-0.4
BHB	0.41	1	P	12	36.95	0.0	MCWV	28.74	11	eP	44	39.50	1.2				ePcP	48	14.70	
			S	12	42.74			0.6s	68.37nm			5.5mb		TNP	37.96	319	ePc	45	58.65	0.3
S.D. = 0.1 on 4 of 4 obs.							Z	20s	2.81um			4.9msz		1.2s	28.56nm			5.0mb		
							ALQ	29.42	326	eP	44	44.88	0.2				ePcP	48	15.27	
								0.9s	25.03nm			5.0mb		BCH	38.31	314	eP	46	02.44	1.1
SEP 13, 1992 10h 38m 41.74±0.26s							Z	21s	1.02um			4.4msz					ePcP	48	17.21	
11.474 N ± 5.1km 86.800 W ± 4.3km									PcP	47	51.90		PTI	38.37	329	eP	46	01.63	-0.1	
DEPTH = 33.0km (normal)									eScP	51	36.45		BONR	38.58	319	ePc	46	04.50	0.8	
5.0mb (47 obs.) 5.2msz (30 obs.)							TUC	30.28	317	eP	44	52.15	-0.2				ePcP	48	17.00	
NEAR COAST OF NICARAGUA (74)								1.2s	62.28nm			5.3mb		HHA I	38.68	330	ePc	46	04.59	0.3
CENTROID, MOMENT TENSOR (HRV)							Z	20s	3.84um			5.0msz					ePcP	48	17.75	
Data Used: GDSN									ePcP	47	52.96		PHAM	38.86	314	eP	46	06.86	1.1	
L.P.B.: 21S, 42C							LVNJ	31.09	18	iPc	45	00.24	1.1	LMN	39.05	25	eP	46	11.50	4.3X
Centroid Location:							GMTN	31.33	19	iP	45	02.80	1.5	KVN	39.08	320	eP	46	11.18	3.3X
Origin Time 10:38:48.6 0.5							PNJ	31.36	19	iP	45	03.20	1.6	ULM	39.38	351	ePd	46	11.40	1.5
Lot 11.40N FIX; Lon 86.83W FIX							JFWS	31.47	355	eP	45	01.35	-1.1	CMB	39.99	317	eP	46	15.43	0.2
Dep 15.0 FIX Half-duration 1.2								1.0s	103.52nm			5.6mb		LCCM	40.36	333	eP	46	18.20	0.0
Moment Tensor: Scale 10**16 Nm									ePc	45	03.83	0.5				ePcP	48	22.90		
Mrr= 5.34 0.54 Mtt=-7.57 0.47							TBR	31.55	18	ePc	45	02.75	-0.9				e	52	15.00	
Mff= 2.22 0.83 Mrt= 7.60 0.88							DLA	31.60	7	P	45	02.75	-0.9	ARN	40.41	316	eP	46	19.86	1.2
Mrf=-5.35 0.75 Mtf= 0.71 0.48							ARE	31.62	151	eP	45	07.00	2.6	ORV	41.55	318	ePd	46	29.00	1.2
Principal Axes:							LDN	31.83	8	P	45	04.55	-1.1	LTCM	42.30	319	(P)	46	34.82	0.8
T Val= 11.26 Plg=56 Azm= 56							ELF	31.96	8	P	45	05.55	-1.3	LBFM	42.78	320	eP	46	39.02	0.8
N 0.48 19 295							TYNO	32.07	10	P	45	08.34	0.5				ePcP	48	31.42	
P -11.73 27 194							STCO	32.30	10	P	45	10.44	0.7				ePcP	48	31.42	
Best Double Couple: Mo=1.1*10**17							ACTO	32.54	9	P	45	12.53	0.6	JAO	43.13	10	ePc	46	39.30	-1.4
NP1: Strike=246 Dip=25 Slip= 38							GOL	32.58	333	eP	45	11.03	-0.7	SES	43.62	338	ePc	46	43.80	-0.9
NP2: 120 75 110								0.9s	32.29nm			5.2mb					pP	46	53.00	31kmX
							Z	22s	2.41um			4.9msz	VGB	44.59	326	eP	46	52.81	0.2	
TPX	6.32	303	(P)	40	15.00	-0.1			ePcP	48	00.37		DPW	44.81	330	ePc	46	53.21	-1.2	
SCX	-7.71	313	(P)	40	42.00	7.5X			eScP	51	47.75					ePcP	48	36.68		
PBJ	9.70	302	(P)	40	58.00	-4.2X	WLVO	33.14	11	P	45	17.68	0.7	SHW	45.81	326	eP	47	15.98	13.5X
OXX	11.11	301	(P)	41	21.00	-0.7	ZOBO	33.20	146	Pc	45	18.00	-0.6	LON	45.93	327	eP	47	03.87	0.7
IISM	12.64	307	(P)	41	40.50	-1.6		Z	22s	1.77um			4.7msz				ePcP	48	40.03	
IIT	13.40	305	(P)	41	53.00	0.6				S	50	44.00					eP	47	05.28	-1.4
ACX	13.75	294	(P)	41	57.50	0.8				LR	56	32.00		RMW	46.37	327	eP	47	07.40	-0.6
TPM	13.98	304	(P)	41	59.00	-1.0	LPB	33.41	146	P	45	22.00	1.8				ePcP	48	43.84	
III	14.03	301	(P)	42	01.00	0.4		Z	18s	4.54um			5.2msz	BAO	46.92	124	e(P)	47	12.00	0.5
BMG	14.23	107	eP	42	11.00	7.8X				S	50	44.00					e	47	26.00	53kmX
UNM	14.26	305	(P)	42	00.00	-3.7X				LR	57	06.00					e	47	39.00	
BOG	14.32	117	eP	42	10.00	5.4X	GLA	33.49	314	eP	45	20.38	0.1				e	47	46.00	
			eS	45	12.00					ePcP	48	02.02					e	49	07.00	
MRX	16.09	302	(P)	42	28.50	1.3				ScP	51	49.23					e	49	16.00	
SDV	16.12	98	eP	42	30.40	2.6	HRV	33.65	21	P	45	30.00	8.5X	GMW	46.94	327	eP	47	09.32	-1.9
COLM	17.99	297	(P)	42	59.00	7.8X	Z	19s	5.64um			5.3msz					ePcP	48	44.45	
CGX	18.00	299	(P)	42	54.00	2.6	HRV	33.65	21	P+	45	23.79	2.3	BDF	47.01	124	Pd	47	12.20	0.0
AGX	18.08	307	(P)	42	45.00	-7.1X		Z	19s	5.64um			5.3msz				e	47	26.10	52kmX
CAR	19.53	91	iP	43	10.00	0.2				S	51	13.17					e	47	30.10	
			eS	46	52.00					LR	57	06.00								

YKA	54.71	345 eP	48 08.10	-1.8	BSF	83.99	43 eP	51 08.40	-1.9	WB2	139.59	253 iPKPc	58 07.20	-1.5
	0.9s	12.90nm		5.0mb		1.1s	9.30nm		4.9mb		0.7s	4.30nm		
SIT	58.65	331 P	48 50.00	12.1X	CDF	84.21	42 eP	51 09.60	-1.7				58 13.90	
Z	21s	1.28um		5.0Msz	LPL	84.37	45 eP	51 11.40	-1.0	GKN	139.89	12 PKP	58 02.96	-6.3X
BALM	63.73	333 eP	49 12.27	-0.2	LPG	84.39	45 eP	51 11.70	-0.9	GYA	140.09	341 PKP	58 10.00	0.4
KLU	65.49	333 ePd	49 23.35	-0.5	SBF	85.18	46 eP	51 14.90	-1.4	Z	20s	0.75um		5.4Msz
PMR	66.97	333 eP	49 31.29	-1.8		1.2s	21.70nm		5.2mb	GUN	140.21	10 PKP	58 03.74	-6.4X
	1.5s	41.49nm		5.3mb	SMY	86.41	323 eP	51 21.68	-0.4	KKN	140.22	11 PKP	58 03.30	-6.6X
Z	19s	1.65um		5.3Msz		0.9s	74.31nm		5.9mb	DMN	140.37	11 PKP	58 03.74	-6.5X
MBC	67.07	352 eP	49 31.50	-2.0	GRF	86.48	40 ePc	51 21.60	-0.9	PKI	140.46	11 PKP	58 03.76	-6.8X
	1.0s	29.00nm		5.3mb	MOX	86.50	39 eP	51 21.40	-1.2	KMI	142.45	346 ePKP	58 10.60	-3.4X
SLKM	67.12	331 ePd	49 32.75	-1.4		1.5s	14.00nm		5.0mb	Z	20s	1.00um		5.6Msz
FBA	67.57	336 iPc	49 34.78	-2.1	Z	20s	2.00um		5.5Msz	AAI	144.49	280 ePKP	58 17.00	-0.5
	1.7s	43.63nm		5.3mb	E	20s	1.30um		eS	POO	144.60	33 ePKP	57 58.50	-19.0X
CRP	68.25	332 eP	49 39.29	-2.1				01 57.00		QIZ	145.53	331 PKPc	58 19.90	0.8
CPKM	68.28	332 eP	49 50.02	8.4X	CLL	87.19	38 iPc	51 24.30	-1.6	MNI	146.03	290 ePKPc	58 22.00	1.9
REF	68.29	331 eP	49 40.09	-1.6		1.6s	16.00nm		5.0mb	HYB	147.85	27 ePKPd	58 24.00	1.1
HON	68.53	288 P	49 50.00	6.4X	Z	18s	1.00um		5.3Msz		1.0s	50.00nm		
Z	19s	0.93um		5.0Msz				51 56.40	124kmX	CHG	149.38	349 ePKP	58 26.00	0.7
SVW	69.83	331 ePc	49 48.83	-2.1	BRG	87.87	39 eP	51 28.50	-0.7	LOE	150.09	343 iPKPd	58 28.10	1.8
	0.7s	10.22nm		5.0mb			e	52 02.60	133kmX	MUN	150.57	223 ePKP	58 31.00	4.3X
TTA	70.43	333 eP	49 52.79	-1.8	KHC	88.11	40 Pc	51 29.00	-1.4	GBA	150.59	33 PKP	58 28.50	1.4
	1.2s	17.34nm		5.0mb		1.0s	3.50nm		4.6mb	TSM	150.88	301 ePKP	58 28.00	0.4
SDN	71.37	325 P	50 10.00	9.7X	Z	16s	3.70um		5.9MszX	BDT	150.90	349 ePKP	58 28.00	0.5
Z	20s	0.79um		5.0Msz	N	16s	0.80um				0.8s	140.20nm		
DAG	73.93	13 eP	50 13.00	-2.0	E	16s	3.30um		e	KKM	151.24	306 ePKPd	58 37.60	9.3X
	0.9s	21.01nm		5.1mb				51 55.00	97kmX		1.0s	91.40nm		
EKA	77.04	36 P	50 32.00	-1.1				02 10.00		NST	152.17	346 ePKP	58 32.50	3.1X
	1.0s	14.00nm		4.9mb	GEC2	88.26	41 ePd	51 30.10	-1.2	SNG	160.06	338 ePKP	58 38.80	-0.7
MAL	77.17	55 iPc	50 34.00	-0.2		1.6s	5.59nm		4.6mb	IPM	162.25	334 ePKPd	58 43.30	1.5
TOL	77.21	52 eP	50 31.50	-2.9	</									

13d 10h

T	Vol=	2.68	Plg=58	Azm= 35	TYNO	31.95	10 P	59	59.39	1.0	SES	43.55	338 ePc	01	35.00	-0.8	
N	-0.28		5	298	STCO	32.18	10 P	00	01.49	1.1			pP	01	45.00	34km	
P	-2.40		31	205	ACTO	32.43	9 P	00	03.50	1.0	NEW	44.51	331 eP	01	41.59	-2.0	
Best Double Couple: Mo=2.5*10**17					GOL	32.52	333 eP	00	03.60	-0.1		1.2s	32.58nm			5.1mb	
NP1: Strike=280 Dip=14 Slip= 71						0.9s	40.27nm			5.3mb			ePcP	03	26.10		
NP2: 119 76 95					Z	22s	4.06um			5.1msz	VGB	44.55	326 eP	01	44.07	0.2	
TPX	6.33	302 (P)	55	05.50	-1.0		ePcP	02	51.79		DPW	44.75	330 eP	01	43.89	-1.7	
SCX	7.69	312 (P)	55	34.00	8.3X	WLVO	33.02	11 P	00	08.68	1.1		iPcP	03	27.91		
PBJ	9.71	301 (P)	55	49.00	-4.7X	ZOBO	33.24	146 P	00	10.10	-0.5	SHW	45.77	326 eP	01	53.46	-0.3
OXX	11.13	301 (P)	56	12.50	-0.8	LPB	33.46	146 eP	00	13.00	0.8	LON	45.88	327 ePd	01	53.59	-0.9
STH	11.55	55 iPc	56	26.20	7.3X	GLA	33.47	314 ePd	00	12.85	1.1	RMW	46.32	327 eP	01	56.55	-1.4
YHJ	11.71	56 iPd	56	20.00	-1.0		iPcP	02	54.73		BMW	46.49	325 ePc	01	58.57	-0.7	
IISM	12.64	307 (P)	56	32.00	-1.5	HRV	33.52	20 P	00	20.00	8.0X		iPcP	03	32.40		
IIT	13.40	305 (P)	56	43.50	-0.3	Z	19s	8.20um			5.5msz	GMW	46.90	327 ePd	02	00.74	-1.7
ACX	13.78	294 (P)	56	47.50	-1.0	CNCB	33.75	146 P	00	15.10	0.2		ePcP	03	35.74		
TPM	13.99	303 (P)	56	51.00	-0.5	RSNY	34.48	15 ePc	00	21.15	0.8	BAO	46.91	124 Pd	02	02.90	-0.2
III	14.04	300 (P)	56	52.50	0.3		0.8s	74.28nm			5.7mb		e	02	32.00		
UNM	14.27	304 (P)	56	56.00	0.8	Z	18s	9.27um			5.6msz	BDF	47.00	124 e(P)	02	05.00	1.2
BOG	14.30	118 eP	57	08.00	12.2X	SRU	34.63	326 ePc	00	21.29	-0.6		e	02	07.00		
		eS	00	10.00			ePcP	03	05.88			e	02	21.00			
SDV	16.06	98 eP	57	23.10	4.7X		eScP	06	43.06			e	02	37.70			
MRX	16.10	302 (P)	57	19.50	0.7	PLM	35.07	313 ePd	00	27.13	1.4		e	03	07.00		
TOV	16.73	95 eP	57	32.00	5.1X		ePcP	02	59.31		FCC	47.41	355 eP	02	08.50	2.2	
COLM	18.01	297 (P)	57	46.50	3.6X	MSU	35.13	324 eP	00	26.39	0.1	JFO	53.94	128 (P)	02	53.00	-3.5X
CGX	18.02	299 (P)	57	44.50	1.4		ePcP	02	58.69		YKA	54.63	345 eP	03	00.00	-1.0	
AGX	18.08	306 (P)	57	47.00	3.4X		eScP	06	47.43			0.8s	13.20nm			5.0mb	
MGP	20.02	69 P	58	20.00	13.7X	CCH	35.24	144 eP	00	27.00	-0.4	BALM	63.67	333 ePc	04	02.76	-0.9
LRS	20.32	68 P	58	12.00	2.5	EMUT	35.29	327 ePc	00	27.37	-0.2	KLU	65.43	333 ePc	04	14.07	-1.0
PORP	20.44	69 P	58	13.50	2.7		iPcP	02	57.82		PMR	66.91	333 eP	04	22.35	-2.0	
APR	20.47	68 P	58	14.80	3.8X	ARUT	35.40	322 ePc	00	28.52	0.1		1.2s	23.26nm			5.2mb
CLLP	20.51	69 P	58	13.50	2.1	BNH	35.48	19 ePd	00	30.01	1.2	Z	20s	2.61um			5.4msz
SJG	20.91	69 P	58	19.70	4.1X	EEO	35.54	9 ePd	00	32.80	3.5X	MBC	66.97	352 eP	04	23.00	-1.6
CPD	21.10	70 P	58	21.00	3.4X	PEC	35.56	314 iPd	00	30.74	1.0		1.0s	20.00nm			5.2mb
LPR	21.21	69 P	58	24.40	5.7X		1.0s	14.12nm			4.8mb	FBA	67.51	336 iPd	04	26.72	-1.4
HBF	22.03	14 eP	58	31.69	4.9X		iPcP	03	00.74			1.5s	26.12nm			5.1mb	
		e	58	41.01		RSSD	35.69	338 ePc	00	30.82	-0.1		ePP	06	45.09		
		e	58	56.14			0.7s	19.23nm			5.1mb	CRP	68.19	332 eP	04	31.08	-1.6
SGS	22.25	14 eP	58	33.93	5.0X	Z	22s	2.73um			5.0msz	REF	68.24	331 eP	04	29.11	-3.9X
PRM	22.75	9 eP	58	37.09	3.2X		iPcP	02	58.91		HON	68.57	288 P	04	40.00	4.5X	
JSC	23.14	12 eP	58	41.43	3.8X		eScP	06	47.52		Z	19s	0.93um			5.0msz	
PWLA	23.32	357 eP	58	40.44	1.0	DAU	35.96	327 ePd	00	33.45	0.1	SVW	69.78	331 ePc	04	40.41	-1.8
LHS	23.42	12 ePc	58	43.61	3.2X		esP	00	44.61			0.7s	11.07nm			5.1mb	
GBTN	24.08	5 iPc	58	49.40	2.6		ePcP	03	00.72		IMA	70.21	336 eP	04	43.63	-1.3	
OLY	24.20	351 iPc	58	48.00	0.1		eScP	06	48.44			1.8s	14.96nm			4.8mb	
		iPcP	02	29.01		SSK	36.11	314 ePd	00	35.52	1.0	TTA	70.37	333 eP	04	44.17	-1.7
LST	24.98	354 eP	58	56.50	1.1		ePcP	03	01.06			0.8s	5.40nm			4.7mb	
VVO	25.03	342 eP	58	56.60	0.7	TPNV	36.64	319 ePc	00	39.94	1.0	DAG	73.81	13 iPd	05	04.40	-1.6
CEH	25.17	15 eP	59	00.37	3.2X		0.8s	26.01nm			5.2mb		0.7s	17.12nm			5.2mb
	0.8s	152.42nm			5.7mb	Z	19s	8.87um			5.6msz	Z	17s	7.62um			6.1mszX
FNO	25.49	339 iPd	58	59.80	-0.5		ePcP	03	03.19			N	18s	2.20um			
TUL	25.58	343 iPd	59	00.80	-0.3	DUG	36.65	326 ePc	00	39.30	0.4	EKA	76.91	36 P	05	23.00	-1.0
	1.1s	198.40nm			5.6mb		0.9s	5.75nm			4.4mb		0.8s	10.20nm			4.9mb
Z	22s	6.26um			5.1msz		esP	00	50.90		GUD	76.94	51 eP	05	23.90	-0.8	
		e	59	04.00		BW06	36.88	332 ePc	00	39.70	-1.2	TOL	77.08	52 eP	05	40.00	14.7X
		e	59	12.50		EMM	36.93	23 eP	00	43.41	2.4	ETOR	78.52	50 eP	05	32.90	-0.4
		e	59	24.20		SIV	37.35	137 eP	00	46.00	1.1	LPF	78.61	43 eP	05	32.40	-1.1
		LR	11	30.00								0.8s	11.55nm			5.0mb	
SIO	25.58	342 eP	59	00.50	-0.6	ABL	37.52	313 iPd	00	47.85	1.5	GRR	78.71	43 eP	05	33.10	-1.0
ELC	25.69	355 ePc	59	02.00	-0.1		iPcP	03	07.06			0.7s	13.25nm			5.1mb	
BLA	26.14	11 iPd	59	09.67	3.3X	HVU	37.74	328 ePc	00	48.14	0.1	FLN	78.92	42 eP	05	34.20	-1.0
	1.0s	72.46nm			5.3mb		ePcP	03	05.02			0.8s	11.55nm			4.9mb	
NAV	26.17	11 iPd	59	09.07	2.4	TNP	37.92	319 eP	00	49.99	0.2	Z	22s	3.03um			5.6msz
FVM	26.50	353 eP	59	09.51	-0.1		1.1s	28.64nm			5.0mb	LDF	79.18	42 eP	05	35.60	-1.0
	0.8s	27.30nm			4.9mb	BCH	38.30	313 eP	00	54.04	1.2		0.7s	6.85nm			4.8mb
Z	19s	3.73um			4.9msz		ePcP	03	09.58		MFF	79.35	44 eP	05	36.60	-1.0	
CBN	27.80	16 eP	59	24.00	2.6	PTI	38.31	329 eP	00	53.30	0.4		0.8s	7.95nm			4.8mb
MCWV	28.62	11 eP	59	30.89	2.1	BONR	38.55	318 eP	00	56.00	0.9	EPF	80.07	48 eP	05	41.10	-0.5
	0.7s	109.72nm			5.7mb		ePcP	03	08.77		LFF	80.14	46 eP	05	41.10	-0.8	
Z	22s	6.68um			5.2msz	HHA1	38.63	330 eP	00	55.66	0.2		0.6s	4.25nm			4.6mb
ALO	29.37	326 eP	59	35.46	-0.5		ePcP	03	09.49		LPO	80.48	46 eP	05	42.90	-0.8	
	1.1s	47.89nm			5.2mb	PHAM	38.84	314 ePd	00	58.51	1.2		0.9s	8.70nm			4.8mb
Z	21s	2.41um			4.8msz		epP	01	06.39	27km	LSF	80.54	45 eP	05	42.70	-1.3	
		ePcP	02	43.50		LMN	38.92	25 eP	01	10.33		RJF	80.64	46 eP	05	43.60	-1.0
		eScP	06	27.82			0.8s	3.75nm			4.5mb		0.8s	3.75nm			4.5mb
TUC	30.26	317 eP	59	43.66	-0.1	KVN	39.05	320 eP	00	59.48	0.3	Z	19s	2.13um			5.5msz
	1.1s	40.76nm			5.2mb		epP	01	06.34	23km		LIC	80.66	86 P	05	44.20	-1.0
Z	20s	7.56um			5.3msz		esP	01	11.40		KIC	80.92	85 P	05	45.60	-1.0	
		ePcP	02	43.75		CMB	39.97	317 ePd	01	06.54	-0.1	ADK	80.97	321 ePd	05	46.27	0.2
LVNJ	30.96	18 ePd	59	52.04	2.4	LCCM	40.30	333 ePc	01	09.20	-0.2		0.8s	76.72nm			5.8mb
GMTN	31.20	19 iP	59	53.50	1.7		ePcP	03	14.20		TCF	81.00	45 eP	05	45.20	-1.3	
PNJ	31.23	19 iP	59	55.60	3.6X		e	07	05.10			0.6s	2.80nm			4.5mb	
TBR	31.43	18 ePc	59	56.02	2.2	ARN	40.39	315 eP	01	10.21	0.1	CAF	81.07	46 eP	05	45.30	-1.6
DLA	31.48	7 P	59	54.15	-0.1	ORV	41.52	318 eP	01	20.14	0.9	MAF	81.26	45 eP	05	46.60	-1.2
ARE	31.67	151 eP	59	58.00	1.5	LTCM	42.27	319 (P)	01	24.44	-1.0		0.7s	2.20nm			4.3mb
LDN	31.71	8 P	59	56.00	-0.2	LBFM	42.74	320 ePd	01	30.96	1.4	BGF	81.40	44 eP	05	47.30	-1.2
ELF	31.84	8 P	59	57.00	-0.4	JAO	43.02	10 eP	01	30.00	-1.3		0.7s	5.20nm			4.7mb

13d 11h

AVF	81.72	44	eP	05 48.50	-1.6	WARB	145.38	240	ePKP	13 08.50	-1.9	PTE	1.88	178	eP	44 31.66	-0.3
SSF	81.78	44	eP	05 48.90	-1.6	QIZ	145.48	332	PKPc	13 10.50	-0.2	NCG	1.94	228	eP	44 32.92	0.0
	0.8s		3.65nm		4.5mb	HY8	147.72	27	ePKP	13 14.50	0.1	HDA	1.95	30	iPd	44 32.20	-0.8
LOR	81.99	43	eP	05 50.30	-1.3	COOL	147.85	229	ePKP	13 15.00	0.7				eS	44 55.58	
	0.9s		4.60nm		4.5mb	CHG	149.29	349	ePKPc	13 17.00	0.2	CGLM	1.96	224	ePd	44 32.99	-0.2
Z	22s		2.40um		5.5Msz		1.5s	270.83nm				KLU	1.97	128	iPd	44 32.59	-0.7
SMF	82.07	44	eP	05 51.30	-0.7	LOE	150.01	344	iPKPd	13 19.20	1.3	CCB	2.01	17	iPd	44 32.79	-1.0
LBF	82.11	44	eP	05 51.10	-1.2	G8A	150.45	33	PKP	13 19.30	0.7				eS	44 58.15	
HAU	83.54	42	eP	05 58.40	-1.2	MUN	150.70	223	ePKP	13 19.00	0.4	CRP	2.04	225	eP	44 34.62	0.3
Z	21s		2.17um		5.5Msz	BDT	150.81	349	ePKP	13 20.00	0.9	DJE	2.04	49	eP	44 33.81	-0.4
BSF	83.86	43	eP	06 00.00	-1.3		0.8s	150.60nm				CPKM	2.07	226	eP	44 34.71	-0.1
CDF	84.07	42	eP	06 01.20	-1.2	TSM	150.89	301	ePKP	13 20.00	0.6	SPU	2.07	223	ePd	44 34.57	-0.1
	0.6s		2.25nm		4.6mb	BAL	151.19	225	ePKP	13 22.00	2.6	CKN	2.08	225	eP	44 34.94	0.1
LPL	84.24	45	eP	06 02.30	-1.1	KKM	151.24	306	ePKPd	13 23.00	3.0X	VZW	2.09	142	ePd	44 33.90	-1.0
	0.7s		2.55nm		4.5mb	NST	152.08	346	ePKP	13 23.50	2.5	VLZ	2.09	139	iPd	44 33.76	-1.1
LPG	84.26	45	eP	06 02.60	-1.0	IPM	162.19	334	ePKPc	13 35.60	2.2	GLI	2.10	151	iPd	44 34.08	-1.0
SBF	85.04	46	eP	06 05.70	-1.6	KGM	163.20	323	ePKP	13 37.00	2.6				eS	45 00.49	
HFS	85.18	30	eP	06 05.30	-2.2		S.D. = 1.2	on 172 of 211 obs.				BGL	2.12	227	eP	44 36.01	0.6
	1.3s		20.30nm		5.2mb							CKL	2.15	226	ePc	44 35.84	0.0
Z	17s		1.42um		5.4MszX	? SEP 13, 1992	11h 00m	12.58± 0.85s				BKG	2.22	223	eP	44 36.80	0.0
		LR	36 36.00			11.530 S ± 8.0km	118.722 E ± 13.1km					NKA	2.23	207	eP	44 40.30	3.5
GRF	86.34	40	eP	06 12.60	-1.0		DEPTH = 33.0km (normal)					MPA	2.25	182	eP	44 36.94	-0.2
PGF	86.43	47	eP	06 13.10	-1.2		3.6mb (1 obs.)					FBA	2.26	15	P	44 36.40	-0.8
	0.7s		6.70nm		5.0mb										S	45 02.40	
CLL	87.05	38	eP	06 06.00	-10.9X		SOUTH OF SUMBAWA, INDONESIA	(291)				SLKM	2.29	193	eP	44 37.91	0.2
BRG	87.74	39	eP	06 19.50	-0.8	WSI	2.40	40	ePd	00 49.90	-0.6	FID	2.37	146	ePd	44 37.64	-1.1
			e	10 01.00					00 58.00		GLM	2.40	18	iPd	44 38.15	-1.1	
KHC	87.97	40	P	06 21.00	-0.5	KHKI	4.39	315	eP	01 19.00	0.3	DOT	2.49	66	eP	44 40.23	-0.3
GEC2	88.13	41	ePd	06 20.90	-1.4				eS	02 05.40					eS	45 12.91	
	0.7s		1.10nm		4.3mb				e	03 37.90		KNIM	2.49	163	eP	44 39.16	-1.3
			e	06 27.60		MBL	9.63	174	eP	02 31.00	-1.1	SEW	2.64	183	ePc	44 42.91	0.4
			e	06 48.10			0.3s	2.00nm		4.9mb X		RDT	2.66	217	eP	44 43.12	0.2
LJU	89.43	43	e(P)	06 28.00	-0.5				eS	04 10.00		HIN	2.67	150	iPd	44 41.51	-1.5
MLR	97.11	41	eP	06 46.50	-17.4X	NANU	11.39	195	eP	02 55.00	-1.0	DFR	2.73	220	eP	44 44.18	0.3
VRJ	97.45	40	eP	06 46.50	-18.8X				eS	04 54.00		RDN	2.81	219	eP	44 44.96	-0.1
MDJ	115.11	332	Pdiff	08 20.00	-4.0X	MEEK	15.03	180	eP	03 44.00	-0.3	REF	2.81	218	ePc	44 45.01	-0.2
Z	20s		1.23um		5.5Msz				eS	06 17.00		NCT	2.82	221	eP	44 45.38	0.1
		PP	13 14.00			MRWA	17.78	188	eP	04 21.00	1.7	GLB	2.83	115	ePd	44 44.47	-0.9
BLF	115.49	117	e(PKP)	12 08.20	-6.4X				eS	07 23.00					eS	45 19.77	
MAT	116.13	321	ePKP	12 16.00	0.6	ASPA	18.82	132	eP	04 33.10	1.0	MTU	2.85	165	eP	44 45.62	0.1
Z	21s		1.08um		5.4Msz		1.3s	5.20nm		3.6mb		RDW	2.85	219	eP	44 45.67	0.0
SLR	117.37	113	ePKP	12 06.50	-11.7X		S.D. = 1.3	on 7 of 7 obs.				RS2	2.85	219	eP	44 45.73	0.0
Z	20s		2.48um		5.8Msz							RSO	2.85	219	eP	44 46.25	0.5
BUL	117.53	107	iPKPc	12 19.20	0.5							RS1	2.85	219	eP	44 45.78	0.0
	0.7s		6.85nm			& SEP 13, 1992	11h 44m	01.46s				SGAM	2.93	138	ePd	44 44.61	-2.0
JOZ	120.73	115	e(PKP)	12 22.00	-2.4		62.733 N	149.166 W				TTA	3.15	277	P	44 48.70	-1.0
BJI	124.42	339	ePKP	12 31.50	0.4		DEPTH = 68.7km					RAGM	3.19	136	eP	44 48.44	-1.8
WMO	124.63	5	PKP	12 31.60	0.1		CENTRAL ALASKA					PRP	3.22	28	ePd	44 49.81	-1.0
HHC	125.16	343	PKPc	12 34.00	1.4		<AEIC>. ML 3.5 (AEIC), 3.5					HMT	3.36	133	ePc	44 50.85	-1.8
BTO	125.82	344	ePKP	12 35.00	1.0		(PMR).					CNPM	3.37	198	ePc	44 52.45	-0.4
TIA	127.41	336	ePKP	12 37.60	0.6	HUR	0.33	319	iPd	44 12.73	-0.1	SVW	3.46	245	P	44 53.20	-0.9
Z	21s		1.49um		5.6Msz				eS	44 21.41		CROM	3.49	122	eP	44 52.96	-1.6
N	18s		1.75um			CUT	0.61	238	iPc	44 15.32	-0.1	MID	3.59	156	P	44 55.50	-0.3
TIY	127.78	341	PKPd	12 39.10	1.3				eS	44 25.65		TGL	3.61	121	eP	44 54.39	-1.8
Z	21s		1.79um		5.7Msz	RND	0.69	12	iPd	44 16.15	-0.3	KAIM	3.63	139	eP	44 54.08	-2.3
N	17s		1.29um			TRF	0.88	325	iPd	44 18.67	-0.2	BALM	3.65	115	iPd	44 55.17	-1.7
GTA	128.91	353	PKP	12 40.00	0.1	GHO	0.97	173	ePc	44 19.72	-0.2	WAX	3.79	124	eP	44 55.18	-3.5
Z	18s		1.43um		5.7Msz				eS	44 34.36		IMA	3.88	332	P	44 59.00	-1.0
E	15s		1.19um			SML	1.01	157	iPc	44 20.01	-0.3	AUE	3.95	213	eP	45 00.73	-0.2
SSE	129.82	328	PKPc	12 42.00	0.3				eS	44 35.04		AUH	3.97	213	eP	45 01.39	0.2
NJ2	130.18	331	PKPd	12 43.00	0.6	MCK	1.01	6	iPd	44 20.17	-0.1	AUW	3.97	214	eP	45 01.11	-0.1
STK	131.24	238	ePKP	12 48.60	4.2X				eS	44 35.05		SNH	3.97	127	eP	44 59.61	-1.7
	0.7s		3.60nm			PWA	1.14	197	P	44 22.00	0.1	AUI	3.99	213	eP	45 01.52	0.1
LZH	131.55	349	PKPc	12 46.50	1.4				S	44 36.50		CTGM	4.11	112	ePd	45 02.04	-1.3
Z	22s		1.17um		5.5Msz	PLRM	1.15	179	iPc	44 21.92	-0.1	FYU	4.20	22	eP	45 03.16	-1.3
N	16s		0.96um						eS	44 38.90		YAH	4.27	120	ePd	45 01.78	-3.9
XAN	132.26	342	PKP	12 47.00	0.7	KTH	1.15	317	iPd	44 22.12	0.0	WRG	4.37	125	ePd	45 04.58	-2.3
Z	24s		1.60um		5.6MszX				eS	44 37.86		CDD	4.40	212	eP	45 06.32	-1.0
		PP	15 14.00			SCM	1.25	136	iPc	44 23.22	-0.2	PCA	5.03	118	eP	45 13.51	-2.6
WHN	133.47	335	ePKP	12 49.00	0.4				eS	44 40.62		BCPM	5.37	117	eP	45 18.10	-2.7
N	18s		1.22um			SKT	1.34	237	iPd	44 24.57	0.0	PNL	5.63	119	eP	45 21.63	-2.9
E	20s		1.28um						eS	44 42.17			88 obs. associated				
		PP	15 16.00			KNK	1.37	166	iPd	44 25.18	0.2		SEP 13, 1992	11h 46m	20.11± 0.13s		
		PKS	16 24.00						eS	44 43.91			36.708 N ± 1.2km	116.304 W ± 1.1km			
CD2	136.57	347	ePKP	12 55.50	0.9	SUA	1.47	211	ePc	44 26.99	0.4		DEPTH = 5.0km (geophysicist)				
ASPA	139.60	247	ePKP	12 59.60	-0.8				eS	44 47.03			4.0mb (1 obs.)				
	0.6s		11.00nm			PMS	1.51	187	P	44 26.80	-0.1		CALIFORNIA-NEVADA BORDER REGION (40)				
WB2	139.69	253	ePKP	12 50.10	-10.5X	TOA	1.53	113	P	44 28.00	0.7		ML 4.1 (GS), 4.4 (BRK). Felt				
	0.7s		2.30nm			SDG	1.69	95	iPd	44 30.00	0.6		(IV) at Amargosa Valley, Beatty				
GYA	140.01	341	PKP	12 55.00	-6.2X				eS	44 51.19			and Pohrump, Nevada.				
Z	24s		1.25um		5.6MszX	THY	1.70	65	eP	44 30.13	0.6	LSM	0.04	38	iPd	46 22.48	0.9
KMI	142.37	346	ePKP	13 05.00	-0.6	PAX	1.71	80	eP	44 29.93	0.1	SDH	0.07	204	iPd	46 22.99	1.1
KMI	142.37	346	PKP-	13 06.50	0.9				eS	44 51.39		YMT3	0.12	312	iPc	46 23.34	0.7
	2.0s		40.00nm			WRH	1.81	15	iPd	44 30.16	-0.9	CDH1	0.15	356	iPc	46 23.76	0.4
Z	18s		1.00um		5.6Msz	DDM	1.83	53	eP	44 32.61	1.2	YMT2	0.17	298	iPc	46 24.28	0.7
		ePP	16 44.50			NEA	1.85	1	ePd	44 30.57	-1.0						
POO	144.46	33	iPKPc	12 50.50	-18.5X	TZL	1.88	110	ePd	44 32.64	0.7						

			iPg	47	56.73							
			eS	49	02.38							
EMUT	5.32	53	ePn	47	45.24	2.9X						
			ePg	48	00.57							
			eS	49	09.40							
DAU	5.42	45	ePn	47	45.56	1.7						
			ePg	48	04.80							
NWRM	5.51	290	ePg	47	58.47	13.6X						
			eS	49	18.56							
MIN	5.52	313	eP	47	44.62	-0.5						
LTCM	5.75	309	ePg	48	10.07	21.9X						
HVU	5.76	27	ePn	47	48.86	0.4						
			ePg	48	07.62							
			eS	49	21.32							
TUC	6.32	132	ePn	47	55.75	-0.7						
			eS	49	39.47							
LBFM	6.35	319	ePn	47	57.74	0.8						
			eS	49	41.59							
HHA I	7.23	23	ePn	48	10.69	1.5						
ALO	8.19	100	ePn	48	22.86	0.2						
			ePg	48	51.91							
GOL	9.11	68	ePn	48	35.12	-0.4						
			ePg	49	09.63							
LCCM	9.71	19	eP	48	46.90	3.3X						
RSSD	11.92	48	eP	49	13.87	0.0						
SES	14.20	14	eP	49	50.00	6.1X						
ULM	19.99	41	ePc	50	57.30	1.2						
FVM	20.60	79	(P)	51	03.29	0.7						
	0.9s	6.78nm				4.0mb						
MBC	39.65	359	eP	53	53.50	-0.5						
	S.D. = 0.6	on	84	of	90	obs.						
<hr/>												
& SEP 13, 1992 13h 33m 49.91s												
33.893 N 116.285 W												
DEPTH = 8.3km												
SOUTHERN CALIFORNIA (43)												
<PAS-P>. ML 3.3 (PAS).												
PLM	0.72	222	iPd	34	03.39	-1.0						
			S	34	12.70							
PEC	0.73	270	iPc	34	03.36	-1.1						
SSK	1.21	286	eP	34	11.97	-0.8						
			S	34	28.46							
GLA	1.48	124	ePn	34	13.78	-3.1						
ABL	2.61	292	ePn	34	29.03	-4.2						
	5 obs. associated											
<hr/>												
& SEP 13, 1992 14h 00m 55.00s												
36.822 N 121.573 W												
DEPTH = 7.0km												
CENTRAL CALIFORNIA (39)												
<BRK>. ML 2.8 (BRK).												
SAO	0.12	119	iPd	00	57.27	-0.4						
GCC	0.40	302	eP	01	02.66	-0.4						
PRS	0.52	161	ePd	01	04.94	-0.4						
MHC	0.52	354	iPc	01	05.69	0.2						
			iS	01	13.57							
ARN	0.53	3	ePd	01	05.68	0.1						
			eS	01	13.69							
LLA	0.55	112	eP	01	05.80	-0.2						
			eS	01	14.14							
PCC	0.94	317	eP	01	12.14	-1.0						
			eS	01	27.06							
PRI	1.00	133	ePd	01	14.20	-0.1						
			eS	01	31.43							
BKS	1.18	334	eP	01	15.65	-1.6						
			eS	01	35.17							
ZSP	1.25	334	eP	01	19.24	0.8						
			eS	01	37.11							
PHAM	1.37	136	eP	01	18							

PRM	23.45	10	eP	24	13.59	0.6						
UYO	24.05	345	iPd	24	18.00	-0.8						
GBTN	24.76	6	eP	24	25.23	-0.4						
VVO	25.49	344	eP	24	32.30	-0.3						
CEH	25.90	15	eP	24	36.45	0.1						
	0.8s	10.33nm				4.5mb						
SIO	26.04	343	eP	24	37.80	0.1						
TUL	26.05	344	eP	24	37.60	-0.2						
	0.7s	24.80nm				4.9mb						
PV10	33.58	328	(P)	25	45.00	-0.2						
RSSD	36.12	339	eP	26	08.16	1.4						
	0.8s	3.03nm				4.3mb						
EEO	36.24	9	ePc	26	09.40	1.9						
BW06	37.22	332	eP	26	15.80	-0.3						
	1.0s	2.67nm				4.1mb						
ULM	39.84	351	eP	26	37.50	-0.1						
JAQ	43.72	10	eP	27	07.00	-2.3						
	S.D. = 1.1 on 13 of 13 obs.											
* SEP 13, 1992 16h 19m 13.82± 0.62s												
12.195 N ± 9.4km 87.738 W ± 8.7km												
DEPTH = 33.0km (normal)												
4.7mb (10 obs.)												
NEAR COAST OF NICARAGUA (74)												
TPX	5.16	302	(P)	20	40.00	9.2X						
PBJ	8.54	300	(P)	21	16.50	-1.8						
OXX	9.96	300	(P)	21	31.50	-6.5X						
IISM	11.48	307	(P)	22	08.00	9.5X						
IIT	12.23	305	(P)	22	23.00	14.0X						
ACX	12.62	293	(P)	22	18.00	4.1X						
TPM	12.82	303	(P)	22	18.50	1.7						
III	12.87	300	(P)	22	19.50	2.0						
MRX	14.93	302	(P)	22	49.50	5.2X						
COLM	16.85	296	(P)	23	18.50	9.5X						
PRM	22.33	12	eP	24	10.24	0.0						
PWLA	22.68	359	eP	24	14.01	0.3						
UYO	22.71	345	iPc	24	15.00	1.0						
JSC	22.76	14	eP	24	14.84	0.4						
OLY	23.45	352	eP	24	20.87	-0.3						
GBTN	23.58	7	eP	24	22.59	0.1						
VVO	24.15	344	eP	24	29.70	1.7						
FKO	24.57	341	iPc	24	32.30	0.2						
FNO	24.57	341	iPc	24	31.80	-0.3						
SIO	24.69	343	eP	24	29.80	-3.4X						
TUL	24.71	344	eP	24	32.90	-0.4						
	1.1s	21.40nm				4.6mb						
Z	20s	0.36um				3.9Msz						
		i	24	35.30								
		S	29	30.00								
		LR	32	36.00								
CEH	24.85	17	eP	24	34.22	-0.5						
	0.8s	23.37nm				4.8mb						
ELC	25.02	357	eP	24	35.12	-1.2						
ALO	28.31	326	eP	25	07.77	1.0						
	1.2s	8.99nm				4.3mb						
TUC	29.13	317	eP	25	12.80	-1.3						
	0.9s	4.67nm				4.2mb						
GOL	31.52	333	eP	25	34.24	-1.2						
	1.0s	13.26nm				4.7mb						
SRU	33.57	327	eP	25	52.00	-1.2						
MSU	34.06	325	(P)	25	56.77	-0.7						
		ePcP	28	35.05								
RSNY	34.17	17	eP	25	56.15	-2.0						
	1.0s	18.33nm				5.0mb						
		e	26	06.82								
EMUT	34.24	328	eP	25	58.75	-0.3						
ARUT	34.30	322	(P)	26	00.60	1.0						
ZOBO	34.31	145	eP	25	58.00	-2.3						
	Z	2										

ORV 40.40 318 (P) 26 49.27 -1.3
 LBFM 41.64 320 (P) 27 01.83 0.9
 JAO 42.59 11 ePc 27 05.00 -3.3X
 SES 42.61 338 eP 27 08.00 -0.6
 NEW 43.49 332 eP 27 15.50 -0.3
 1.0s 13.00nm 4.6mb
 DPW 43.73 330 (P) 27 17.45 -0.3
 ePcP 29 01.37
 LON 44.82 327 eP 27 26.69 0.1
 GMW 45.84 327 eP 27 33.58 -1.0
 BAO 48.08 124 e(P) 27 44.00 -8.8X
 CHG 148.49 348 ePKPc 38 56.40 0.5
 1.3s 22.12nm
 BDT 150.00 347 ePKP 39 01.00 2.8
 GBA 150.45 30 PKP 39 00.50 1.5
 S.D. = 1.2 on 45 of 55 obs.

? SEP 13, 1992 16h 35m 17.58±2.70s
 32.541 S ±23.6km 70.231 W ±26.8km
 DEPTH = 100.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

JACH 0.34 245 iP+ 35 32.75 0.1
 iS 35 44.89
 PEL 0.71 212 iPd 35 35.59 0.2
 iS 35 49.40
 ROCH 0.79 237 iP+ 35 36.45 0.1
 iS 35 51.20
 FCH 0.79 184 eP 35 36.74 0.3
 iS 35 52.12
 SAN 0.98 202 (P) 35 35.19 -2.9
 iS 35 54.77
 PCH 1.10 192 eP 35 39.85 0.3
 iS 35 57.71
 TACH 1.26 208 iP 35 42.06 0.8
 iS 36 00.30
 CHCH 1.43 194 iPd 35 43.73 0.3
 iS 36 04.13
 LCCH 1.46 230 eP 35 44.20 0.5
 CACH 1.60 191 iP+ 35 46.42 0.8
 iS 36 09.70
 LNV 1.72 215 iP+ 35 46.49 -0.5
 iS 36 08.59
 S.D. = 1.1 on 11 of 11 obs.

SEP 13, 1992 17h 20m 38.35±0.26s
 42.037 N ±3.9km 142.560 E ±4.3km
 DEPTH = 67.8km (5 depth phases)
 4.5mb (18 obs.)
 HOKKAIDO, JAPAN REGION (224)

HOOJ 0.64 57 iP+ 20 52.90 0.3
 eS 21 03.40
 MRRJ 1.17 290 iPd 20 59.00 -0.2
 eS 21 14.70
 SAP 1.37 319 iP 21 02.10 0.3
 iS 21 19.40
 KUSJ 1.91 56 iPd 21 09.20 -0.1
 eS 21 32.10
 ASAJ 2.08 2 iPd 21 12.60 1.0
 AOMJ 2.21 229 eP 21 14.00 0.5
 eS 21 40.30
 OFUJ 3.03 193 eP 21 24.10 -0.8
 eS 21 58.80
 SHO 3.61 58 eP 21 31.00 -2.0
 0.3s 230.00nm
 eS 22 11.00
 YAMJ 4.32 207 eP 21 43.20 0.2
 YSS 4.98 1 iPc 21 52.30 0.0
 1.0s 60.00nm
 KUR 5.00 49 iPc 21 53.00 0.4
 0.5s 150.00nm 5.5mb
 eS 22 51.50
 NIJ 5.52 211 P 21 59.70 -0.2
 KAKJ 6.11 198 P 22 04.60 -3.5X
 S 23 12.20
 MAT 6.44 213 eP 22 13.00 0.3
 (S) 23 41.00
 MTMJ 6.57 216 P 22 15.10 0.5
 CHJJ 6.59 206 P 22 13.00 -1.8
 TSRJ 8.27 220 P 22 39.60 1.6
 MDJ 9.80 290 eP 22 58.30 -0.6
 CN2 12.67 284 P 23 38.60 1.3
 BJI 19.98 273 eP 25 03.50 -4.1X
 NJ2 21.33 250 Pd 25 21.00 -0.4
 YAK 21.43 343 eP 25 21.50 -0.7

1.5s 50.00nm 4.7mb
 BOD 23.91 321 eP 25 45.30 -1.2
 XAN 27.54 264 P 26 20.60 0.1
 ZAK 28.16 301 eP 26 23.00 -2.9
 1.4s 11.00nm 4.3mb
 GTA 32.26 280 eP 27 04.00 1.5
 WMO 39.59 292 P 28 05.00 0.4
 1.0s 9.80nm 4.7mb
 IMA 41.97 33 eP 28 23.26 -0.6
 0.6s 1.50nm 4.0mb
 eP 28 41.91 76km
 LSA 42.85 270 eP 28 33.70 1.8
 CHG 43.55 251 eP 28 37.90 0.7
 FBA 44.45 35 eP 28 43.14 -0.7
 0.9s 4.76nm 4.3mb
 eP 29 00.81 71km
 GUN 47.72 272 P 29 10.32 -0.3
 0.4s 47.00nm 5.8mb X
 KKN 48.23 272 P 29 13.80 -0.6
 PKI 48.25 272 P 29 13.88 -0.8
 DMN 48.46 272 P 29 15.80 -0.4
 GKN 48.59 273 P 29 16.50 -0.6
 KSH 49.35 291 P 29 23.50 0.8
 0.7s 20.00nm 5.3mb
 SVE 52.07 316 ePd 29 43.00 0.0
 e 30 05.00 90kmX
 ARU 53.27 316 eP 29 51.00 -0.9
 e 30 07.00 61km
 WB2 62.13 189 eP 30 52.90 -1.6
 1.0s 2.60nm 4.3mb
 GBA 62.57 264 P 30 56.90 -0.7
 KAF 64.29 332 eP 31 06.70 -1.6
 0.8s 3.50nm 4.4mb
 NUR 65.97 331 iP 31 17.60 -1.5
 0.4s 2.30nm 4.5mb
 KIV 68.33 310 (P) 31 34.80 0.4
 ORV 68.68 56 eP 31 37.79 1.3
 HFS 69.90 335 eP 31 42.00 -1.6
 0.3s 2.10nm 4.5mb
 Z 16s 0.10um 4.2MszX
 LR 04 18.00
 BW06 73.56 47 eP 32 06.69 0.7
 1.0s 2.33nm 4.1mb
 OJC 75.39 326 eP 32 16.80 0.7
 SRU 75.49 50 eP 32 17.92 0.8
 e 32 35.44 64km
 RSSD 75.54 43 (P) 32 17.50 0.2
 0.7s 1.73nm 4.1mb
 KSP 76.32 328 eP 32 21.80 0.5
 PV10 76.84 50 ePc 32 27.00 2.2
 CLL 77.20 330 iP 32 26.20 0.1
 PRU 77.68 329 P 32 29.00 0.2
 KHC 78.74 329 P 32 35.00 0.3
 e 32 53.40 67km
 GEC2 78.93 328 eP 32 35.20 -0.6
 1.0s 1.33nm 3.8mb
 SKO 80.95 320 eP 32 47.00 0.4
 CDF 81.68 332 eP 32 49.70 -0.7
 LOR 83.84 333 eP 33 01.50 0.0
 0.8s 5.10nm 4.6mb
 LBF 84.04 333 eP 33 02.50 0.0
 SSF 84.14 333 eP 33 03.20 0.3
 1.0s 6.80nm 4.6mb
 LPL 84.34 331 eP 33 04.90 0.6
 LPG 84.35 330 eP 33 05.10 0.7
 SMF 84.39 333 eP 33 04.30 0.1
 AVF 84.42 333 eP 33 04.70 0.3
 0.7s 4.65nm 4.6mb
 MAF 85.19 333 eP 33 08.40 0.2
 0.8s 6.05nm 4.7mb
 LSF 85.50 334 eP 33 10.20 0.4
 RJF 86.34 334 eP 33 14.80 0.8
 CAF 86.49 333 eP 33 15.20 0.4
 LPO 87.00 334 eP 33 17.60 0.4
 S.D. = 0.9 on 68 of 70 obs.

% SEP 13, 1992 17h 40m 53.62±0.93s
 18.363 N ±16.0km 66.238 W ±6.5km
 DEPTH = 60.0km (geophysicist)
 PUERTO RICO REGION (90)

SJG 0.26 161 P 41 03.80 0.2
 LPR 0.35 99 P 41 04.00 -0.3
 S 41 13.00
 CLLP 0.43 229 P 41 04.90 0.0
 CPD 0.44 136 P 41 05.30 0.2
 APR 0.47 281 P 41 05.90 0.5

PORP 0.49 231 P 41 05.60 0.1
 LRS 0.58 263 P 41 06.20 -0.4
 S 41 16.20
 MGP 0.88 247 P 41 10.00 -0.2
 S.D. = 0.4 on 8 of 8 obs.

SEP 13, 1992 19h 16m 58.82±0.65s
 44.244 N ±8.7km 116.220 E ±7.7km
 DEPTH = 10.0km (geophysicist)
 4.4mb (5 obs.)
 NORTHEASTERN CHINA (658)
 ML 4.7 (BJI).

BJI 4.20 180 Pn 18 04.00 -0.3
 Pg 18 16.00
 Sg 19 10.00
 HHC 4.83 227 Pnd 18 13.60 0.2
 Pg 18 29.00
 Sn 19 09.20
 Sg 19 30.00
 BTO 5.86 234 Pn 18 28.00 0.1
 Pg 18 46.20
 Sn 19 31.80
 Sg 20 03.80
 SNY 5.91 112 ePn 18 29.40 1.0
 Sn 19 33.00
 Sg 20 03.20
 CN2 6.67 91 Pn 18 37.00 -2.2
 Sn 19 50.00
 Sg 20 27.00
 DL2 6.70 141 ePg 19 02.80 23.2X
 Sg 20 28.00
 TIY 7.12 205 Pnc 18 48.00 2.3
 Z 10s 1.02um
 Pgc 19 09.60
 Sg 20 39.60
 XAN 11.65 211 eP 19 47.40 -0.7
 E 10s 0.82um
 LZH 12.48 233 eP 19 59.00 -0.4
 1.5s 16.00nm 5.0mb
 GTA 13.15 254 eP 20 06.00 -2.3
 CD2 16.55 221 P 20 57.70 5.2X
 GYA 19.36 207 eP 21 31.60 4.1X
 WMO 20.48 279 P 21 39.50 0.2
 pP 21 42.50 11kmX
 sP 21 46.00
 KAF 52.11 323 eP 26 11.80 1.0
 0.7s 4.20nm 4.5mb
 FBA 53.35 32 eP 26 20.96 1.0
 0.8s 2.32nm 4.2mb
 NUR 53.52 322 eP 26 20.90 -0.4
 0.9s 5.80nm 4.6mb
 NB2 58.88 327 P 27 00.30 0.5
 0.5s 1.10nm 4.2mb
 S.D. = 1.3 on 14 of 17 obs.

% SEP 13, 1992 19h 33m 40.76±1.14s
 32.932 S ±10.8km 70.217 W ±16.6km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

FCH 0.40 189 iPd 33 57.49 -0.2
 iS 34 10.01
 JACH 0.40 308 iPd 33 57.38 0.0
 iS 34 10.03
 PEL 0.45 242 iP 33 57.57 0.0
 iS 34 10.25
 ROCH 0.67 266 iP+ 33 59.40 0.0
 iS 34 13.73
 PCH 0.73 200 iPd 33 59.78 0.0
 iS 34 14.72
 TACH 0.94 220 iP 34 01.56 -0.1
 iS 34 17.21
 CHCH 1.06 200 iP 34 02.99 0.0
 iS 34 20.18
 CACH 1.22 195 iP 34 05.10 0.3
 iS 34 24.28
 LCCH 1.26 244 iP 34 05.29 0.2
 iS 34 22.90
 LNV 1.43 224 iP 34 06.65 -0.4
 iS 34 25.72
 S.D. = 0.2 on 10 of 10 obs.

& SEP 13, 1992 19h 51m 30.70s
 36.828 N 121.575 W
 DEPTH = 8.0km

13d 19h

CENTRAL CALIFORNIA (39)
<BRK>. ML 3.0 (BRK).

SAD	0.12	121	iPd	51	32.93	-0.6
			iS	51	34.69	
GCC	0.39	301	ePc	51	38.22	-0.5
MHC	0.52	354	iPc	51	41.26	0.1
			iS	51	49.09	
ARN	0.52	4	iPd	51	41.32	0.1
			eS	51	49.14	
PRS	0.52	162	ePd	51	40.62	-0.6
LLA	0.55	112	ePd	51	41.42	-0.4
			eS	51	49.87	
PCC	0.93	316	eP	51	47.59	-1.0
			eS	52	03.77	
PRI	1.00	133	eP	51	49.61	-0.4
			iS	52	07.51	
BKS	1.17	334	eP	51	51.35	-1.4
			eS	52	10.92	
ZSP	1.24	334	ePd	51	52.57	-1.3
			iS	52	13.55	
PHAM	1.37	136	eP	51	54.78	-1.3
PKEM	1.41	122	eP	51	54.32	-2.3
FRI	1.51	83	ePd	51	57.68	-0.3
CMB	1.53	38	eP	51	56.80	-1.6
BCH	2.04	143	ePc	52	03.77	-2.0
ORV	2.72	1	eP	52	13.75	-1.8
ISA	2.76	114	eP	52	14.67	-1.5
BONR	2.84	66	(Pn)	52	14.52	-2.9
EMUT	8.97	67	(P)	53	44.48	0.8

19 abs. associated

? SEP 13, 1992 20h 01m 34.98±2.17s
17.646 N ±22.0km 102.374 W ±16.0km
DEPTH = 33.0km (normal)
NEAR COAST OF MICHOACAN, MEXICO (56)

COLM	1.97	321	iP	02	07.00	0.2
			iS	02	33.00	
MRX	2.33	29	iP	02	11.00	-0.8
			iS	02	40.50	
ACX	2.52	107	eP	02	14.00	-0.6
			iS	02	42.00	
III	2.86	75	iP	02	18.00	-1.5
			iS	02	52.50	
TPM	3.42	67	(P)	02	29.50	2.1
UNM	3.46	61	(P)	02	34.00	5.8X
IIT	4.10	70	(P)	02	42.50	5.3X
IISM	4.93	74	(P)	02	57.00	8.3X
OXX	5.42	95	iP	02	56.50	0.6

S.D. = 1.6 on 6 of 9 obs.

* SEP 13, 1992 20h 26m 19.16±3.05s
46.043 N ±7.5km 10.223 E ±32.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (VIE).

SAL	0.48	154	P	26	29.00	0.0
			eSg	26	37.00	
SQTA	1.36	30	iPg	26	44.40	0.2
			iSg	27	01.50	
WTTA	1.56	38	iPg	26	46.90	-0.3
			iSg	27	05.70	
FVI	1.86	72	P	26	51.00	-0.2
			eSg	27	11.00	
KBA	2.39	63	iPg	26	59.50	0.4
			iSg	27	27.50	

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

% SEP 13, 1992 21h 13m 09.06±1.49s
48.053 N ±8.4km 7.989 E ±13.2km
DEPTH = 5.0km (geophysicist)
FRANCE (538)
ML 2.5 (LDG).

FEL	0.18	175	ePn	13	13.09	0.3
CDF	0.60	307	Pn	13	22.10	1.1
			Pg	13	22.90	
			Sn	13	35.40	
			Sg	13	36.80	
BSF	0.83	255	Pn	13	25.70	-0.1
			Pg	13	28.00	
			Sg	13	45.50	
HAU	1.10	268	Pn	13	29.50	-0.7
			Pg	13	33.40	
			Sg	13	54.20	

RUP	1.76	340	ePn	13	39.87	-0.6
LOR	2.90	256	Pg	14	06.60	9.8X
			Sg	14	49.80	
LBF	2.92	250	Pg	14	06.10	9.0X
			Sg	14	49.70	
SMF	3.15	245	Pg	14	10.10	9.8X
			Sg	14	56.30	
SSF	3.19	254	Pg	14	11.80	10.9X
			Sg	14	58.50	

S.D. = 1.0 on 5 of 9 obs.

SEP 13, 1992 21h 42m 57.20±0.32s
61.804 N ±7.1km 153.932 E ±5.0km
DEPTH = 21.3km (17 depth phases)
4.7mb (48 obs.) 4.3Msz (2 obs.)
EASTERN SIBERIA, RUSSIA (671)

Felt (V) at Debin, Omsukchan,
Seymchan and Talaya; (IV) at
Magadan and Stekolnyy.

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

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

Centroid Location:

Origin Time 21:43: 4.6 2.9

Lat 61.94N 0.14 Lon 153.36E 0.46

Dep 15.0 FLX Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr=0.34 0.24 Mtt=2.55 0.37

Mff=-2.89 0.27 Mrt=0.00 0.00

Mrf=0.00 0.00 Mtf=0.74 0.34

Principal Axes:

T Val= 2.65 Plg= 0 Azm=172

N 0.34 90 180

P -2.99 0 82

Best Double Couple: Mo=2.8*10**16

NP1: Strike=217 Dip=90 Slip=-180

NP2: 307 90 0

SEY	1.31	328	iPc	43	17.30	-3.0
			0.5s	2700.00nm		
			i	43	30.00	
MGD	2.29	223	iPc+	43	37.80	3.4X
			0.7s	750.00nm		
			i	44	14.80	
PET	9.17	162	eP	45	35.00	23.9X
Z	16s		2.50um			
N	16s		1.00um			
E	16s		1.00um			
YAK	11.40	282	eP	45	42.30	0.7
			1.1s	80.00nm	5.9mb	X
			e	47	48.00	
ILT	13.05	50	iPd	46	03.00	-0.7
Z	12s		2.90um			
YSS	16.15	209	eP	46	49.00	4.8X
			1.0s	20.00nm	4.2mb	
			Z	15s	1.50um	3.6Msz
ASAJ	18.92	206	P	47	22.00	3.3X
BOD	20.13	277	iPc	47	30.50	-1.7
			0.8s	17.00nm	4.4mb	
BRW	21.12	43	eP	47	40.87	-1.4
MDJ	22.33	231	eP	47	55.00	0.4
			1.2s	13.00nm	4.3mb	
Z	12s		1.81um		4.7MszX	
N	12s		1.17um			
E	12s		1.00um			
			S	52	03.00	
TTA	22.78	65	eP	47	45.80	-13.2X
VLA	22.82	225	iP	48	06.00	6.6X
			1.0s	75.00nm	5.2mb	
			i	48	13.00	25km
			i	48	32.00	
IMA	22.82	56	eP	47	46.40	-13.1X
			1.1s	51.10nm		
IMA	22.82	56	eP	47	58.77	-0.7
			1.0s	27.11nm	4.7mb	
SVW	23.63	69	eP	48	07.34	0.1
			0.9s	17.57nm	4.6mb	
			e	48	15.02	27km
CIT	23.72	264	eP	48	09.00	0.8
			e	48	16.40	26km
OFUJ	23.97	204	eP	48	12.20	1.6
CN2	24.60	236	Pd	48	17.00	0.3
			1.2s	16.00nm	4.5mb	
Z	14s		1.47um		4.6MszX	
			eP	48	25.00	28km
			eS	52	38.00	
CPKM	25.06	67	(P)	48	26.61	5.4X

CRP	25.09	67 (P)	48	22.28	0.8
YAMJ	25.18	206 eP	48	23.60	1.4
FBA	25.52	57 eP	48	11.30	-13.9X
	0.8s	24.80nm			
FBA	25.52	57 eP	48	24.55	-0.7
	0.8s	20.17nm			4.8mb
NRI	26.89	314 iPc	48	39.00	1.1
	1.5s	35.00nm			4.8mb
SNY	27.00	236 eP	48	39.40	0.3
	1.0s	20.00nm			4.7mb
Z	12s	0.97um			4.6MszX
		pP	48	50.20	40kmX
MAT	27.14	209 eP	48	41.00	0.5
	0.7s	11.64nm			4.7mb
KLU	27.68	64 eP	48	46.78	1.5
BALM	29.42	63 eP	48	59.89	-1.0
ZAK	29.68	271 eP	49	09.80	6.6X
	1.4s	16.00nm			4.6mb
		e	50	05.30	285kmX
MOY	29.91	275 eP	49	11.70	6.5X
MBC	30.58	28 eP	49	13.00	2.1
	1.0s	5.00nm			4.3mb
BJI	31.55	244 eP	49	19.00	-0.8
HHC	32.90	250 eP	49	32.20	0.4
UER	33.23	280 eP	49	38.50	4.2X
	1.5s	12.00nm			4.6mb
BTO	33.80	252 eP	49	38.00	-1.6
	N 10s	1.25um			
	E 12s	1.51um			
TIY	35.10	246 Pc	49	50.70	0.0
	Z 10s	1.02um			4.9MszX
	N 10s	0.75um			
ELT	35.72	288 eP	50	01.00	5.3X
		eS	55	36.00	
NVS	35.97	292 eP	50	00.00	2.3X
	1.3s	16.00nm			4.8mb
UKR	37.97	286 eP	50	15.50	0.9
YKA	39.31	47 eP	50	28.40	2.7X
	0.8s	4.80nm			4.3mb
GTA	39.46	261 Pd	50	27.00	-0.4
	1.2s	10.00nm			4.4mb
Z	16s	1.48um			4.9MszX
		pP	50	32.00	17km
XAN	39.72	247 P	50	36.00	6.5X
Z	12s	0.89um			4.8MszX
LZH	40.28	254 Pd	50	35.00	0.8
	1.8s	36.00nm			4.8mb
Z	17s	1.03um			4.7MszX
E	10s	0.61um			
		pP	50	41.50	22km
		eS	56	42.00	
WHN	40.47	238 eP	50	42.50	7.0X
	Z 16s	0.71um			4.6MszX
	N 14s	0.56um			
WMO	41.78	276 P	50	46.00	-0.3
SVE	43.95	308 ePc	51	06.80	3.0X
	2.5s	50.00nm			4.9mb
Z	13s	0.60um			4.7MszX
N	12s	0.50um			
E	12s	0.50um			
CD2	44.66	250 P	51	16.00	6.1X
ARU	45.02	308 eP	51	13.00	0.6
TLG	47.02	284 P	51	34.40	5.9X
PRZ	47.16	282 eP	51	29.00	-0.7
GYA	47.24	244 iPd	51	30.80	0.4
	1.0s	12.00nm			4.9mb
Z	20s	0.50um			4.5Msz
		pP	51	37.40	22km
KMI	50.10	247 eP	51	52.00	-0.7
	1.2s	30.00nm			5.2mb
		pP	51	58.50	22km
KAF	50.19	331 iP	51	54.00	1.4
	0.6s	6.10nm			4.8mb
KSH	50.67	282 eP	51	55.50	-1.3
LSA	51.48	261 eP	52	04.00	0.6
NUR	51.98	331 eP	52	07.60	1.4
	0.7s	4.60nm			4.5mb
LRM	52.55	62 eP	52	08.70	-2.4
		e	52	14.50	19km
OBN	53.50	321 iPc	52	20.00	2.4X
	1.3s	31.00nm			5.1mb
Z	14s	0.40um			4.6MszX
NB2	54.21	339 P	52	23.50	0.7
	1.2s	12.30nm			4.8mb
HFS	54.61	337 eP	52	23.20	-2.5
	0.4s	0.60nm			4.0mb
GUN	55.47	265 P	52	31.74	-1.1

MAW	74.65	200	iPd	17	33.60	2.5
	0.9s		13.00nm			4.7mb
MAT	76.91	324	eP	17	36.00	-8.2X
	1.0s		5.00nm			4.2mb
GLA	84.83	48	eP	18	26.12	0.1
BONR	85.77	43	eP	18	30.58	-0.3
TNP	86.50	43	eP	18	34.51	0.2
	0.4s		1.88nm			4.3mb
TUC	87.10	51	eP	18	37.21	0.0
	1.4s		18.30nm			4.8mb
MDJ	87.28	325	eP	18	37.20	-0.4
	1.0s		9.20nm			4.7mb
SNY	88.62	320	Pc	18	45.00	0.9
BMW	88.84	34	(P)	18	45.05	-0.1
CN2	88.89	322	P	18	45.60	0.3
	1.0s		9.80nm			4.8mb
TIA	89.07	312	Pd	18	47.40	1.0
MSU	89.87	45	eP	18	50.43	0.1
RMW	90.23	34	ePc	18	51.09	-0.5
SRU	91.26	46	eP	18	55.65	-1.0
ALO	91.57	51	eP	18	59.90	1.7
	1.0s		8.25nm			4.8mb
TIY	93.01	312	eP	19	06.00	1.4
Z	38s		2.66um			5.4MszX
			S	30	08.00	
XAN	93.43	307	eP	19	01.50	-5.1X
RSSD	98.00	44	eP	19	27.48	-0.2
	1.2s		6.07nm			5.0mb
			e	19	33.08	
SVE	130.68	322	ePKPd	25	21.00	19.8X
KAF	142.73	342	ePKP	25	18.90	-4.5X
	0.5s		1.40nm			
OBN	143.78	327	iPKPd	25	23.00	-2.4
	1.2s		22.00nm			
Z	24s		0.30um			5.0MszX
PYA	144.32	307	iPKPd	25	25.00	-1.7
	1.0s		100.00nm			
NUR	144.50	342	iPKP	25	24.20	-2.2
	0.5s		8.70nm			
KIV	144.60	307	iPKP	25	26.20	-1.1
UPP	146.79	346	iPKP	25	30.80	0.6
HFS	147.24	350	ePKP	25	32.10	1.1
	1.2s		42.20nm			
Z	24s		0.44um			5.2MszX
			LR	17	54.00	
BCAO	152.09	215	iPKPc	25	47.70	7.9X
	0.3s		5.00nm			
			ic	27	31.00	
KIS	152.36	320	ePKP	25	58.00	18.9X
OJC	154.53	334	ePKP	25	43.20	1.1
KSP	155.22	340	ePKP	25	50.00	7.0X
			e	26	08.50	
S.D. = 1.3 on 30 of 38 obs.						

& SEP 14, 1992 00h 43m 24.57s						
60.020 N 140.516 W						
DEPTH = 12.6km						
SOUTHEASTERN ALASKA (19)						
<AEIC>. ML 3.5 (AEIC), 3.5						
(PGC).						
PCA	0.15	59	iPd	43	28.43	0.0
BCPM	0.45	98	iPc	43	33.54	-0.2
YKU	0.61	139	P	43	37.00	0.3
PNL	0.67	121	iPd	43	36.67	-0.9
YAH	0.70	300	iPc	43	37.83	-0.6
			eS	43	48.70	
WRG	0.76	272	iPc	43	37.94	-1.3
			eS	43	49.48	
CYK	0.99	275	iPc	43	41.90	-1.2

14d 00h

GLB	2.16	313	ePc	43	59.37	-1.4
			eS	44	25.96	
PLBC	2.18	103	P	44	00.60	-0.4
			Lg	44	30.00	
SGAM	2.39	284	ePc	44	02.12	-1.9
HIN	3.01	280	eP	44	12.68	-0.2
KLU	3.04	301	iPc	44	11.76	-1.5
FID	3.05	286	eP	44	12.68	-0.7
VLZ	3.08	294	iPc	44	11.54	-2.2
TZL	3.13	313	eP	44	14.89	0.3
VZW	3.16	292	eP	44	12.74	-2.3
GLI	3.37	288	iPc	44	16.49	-1.5
TOA	3.45	310	P	44	18.70	-0.5
SDG	3.50	318	eP	44	20.38	0.6
MTU	3.58	273	eP	44	19.16	-1.8
KNIM	3.62	278	eP	44	18.82	-2.7
SCM	3.79	302	eP	44	22.80	-1.2
PAX	3.79	323	eP	44	24.79	0.7
DOT	4.01	337	eP	44	26.18	-0.9
SIT	4.03	135	ePn	44	26.22	-1.0
KNK	4.14	293	eP	44	28.19	-0.7
SML	4.22	299	eP	44	28.62	-1.4
MPA	4.43	280	eP	44	30.26	-2.7
GHO	4.47	297	eP	44	32.32	-1.3
PMR	4.50	294	ePn	44	32.39	-1.6
PMS	4.62	289	P	44	35.50	-0.3
SLKM	4.86	280	(P)	44	35.25	-3.9
PWA	4.86	294	P	44	38.20	-0.9
FBA	5.95	329	eP	44	53.31	-1.1

44 obs. associated

SEP 14, 1992 01h 03m 58.74±0.49s
 11.601 N ± 7.6km 87.193 W ± 6.7km
 DEPTH = 23.1km (2 depth phases)
 4.6mb (10 obs.) 4.1msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX	5.93	304	(P)	05	40.00	12.6X
PBJ	9.31	302	(P)	06	10.50	-4.1X
OXX	10.72	302	(P)	06	34.00	-0.3
IISM	12.26	308	(P)	06	54.00	-0.9
TPM	13.59	304	(P)	07	12.50	-0.4
III	13.63	301	(P)	07	14.00	0.6
MRX	15.70	303	(P)	07	42.50	2.4
COLM	17.59	297	(P)	08	02.00	-2.3
SGS	22.35	15	eP	08	59.51	3.0X
PRM	22.81	10	eP	09	02.31	1.2
JSC	23.21	13	eP	09	06.95	1.9
PWLA	23.29	358	eP	09	05.64	-0.1
UYO	23.42	345	iPc	09	07.00	-0.1
LHS	23.51	13	(P)	09	06.83	-1.0
GBTN	24.11	6	eP	09	14.95	1.2
OLY	24.11	351	(P)	09	13.40	-0.3
CEH	25.27	16	eP	09	25.51	0.6

FKO	25.31	340	iPc	09	24.60	-0.7
FNO	25.31	340	iPd	09	24.10	-1.2
ELC	25.64	356	eP	09	26.39	-1.9
CBN	27.91	17	eP	09	50.00	0.9
ALO	29.10	326	eP	10	00.57	0.5

TUC	29.93	317	eP	10	07.63	0.1
	1.3s	7.91nm			4.4mb	

TBR	31.56	19	eP	10	21.62	0.0
TYNO	32.02	10	P	10	25.18	-0.4
GOL	32.29	333	ePc	10	27.73	-0.7

	0.8s	5.22nm			4.5mb	
		ePcP	13	17.15		

ACTO	32.48	10	P	10	29.10	-0.6
PV10	33.03	328	eP	10	34.00	-0.9

WLVO	33.09	12	P	10	34.39	-0.5
ZOBO	33.52	145	eP	10	38.00	-1.7

	20s	0.38um			4.1msz	
		LR	21	54.00		

CNCB	34.02	146	P	10	44.00	0.0
		e	13	25.00		

SRU	34.36	327	eP	10	45.54	-0.7
RSNY	34.59	16	eP	10	47.00	-1.0

	0.9s	36.08nm			5.3mb	
MSU	34.85	325	eP	10	51.20	0.7

EMUT	35.03	327	eP	10	51.66	-0.4
ARUT	35.10	322	eP	10	54.40	1.8

RSSD	35.51	339	eP	10	55.66	-0.4
	0.8s	8.72nm			4.7mb	

		iPcP	13	25.06		
CCH	35.52	144	eP	10	58.00	1.5

EEO	35.60	10	eP	10	58.00	1.5
DAU	35.69	328	eP	10	57.36	-0.4
TPNV	36.32	319	(P)	11	09.92	7.0X
	0.8s	8.06nm			4.7mb	
DUG	36.37	326	eP	11	03.56	0.3
	1.0s	6.97nm			4.5mb	
HVU	37.47	328	eP	11	12.19	-0.4
PTI	38.06	330	eP	11	17.44	-0.1
BONR	38.23	319	eP	11	20.67	1.5
HHA1	38.38	330	eP	11	19.85	-0.3
PHAM	38.50	314	(P)	11	23.06	2.0
LMN	39.09	25	eP	11	28.50	2.6
ULM	39.19	351	ePd	11	27.10	0.4
ORV	41.20	319	eP	11	44.55	1.2
JAQ	43.08	10	ePc	11	56.30	-2.2
SES	43.36	338	eP	12	01.00	0.1
BDF	47.40	124	Pc	12	34.00	0.3
MBC	66.89	352	eP	14	49.00	-1.8
	0.7s	3.00nm			4.5mb	
GEC2	88.42	40	eP	16	48.40	-2.1
	1.5s	2.33nm			4.3mb	

		e	16	56.80	26km	
LZH	131.44	348	ePKP	23	05.00	-6.7X
	1.5s	27.00nm				

		pP	23	11.50		
WB2	139.26	253	ePKP	23	26.80	0.2
	0.5s	5.00nm				

CHG	149.18	349	ePKP	23	47.50	4.0X
	1.0s	20.00nm				

GBA	150.68	32	PKP	23	46.00	0.2
BDT	150.69	348	ePKP	23	50.00	4.3X
	0.7s	43.00nm				

S.D. = 1.2 on 53 of 60 obs.

? SEP 14, 1992 01h 10m 45.24±2.03s
 12.092 N ± 27.7km 87.111 W ± 34.2km
 DEPTH = 33.0km (normal)
 4.5mb (2 obs.)
 NEAR COAST OF NICARAGUA (74)

UYO	22.97	344	iPd	15	49.70	1.8
FKO	24.88	340	iPd	16	07.40	1.0

PV10	32.67	327	eP	17	16.00	-0.8
RSNY	34.10	16	eP	17	29.12	0.2

	0.7s	6.55nm			4.7mb	
RSSD	35.08	339	(P)	17	37.00	-0.6

EEO	35.10	10	ePd	17	40.40	2.9X
BW06	36.25	332	eP	17	46.00	-1.5

	1.0s	4.50nm			4.3mb	
LMN	38.62	25	eP	18	10.50	3.4X

ULM	38.72	351	eP	18	09.00	1.1
JAQ	42.58	10	ePd	18	38.00	-1.6

WB2	139.47	253	iPKPd	30	12.60	0.6
	0.8s	3.00nm				

GBA	150.23	31	PKP	30	33.00	3.0X
	1.0s	5.00nm			4.2mb	

S.D. = 1.4 on 9 of 12 obs.

? SEP 14, 1992 02h 15m 48.44±1.84s
 12.206 N ± 23.9km 87.317 W ± 13.4km
 DEPTH = 27.4km (4 depth phases)
 4.6mb (3 obs.)
 NEAR COAST OF NICARAGUA (74)

PBJ	8.90	299	(P)	17	54.50	-3.8X
OXX	10.31	299	(P)	18	18.00	0.0

TPM	13.16	302	(P)	18	56.00	-0.5
PRM	22.24	11	ePc	20	46.68	2.0X

		pP	20	54.29	27km	
JSC	22.66	13	eP	20	50.04	1.3

UYO	22.81	345	iPc	20	51.00	0.7
OLY	23.50	351	ePc	20	56.66	-0.3

GBTN	23.53	6	eP	20	58.65	1.4
FKO	24.70	340	iPd	21	08.80	0.2

ELC	25.03	356	eP	21	10.99	-0.8
ALO	28.53	326	eP	21	45.00	0.8

	1.0s	5.00nm			4.2mb	
		pP	21	53.40	29km	

RSNY	34.05	16	iPc	22	31.30	-1.1
	1.0s	12.36nm			4.8mb	

MSU	34.29	324	(P)	22	34.86	0.0
		pP	22	42.21	25km	

ARUT	34.55	322	eP	22	37.61	0.6
		pP	22	45.79	28km	

RSSD	34.90	339	(P)	22	48.40	8.4X
	0.9s	9.29nm			4.7mb	

EEO	35.02	10	eP	22	42.00	1.2
BW06	36.06	332	eP	22	48.20	-1.7

ULM	38.58	351	eP	23	11.00	0.3
JAQ	42.51	10	eP	23	40.00	-3.0
GKN	139.28	11	PKP	35	24.80	9.1X
	0.6s	21.00nm				
WB2	139.31	254	ePKP	35	16.30	0.5
	0.9s	3.20nm				
		i	36	01.30		
GUN	139.58	9	PKP	35	18.20	1.7X
	0.4s	7.00nm				
KKN	139.60	10	PKP	35	20.80	4.4X
DMN	139.75	10	PKP	35	23.00	6.3X
PKI	139.84	10	PKP	35	20.90	3.9X
GBA	150.23	31	PKP	35	36.00	1.9X

S.D. = 1.2 on 17 of 26 obs.

SEP 14, 1992 02h 36m 14.40±0.52s
 43.217 N ± 4.0km 13.007 E ± 5.7km
 DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

MD 3.1 (FIR), 3.0 (TRI), ML 3.0 (LDG).

ARV	0.29	351	P	36	20.50	0.1
		eSg	36	25.10		

ASS	0.29	240	Pc	36	20.40	-0.1

* SEP 14, 1992 02h 46m 49.11±1.17s
36.290 N ±13.0km 141.056 E ±12.1km
DEPTH = 33.0km (normal)
4.7mb (4 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ	0.72	263	iPd	47 04.30	1.5
			S	47 11.40	
CHJJ	1.69	262	iPd	47 16.70	0.0
			S	47 33.10	
NIIJ	1.90	300	iPd	47 19.40	-0.4
			S	47 41.50	
YAMJ	2.05	337	P	47 22.90	1.0
MAT	2.31	277	iPd	47 24.70	-0.9
			iS	47 50.90	
MTMJ	2.64	277	iPd	47 30.60	0.2
IIDJ	2.68	253	P	47 33.20	2.3
			S	48 02.50	
OFUJ	2.83	10	eP	47 34.60	1.7
TSRJ	4.19	261	P	47 53.30	1.1
WKYJ	4.92	247	eP	48 02.90	0.1
TKSJ	6.19	250	eP	48 20.00	-0.5
YONJ	6.27	262	eP	48 21.50	-0.3
WB2	56.29	188	iPd	56 28.90	0.1
	0.5s	5.00nm		4.8mb	
GBA	60.87	266	P	56 58.20	-2.8
KAF	68.84	333	iP	57 49.50	-2.4
	0.5s	3.40nm		4.7mb	
NUR	70.47	332	iP	57 59.70	-2.2
	0.2s	1.60nm		4.7mb	
PV10	81.48	48	eP	59 07.50	2.7
GE2C	83.19	328	ePc	59 12.00	-1.3
	0.4s	0.73nm		4.1mb	
ZOBO	147.31	60	ePKP	06 33.00	3.4X
CNCB	147.77	61	ePKP	06 35.00	4.8X
				S.D. = 1.7 on 18 of 20 obs.	

% SEP 14, 1992 04h 49m 49.34±3.23s
34.045 S ±15.6km 70.146 W ±18.3km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

CACH	0.38	259	iPd	49 57.41	0.2
			iS	50 03.27	
CHCH	0.44	285	iPd	49 58.43	0.2
			iS	50 04.90	
PCH	0.52	324	iPd	49 59.67	-0.3
			iS	50 07.19	
FCH	0.73	350	iPd	50 02.68	-1.2
			iS	50 13.13	
TACH	0.77	300	iPd	50 04.09	-0.2
			iS	50 15.42	
PEL	1.01	333	iP	50 09.51	1.1
			iS	50 22.08	
LNV	1.05	275	iP+	50 08.87	-0.3
			iS	50 24.08	
ROCH	1.29	326	iP	50 13.70	0.3
			iS	50 30.63	
LCCH	1.32	295	iP+	50 13.33	-0.3
			iS	50 32.15	
JACH	1.41	345	iP	50 15.72	0.6
			iS	50 33.96	
				S.D. = 0.7 on 10 of 10 obs.	

& SEP 14, 1992 05h 25m 15.41s
64.468 N 165.936 W
DEPTH = 0.0km
NORTHERN ALASKA (676)
<AEIC>. ML 3.7 (AEIC), 3.5 (PMR). Felt at Nome.

ANM	0.26	68	iPc	25 19.97	-0.7
			eS	25 23.61	
TTA	4.68	105	eP	26 26.71	-2.3
			eS	27 24.84	
IMA	5.39	67	eP	26 38.52	-0.7
			eS	27 42.90	
SVW	5.81	121	P	26 44.70	-0.2
KTH	6.66	91	P	26 52.70	-4.3
TRF	6.96	91	eP	26 55.69	-5.6
BGL	6.98	111	eP	26 59.59	-1.8
NCC	6.99	110	eP	27 00.27	-1.4
CKL	7.03	112	eP	27 01.69	-0.6
CGLM	7.11	110	eP	27 02.95	-0.3
FBA	7.79	79	(P)	27 10.71	-1.9
				11 obs. associated	

SEP 14, 1992 05h 35m 50.73±0.39s
36.652 N ±3.8km 116.270 W ±4.8km
DEPTH = 5.0km (geophysicist)
CALIFORNIA-NEVADA BORDER REGION (40)
ML 3.0 (GS).

TPNV	0.30	3	iPd	35 57.10	0.3
TNP	1.61	332	ePnc	36 19.64	-0.5
ISA	2.04	242	ePn	36 26.25	0.1
			ePg	36 29.06	
BONR	2.08	309	ePn	36 27.05	0.1
ARUT	2.53	62	ePn	36 32.84	-0.4
			ePg	36 39.27	
SSK	2.70	206	(P)	36 35.58	-0.2
			eS	37 18.73	
PEC	2.85	195	(P)	36 38.14	0.4
			(S)	37 21.99	
PLM	3.33	189	(P)	36 44.68	0.0
CMB	3.56	294	ePn	36 47.78	0.0
			ePg	36 55.19	
MSU	3.75	59	(Pn)	36 51.72	1.0
			ePg	37 01.01	
GLA	3.78	161	(P)	36 50.83	-0.2
ARN	4.27	281	(P)	37 07.18	9.3X
DUG	4.46	36	(P)	37 04.69	4.0X
SRU	5.17	60	(P)	37 10.14	-0.6
				S.D. = 0.5 on 12 of 14 obs.	

& SEP 14, 1992 07h 54m 17.47s
35.031 N 116.973 W
DEPTH = 3.5km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.2 (PAS), 3.0 (GS).
Felt (III) at Daggett. Also felt at Barstow.

SSK	1.01	216	ePd	54 36.10	-1.2
			eS	54 48.05	
PEC	1.15	188	eP	54 38.49	-1.1
			eS	54 53.63	
ISA	1.38	298	ePc	54 42.34	-1.3
			eS	55 00.29	
PLM	1.68	177	ePnd	54 46.94	-1.0
			ePg	54 48.37	
			eS	55 10.28	
ABL	1.86	265	ePn	54 49.09	-1.5
			ePg	54 51.52	
BCH	2.56	274	eP	54 58.61	-1.9
GLA	2.66	137	(Pn)	55 04.14	2.2
			ePg	55 06.31	
PKEM	2.76	293	(P)	55 01.08	-2.3
PHAM	2.91	287	eP	55 04.07	-1.5
TNP	3.05	356	ePn	55 06.46	-1.2
BONR	3.11	340	ePn	55 07.86	-0.7
ARUT	3.96	45	ePn	55 20.05	-0.5
MSU	5.19	47	(Pn)	55 29.41	1.4
SRU	6.57	50	(P)	56 00.43	2.9
				14 obs. associated	

& SEP 14, 1992 08h 31m 07.01s
64.671 N 165.795 W
DEPTH = 0.0km
3.7mb (1 obs.)
NORTHERN ALASKA (676)
<AEIC>. ML 3.9 (AEIC), 3.8 (PMR). Felt (IV) at Nome.

ANM	0.21	120	eP	31 10.44	-0.8
TTA	4.68	107	eP	32 16.44	-4.1
IMA	5.26	69	ePn	32 27.40	-1.5
SVW	5.86	123	eP	32 37.06	-0.3
KTH	6.61	93	eP	32 47.35	-0.5
SPU	7.18	113	eP	32 55.31	-0.5
PDB	7.30	127	eP	32 56.35	-1.1
RDT	7.41	118	eP	32 58.12	-0.9
MCK	7.42	90	eP	32 57.94	-1.2
RND	7.54	92	eP	32 58.92	-2.0
FBA	7.69	80	(P)	33 00.39	-2.5
MCNL	7.70	130	eP	32 59.25	-3.9
CCB	7.72	82	eP	33 00.28	-3.0
GLM	7.85	79	eP	33 03.26	-2.0
KLU	9.54	100	(P)	33 24.96	-3.8
MBC	18.65	33	eP	35 31.00	3.2
	1.0s	6.00nm		3.7mb	
				16 obs. associated	

% SEP 14, 1992 08h 34m 36.17±1.45s
10.094 N ±16.3km 84.237 W ±7.2km
DEPTH = 10.0km (geophysicist)
COSTA RICA (78)
MD 4.5 (SJR). Felt (IV) at
Froijones and (III) at San Jose.

SJS	0.24	130	iPc	34 41.11	-0.2
			eS	34 44.75	
ICR	0.42	106	ePd	34 43.50	-1.3
			eS	34 49.25	
LCR2	0.42	147	iPc	34 44.15	-0.6
			eS	34 51.19	
URSC	0.52	120	ePd	34 49.25	2.5
OCR	0.67	174	ePd	34 49.58	0.1
			eS	35 00.64	
JCR	0.90	254	ePc	34 53.57	0.2
VCR	1.37	271	ePd	35 01.42	0.0
			eS	35 20.89	
ACR	1.78	144	eP	35 06.53	-0.7
				S.D. = 1.3 on 8 of 8 obs.	

? SEP 14, 1992 09h 13m 39.13±2.41s
17.135 N ±16.2km 100.387 W ±19.6km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

ACX	0.57	117	iP	13 50.50	-0.3
			iS	13 57.50	
III	1.51	35	iP	14 04.50	0.1
			iS	14 22.50	
TPM	2.23	34	(P)	14 13.50	-1.1
			(S)	14 42.00	
MRX	2.67	343	eP	14 21.00	0.3
IIIT	2.73	46	eP	14 21.00	-0.8
IIISM	3.41	57	eP	14 33.00	1.8
				S.D. = 1.3 on 6 of 6 obs.	

SEP 14, 1992 09h 46m 49.24±0.70s
41.101 N ±7.1km 28.683 E ±4.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

CTT	0.20	284	iPg	46 53.60	0.0
ISK	0.29	97	iPg	46 56.60	1.4
			iSg	47 00.60	
GBZT	0.66	118	ePg	47 01.00	-1.3
			iSg	47 10.00	
HRT	0.80	110	iPg	47 04.10	-0.6
			eSg	47 16.10	
KCT	0.89	196	iPg	47 06.10	-0.2
			iSg	47 20.10	
BNT	0.94	218	iPn	47 07.10	-0.1
EDC	0.98	220	ePn	47 07.70	-0.1
DMK	1.00	316	iPn	47 08.10	-0.1
			iSg	47 23.10	
DST	1.49	182	ePn	47 17.30	1.1
				S.D. = 0.9 on 9 of 9 obs.	

% SEP 14, 1992 10h 01m 20.08±1.26s
37.309 N ±10.9km 14.308 E ±7.8km
DEPTH = 10.0km (geophysicist)
SICILY (398)

MEU	0.54	112	P	01 31.10	0.1
			eSg	01 40.70	
MCT	0.63	301	P	01 32.60	-0.2
			eSg	01 39.40	
MNO	0.69	26	P	01 34.00	0.1
			eSg	01 43.70	
GIB	0.71	342	P	01 34.50	0.3
			eSg	01 43.60	
ATN	1.25	47	P	01 43.00	-0.3
			eSg	02 00.40	
				S.D. = 0.3 on 5 of 5 obs.	

% SEP 14, 1992 10h 07m 23.66±1.78s
41.206 N ±20.1km 35.891 E ±8.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MG 3.4 (DDA).

KVT

14d 10h

CTK 0.96 238 eP 07 41.20 -0.8
 KART 1.20 269 eP 07 44.70 -1.4
 BBTK 2.75 241 eP 08 11.00 2.3
 DVR 2.93 270 eP 08 11.50 0.3
 SGKT 2.97 259 eP 08 16.90 4.9X
 S.D. = 1.5 on 7 of 8 obs.

% SEP 14, 1992 11h 34m 27.36 ± 2.63s
 44.381 N ± 7.0km 7.587 E ± 30.2km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.0 (LDG).

SBF 0.53 192 Pg 34 38.10 0.0
 FRF 1.06 220 Pg 34 46.70 -0.7
 LPG 1.26 332 Pg 34 51.00 0.0
 LRG 1.28 224 Pg 34 51.70 0.6
 LMR 1.31 217 Pg 34 51.50 0.0
 S.D. = 0.6 on 5 of 5 obs.

SEP 14, 1992 11h 51m 29.69 ± 0.32s
 19.084 S ± 6.3km 69.182 W ± 6.9km
 DEPTH = 111.1km (16 depth phases)
 4.8mb (15 obs.)
 NORTHERN CHILE (123)

CNCB 2.53 27 iPc 52 16.80 6.0X
 LPB 2.74 22 iPc 52 19.30 5.9X
 ZOBO 2.96 20 iPc 52 21.30 4.8X
 CCH 3.35 60 Pc 52 25.70 4.2X
 ARE 3.41 319 iPc 52 22.30 0.0
 ANT 4.74 194 eP 52 37.50 -2.6
 NNA 10.21 313 eP 53 53.80 -0.9
 TLL 11.13 187 eP 54 08.50 1.5
 PEL 14.07 185 eP 54 44.00 -1.2
 ITB1 14.80 115 e(P) 55 02.00 7.4X
 ITB7 15.01 115 e(P) 55 02.00 4.8X
 PPD 16.99 103 eP 55 23.90 1.9

BAO 20.51 84 Pd 56 00.90 -0.3
 BDF 20.59 84 Pc 56 02.00 0.0

VAO 21.09 105 eP 56 06.10 -0.8
 JFO 24.37 101 eP 56 35.50 -3.4X

PDCR 29.62 82 eP 57 26.10 -0.6
 JSC 54.30 348 eP 00 46.27 -0.3
 PRM 54.34 347 eP 00 46.01 -0.9

GBTN 56.28 345 eP 00 58.61 -2.3
 PWLA 56.68 341 eP 01 02.14 -1.6
 UYO 58.17 335 iPd 01 13.60 -0.6
 OLY 58.26 339 (P) 01 13.38 -1.4
 LST 58.62 341 (P) 01 16.45 -0.8
 ELC 59.16 341 eP 01 19.61 -1.4
 FVM 60.18 341 eP 01 26.81 -1.1

HRV 61.32 358 eP 01 54.36 113km
 RSNY 63.51 356 eP 01 49.82 -0.3

0.7s 38.30nm 5.6mb
 0.8s 18.21nm 5.1mb
 0.7s 3.91nm 4.4mb
 pP 02 18.27 116km

EMM 63.53 1 eP 01 50.33 0.2
 KDS 64.34 65 iPd 01 55.00 -1.0
 ALO 64.35 326 eP 01 56.36 0.4
 JFWS 64.67 343 eP 02 23.63 110km
 GOL 67.54 330 eP 02 16.82 0.5
 LIC 67.98 75 P 02 18.58 -0.7

TIC 68.16 74 P 02 20.34 0.0
 KIC 68.30 75 P 02 20.80 -0.4
 PV10 68.30 327 eP 02 21.90 0.8
 SRU 69.62 327 eP 02 29.11 0.0
 MSU 70.05 325 ePd 02 32.74 0.9

ARUT 70.22 324 eP 02 34.29 1.5
 EMUT 70.29 327 eP 02 33.94 0.7
 RSSD 70.52 334 eP 02 34.97 0.5
 DAU 70.97 327 eP 02 38.10 0.7

SPA 71.03 180 iPc 02 38.20 0.9
 TPNV 71.24 322 eP 02 40.94 2.0
 DUG 71.61 326 eP 02 41.93 0.9

BW06 71.91 330 eP 02 42.50 -0.4
 BONR 73.13 321 eP 02 50.57 0.4
 HHA1 73.66 329 eP 02 53.85 0.9
 LRM 75.57 330 eP 03 04.90 0.9
 ORV 76.07 321 ePd 03 07.82 1.2

SES 78.40 334 ePd 03 19.90 0.5
 DPW 79.79 329 eP 03 27.88 0.9
 RMW 81.32 327 (P) 03 35.70 0.7
 TOL 84.35 45 eP 03 53.00 2.4
 YKA 88.83 341 P 04 12.50 0.6

BUL 90.53 111 eP 04 24.60 3.6X
 GEC2 99.59 42 ePKP 05 11.70 10.1X
 WB2 134.87 212 iPKP 10 38.20 0.3
 MAT 150.33 312 ePKP 11 10.00 5.8X

S.D. = 1.2 on 50 of 61 obs.
 SEP 14, 1992 12h 21m 45.15 ± 0.66s
 38.542 N ± 6.2km 21.608 E ± 4.6km
 DEPTH = 10.0km (geophysicist)
 3.9mb (3 obs.)
 GREECE (364)

MD 3.6 (ATH), 3.5 (THE), ML 3.6
 (TTG), 3.5 (TIR).

AGG 0.74 49 ePg 21 59.04 -0.6
 VLS 0.88 246 ePn 22 01.00 -1.1
 LIT 1.70 23 ePb 22 14.96 -0.1

ATH 1.75 108 ePb 22 18.60 2.8
 KZN 1.77 4 iPnc 22 18.80 0.8
 KEK 1.83 310 iPbd 22 18.50 1.6
 SRN 1.83 317 eP 22 18.40 1.6

VLI 2.10 150 ePn 22 20.50 -0.4
 PAIG 2.12 49 iPnc 22 19.32 -1.8
 FNA 2.25 355 ePn 22 24.60 1.6
 THE 2.34 26 ePn 22 23.16 -1.0

GRG 2.49 14 iPnc 22 26.24 -0.1
 BERA 2.51 330 ePn 22 28.40 1.8

0.7s 14.50nm 5.0mb
 0.7s 40.50nm 5.4mb
 0.7s 14.50nm 5.0mb
 0.7s 14.50nm 5.0mb

VLO 2.52 320 ePn 22 26.70 -0.1
 OUR 2.57 45 ePn 22 26.04 -1.4
 OHR 2.64 347 iPn 22 30.90 2.3
 SOH 2.64 30 iPnc 22 27.85 -0.8
 KNT 2.80 20 iPnc 22 30.96 0.2

VAY 2.87 15 iPn 22 32.00 0.2
 SRS 2.99 30 iPnc 22 33.21 -0.3
 TIR 3.11 335 ePn 22 36.00 1.0
 PHP 3.26 344 iPnd 22 38.20 0.8

LACI 3.42 335 ePn 22 40.10 0.6
 SKO 3.43 358 iPn 22 40.50 0.8
 SDA 3.86 336 ePn 22 45.30 -0.5
 ULC 3.86 333 iPnd 22 45.27 -0.6

BCI 4.00 343 iPn 22 49.00 1.3
 BRT 4.12 306 P 22 50.30 0.8
 PVY 4.24 343 iPnd 22 51.95 0.7
 TDS 4.25 287 P 22 53.00 1.6

TTG 4.28 336 iPnc 22 51.30 -0.4
 BDV 4.30 331 iPnd 22 50.90 -1.1
 IVA 4.52 344 iPnc 22 56.12 0.9
 HCY 4.56 330 iPnd 22 54.16 -1.6

NKY 4.70 336 iPnc 22 56.99 -0.9
 ATN 4.85 267 P 22 59.50 -0.4
 BRY 4.94 333 iPnd 22 59.78 -1.4
 MGR 4.96 291 P 23 01.50 0.1

PLE 5.07 341 iPnc 23 03.04 0.0
 HVAR 6.06 321 iPn 23 14.10 -2.8
 DUI 6.30 302 P 23 20.20 -0.3
 MLR 7.66 24 ePd 23 41.00 1.5

VRI 8.25 26 ePc 23 48.00 0.4
 VBY 8.41 328 ePn 23 46.90 -2.9
 HFS 22.19 349 eP 26 41.50 -1.3
 NB2 23.44 347 P 26 53.00 -2.1

EKA 23.64 323 Pc 26 57.30 0.3
 S.D. = 1.3 on 47 of 47 obs.

& SEP 14, 1992 12h 46m 53.72s
 37.571 N 118.869 W
 DEPTH = 7.5km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <GM-P>. MD 3.5 (GM). ML 3.5
 (BRK). 3.0 (GS). Felt (III) at
 Mammoth Lakes, California.

BONR 0.59 49 iPc 47 05.14 -0.5
 FRI 0.88 229 iPc 47 10.31 -0.6
 CMB 1.29 292 iPc 47 17.17 -0.7

TNP 1.40 68 ePc 47 20.04 0.2
 KVN 1.60 22 eP 47 23.94 1.4
 LLA 1.91 241 iPc 47 28.00 1.0
 PRI 2.03 226 eP 47 29.65 0.9

PHAM 2.12 216 ePc 47 30.62 0.6
 ARN 2.13 265 ePc 47 31.15 1.0
 SAD 2.21 249 eP 47 32.33 1.0
 PRS 2.35 239 iPc 47 34.29 0.9

GCC 2.55 259 eP 47 36.53 0.4
 BCH 2.58 203 eP 47 37.09 0.5
 BKS 2.69 278 eP 47 40.11 2.0

eS 48 13.78
 ZSP 2.71 279 eP 47 39.53 1.1
 eS 48 14.55
 ABL 2.73 186 eP 47 39.00 0.1
 PCC 2.79 270 eP 47 40.85 1.3
 ORV 2.86 315 eP 47 42.05 1.5
 eS 48 21.23
 SSK 3.49 164 (P) 47 49.58 0.0
 MIN 3.50 323 eP 47 55.68 6.0
 PEC 3.93 159 (P) 47 56.92 1.2
 ARUT 4.31 85 ePn 47 59.12 -2.2
 PLM 4.52 158 (P) 48 06.81 2.6
 MSU 5.37 78 (P) 48 17.53 1.2
 DUG 5.40 59 (P) 48 17.11 0.3
 GLA 5.59 143 (P) 48 20.69 1.4
 HVU 6.30 46 (P) 48 31.62 2.1
 SRU 6.74 74 (P) 48 33.90 -1.7
 28 obs. associated

* SEP 14, 1992 13h 09m 40.08 \pm 0.89s
 47.292 N \pm 9.5km 11.252 E \pm 6.5km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 2.4 (VIE).

SOTA 0.08 202 iPgc 09 42.20 -0.5
 i 09 44.00
 MOTA 0.11 298 iPgc 09 43.30 0.2
 i 09 45.70
 i 09 47.30
 WATA 0.22 79 iPg 09 44.00 -1.0
 i 09 49.00
 WTTA 0.26 96 iPgc 09 45.70 0.0
 i 09 49.80
 i 09 52.80
 OGA 0.45 200 ePg 09 49.40 0.1
 KBA 1.44 98 iPg 10 07.70 1.3
 iSg 10 32.40
 S.D. = 1.0 on 6 of 6 obs.

SEP 14, 1992 13h 16m 28.97 \pm 0.31s
 21.389 N \pm 4.6km 117.771 E \pm 5.5km
 DEPTH = 16.8km (10 depth phases)
 5.3mb (60 obs.) 5.4Msz (5 obs.)
 TAIWAN REGION (243)

Felt in Macou.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 18S, 32C
 Centroid Location:
 Origin Time 13:16:27.4 0.4
 Lat 21.27N 0.05 Lon 117.94E 0.04
 Dep 34.6 3.7 Half-duration 1.4
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-0.17 0.05 Mtt= 1.53 0.09
 Mff=-1.36 0.10 Mrt=-0.26 0.10
 Mrf=-0.03 0.11 Mtrf= 1.07 0.06
 Principal Axes:
 T Val= 1.91 Plg= 7 Azm=162
 N -0.20 B3 326
 P -1.71 2 72
 Best Double Couple: Mo=1.8 \times 10¹⁷
 NP1: Strike=206 Dip=84 Slip= 176
 NP2: 297 86 6

HKC 3.47 286 eP 17 22.60 -0.7
 QZH 3.62 12 Pn 17 23.00 -2.4
 Z 12s 48.20um
 E 12s 206.00um
 Sn 18 02.00
 MCO 3.98 281 iP 17 29.50 -1.1
 iS 18 16.60
 GZH 4.44 293 iPnc 17 35.00 -2.0
 Z 12s 34.90um
 N 12s 85.50um
 E 12s 37.70um
 Sn 18 33.40
 BAG 5.62 151 ePc 17 51.00 -3.0X
 1.1s 301.27nm 5.9mb
 OCP 7.41 154 eP 18 09.00 -10.1X
 QIZ 7.81 254 P 18 22.40 -2.2
 0.7s 55.00nm 5.9mb
 N 11s 36.40um
 E 11s 24.90um
 S 19 52.00
 WHN 9.62 342 iPc 18 46.00 -3.6X
 0.7s 43.00nm 5.9mb

Z 12s 34.90um 3.8Msz
 N 10s 40.50um
 pP 18 51.00
 S 20 33.00
 SSE 10.14 17 P 18 53.00 -3.8X
 Z 12s 22.50um
 N 12s 18.00um
 E 12s 70.50um
 S 20 48.00
 NJ2 10.66 5 Pc 19 01.20 -2.8
 N 11s 49.30um
 E 12s 109.00um
 pP 19 06.00
 S 21 03.00
 GYA 11.34 299 P 19 10.00 -3.4X
 Z 12s 21.50um
 N 10s 48.10um
 E 10s 24.60um
 KMI 14.31 288 Pc 19 52.00 -1.1
 2.0s 70.00nm 5.0mb
 pP 19 59.00
 TIA 14.78 358 Pc 19 58.50 -0.5
 1.8s 970.00nm 6.0mb
 Z 15s 19.70um 4.3Msz
 N 10s 34.70um
 pP 20 07.00
 PP 20 12.00
 XAN 14.83 330 P 19 56.20 -3.4X
 1.3s 51.00nm 4.8mb
 Z 12s 33.80um 4.6Msz
 N 11s 21.90um
 E 11s 23.30um
 PP 20 11.00
 KKM 15.33 186 ePd 20 07.00 0.6
 LOE 15.64 258 eP 20 10.50 0.2
 CD2 15.74 310 P 20 09.50 -2.1
 1.4s 690.00nm 5.7mb
 Z 12s 40.80um 5.4Msz
 E 15s 66.00um
 sP 20 21.00
 S 23 05.50
 DAV 16.09 151 eP+ 20 16.00 -0.2
 TIY 16.91 345 iPc 20 27.00 0.6
 1.5s 370.00nm 5.3mb
 Z 16s 10.60um 5.2Msz
 N 10s 9.50um
 TSM 16.99 180 eP 20 28.50 1.0
 NST 17.66 254 eP 20 38.50 2.7X
 DL2 17.77 10 eP 20 39.00 1.9
 Z 16s 11.10um
 N 12s 11.40um
 E 15s 37.90um
 CHG 17.87 265 eP 20 40.00 1.5
 1.5s 258.33nm 5.1mb
 eS 24 07.50
 BDT 18.18 260 eP 20 42.90 0.6
 1.2s 73.70nm 4.7mb
 BJI 18.64 356 ePc 20 48.50 0.7
 1.2s 110.00nm 4.9mb
 Z 17s 9.70um 4.6MszX
 E 12s 12.10um
 LZH 19.03 323 Pc 20 52.50 -0.4
 2.0s 510.00nm 5.4mb
 Z 14s 28.30um 5.2Msz
 pP 20 59.20 25km
 sP 21 02.50
 PP 21 09.50
 eS 24 20.00
 sS 24 30.00
 SS 24 44.00
 HHC 20.10 346 Pc 21 04.50 -0.3
 1.6s 130.00nm 5.0mb
 Z 15s 8.26um 5.2MszX
 E 10s 2.80um
 sP 21 14.00
 BTO 20.25 343 P 21 05.00 -1.3
 1.4s 63.00nm 4.8mb
 N 10s 4.70um
 E 10s 5.40um
 sP 21 11.00
 ePP 21 29.00
 SNY 20.96 12 Pc 21 11.70 -1.8
 1.2s 150.00nm 5.3mb
 Z 16s 13.60um 5.4MszX
 N 13s 11.90um
 E 13s 32.50um
 pP 21 17.50 21km

sP 21 21.70
 S 25 05.00
 SNG 21.78 232 eP 21 28.40 6.4X
 1.9s 631.58nm 5.7mb
 eS 25 32.00
 CN2 23.24 14 Pd 21 35.60 -0.6
 1.6s 170.00nm 5.3mb
 Z 12s 19.70um 5.8MszX
 N 14s 43.50um
 E 14s 57.90um
 S 25 42.00
 IPM 23.31 227 ePc 21 40.00 2.9X
 1.0s 91.40nm 5.3mb
 MAT 23.33 45 eP 21 36.00 -1.2
 0.9s 19.33nm 4.6mb
 Z 20s 4.61um 4.9Msz
 eS 25 49.00
 GTA 23.64 323 iPc 21 40.50 0.2
 1.8s 100.00nm 5.1mb
 Z 12s 21.30um 5.8MszX
 pP 21 46.00 20km
 PP 22 09.00
 S 25 50.00
 sS 26 00.00
 MDJ 25.14 20 eP 21 56.00 1.4
 1.2s 52.00nm 5.1mb
 Z 15s 7.06um 5.3MszX
 N 12s 12.00um
 E 12s 18.40um
 pP 22 00.00 14km
 S 26 08.00
 LSA 25.36 294 eP 21 59.60 2.2
 N 10s 7.43um
 E 11s 5.62um
 SS 27 22.00
 SWI 25.75 148 ePc 22 01.50 1.0
 CIT 30.73 355 eP 22 45.00 -0.3
 ZAK 31.11 342 eP 22 49.00 0.5
 1.9s 65.00nm 5.2mb
 Z 12s 3.33um 5.2MszX
 e 24 07.50 432kmX
 eS 27 50.00
 IRK 32.54 345 eP+ 23 05.00 3.9X
 2.0s 89.00nm 5.3mb
 Z 16s 5.45um 5.3MszX
 N 12s 3.86um
 E 13s 2.16um
 e 23 18.20 52kmX
 e 24 23.00
 YSS 32.58 32 eP 23 03.20 1.7
 1.0s 30.00nm 5.2mb
 E 14s 2.00um
 MOY 32.94 341 eP 23 09.00 4.5X
 WMQ 33.50 319 eP 23 13.30 3.7X
 Z 16s 12.90um 5.7MszX
 E 11s 13.50um
 UER 35.32 334 eP 23 23.50 -1.5
 1.9s 120.00nm 5.5mb
 e 24 44.00 419kmX
 eS 29 07.50
 e 33 36.00
 BOD 36.51 357 eP 23 39.20 4.1X
 1.5s 37.00nm 5.0mb
 PRZ 39.02 312 eP 23 57.50 0.9
 1.8s 270.00nm 5.6mb
 eS 29 54.00
 TLG 39.99 313 eP 24 06.10 1.6
 2.5s 67.00nm 4.9mb
 Z 12s 2.00um 5.2MszX
 N 14s 4.60um
 E 14s 5.00um
 e 25 47.00 577kmX
 eS 30 09.00
 AAA 40.29 312 eP 24 08.00 1.0
 POO 41.28 274 eP 24 21.00 5.6X
 YAK 41.43 8 eP 24 14.90 -1.0
 1.9s 316.00nm 5.7mb
 Z 18s 4.30um 5.4Msz
 N 16s 2.80um
 E 16s 2.60um
 e 26 03.00
 eS 30 35.00
 PMG 42.06 134 eP 24 28.00 6.3X
 NANU 43.74 183 eP 24 30.00 -5.2X
 e 24 34.00 13km
 WRA 44.16 157 P 24 36.79 -1.9
 W82 44.16 157 iPd 24 36.40 -2.3

S.D. = 1.4 on 80 of 132 obs.

14d 13h

SSB	1.56	284	Pn	20 37.41	-0.2
			Pg	20 39.16	
LMR	1.60	185	Pg	20 38.80	0.7
			Sg	20 58.60	
BOB	1.97	94	P	20 42.00	-1.7
SMF	2.63	312	Pn	20 54.10	1.1
			Pg	20 59.10	
			Sg	21 36.30	
LBF	2.79	318	Pn	20 55.70	0.3
			Pg	21 02.10	
			Sn	21 29.00	
			Sg	21 38.80	
BSF	2.91	1	Pn	20 57.70	0.7
			Sn	21 30.20	
PGF	2.91	144	Pn	20 57.70	0.6
			Sn	21 30.20	
AVF	2.98	310	Pn	20 58.70	0.7
			Pg	21 07.30	
LOR	3.06	321	Pn	20 57.60	-1.5
			Pg	21 07.60	
			Sn	21 35.70	
SSF	3.08	315	Pn	21 00.10	0.8
			Pg	21 08.60	
HAU	3.09	356	Pn	20 58.90	-0.6
BGF	3.14	303	Pn	21 00.40	0.1
			Pg	21 08.70	
MAF	3.17	296	Pn	21 00.70	0.0
			Pg	21 09.50	
CAF	3.28	272	Pn	21 01.90	-0.4
			Pg	21 10.90	
TCF	3.42	295	Pn	21 03.70	-0.6
CDF	3.51	6	Pn	21 05.20	-0.4
RJF	3.68	278	Pn	21 07.20	-0.7
LSF	3.85	292	Pg	21 20.70	10.3X
LPO	3.92	268	Pn	21 11.10	-0.2
			Pg	21 22.80	
MFF	5.07	292	Pn	21 26.70	-0.8
			Pg	21 44.30	

S.D. = 0.7 on 44 of 45 obs.

? SEP 14, 1992 13h 36m 34.97±3.33s
 21.319 N ±27.4km 117.856 E ±24.1km
 DEPTH = 10.0km (geophysicist)
 4.1mb (1 obs.)
 TAIWAN REGION (243)
 ML 4.1 (BJI).

HKC	3.56	287	iP	37 32.00	0.6
OZH	3.67	10	ePn	37 33.00	0.0
			Sn	38 13.40	
MCO	4.08	282	eP	37 39.10	0.4
GZH	4.54	294	iPgc	37 44.40	-0.9
OIZ	7.86	255	eP	38 32.00	-0.2
			S	40 00.00	
WHN	9.71	342	eP	38 52.00	-5.7X
Z	12s	1.93um			
GYA	11.44	299	P	39 14.60	-7.1X
LZH	19.14	323	eP	41 04.00	3.0X
	1.5s	19.00nm			4.1mb
	15s	1.21um			3.8Msz
	E 10s	0.61um			
		pP	41 08.00	15kmX	

S.D. = 0.8 on 5 of 8 obs.

SEP 14, 1992 13h 53m 05.92±0.48s
 6.986 N ±7.8km 126.845 E ±9.9km
 DEPTH = 63.4km (3 depth phases)
 4.7mb (6 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

DAV	1.27	275	iPc+	53 28.00	0.1
			iS	53 48.90	
SWI	8.95	150	ePd	55 14.50	-0.6
			S	56 48.10	
MTN	20.16	168	eP	57 37.00	-0.8
OIZ	20.41	308	eP	57 40.00	-0.4
KNA	22.67	175	eP	58 03.60	0.7
IPM	25.80	266	ePc	58 34.20	1.2
LOE	26.61	295	eP	58 36.20	-4.2X
WB2	27.76	165	iPc	58 50.20	-0.7
	0.2s	9.10nm			5.0mb
		i	59 07.20	73km	
		iS	03 40.50		
KMI	29.26	311	eP	59 04.50	-0.1
CHG	29.57	296	eP	59 05.00	-2.3
OIS	30.11	156	iPc	59 10.80	-1.1
	0.3s	7.00nm			4.9mb

ASPA	31.23	167	iPd	59 25.10	57km
	0.3s	4.80nm			4.7mb
		eS	04 22.00		
XAN	31.61	331	eP	59 24.50	-0.5
		pP	59 39.30	60km	
		sP	59 46.50		
WARB	32.97	180	eP	59 37.00	0.1
BJI	34.28	345	eP	00 03.00	15.0X
LZH	35.81	327	eP	00 11.50	10.2X
	1.5s	19.00nm			
MRWA	37.48	196	eP	00 15.00	-0.2
FORT	37.57	178	eP	00 16.00	0.1
BAL	38.62	194	eP	00 25.00	0.2
KLB	39.33	192	eP	00 30.50	-0.2
MUN	40.05	194	eP	00 37.00	0.4
STK	41.13	161	eP	00 45.80	0.3
	0.8s	3.60nm			4.2mb
RKG	42.36	192	eP	00 57.00	1.4
BRS	42.40	145	iP	00 55.70	-0.3
ARMA	44.14	149	eP	01 10.50	0.3
	0.7s	6.00nm			4.5mb
PKI	44.25	303	P	01 00.00	-11.5X
GBA	48.99	282	P	01 49.00	0.6
MAIO	67.67	306	eP	03 57.00	-1.8
IMA	79.38	24	eP	05 07.05	0.6
KAF	88.78	332	eP	05 56.30	2.5
	0.8s	3.20nm			4.6mb
ZOBO	162.67	124	PKP	13 04.30	1.1

S.D. = 1.0 on 27 of 31 obs.

& SEP 14, 1992 14h 38m 50.32s
 66.148 N 148.945 W
 DEPTH = 10.0km (geophysicist)
 NORTHERN ALASKA (676)
 <AEIC>. ML 2.6 (AEIC).

GLM	1.33	150	eP	39 14.51	-0.4
			eS	39 33.17	
FBA	1.34	159	ePn	39 14.32	-0.7
			eS	39 33.95	
PRP	1.54	113	eP	39 18.01	0.0
			eS	39 37.96	
FYU	1.56	73	eP	39 17.95	-0.1
NEA	1.58	182	eP	39 17.15	-1.2
CCB	1.58	162	eP	39 17.62	-0.8
WRH	1.72	168	eP	39 19.68	-0.8
			eS	39 41.97	
IMA	1.93	270	ePn	39 20.64	-3.0
HDA	1.94	154	eP	39 22.97	-0.7
			eS	39 49.92	
MCK	2.43	180	eP	39 29.02	-1.6
			10 obs. associated		

% SEP 14, 1992 15h 04m 00.21±1.92s
 44.882 N ±5.5km 6.580 E ±15.9km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.8 (GEN).

RRL	0.15	75	P	04 03.85	0.0
			S	04 05.80	
BNI	0.18	22	P	04 04.60	0.2
			eSg	04 07.00	
BHB	0.49	95	P	04 10.11	0.0
			S	04 16.87	
PZZ	0.53	135	P	04 11.23	0.3
			S	04 19.13	
LSD	0.71	35	P	04 14.11	-0.2
			S	04 22.62	
STV	0.83	140	P	04 15.85	-0.5
			S	04 28.26	
ENR	0.89	137	P	04 17.59	0.3
			S	04 30.10	

S.D. = 0.3 on 7 of 7 obs.

? SEP 14, 1992 15h 15m 04.43±0.94s
 21.440 N ±10.9km 117.965 E ±9.9km
 DEPTH = 10.0km (geophysicist)
 4.1mb (1 obs.)
 TAIWAN REGION (243)
 ML 4.0 (BJI).

OZH	3.53	9	ePn	16 00.60	0.2
MCO	4.15	280	eP	16 05.90	-3.4X
GZH	4.58	292	iPnc	16 15.00	-0.4
			iSn	17 21.80	

CVP	5.20	135	eP	16 24.00	-0.1
OIZ	7.99	254	eP	17 03.00	0.3
WHN	9.63	341	eP	17 33.50	7.5X
			eS	19 21.00	
LZH	19.10	323	eP	19 33.50	3.4X
	1.5s	19.00nm			4.1mb

S.D. = 0.6 on 4 of 7 obs.

% SEP 14, 1992 15h 20m 14.31±3.82s
 43.172 N ±14.8km 20.148 E ±25.0km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

IVA	0.35	212	iPgd	20 21.69	0.1
			iSg	20 26.38	
PLE	0.57	286	iPgc	20 25.85	-0.2
			iSg	20 33.26	
PVY	0.59	193	iPgc	20 25.93	-0.4
			iSg	20 34.28	
NKY	0.92	247	iPgd	20 31.35	-0.6
			iSg	20 44.19	
TTG	0.99	222	iPgc	20 32.81	-0.2
			iSg	20 46.91	
BRY	1.21	258	iPgc	20 36.88	0.0
			iSg	20 53.51	
BDV	1.32	228	iPgd	20 39.31	0.7
			iSg	20 57.68	
HCY	1.41	240	iPgd	20 40.68	0.6
			iSg	21 00.49	

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

SEP 14, 1992 17h 15m 00.39±2.67s
 22.733 S ±10.6km 175.071 W ±8.3km
 DEPTH = 49.6 ±21.9 km
 5.0mb (26 obs.) 4.8Msz (1 obs.)
 TONGA ISLANDS REGION (174)

VUN	7.67	307	ePd	16 54.10	1.8
BKM	16.45	285	iP	18 56.60	7.2X
DZM	17.11	269	iPd	19 02.90	5.2X
BRS	29.45	254	eP	21 02.50	0.7
ARMA	30.67	248	iPc	21 13.70	1.0
	0.5s	10.00nm			4.8mb
RMO	33.03	256	eP	21 33.00	-0.3
	0.6s	11.00nm			4.9mb
CAN	33.65	240	eP	21 39.00	0.4
BWA	33.94	242	eP	21 39.50	-1.6
CMS	35.73	247	eP	21 55.00	-1.4
	0.9s	21.00nm			5.1mb
CTA	36.04	267	iPc	21 59.00	-0.1
TOO	36.89	237	eP	22 07.40	1.3
	0.7s	19.00nm			5.1mb
PMG	38.51	284	eP	22 19.00	-0.9
STK	39.36	247	iPc	22 27.70	0.9
	0.6s	5.00nm			4.5mb
ASPA	46.70	258	iPd	23 25.30	-1.2
	1.1s	26.80nm			5.1mb
Z	19s	1.00um			4.8Msz
		eS	30 06.30		
W82	47.01	263	iPc	23 26.90	-2.0
	0.6s	19.30nm			5.2mb
WRA	47.02	263	P	23 27.20	-1.8
MTN	51.93	271	eP	24 04.40	-2.3
WARB	52.79	254	eP	24 11.00	-2.1
MBL	59.95	258	eP	25 02.00	-2.2
MRWA	61.53	248	eP	25 13.00	-1.9
NANU	63.46	255	eP	25 27.00	-0.8
SPA	67.40	180	iPc	25 54.20	1.5
	1.2s	16.20nm			4.9mb
MAT	73.62	322	eP	26 29.00	-1.5
KUSJ	75.24	331	eP	26 38.30	-1.3
ASAJ	76.98	330	P	26 49.50	0.2
BCH	77.67	43	eP	26 53.48	-0.1
ARN	78.16	41	eP	26 56.00	-0.1
PLM	78.65	47	eP	26 58.13	-1.0
PEC	78.77	46	eP	26 57.86	-1.7
	0.6s	2.32nm			4.3mb
ISA	79.00	44	eP	27 00.31	-0.5
	1.3s	15.25nm			4.8mb
YSS	79.18	332	eP	27 00.00	-1.4
	1.0s	30.00nm			5.2mb
		e	27 12.00		
CMB	79.30	41	eP	27 01.48	-0.9
ORV	79.62	39	eP	27 03.38	-0.6
GLA	79.85	48	eP	27 05.42	0.0
MAW	80.38	199	eP	27 10.00	2.4

ENN	152.01 0.8s	359 7.00nm	ePKP	34 56.00	11.5X
PSZ	152.16	338	e(PKP)	35 01.70	16.7X
COZ	152.45	330	ePKPd	34 53.00	7.4X
GRF	152.64	351	ePKP	34 54.00	8.5X
DOU	152.69	0	PKPc	35 03.10	17.6X
SRO	152.78	340	ePKP	35 03.70	18.0X
KHC	152.78 1.3s	348 6.60nm	ePKP	34 52.50	6.8X
		e	34 59.50		
		e	35 08.50		
ZST	152.80	342	ePKP	35 04.40	18.7X
GEC2	153.03 1.5s	347 1.63nm	ePKP	34 46.10	-0.1
		e	34 53.80		
		e	35 14.00		
GEC2	153.03 1.0s	347 2.79nm	ePKP	34 59.40	13.2X
		e	35 04.90		
		e	35 19.70		
WLF	153.10	358	PKP	35 03.00	16.9X
FLN	153.67 0.7s	8 9.70nm	ePKP	35 05.40	18.5X
LJU	155.47	344	ePKP	34 49.00	-0.5
VOY	155.64	345	ePKP	34 49.10	-8.8X
BCAO	157.55 0.6s	218 8.00nm	ePKPc	35 01.00	16.0X
		ic	35 26.00		
S.D. = 1.2 on 73 of 108 obs.					
SEP 14, 1992 17h 23m 17.46± 0.51s					
84.237 N ± 7.7km 1.048 E ± 9.1km					
DEPTH = 10.0km (geophysicist)					
4.5mb (13 obs.) 4.1Msz (2 obs.)					
NORTH OF SVALBARD (641)					
KBS	5.57	158	eP	24 39.50	-2.7
			eS	25 38.10	
DAG	8.10 0.7s	214 32.19nm	eP	25 15.00	-2.7
KEV	15.36	145	eP	26 53.00	-2.4
ARA0	15.49	147	Pn	26 53.76	-3.4X
			Sn	29 32.40	
M8C	17.50 1.0s	317 8.00nm	eP	27 23.50	1.0
				3.8mb	
KAF	22.92 0.9s	149 17.00nm	iP	28 24.70	2.7
				4.6mb	
NB2	23.43 1.1s	168 16.10nm	P	28 27.90	0.9
				4.5mb	
HFS	24.40 0.7s	165 2.40nm	eP	28 35.70	-0.7
				3.9mb	
Z	19s	0.27um		3.8Msz	
		LR	35 24.00		
NUR	24.44	151	eP	28 38.90	2.2
UPP	24.80	160	iP	28 50.70	10.5X
BRG	33.68	165	e(P)	30 02.00	2.0
KHC	35.42	166	eP	30 19.00	4.0X
			e	30 35.60	
GEC2	35.70 1.1s	166 2.68nm	ePc	30 19.00	1.5
		e	30 21.40		4.0mb
		e	30 24.60		
		e	30 31.50		
		e	30 33.60		
		e	30 36.20		
LPL	38.91 0.8s	174 3.35nm	eP	30 45.40	0.8
				4.1mb	
LPG	38.93 0.9s	174 5.40nm	eP	30 45.70	0.9
				4.2mb	
SBF	40.57 1.0s	173 24.00nm	eP	30 58.80	0.7
				4.9mb	
SES	42.26	298	eP	31 12.00	0.1
RSSD	47.84	290	eP	31 56.67	-0.2
KSH	49.46	100	eP	32 09.70	0.4
8TO	51.69	67	eP	32 26.20	-0.1
GTA	51.89 1.2s	77 17.00nm	Pc	32 27.50	-0.3
				4.9mb	
		pP	32 34.00		22kmX
BJI	52.80	61	eP	32 34.50	0.0
LZH	55.58 1.5s	73 38.00nm	Pd	32 55.00	-0.1
				5.2mb	
Z	18s	0.29um		4.4Msz	
TIA	56.69	60	eP	3	

CD2	60.70	74	P	33	30.50	-0.3
GYA	65.39	72	iPd	34	02.00	0.0
	1.0s	23.00nm			5.3mb	
		pP	34	09.40	24kmX	
CHG	72.20	80	eP	34	42.60	-1.4
GBA	75.19	102	P	35	00.80	-0.6
	S.D. = 1.4	on	27	of	30 obs.	
?	SEP 14, 1992	17h	40m	39.07±	1.01s	
	40.134 N ± 8.3km			28.285 E ± 11.6km		
	DEPTH = 10.0km			(geophysicist)		
	TURKEY				(366)	
KCT	0.13	25	iPg	40	42.50	0.3
BNT	0.36	309	iPg	40	46.50	0.1
			iSg	40	52.50	
DST	0.59	153	ePg	40	51.00	0.0
			eSg	41	01.00	
CTT	1.02	6	iPg	40	58.00	-0.3
			eSg	41	12.00	
	S.D. = 0.5	on	4	of	4 obs.	
?	SEP 14, 1992	19h	28m	53.42±	3.14s	
	42.995 N ± 31.4km			104.667 E ± 12.7km		
	DEPTH = 10.0km			(geophysicist)		
	MONGOLIA				(334)	
	ML 3.8 (BJI).					
BT0	4.66	119	ePg	30	15.00	9.4X
BT0	4.66	119	Pg	30	20.80	15.2X
GTA	5.12	227	Pn	30	12.00	-0.1
			Sn	31	15.00	
HHC	5.57	110	ePn	30	18.60	0.1
LZH	6.93	186	P	30	38.00	0.4
			S	32	03.00	
XAN	9.54	158	eP	31	13.50	-0.3
	S.D. = 0.5	on	4	of	6 obs.	
	SEP 14, 1992	20h	33m	30.50±	0.17s	
	54.315 N ± 3.9km			166.672 E ± 2.3km		
	DEPTH = 37.6km			(71 depth phases)		
	5.5mb (118 obs.)			5.0Msz (22 obs.)		
	KOMANDORSKY ISLANDS REGION			(4)		
	CENTROID, MOMENT TENSOR			(HRV)		
	Data Used: GDSN					
	L.P.B.: 22S, 39C					
	Centroid Location:					
	Origin Time			20:33:32.7	0.4	
	Lot 54.70N 0.06			Lon 166.10E 0.08		
	Dep 15.0 FIX Half-duration 1.5					
	Moment Tensor;			Scale 10**17 Nm		
	Mrr= 1.23 0.05			Mtt=-0.85 0.08		
	Mff=-0.37 0.05			Mrt= 1.92 0.18		
	Mrf= 0.03 0.20			Mtf= 0.72 0.06		
	Principal Axes:					
	T Val= 2.43			Plg=57	Azm=345	
	N -0.22			17	102	
	P -2.20			27	201	
	Best Double Couple: Mo=2.3*10**17					
	NP1: Strike=327 Dip=23 Slip= 137					
	NP2: 98 74 73					
SMY	4.71	107	eP	34	42.13	1.2
PET	4.94	258	ePn	34	42.00	-2.3
	Z 14s		31.00um			
	N 14s		12.00um			
	E 14s		18.00um			
SKR	7.42	245	ePn	35	14.30	-4.7X
	Z 14s		6.00um			
	N 12s		5.30um			
	E 14s		8.20um			
ADK	10.30	97	eP	35	59.23	0.5
MGD	10.36	310	ePn	35	59.00	-0.6
	Z 11s		6.60um			
	E 11s		4.90um			
			e	38	06.00	
SEY	11.35	325	ePn	36	13.00	0.0
	Z 14s		12.00um			
KUR	15.13	241	iPc	37	03.00	0.0
	1.2s		440.00nm			5.6mb
	Z 16s		14.00um			4.6Msz
	N 16s		12.30um			
	E 16s		16.80um			
			eS			

[illegible]

			eS	54	42.00		WB2	78.99	211	iPd	45	32.50	0.8	GRI	83.77	337	P	45	57.49	0.7
WLF	75.11	347	Pc	45	10.00	0.2		0.9s	9.00nm			4.8mb			1.2s	130.70nm			5.9mb	
MLR	75.11	333	ePd	45	10.00	-0.2			e	45	42.20	31km		JVI	84.40	320	eP	46	00.20	0.1
MTUR	75.59	333	eP	45	17.00	4.1X	LSF	79.02	350	eP	45	31.70	0.0	EBR	84.50	350	eP	46	02.00	1.7
COZ	75.70	334	ePc	45	13.00	-0.5		1.0s	34.40nm			5.3mb			e			46	27.00	94kmX
FUR	75.80	343	eP	45	14.50	0.6	LSD	79.09	345	P	45	32.67	0.3	EROQ	84.50	350	iPd	46	01.59	1.2
UZD	75.89	338	e(P)	45	14.00	-0.4	LPL	79.09	346	eP	45	33.20	0.8	GMB	84.52	337	P	46	00.96	0.3
BHG	75.95	342	eP	45	15.60	0.9		1.1s	66.40nm			5.5mb		SOI	84.57	337	P	46	01.10	0.4
	1.3s	89.00nm			5.6mb		LPG	79.11	346	eP	45	33.50	0.9	ETOR	84.75	351	iPd	46	02.59	0.9
DZM	76.07	180	iPc	45	17.00	1.4		1.0s	78.40nm			5.6mb		GUD	85.09	353	iPd	46	04.10	0.6
CTA	76.15	200	iPc	45	16.40	0.3	ALN	79.33	331	iP	45	34.89	1.5	ESEL	85.26	348	iP+	46	05.93	1.8
			iP	45	26.40	32km	RSP	79.37	345	P	45	34.21	0.4	CVT	85.65	339	P	46	08.27	2.1
CDF	76.18	346	eP	45	15.70	-0.4	BOB	79.40	344	P	45	34.30	0.4		1.3s	164.70nm			6.1mb	
	1.1s	38.60nm			5.3mb		BNI	79.55	346	P	45	36.10	1.3	EPLA	85.79	354	eP	46	08.01	1.1
KBA	76.48	342	iPd	45	19.20	1.2	SKO	79.57	334	iP	45	35.00	0.3	TOL	85.84	353	iPd	46	08.00	0.9
	1.1s	147.00nm			5.9mb		Z	17s	1.02um			5.2mszX			1.6s	533.33nm			6.5mb	X
			i	45	30.70	38km		LR		25	15.50					eS	56	35.00		
WATA	76.55	343	iPc	45	18.40	0.1	RRL	79.67	346	P	45	36.06	0.5	ECHE	85.86	350	iPd	46	09.51	2.2
			i	45	29.60	37km	BHB	79.67	345	P	45	35.95	0.7	MBH	86.51	320	eP	46	10.40	-0.3
WTTA	76.61	343	iPc	45	18.80	0.1	RSM	79.69	341	P	45	37.30	2.0	EVIA	86.95	352	iPd	46	15.30	2.6
	1.3s	120.00nm			5.7mb		MME	79.75	343	P	45	37.65	1.7	STK	88.54	201	eP	46	25.00	5.1X
			i	45	29.90	36km	PCP	79.77	344	P	45	35.13	-0.7		1.0s	2.40nm			4.5mb	
MOTA	76.62	343	iPc	45	18.60	-0.1	SRS	79.81	333	eP	45	36.88	0.8	MAL	89.00	353	iPd	46	24.00	1.6
	1.4s	132.00nm			5.8mb		PGD	79.87	342	P	45	38.15	1.6	EJIF	89.35	354	eP	46	26.10	2.0
			i	45	30.00	38km		0.7s	61.10nm			5.7mb		BCAO	115.72	324	ePKPd	52	12.00	1.5
SLE	76.63	345	ePd	45	18.60	0.0	VAY	79.89	333	iP	45	37.40	1.0		1.6s	13.00nm				
HAU	76.71	347	eP	45	18.60	-0.4	CKI	79.92	344	P	45	36.90	0.3			id	53	11.00		
	1.3s	66.45nm			5.5mb		KNT	79.95	333	eP	45	38.00	1.2	ZOBO	123.38	70	PKP	52	25.00	-0.8
Z	20s	0.43um			4.8msz		RJF	79.96	349	eP	45	36.90	0.1		Z	20s	0.29um			4.9msz
SOTA	76.73	343	iPc	45	19.60	0.4		1.1s	31.00nm			5.2mb				LR	33	36.00		
	1.3s	146.00nm			5.8mb		Z	23s	0.52um			4.8mszX		LPB	123.60	70	(PKP)	52	37.00	11.1X
			i	45	30.50	36km	ARV	80.01	341	P	45	38.10	1.0	CNCB	123.89	70	PKP	52	28.00	1.3
FLN	76.73	351	eP	45	18.40	-0.6	PZZ	80.03	345	P	45	37.39	0.1	MAW	143.33	219	e(PKP)	53	05.00	4.2X
	1.5s	136.85nm			5.7mb		FIR	80.05	342	eP	45	38.50	1.3		1.1s	22.00nm				
Z	20s	0.43um			4.8msz		CRE	80.07	342	P	45	38.90	1.4	SPA	144.13	180	iPKPc	52	59.70	-2.7
PQO	76.78	283	iPc	45	20.00	0.1	ROB	80.12	345	P	45	37.08	-0.6		1.1s	84.52nm				
BSF	76.82	346	eP	45	19.10	-0.6	FIN	80.15	344	P	45	36.67	-1.2	S.D. = 1.0 on 301 of 330 obs.						
	1.0s	24.40nm			5.2mb		SOH	80.15	333	eP	45	38.64	0.7	* SEP 14, 1992 21h 47m 44.60±0.93s						
LDF	76.86	351	eP	45	19.10	-0.7	PII	80.24	343	P	45	38.40	0.2	13.755 N ±15.0km 92.041 W ± 9.1km						
	1.1s	42.25nm			5.4mb		STV	80.25	345	P	45	36.36	-2.1	DEPTH = 33.2km (3 depth phases)						
ZLA	76.93	345	ePd	45	20.20	-0.1	ENR	80.25	345	P	45	36.36	-2.1	4.6mb (10 obs.)						
FVI	77.06	342	P	45	20.70	-0.2	CAF	80.27	349	eP	45	39.10	0.6	OFF COAST OF CHIAPAS, MEXICO (68)						
PTJ	77.11	339	eP	45	21.40	0.1		0.9s	39.00nm			5.4mb		TPX	1.16	349	iP	48	06.00	1.4
GRR	77.13	352	eP	45	20.90	-0.4	GRG	80.28	333	eP	45	39.20	0.6				iS	48	29.00	
	0.9s	45.05nm			5.5mb		LFF	80.40	350	eP	45	39.50	0.4	SCX	3.02	349	iP	48	34.00	2.8
ZAG	77.18	339	eP	45	20.50	-1.1		1.0s	59.00nm			5.5mb					(S)	49	12.00	
LJU	77.25	341	e(P)	45	21.50	-0.5	OUR	80.43	332	iP	45	39.88	0.6	PBJ	4.20	310	(P)	48	43.00	-5.0X
VOY	77.39	341	eP	45	23.20	0.3	ASS	80.48	341	P	45	41.00	1.4	OXX	5.60	307	eP	49	10.00	2.1
OSS	77.42	344	ePd	45	23.60	0.4	IMI	80.49	345	P	45	38.62	-1.1				iS	50	22.00	
LLS	77.43	345	ePd	45	23.70	0.5	OHR	80.54	335	iP	45	39.70	-0.3	IISM	7.30	316	(P)	49	33.50	1.9
LPF	77.50	352	eP	45	23.00	-0.3	SBF	80.60	345	eP	45	40.40	0.1	IIT	7.97	312	(P)	49	43.00	1.6
	1.0s	35.00nm			5.3mb			1.1s	78.90nm			5.6mb		III	8.49	304	(P)	49	45.00	-3.5X
VBY	77.63	340	eP	45	23.50	-0.6	LPO	80.60	350	eP	45	40.50	0.3	TPM	8.51	309	(P)	49	46.50	-2.2
		ePcP	45	33.50				0.9s	52.90nm			5.5mb		UNR	8.81	310	(P)	50	05.00	12.0X
VVI	77.71	342	P	45	24.93	0.4	PAIG	80.90	332	eP	45	42.02	0.2	MRX	10.57	305	eP	50	15.00	-1.9
	1.3s	72.90nm			5.5mb		FRF	81.02	345	eP	45	42.70	0.3	COLM	12.41	297	(P)	50	40.00	-1.9
TRI	77.72	341	eP	45	25.00	0.4		1.3s	75.45nm			5.5mb		UYO	20.44	354	iPd	52	19.80	-2.1
		e	48	07.00			AQU	81.02	340	P	45	44.20	1.7	OLY	21.66	1	(P)	52	32.54	-1.8
		e	50	20.00			CDR	81.03	346	ePc	45	44.00	1.5	FNO	21.95	348	iPd	52	36.50	-0.7
		e	55	20.00			LRG	81.16	346	eP	45	43.70	0.6	FKO	21.95	348	e(P)	52	35.50	-1.7
VDL	77.73	344	ePd	45	25.80	0.9		1.1s	79.85nm			5.6mb		ALO	24.79	331	eP	53	04.49	-0.7
LOR	77.75	348	eP	45	24.30	-0.4	Z	17s	0.45um			4.9mszX			1.5s	18.36nm			4.4mb	

14d 22h

0.8s 5.25nm 4.7mb
 AVF 83.75 43 eP 00 11.60 -0.1
 SSF 83.79 43 eP 00 12.00 0.0
 LOR 83.97 43 eP 00 13.20 0.3
 0.8s 4.45nm 4.7mb
 SMF 84.11 44 eP 00 13.50 -0.1
 0.6s 2.25nm 4.5mb
 HAU 85.42 42 eP 00 20.00 -0.2
 PKI 138.85 3 PKP 07 00.00 -10.4X
 CHG 145.87 341 ePKP 07 23.50 1.0
 BDT 147.33 340 ePKP 07 26.50 1.7
 HYB 147.67 17 ePKP 07 29.70 4.3X
 NST 148.38 337 ePKP 07 33.50 7.0X
 GBA 150.89 21 PKP 07 37.70 7.4X
 S.D. = 1.3 on 33 of 40 obs.

? SEP 14, 1992 21h 48m 51.73±2.44s
 54.790 N ±44.9km 165.704 E ±23.0km
 DEPTH = 33.0km (normal)
 4.5mb (4 obs.)

KOMANDORSKY ISLANDS REGION (4)

FBA 24.86 47 eP 54 12.00 -0.1
 LZH 45.63 272 eP 57 10.50 -0.2
 1.5s 19.00nm 4.8mb
 KAF 59.16 339 eP 58 51.20 0.2
 NB2 62.76 346 P 59 15.10 -0.4
 0.5s 1.50nm 4.4mb
 HFS 63.27 345 eP 59 17.90 -0.9
 0.4s 2.30nm 4.7mb
 KHC 73.84 341 eP 00 25.00 0.6
 0.0s 0.00nm 0.0mb
 GEC2 74.09 341 eP 00 26.70 0.8
 0.8s 0.89nm 3.8mb
 S.D. = 0.7 on 7 of 7 obs.

SEP 14, 1992 22h 51m 54.16±1.41s
 42.930 N ±14.3km 0.178 W ±4.9km
 DEPTH = 5.0km (geophysicist)

PYRENEES (378)

ML 2.4 (LDG).

JAU 0.18 308 Pg 51 57.85 0.0
 Sg 52 01.32
 OGE 0.32 318 Pg 51 59.41 -1.2
 ESCF 0.33 297 Pg 52 00.91 0.2
 Sg 52 05.46
 LHE 0.33 267 Pg 52 01.88 1.1
 EPF 0.39 75 Pg 52 00.60 -1.5
 Sg 52 06.30
 ATE 0.41 292 Pg 52 02.06 -0.4
 Sg 52 08.49
 ISSF 0.46 282 Pg 52 03.25 -0.2
 Sg 52 10.46
 MADF 0.52 295 Pg 52 03.77 -0.8
 Sg 52 11.76
 LPO 2.01 29 Pg 52 29.20 0.1
 Sg 52 52.60
 LFF 2.12 18 Pg 52 30.90 0.3
 Sg 52 55.20
 CAF 2.57 38 Pg 52 39.50 2.3X
 Sn 53 02.50
 Sg 53 10.10
 RJF 2.67 27 Pg 52 40.60 2.0
 Sg 53 13.40
 LSF 3.54 20 Pg 52 56.80 5.9X
 Sg 53 38.70
 TCF 3.77 26 Pg 53 01.40 7.2X
 Sg 53 47.70
 S.D. = 1.1 on 11 of 14 obs.

SEP 14, 1992 23h 01m 40.59±0.34s
 53.061 N ±6.6km 159.926 E ±5.6km
 DEPTH = 37.0km (3 depth phases)
 4.9mb (48 obs.) 4.6Msz (3 obs.)

NEAR EAST COAST OF KAMCHATKA (218)
Felt (II) at
Petropavlovsk-Kamchotskiy.

PET 0.77 267 iPd 01 58.00 3.0
 is 02 10.00
 SKR 3.37 226 ePn 02 32.40 0.3
 SMY 8.58 87 (P) 03 43.25 -2.0
 YAK 18.36 311 eP 05 52.30 -1.4
 NIJ 21.51 231 P 06 27.90 -0.2
 MDJ 21.55 259 eP 06 27.00 -1.4
 MAT 22.45 231 eP 06 38.00 0.5

0.9s 46.22nm 4.9mb
 CHJJ 22.49 229 eP 06 38.80 0.9
 TMJ 22.60 232 eP 06 39.70 0.6
 TSRJ 24.32 233 eP 06 56.20 0.5
 BOD 25.97 299 eP 07 11.20 0.1
 0.8s 10.00nm 4.4mb
 IMA 26.13 42 eP 07 10.27 -2.4
 0.8s 3.47nm 4.0mb
 MBC 37.11 23 eP 08 49.00 0.4
 1.0s 4.00nm 4.2mb
 GTA 42.51 276 P 09 33.00 -0.9
 1.0s 14.00nm 4.6mb
 GYA 47.39 257 P 10 11.40 -1.7
 TNP 56.70 70 eP 11 23.70 0.8
 0.6s 2.56nm 4.4mb
 BW06 57.62 61 eP 11 29.50 0.2
 0.8s 3.81nm 4.5mb

GUN 58.80 276 P 11 33.48 -4.4X
 KKN 59.25 276 P 11 37.20 -3.6X
 0.5s 14.00nm 5.3mb

PKI 59.33 276 P 11 39.68 -1.8
 GKN 59.47 277 P 11 40.28 -2.0
 KAF 59.48 337 iP 11 40.40 -1.3
 0.3s 2.10nm 4.7mb
 DMN 59.48 276 P 11 40.70 -1.8
 RSSD 59.51 56 eP 11 42.24 -0.2
 0.7s 9.39nm 5.0mb
 SRU 59.69 64 eP 11 43.94 0.2
 0.0s 0.00nm 0.0mb
 PV10 61.03 64 eP 11 54.00 1.1
 NUR 61.27 337 eP 11 52.30 -1.6
 0.3s 3.00nm 4.9mb
 NB2 63.55 344 P 12 07.60 -1.5
 0.7s 6.70nm 4.9mb
 HFS 63.95 342 eP 12 10.20 -1.5
 0.4s 5.50nm 5.0mb

ALO 64.96 65 eP 12 06.20 -12.6X
 EKA 71.07 350 P 12 56.00 -0.4
 0.4s 5.40nm 4.9mb

KSP 72.03 337 eP 13 01.40 -0.8
 CLL 72.35 339 iPd 13 03.90 -0.1
 1.2s 25.00nm 5.1mb
 BRG 72.55 338 eP 13 04.80 -0.4
 1.2s 13.00nm 4.8mb
 WTS 72.91 343 eP 13 08.00 0.7
 0.8s 12.00nm 4.9mb
 PRU 73.24 337 ePKP 13 09.50 0.2
 Z 18s 0.40um 4.7Msz
 N 15s 0.40um
 E 18s 0.40um

MLR 74.22 328 ePc 13 15.50 0.3
 ENN 74.25 343 eP 13 15.50 0.4
 0.9s 17.00nm 5.0mb
 GRF 74.25 339 iPc 13 16.00 0.8
 1.0s 22.00nm 5.1mb
 Z 20s 0.07um 3.9Msz
 KHC 74.26 338 PKP 13 15.70 0.4
 1.1s 8.00nm 4.6mb
 Z 18s 0.50um 4.8Msz
 N 18s 0.10um
 E 18s 0.50um

ZST 74.29 335 e(P) 13 16.10 0.7
 GEC2 74.50 338 ePd 13 16.50 -0.3
 0.4s 2.03nm 4.4mb

GBA 74.75 272 P 13 16.90 -1.6
 SNF 74.77 344 P 13 18.60 0.5
 DOU 75.13 344 Pc 13 20.50 0.3
 WLF 75.27 343 P 13 24.00 3.0
 KBA 76.25 337 iPd 13 27.90 1.1
 1.1s 55.70nm 5.5mb

CDF 76.27 342 eP 13 26.90 0.1
 0.8s 11.55nm 4.9mb

WTTA 76.46 338 iPd 13 28.80 0.8
 1.2s 24.20nm 5.1mb

PTJ 76.71 335 iPd 13 29.60 0.3
 HAU 76.83 342 eP 13 29.90 0.0
 0.9s 11.30nm 4.9mb

BSF 76.92 342 eP 13 30.30 -0.2
 0.9s 8.70nm 4.8mb

FLN 77.20 347 eP 13 31.70 -0.1
 0.7s 12.80nm 5.1mb
 VBY 77.26 335 eP 13 31.50 -0.7
 LDF 77.31 347 eP 13 32.30 -0.2
 0.7s 6.70nm 4.8mb

GRR 77.62 347 eP 13 34.20 0.1
 1.0s 35.20nm 5.3mb
 LOR 77.99 344 eP 13 36.30 0.1
 0.9s 15.55nm 5.0mb
 LPF 77.99 347 eP 13 36.40 0.2
 0.9s 19.15nm 5.1mb
 LBF 78.24 343 eP 13 37.60 -0.1
 0.7s 5.30nm 4.7mb
 SSF 78.25 344 eP 13 37.90 0.3
 0.9s 12.30nm 4.9mb
 AVF 78.53 344 eP 13 39.60 0.4
 1.0s 24.00nm 5.2mb

SMF 78.59 343 eP 13 39.90 0.3
 0.8s 7.80nm 4.8mb

SKO 78.80 330 eP 13 40.40 -0.3
 BGF 78.85 344 eP 13 41.30 0.4
 LSD 79.12 341 P 13 43.47 0.7
 LPL 79.15 341 eP 13 44.10 1.2

0.9s 28.35nm 5.3mb
 LPG 79.17 341 eP 13 44.30 1.2
 0.9s 30.95nm 5.3mb

TCF 79.21 344 eP 13 43.40 0.4
 1.0s 18.40nm 5.0mb

MAF 79.22 344 eP 13 43.90 0.9
 0.9s 19.00nm 5.1mb

MFF 79.27 346 eP 13 43.70 0.5
 0.9s 12.80nm 4.9mb

LSF 79.36 345 eP 13 44.30 0.6
 0.9s 20.80nm 5.1mb

RSP 79.40 341 P 13 44.29 0.2
 BHB 79.69 341 P 13 45.11 -0.5
 RRL 79.71 341 P 13 46.75 0.8

PCP 79.72 340 P 13 45.42 -0.3
 OHR 79.78 330 iP 13 45.60 -0.5
 PZZ 80.05 341 P 13 46.95 -0.7

ROB 80.10 340 P 13 46.85 -0.9
 FIN 80.11 340 P 13 46.54 -1.3
 ENR 80.25 340 P 13 47.47 -1.2

STV 80.26 340 P 13 47.77 -0.9
 RJF 80.28 345 eP 13 49.40 0.7
 1.0s 12.20nm 4.8mb

IMI 80.46 340 P 13 49.11 -0.6
 CAF 80.56 344 eP 13 51.40 1.2
 0.9s 14.10nm 4.9mb

SBF 80.60 340 eP 13 52.30 1.8
 LFF 80.76 345 eP 13 52.30 1.1
 0.8s 12.75nm 5.0mb

LPO 80.94 345 eP 13 53.30 1.1
 0.9s 21.15nm 5.1mb

FRF 81.05 341 eP 13 53.20 0.4
 LRG 81.21 341 eP 13 54.40 0.8
 0.8s 18.55nm 5.1mb

LMR 81.29 341 eP 13 54.70 0.7
 0.9s 16.85nm 5.0mb

HRI 81.30 315 eP 13 54.40 0.0
 ZNT 82.49 315 eP 13 59.20 -1.3
 EPF 82.68 345 eP 14 02.00 0.6

0.9s 7.85nm 4.8mb
 MBH 84.69 314 eP 14 11.50 -0.3
 CNCB 128.07 65 PKP 20 45.90 0.9
 S.D. = 1.0 on 92 of 95 obs.

& SEP 14, 1992 23h 03m 24.07s
 58.037 N 151.647 W
 DEPTH = 0.3km

KODIAK ISLAND REGION (13)
<AEIC>. ML 3.1 (AEIC).

SYI 0.70 326 iP 03 38.10 0.1
 eS 03 48.05

CDD 1.38 311 iP 03 48.58 -1.8
 eS 04 07.47

XLV 1.42 358 iP 03 49.20 -1.9
 CNPM 1.51 8 eP 03 50.84 -1.6

AUI 1.60 325 eP 03 52.21 -1.4
 eS 04 12.93

AUE 1.60 327 eP 03 52.50 -1.2
 eS 04 13.83

HOM 1.63 0 eP 03 51.55 -2.5
 AUH 1.63 326 eP 03 53.22 -0.9

RS2 2.50 347 iP 04 04.02 -2.8
 REF 2.52 348 eP 04 03.70 -3.4
 RDW 2.53 347 eP 04 03.98 -3.2
 RDT 2.57 352 eP 04 05.28 -2.5
 SLKM 2.58 16 iP 04 03.95 -3.9
 DFR 2.62 349 eP 04 05.48 -2.9
 MPA 2.73 25 iP 04 05.77 -4.1
 BKG 3.06 354 iP 04 10.68 -4.0
 PTE 3.14 24 iP 04 11.47 -4.1
 SPU 3.16 356 eP 04 12.65 -3.4
 CKL 3.19 354 eP 04 13.66 -2.8
 CPKM 3.25 355 eP 04 14.35 -3.1
 CRP 3.25 356 eP 04 13.67 -3.8
 BGL 3.26 354 eP 04 14.40 -3.1
 CGLM 3.29 357 eP 04 13.91 -4.0
 NCG 3.39 356 eP 04 15.60 -3.8
 HIN 3.55 46 eP 04 16.77 -4.8
 SKT 3.96 1 eP 04 23.06 -4.3
 SGAM 4.13 50 eP 04 24.74 -5.0
 KAIM 4.19 60 eP 04 26.64 -4.0
 RAGM 4.29 54 eP 04 26.70 -5.4
 HMT 4.44 56 eP 04 28.78 -5.5
 TOA 4.92 32 P 04 37.20 -3.8
 SNH 5.02 61 eP 04 37.83 -4.7
 WAX 5.12 58 eP 04 39.10 -4.8

39 obs. associated

SEP 14, 1992 23h 44m 25.92±0.66s
 11.666 N ± 9.8km 86.989 W ± 6.7km
 DEPTH = 33.0km (normal)
 4.7mb (12 obs.) 4.7Msz (1 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 6.06 303 (P) 46 12.00 16.4X
 PBJ 9.44 301 (P) 46 38.50 -4.3X
 OXX 10.86 301 (P) 47 01.00 -1.4
 IISM 12.38 307 (P) 47 20.00 -2.8
 IIT 13.13 305 (P) 47 34.00 0.9
 TPM 13.72 303 (P) 47 41.00 0.2
 III 13.77 300 (P) 47 42.00 0.6
 UNM 14.00 304 (P) 47 46.00 1.5
 MRX 15.83 302 (P) 48 10.00 1.9
 PRM 22.71 10 eP 49 26.84 0.8
 JSC 23.11 12 eP 49 31.48 1.5
 PWLA 23.23 358 eP 49 31.24 0.1
 LHS 23.40 13 eP 49 34.54 1.8
 UYO 23.41 344 iPd 49 33.90 1.0
 OLY 24.08 351 (P) 49 39.58 0.3
 CEH 25.15 15 eP 49 50.98 1.3

0.6s 30.31nm 5.1mb
 FKO 25.32 340 iPc 49 51.10 -0.1
 FNO 25.32 340 iPd 49 50.50 -0.8
 ELC 25.59 356 eP 49 52.97 -0.8
 CBN 27.79 16 eP 50 15.00 1.1
 ALO 29.15 326 eP 50 27.01 0.5

1.0s 4.59nm 4.1mb
 TUC 30.02 317 eP 50 34.48 0.3
 1.0s 7.19nm 4.4mb

LVNJ 30.96 18 eP 50 42.49 0.3
 JFWS 31.26 355 eP 50 42.68 -2.2
 0.7s 10.26nm 4.8mb

TYNO 31.92 10 P 50 50.06 -0.6
 STCO 32.15 11 P 50 52.33 -0.3
 GOL 32.32 333 eP 50 54.61 0.1

0.8s 6.62nm 4.6mb
 iPcP 53 42.52

ACTO 32.39 9 P 50 54.35 -0.4
 WLVO 32.99 11 P 50 59.45 -0.4
 PV10 33.09 327 eP 51 01.00 -0.2

GLA 33.22 314 eP 51 01.97 -0.2
 ZOBO 33.46 146 eP 51 10.00 5.0X
 LPB 33.67 146 eP 51 11.00 4.3X

Z 20s 1.42um 4.7Msz
 LR 02 44.00

CNCB 33.97 146 eP 51 10.00 0.7
 SRU 34.42 327 eP 51 11.08 -1.5
 RSNY 34.47 16 eP 51 12.17 -0.6

0.9s 28.00nm 5.2mb
 PLM 34.82 313 eP 51 17.48 1.3
 MSU 34.91 324 eP 51 17.34 0.4

EMUT 35.08 327 eP 51 18.32 0.0
 PEC 35.32 314 eP 51 20.00 -0.2
 1.1s 10.76nm 4.7mb

CCH 35.46 144 (P) 51 18.00 -3.8X
 RSSD 35.52 339 eP 51 21.55 -0.5
 0.5s 4.31nm 4.6mb
 ePcP 53 50.15

DUG 36.43 326 eP 51 29.35 -0.3
 0.7s 1.49nm 4.0mb
 BW06 36.68 332 eP 51 30.79 -1.0
 1.7s 17.68nm 4.7mb
 ePcP 53 53.00

EMM 36.96 23 eP 51 34.75 0.9
 HVU 37.53 328 eP 51 38.22 -0.6
 BONR 38.31 318 eP 51 46.25 0.6

HHA 38.42 330 eP 51 45.92 -0.4
 LRM 40.35 332 eP 52 01.10 -1.3
 ORV 41.28 318 eP 52 11.55 1.7

LBFM 42.51 320 eP 52 20.36 0.2
 SES 43.37 338 eP 52 26.00 -0.9
 VGB 44.33 326 eP 52 35.59 0.9

DPW 44.55 330 eP 52 36.93 0.5
 RMW 46.11 327 eP 52 49.86 1.0
 BAO 47.18 124 Pc 52 54.50 -3.3X

e 53 00.00
 e 53 05.90
 MBC 66.85 352 eP 55 14.00 -2.3
 1.0s 5.00nm 4.6mb

ADK 80.74 321 eP 56 37.20 -0.2
 0.6s 24.71nm 5.4mb

WMQ 124.57 5 PKP 03 23.60 -0.2
 STK 131.07 238 ePKP 03 39.80 3.3X
 0.8s 1.80nm

WB2 139.47 253 ePKP 03 48.60 -4.1X
 0.6s 2.90nm
 WB2 139.47 253 iPKP 03 55.10 2.4

i 06 05.40
 e 06 45.30
 KKN 140.07 11 PKP 03 49.80 -4.0X
 DMN 140.21 11 PKP 03 50.20 -4.0X

PKI 140.31 11 PKP 03 51.80 -2.6
 QIZ 145.28 331 ePKP 04 01.00 -1.8
 LOE 149.86 343 ePKP 04 14.80 4.6X

GBA 150.52 32 PKP 04 11.20 0.0
 S.D. = 1.1 on 57 of 68 obs.

SEP 14, 1992 23h 54m 27.53±0.54s
 54.129 N ± 11.7km 166.660 E ± 5.4km
 DEPTH = 27.9km (3 depth phases)

4.8mb (44 obs.) 4.6Msz (6 obs.)
 KOMANDORSKY ISLANDS REGION (4)

PET 4.90 260 ePn 55 43.00 1.8
 SKR 7.33 246 ePn 56 14.10 -1.3
 ILT 15.46 21 iPc 58 06.00 1.1

YAK 20.81 307 eP 59 06.60 -2.2
 1.0s 50.00nm 4.9mb
 SVW 21.12 56 eP 59 14.30 2.3

IMA 22.64 43 ePd 59 26.04 -1.2
 1.0s 7.00nm 4.1mb
 CPKM 22.77 55 eP 59 31.02 2.4

CRP 22.80 55 eP 59 28.91 0.0
 SLKM 23.78 57 (P) 59 37.89 -0.3
 FBA 24.90 46 ePc 59 47.97 -1.0

0.9s 16.04nm 4.6mb
 TOA 25.62 53 eP 59 55.50 -0.4
 KLU 25.79 54 ePc 59 55.33 -2.2

MAT 26.36 240 eP 59 53.00 -9.9X
 MBC 34.53 24 eP 01 13.50 -1.3
 0.5s 3.00nm 4.5mb

NRI 37.11 325 iPd 01 35.50 -1.2
 1.0s 20.00nm 4.9mb
 e 01 50.00 56kmX

ZAK 37.82 291 eP 01 44.00 1.1
 1.1s 8.00nm 4.5mb
 YKA 39.70 45 eP 01 57.20 -1.2

0.8s 4.80nm 4.3mb
 LZH 46.22 274 eP 03 04.00 12.1X
 1.4s 33.00nm

pP 03 11.50 25km
 LZH 46.22 274 eP 02 53.50 1.6
 SES 47.80 59 eP 03 04.00 -0.1

LRM 49.98 64 eP 03 19.70 -1.4
 TNP 52.56 75 eP 03 40.63 -0.1
 1.0s 6.68nm 4.5mb

BW06 53.56 65 eP 03 47.79 -0.3
 1.2s 9.13nm 4.6mb
 TPNV 53.90 75 (P) 03 51.87 1.3

0.4s 8.71nm 5.1mb
 SVE 54.14 319 eP 03 44.00 -7.8X
 MSU 55.09 71 eP 03 59.71 0.3

eP 04 08.85 30km
 ARU 55.21 320 eP 03 59.00 -0.7
 RSSD 55.53 61 eP 04 01.69 -0.8

0.9s 10.37nm 4.9mb
 SRU 55.59 69 ePc 04 02.86 0.0
 PV10 56.92 69 ePc 04 13.80 1.2
 GOL 57.96 65 eP 04 21.03 1.2

1.1s 10.72nm 4.8mb
 KAF 59.97 340 iP 04 31.80 -1.4
 0.6s 7.30nm 5.0mb

NUR 61.77 340 eP 04 43.70 -1.7
 0.3s 4.10nm 5.0mb
 GUN 62.62 280 P 04 50.20 -1.7

KKN 63.06 281 P 04 51.80 -2.8
 GKN 63.27 281 P 04 55.00 -0.9
 DMN 63.29 281 P 04 51.20 -5.0X

NB2 63.53 347 P 04 55.70 -1.4
 0.6s 11.30nm 5.2mb
 UPF 63.69 343 iP 04 56.60 -1.4

HFS 64.05 345 eP 04 58.20 -2.3
 0.5s 6.70nm 5.0mb
 Z 19s 0.25um 4.4Msz

LR 29 55.00
 FVM 66.95 57 eP 05 17.33 -2.1
 0.6s 11.72nm 5.2mb

ELC 68.09 56 (P) 05 24.07 -2.4
 EKA 70.58 354 Pc 05 41.00 -0.5
 1.1s 9.70nm 4.8mb

KSP 72.49 341 eP 05 52.60 -0.4
 CLL 72.64 343 iP 05 53.60 -0.3
 1.3s 15.00nm 4.9mb

MOX 73.52 344 eP 05 58.70 -0.3
 1.1s 9.00nm 4.7mb
 PRU 73.64 342 eP 06 00.00 0.3

GRF 74.51 344 iPc 06 05.50 0.7
 1.1s 20.00nm 5.0mb
 Z 18s 0.40um 4.8Msz

KHC 74.64 342 P 06 06.00 0.4
 1.1s 8.00nm 4.7mb
 e 06 15.00 29km

e 07 03.50
 ZST 74.85 339 eP 06 08.30 1.5
 GEC2 74.89 342 ePc 06 07.20 0.1

0.6s 3.33nm 4.5mb
 e 06 10.30 10kmX
 e 06 17.60

CDF 76.36 346 eP 06 15.50 0.0
 KBA 76.66 342 iPd 06 18.90 1.6
 1.0s 29.70nm 5.3mb

WTTA 76.79 343 iPd 06 18.90 0.9
 1.1s 24.50nm 5.1mb
 HAU 76.89 347 eP 06 18.30 0.0

0.8s 6.45nm 4.7mb
 Z 21s 0.35um 4.7Msz
 FLN 76.91 351 eP 06 18.10 -0.3

Z 22s 0.43um 4.7Msz
 BSF 76.99 346 eP 06 18.70 -0.3
 LDF 77.04 351 eP 06 18.70 -0.4

0.8s 7.80nm 4.8mb
 GRR 77.31 352 eP 06 20.50 -0.1
 LPF 77.68 352 eP 06 22.80 0.2

0.6s 3.25nm 4.5mb
 LOR 77.93 348 eP 06 24.00 -0.1
 0.6s 3.45nm 4.6mb

Z 22s 0.30um 4.6Msz
 SSF 78.18 348 eP 06 25.50 0.1
 0.8s 5.65nm 4.6mb

LBF 78.20 348 eP 06 25.30 -0.3
 0.7s 1.85nm 4.2mb
 AVF 78.46 348 eP 06 27.20 0.3

0.9s 11.45nm 4.9mb
 SMF 78.55 348 eP 06 27.50 0.0
 GBA 78.66 277 P 06 28.30 -0.1

BGF 78.75 349 eP 06 28.80 0.2
 0.9s 5.10nm 4.5mb
 MFF 79.02 351 eP 06 30.40 0.4

TCF 79.09 349 eP 06 30.70 0.3
 0.8s 5.65nm 4.6mb
 MAF 79.11 349 eP 06 31.10 0.5

0.7s 5.75nm 4.7mb
 LSF 79.20 350 eP 06 31.40 0.4
 0.8s 3.65nm 4.4mb

LPL 79.27 346 eP 06 32.90 1.2
 1.1s 13.65nm 4.9mb
 LPG 79.28 346 eP 06 33.20 1.3

1.0s 14.60nm 5.0mb
 BOB 79.58 344 P 06 34.60 1.4
 MME 79.92 343 P 06 37.10 1.9

PGD 80.05 342 P 06 37.90 2.1
 CAF 80.45 349 eP 06 38.80 1.0

pP 26 09.00 75kmX

TIY	24.25	289	Pd	25	58.80	0.1	4.5mszx	DAU	80.40	48	eP	32	55.09	1.2	SEP 15, 1992 02h 28m 00.45±0.16s 21.042 S ± 5.5km 178.763 W ± 4.1km DEPTH = 580.7km (12 depth phases) 5.3mb (60 obs.)	
Z	15s	1.18um						ARUT	80.53	51	eP	32	55.48	1.1		
N	15s	1.15um						MSU	80.93	50	eP	32	57.42	0.8		
E	15s	0.77um														
HHC	25.18	296	P	26	08.40	0.8	4.7mb	EMUT	81.03	48	eP	32	59.20	2.1	FIJI ISLANDS REGION (181) CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 21S, 38C Centroid Location: Origin Time 02:28: 6.2 0.5 Lat 20.76S 0.06 Lon 178.85W 0.04 Dep 586.9 2.0 Half-duration 1.6 Moment Tensor: Scale 10**17 Nm Mrr=-1.63 0.09 Mtt= 1.03 0.14 Mff= 0.60 0.14 Mrt=-2.15 0.11 Mrf=-2.37 0.12 Mtf= 0.86 0.12 Principal Axes: T Val= 3.62 Plg=31 Azm=137 N -0.03 4 44 P -3.59 58 308 Best Double Couple:Ma=3.6*10**17 NP1:Strike=241 Dip=14 Slip= -73 NP2: 43 76 -94	
Z	16s	0.83um					4.3mszx	SRU	81.62	49	ePd	33	01.05	0.9		
N	15s	0.90um						GLA	82.29	56	eP	33	04.50	0.9		
BTO	26.31	295	eP	26	18.00	-0.2		RSSD	82.39	42	eP	33	04.98	0.9		
Z	15s	0.26um							1.3s	9.17nm			4.7mb		SVA 3.92 318 iPc 29 24.50 0.1 VUN 3.99 319 iPc 29 24.10 -0.9 DZM 13.80 263 iPd 30 58.00 0.8 iS 33 24.90 ScP 38 17.30 MRW 20.88 194 P 32 02.30 -1.9 S 35 18.00 BRS 26.68 251 iPd 32 56.50 0.4 ARMA 28.19 245 iPd 33 10.30 0.9 0.2s 37.00nm 5.7mb RMO 30.17 253 iPd 33 27.10 0.9 0.3s 57.00nm 5.7mb CNB 31.33 236 iPc 33 37.30 1.3 0.8s 232.00nm 5.9mb CAN 31.62 236 iPd 33 39.30 0.9 e 35 14.50 BWA 31.81 238 iPd 33 38.70 -1.3 e 35 14.10 CTA 32.73 265 iPd 33 48.50 0.7 0.9s 92.44nm 5.4mb i 33 57.00 29kmX i 36 16.50 iS 38 23.00 iScS 43 11.50 CMS 33.28 244 iPd 33 53.20 0.8 PMG 34.78 284 eP 34 06.00 1.1 TOO 35.00 234 iPd 34 07.60 0.9 0.8s 185.00nm 5.8mb iScP 39 16.40 LAT 36.07 288 ePd 34 16.20 0.6 STK 36.92 245 iPd 34 23.50 1.2 0.5s 57.20nm 5.5mb iScP 39 23.50 eS 39 27.10 iPcS 40 17.70 es 42 21.30 MNDI 39.28 287 eP 34 43.00 1.0 ADE 39.73 240 eP 34 46.00 0.7 WWKK 40.46 290 eP 34 52.00 0.7 ASPA 43.70 257 iPd 35 16.90 0.1 0.7s 267.50nm 5.9mb iPCp 36 50.70 ePP 37 15.50 iScP 39 50.40 iPCs 40 43.20 iS 41 04.00 iScS 44 13.80 MENI 43.80 289 iPd 35 16.00 -1.6 WB2 43.81 263 iPd 35 16.90 -0.8 0.3s 184.90nm 6.1mb iPCp 36 51.40 eS 41 03.20 FORT 48.43 247 iPd 35 52.10 -0.6 0.4s 41.00nm 5.3mb MTN 48.46 271 iPd 35 52.10 -1.0 0.3s 138.00nm 6.0mb WARB 49.99 253 eP 36 03.20 -1.1 0.3s 31.00nm 5.3mb SWI 52.70 286 iPd 36 24.00 -0.1	
N	14s	0.70um						PMO	82.41	113	iP	33	22.90	18.7X		
XAN	27.31	281	P	26	27.00	-0.3	4.5mszx	AFR	82.53	117	iP	33	02.40	-2.4		
MGD	27.44	10	eP	26	27.00	-1.1			1.0s	105.00nm			6.2mb X			
CIT	27.63	321	eP	26	33.20	3.2X		TPT	82.61	113	iP	33	25.30	20.1X		
YAK	29.74	349	eP	26	47.20	-1.6	4.9mb		1.0s	145.00nm						
Z	15s	33.00nm					4.4mszx	PPT	82.70	116	iP	33	04.20	-1.5		
N	14s	0.70um						PAE	82.75	116	iP	33	03.80	-2.2		
BOD	30.83	331	eP	26	42.20	-16.3X		VAH	82.76	113	iP	33	24.20	18.2X		
GYA	31.12	267	P	27	00.20	-1.3	4.5mszx	PPN	82.78	116	iP	33	05.20	-0.9		
LZH	31.20	286	eP	27	16.50	14.3X	4.4mszx	RUV	82.92	113	iP	33	26.50	19.7X		
Z	16s	0.73um							1.0s	75.00nm			5.8mb			
E	12s	0.44um						PV10	82.99	48	ePd	33	10.00	2.6X		
CD2	32.19	276	eP	27	09.80	-1.1	4.7mb	TVO	83.07	116	iP	33	06.40	-1.3		
ZAK	32.92	313	eP	27	18.00	1.2	4.2mszx	KSP	83.42	329	eP	33	09.50	0.5		
Z	16s	0.40um						BRG	84.41	330	eP	33	14.40	0.5		
N	16s	0.19um							1.4s	12.00nm			4.9mb			
E	14s	0.19um						CLL	84.47	331	eP	33	14.00	-0.2		
GTA	34.12	292	eP	27	26.50	-1.1	4.6mb	PRU	84.81	329	eP	33	17.20	1.2		
Z	12s	0.42um					4.4mszx	KHC	85.87	329	eP	33	15.00	-6.4X		
CHG	40.83	260	eP	28	24.30	0.3	4.6mb		1.3s	6.00nm			4.7mb			
WMO	42.90	301	eP	28	41.90	1.1	4.8mb	GEC2	86.03	329	ePKP	33	22.30	0.0		
NR1	46.62	337	eP	29	04.00	-6.1X	4.8mszx		0.8s	0.59nm			3.9mb			
Z	16s	0.80um														
E	16s	0.40um						MAW	116.32	205	ePKP	39	16.00	-8.6X		
GUN	47.95	279	P	29	22.16	0.6	5.0mb		1.0s	17.00nm						
PKI	48.46	279	P	29	26.18	0.7		ZOBO	148.13	65	PKP	41	19.00			
KKK	48.49	279	P	29	24.34	-1.2							41 19.00			
DMN	48.70	279	P	29	25.40	-1.8		LPB	148.31	66	PKP	40	28.00	2.3		
GKN	48.94	280	P	29	28.30	-0.7		CNCB	148.56	66	ePKP	40	31.10	5.4X		
PMR	51.45	35	eP	29	46.55	-0.9	5.0mb	CCH	150.30	65	ePKP	40	38.00	11.7X		
FBA	52.10	31	eP	29	52.28	-0.1	4.7mb						40 35.00	6.4X		
CTA	53.28	175	iPc	30	00.00	-1.6	4.7mb		S.D. = 1.3 on 68 of 97 obs.							
WB2	53.44	189	eP	30	02.10	-0.7	5.2mb		? SEP 15, 1992 02h 24m 05.00±1.84s							
ASPA	57.17	189	eP	30	32.10	2.3	4.7mb		19.557 S ±28.7km 178.109 W ±25.6km							
SVE	58.17	320	ePd	30	34.50	-2.0	4.7mb		DEPTH = 575.7 ± 17.2 km							
ARU	59.36	320	eP	30	43.00	-1.8	5.0mb		4.7mb (8 obs.)							
MBC	60.00	16	eP	30	48.50	-0.4	5.0mb		FIJI ISLANDS REGION (181)							
GBA	61.31	268	P	30	58.00	-0.6	5.0mb	VUN	3.59	295	iPc	25	26.20	-0.2		
POO	61.90	275	eP	31	05.50	2.8X	5.0mb	CMS	34.49	243	iPc	30	08.90	1.6		
MAIO	65.62	298	eP	31	27.00	0.2	5.0mb		0.3s	8.00nm			4.8mb			
GMW	69.60	46	ePc	31	52.56	1.0	5.0mb	TOO	36.38	233	iPc	30	24.30	1.5		
OBN	71.26	324	eP	32	14.00	12.6X	4.6mszx		0.7s	43.00nm			5.2mb			
Z	20s	0.30um						STK	38.12	243	iPd	30	38.70	1.7		
N	20s	0.20um							0.7s	8.80nm			4.4mb			
E	18s	0.10um						WB2	44.62	261	iPd	31	28.10	-0.7		
NEW	72.59	43	eP	32	10.00	0.4	4.9mb		0.7s	27.00nm			4.9mb			
LBFM	73.11	51	eP	32	13.04	0.1	4.9mb	ASPA	44.64	256	iPd	31	28.70	-0.2		
KIV	73.59	312	eP	32	16.80	1.2	4.9mb		1.1s	32.60nm			4.8mb			
SES	74.81	39	eP	32	22.00	-0.5	4.9mb	WARB	51.02	252	eP	32	15.40	-1.4		
MNK	76.27	326	eP	32	27.00	-3.5X	4.9mb		0.4s	7.00nm			4.4mb			
LRM	76.59	44	ePd	32	33.60	0.7	4.9mb	MBL	57.87	257	eP	33	03.20	-1.6		
NB2	77.73	338	P	32	38.20	-0.4	4.8mb		0.4s	13.00nm			4.6mb			
HHA1	78.06	46	eP	32	42.12	1.2	4.8mb	NANU	61.55	254	iPd	33	28.30	-0.8		
DUG	79.56	49	eP	32	49.82	0.7	4.8mb	SPA	70.56	180	iPd	34	22.50	-1.6		
BW06	80.05	45	eP	32	51.50	-0.3	4.8mb		1.0s	10.50nm			4.3mb			
								GEC2	149.27	345	ePKPd	42	44.90	-0.4		
									0.8s	1.65nm						
								FLN	150.80	3	ePKP	42	47.10	-0.4		
								LDF	150.99	3	ePKP	42	46.60	-1.2		
								GRR	151.15	4	ePKP	42	48.70	0.7		
								LPF	151.50	4	ePKP	42	49.50	1.0		
									0.5s	4.10nm						
								LBF	152.59	357	ePKP	42	52.20	2.0		
									S.D. = 1.4 on 16 of 16 obs.							

COL	54.36	246	eP	36	34.20	-1.4		1.1s	266.40nm	5.7mb		1.2s	21.00nm	5.3mb		
MBL	56.95	258	iPc	36	52.50	-1.1	TIA	83.11	313 Pd	39 27.70	0.7	YKA	97.30	25 eP	40 31.60	-0.8
	0.3s	36.00nm			5.1mb			1.8s	140.00nm	5.2mb		1.0s	3.60nm	4.7mb		
TNE	56.95	285	eP	36	53.00	-0.7	BMW	83.84	35 eP	39 31.18	0.7	ZAK	98.59	321 eP	40 41.00	2.6
KLB	57.18	245	iPd	36	54.40	-0.6	SNG	83.87	280 eP	39 33.80	2.6		1.0s	8.00nm	5.1mb	
	0.3s	21.00nm			4.9mb			0.9s	136.13nm	5.6mb		GKN	105.17	294 Pd	41 00.00	-8.6X
RKG	57.54	242	eP	36	57.40	-0.1	TUC	83.87	52 iPc	39 32.75	1.8	GKN	105.17	294 PKP	45 18.00	-1.5
BAL	58.19	246	iPd	37	01.10	-0.8		1.0s	17.35nm	4.6mb		NR1	110.61	338 iPKPc	45 27.50	-0.7
	0.5s	71.00nm			5.2mb				iP	41 35.63	569kmX	BAO	119.48	123 e(Pd	42 16.00	3.7X
MUN	58.45	245	iPd	37	03.50	-0.2	REF	83.95	13 eP	39 28.90	-2.0	BDF	119.53	123 e(Pd	42 18.00	5.5X
	0.9s	129.00nm			5.2mb		SVW	83.96	11 eP	39 29.31	-1.5	SVE	124.03	325 iPKPd	45 43.50	-10.8X
MRWA	58.98	248	iPd	37	06.70	-0.5		0.7s	20.43nm	4.9mb			1.0s	80.00nm		
	0.5s	33.00nm			4.9mb		AEKI	84.02	275 iPd	39 32.00	-0.1	ARU	125.23	325 ePKPd	45 45.50	-11.2X
NANU	60.57	255	iPc	37	17.50	-0.2	SHW	84.19	36 eP	39 31.75	-0.6		1.2s	120.00nm		
TANI	62.54	277	iPd	37	29.40	-1.2			epP	41 38.39	591km	MAIO	127.40	300 iPKPd	46 01.00	-0.6
KAKJ	68.92	325	P	38	08.30	-1.3	SLKM	84.50	14 eP	39 32.29	-1.1			e	48 09.00	
SPA	69.09	180	iPd	38	11.70	1.2	GLD	84.57	345 eP	39 32.00	-1.7	ASH	128.29	302 ePKP	46 02.40	-0.7
	1.0s	78.50nm			5.2mb			1.0s	70.00nm	5.2mb			1.5s	120.00nm		
		i		40	09.40	573km	VGB	84.58	37 ePd	39 34.49	0.4	KEV	128.86	349 ePKP	46 00.00	-3.2X
KKM	69.21	285	ePd	38	12.00	0.1	CPKM	84.76	13 ePd	39 33.46	-1.4	BUL	131.09	215 iPKPd	46 08.50	-0.6
	1.0s	108.00nm			5.3mb		LON	84.77	35 ePd	39 35.12	0.1		1.0s	10.00nm		
CHJJ	69.43	324	P	38	12.00	-0.7	CRP	84.77	13 eP	39 33.02	-1.8	KAF	135.47	343 ePKP	46 11.60	-4.4X
I1DJ	69.61	323	P	38	13.60	-0.2	PGC	85.10	33 eP	39 37.00	0.6		0.6s	13.80nm		
N1IJ	70.31	325	eP	38	15.50	-2.3	RMW	85.21	35 ePd	39 37.70	0.5	MOS	136.03	331 ePKP	46 16.00	-1.2
OFUJ	70.34	328	P	38	17.50	-0.5			epP	41 42.25	576km	OBN	136.88	331 ePKP	46 07.00	-11.8X
YAMJ	70.47	327	P	38	18.80	0.1	PMR	85.71	14 iPd	39 38.20	-0.9			i	46 18.00	
MTMJ	70.48	324	P	38	18.60	-0.3		1.2s	126.26nm	5.5mb		GRO	136.94	312 ePKP	46 18.00	-1.3
TSRJ	70.74	322	P	38	20.40	0.0	BJI	85.78	316 ePd	39 40.50	0.6		1.0s	110.00nm		
KAGJ	70.92	316	P	38	21.90	0.4		1.5s	120.00nm	5.4mb	NUR	13				

ETA	147.88	9	ePKP	46 45.70	7.9X		1.0s	22.80nm			1.0s	21.50nm					
ZNT	147.93	297	ePKP	46 38.30	-0.3	UZD	150.86	335	ePKP	46 48.50	6.0X		e	47 58.40			
KSP	147.99	342	ePKP	46 37.80	-0.3	DOU	150.89	356	PKPd	46 49.80	7.3X	TIC	164.46	156 PKP	46 59.46	-0.1	
	1.0s	138.00nm							ec	46 58.30			1.0s	28.50nm			
			id	46 42.30					e	49 08.30				e	47 58.80		
			i	46 47.40		WLF	151.17	353	PKPc	46 45.00	2.1		S.D. = 1.0 on 238 of 279 obs.				
			i	48 58.40					id	46 50.06			SEP 15, 1992 02h 59m 27.47±0.75s				
WIT	148.01	354	ePKP	46 43.00	5.0X				ec	46 58.00			38.289 N ± 7.2km 21.785 E ± 4.0km				
			e	49 01.00					e	49 05.00			DEPTH = 10.0km (geophysicist)				
FAM	148.07	303	ePKP	46 42.60	3.9X	FUR	151.76	346	ePKP	46 43.40	-0.5		3.8mb (7 obs.) 3.4Msz (1 obs.)				
SPC	148.09	336	ePKP	46 38.90	0.3				i	46 50.70			GREECE (364)				
			i	46 43.50					i	47 02.60			MD 3.8 (ATH), 3.6 (THE). ML 3.5				
ECB	148.12	9	ePKP	46 41.60	3.4X	KBA	152.23	342	iPKPc	46 43.90	-0.9		(TIR).				
ECB	148.12	9	ePKP	46 46.30	8.1X		0.8s	27.70nm				AGG	0.85	30	iPg	59 43.06	-0.8
ISR	148.20	325	ePKPc	46 43.00	4.3X				i	46 51.10				iSg	59 55.58		
MLR	148.28	326	ePKPc	46 38.00	-0.9				i	47 05.50		VLS	0.95	264	ePg	59 44.60	-0.9
ECP	148.36	9	ePKP	46 38.40	-0.2	CDP	152.26	351	ePKP	46 43.80	-0.9	ATH	1.56	101	ePb	59 57.00	1.8
ECP	148.36	9	ePKP	46 42.10	3.5X	FLN	152.31	2	ePKP	46 43.70	-0.9	IGT	1.68	318	ePb	00 00.50	3.5X
CLL	148.42	346	iPKP	46 38.30	-0.4		1.0s	16.60nm				LIT	1.89	17	iPbc	00 00.74	0.7
	1.6s	35.00nm				PTJ	152.43	337	e(PKP)	46 44.90	-0.1			iSb	00 26.50		
			i	46 43.00		WATA	152.46	345	iPKPd	46 44.20	-0.9			iSb	00 00.74	0.7	
			i	46 48.00					i	46 52.10		KZN	2.01	360	ePb	00 02.40	0.5
			pPKP	48 58.40		LDF	152.49	2	ePKP	46 44.00	-0.8	SRN	2.11	319	ePn	00 03.90	0.7
BRG	148.60	344	iPKP	46 39.00	0.0	WTTA	152.51	345	iPKPd	46 44.30	-0.9			iSn	00 35.50		
	1.3s	160.00nm					1.0s	89.90nm				PAIG	2.20	41	iPnd	00 04.38	-0.2
			i	46 43.70					i	46 52.40				iSn	00 32.50		
			i	46 49.00		MOTA	152.57	345	iPKPd	46 44.30	-0.9	FNA	2.51	353	ePn	00 10.82	1.8
			ipPKP	48 59.10			1.0s	54.50nm				THE	2.51	21	ePn	00 08.82	-0.1
SAGI	148.60	294	ePKP	46 39.70	0.0				i	46 52.20				eSn	00 41.10		
CSS	148.61	303	ePKP	46 44.00	4.4X				i	47 06.10		OUR	2.66	39	iPnd	00 10.94	-0.2
WTS	148.80	353	ePKP	46 39.00	-0.2				i	46 52.20		GRG	2.71	10	ePn	00 12.01	0.2
	1.0s	27.00nm				SQTA	152.66	345	iPKPd	46 44.70	-0.6	BERA	2.80	330	ePn	00 14.40	1.3
WTS	148.80	353	iPKP	46 44.00	4.8X		0.8s	27.90nm						iSn	00 52.50		
	1.1s	319.00nm							i	46 52.60		SOH	2.80	25	iPnc	00 13.66	0.4
			e	46 49.50		GRR	152.66	3	ePKP	46 44.50	-0.6	VLO	2.81	322	ePn	00 14.20	1.0
			e	49 05.00		HAU	152.79	352	ePKP	46 44.70	-0.6	OHR	2.92	345	iPn	00 16.50	1.7
MTUR	148.92	326	ePKP	46 41.50	1.7				i	46 53.00				i	00 21.10		
COZ	149.22	327	iPKPd	46 45.50	5.1X	FVI	152.83	342	PKP	46 52.40	7.1X	KNT	2.99	16	ePn	00 16.26	0.4
PRU	149.25	343	ePKP	46 39.50	-0.5	VAY	152.90	323	ePKP	46 52.80	7.2X			iSn	00 53.62		
	1.1s	77.50nm							i	47 08.40		VAY	3.09	11	iPn	00 18.00	0.9
			i	46 45.20					i	47 08.40		SRS	3.15	26	ePn	00 18.06	0.0
			e	46 52.40		BSF	152.90	352	ePKP	46 44.80	-0.8	TIR	3.39	335	ePn	00 22.00	0.5
PSZ	149.26	335	ePKP	46 43.50	3.3X	VOY	153.00	340	ePKP	46 49.70	3.9X	PHP	3.54	343	ePn	00 24.70	1.0
MOX	149.34	347	iPKP	46 39.90	-0.3				ePKPob	46 53.00		PRK	3.63	73	ePn	00 25.00	0.1
PPCY	149.40	303	ePKP	46 45.00	4.3X	LPF	153.01	3	ePKP	46 44.80	-0.8	SKO	3.69	356	iPn	00 27.00	1.3
CTT	149.48	317	ePKP	46 44.90	4.2X	VBY	153.02	338	ePKP	46 45.50	-0.2			iSn	01 17.00		
HOF	149.60	346	ePKP	46 40.70	0.1				i	46 53.80				iSb	01 30.80		
			i	46 46.00					i	47 07.80				iSg	01 39.00		
			i	46 53.50		SKO	153.07	325	iPKP	46 44.80	-1.1			LR	01 50.00		
SRO	149.95	337	ePKP	46 40.50	-0.6				i	47 08.50		LACI	3.70	335	ePn	00 24.50	-1.4
			i	46 46.50		LOR	153.75	356	ePKP	46 46.10	-0.5	EZN	3.85	65	ePn	00 27.00	-1.0
			i	46 54.90		SSF	153.98	356	ePKP	46 46.60	-0.3	KKS	3.93	345	ePn	00 32.50	3.4X
			e	48 15.70			1.3s	19.85nm				SDA	4.15	336	ePn	00 35.50	3.4X
ZST	150.05	339	ePKP	46 41.40	0.1	OHR	154.02	325	iPKP	46 46.00	-1.2	ULC	4.15	333	iPnc	00 32.34	0.1
			i	46 48.10			1.1s	85.00nm						iSn	01 18.37		
			i	46 56.30					i	46 55.00		NPS	4.31	133	ePn	00 38.50	3.9X
			e	49 04.80					i	47 12.40		BRT	4.38	308	P	00 36.10	0.5
ENN	150.11	354	ePKP	46 41.50	0.2	LBF	154.03	356	ePKP	46 46.40	-0.6	TDS	4.46	290	P	00 39.10	2.4
	0.9s	12.00nm				AVF	154.26	357	ePKP	46 46.50	-0.8	PVY	4.52	343	iPnd	00 39.21	1.7
ENN	150.11	354	iPKP	46 47.00	5.7X	SMF	154.37	356	ePKP	46 46.80	-0.7			iSn	01 31.37		
	0.9s	64.00nm				MFF	154.48	2	ePKP	46 47.10	-0.5	SOI	4.52	269	P	00 37.60	0.1
			e	46 55.00		BGF	154.51	357	ePKP	46 47.40	-0.3	TTG	4.56	336	iPnc	00 38.40	0.3
DST	150.16	314	iPKP	46 47.00	5.2X	TCF	154.81	358	ePKP	46 47.50	-0.6			iSn	01 29.59		
UCC	150.20	356	PKP-	46 47.00	5.6X		1.2s	17.25nm				BDV	4.59	331	iPnd	00 37.59	-0.8
			e	46 55.00		LSF	154.85	360	ePKP	46 47.40	-0.7			iSn	01 27.96		
VKA	150.25	339	ePKP	46 42.00	0.4	MAF	154.86	358	ePKP	46 47.70	-0.5	IVA	4.80	343	iPnd	00 43.07	1.5
			i	46 47.90		ORO	154.86	349	PKP	46 56.90	8.6X			iSn	01 38.20		
			i	46 57.00		LPL	155.17	351	ePKP	46 48.70	-0.2	HCY	4.85	330	iPnd	00 40.84	-1.4
			e	49 06.00		LPG	155.19	351	ePKP	46 48.70	-0.3			iSn	01 33.67		
KHC	150.29	344	PKP	46 41.00	-0.7	BNI	155.64	351	PKP	46 50.00	0.6	ATN	4.98	270	P	00 44.20	0.1
	1.0s	50.00nm				RJF	155.80	360	ePKP	46 49.10	-0.4	NKY	4.99	336	iPnd	00 44.22	-0.1
			i	46 47.60			1.2s	16.65nm						iSn	01 39.76		
			i	46 56.60		CAF	156.17	359	ePKP	46 49.80	-0.2	MGR	5.18	293	P	00 47.60	0.7
GRF	150.33	347	iPKPd	46 41.80	0.1	LPO	156.42	0	ePKP	46 50.00	-0.3	BRY	5.22	333	iPnc	00 46.36	-1.3
			id	46 48.10		BCAO	156.44	228	iPKPd	46 51.50	0.3			iSn	01 44.19		

15d 03h

VBY 8.70 328 ePh 01 33.30 -2.9
 e(Sn) 03 08.00
 VOY 9.70 325 e(P) 01 47.50 -2.6
 eS 03 34.70
 PSZ 9.72 352 e(P) 01 50.60 0.2
 LPG 13.30 308 eP 02 42.10 3.0X
 0.8s 3.75nm 4.5mb
 SMF 15.63 308 eP 03 13.10 3.8X
 1.0s 5.40nm 3.8mb
 LBF 15.70 309 eP 03 14.40 4.2X
 0.8s 4.45nm 3.7mb
 AVF 15.99 308 eP 03 17.70 3.7X
 SSF 16.02 309 eP 03 18.10 3.8X
 0.9s 6.40nm 3.8mb
 UPP 21.75 354 iP 04 18.10 -2.6
 HFS 22.46 349 eP 04 25.10 -2.7
 0.4s 1.50nm 3.8mb
 Z 18s 0.14um 3.4Msz
 LR 10 22.00
 NB2 23.72 347 P 04 38.90 -1.2
 0.5s 1.50nm 3.8mb
 EKA 23.92 324 P 04 41.00 -1.1
 0.8s 6.10nm 4.2mb
 S.D. = 1.2 on 51 of 61 obs.

? SEP 15, 1992 03h 46m 31.31±6.55s
 11.262 S ±60.3km 118.678 E ±28.5km
 DEPTH = 33.0km (normal)
 4.3mb (5 obs.)

SOUTH OF SUMBAWA, INDONESIA (291)

MBL 9.90 174 eP 48 54.70 0.2
 0.2s 21.00nm 6.0mb X
 eS 50 47.00
 NANU 11.63 195 eP 49 16.40 -1.7
 0.3s 20.00nm 5.9mb X
 eS 51 25.00
 WARB 16.64 154 eP 50 24.00 0.3
 eS 53 35.00
 WB2 17.38 122 eP 50 32.20 -0.9
 0.2s 3.40nm 4.1mb
 eS 53 44.90
 MRWA 18.04 188 eP 50 42.00 0.8
 0.3s 5.00nm 4.1mb
 eS 53 56.00
 ASPA 19.03 132 eP 50 54.10 0.7
 0.9s 7.40nm 3.9mb
 BAL 19.34 185 eP 50 58.00 1.1
 eS 54 30.00
 KLB 20.25 182 eP 51 13.50 6.8X
 0.3s 8.00nm 4.5mb
 eS 54 44.00
 MUN 20.74 186 eP 51 19.50 7.7X
 0.3s 125.00nm 5.8mb
 eS 54 58.00
 S.D. = 1.2 on 7 of 9 obs.

SEP 15, 1992 04h 07m 26.46±0.39s
 12.295 S ±8.2km 14.776 W ±8.5km
 DEPTH = 10.0km (geophysicist)
 5.0mb (22 obs.)

SOUTHERN MID-ATLANTIC RIDGE (410)

LIC 20.00 28 P 12 09.76 -0.8
 1.0s 56.50nm 4.9mb
 KIC 21.05 29 P 12 12.96 -0.2
 1.2s 85.00nm 5.0mb
 TIC 21.17 28 P 12 13.82 -0.6
 1.0s 127.50nm 5.3mb
 BDF 32.30 260 Pd 13 56.80 -1.4
 BUL 42.29 106 iPc 15 21.70 -0.6
 1.0s 9.50nm 4.5mb
 CNCB 51.57 258 eP 16 36.00 0.0
 LPB 51.70 259 eP 16 49.00 12.2X
 ZOBO 51.74 259 P 16 38.50 1.2
 TOL 52.86 10 eP 16 45.00 0.4
 MDZ 53.35 238 e(P) 16 47.90 -0.6
 EPF 56.77 13 eP 17 13.60 0.5
 LPO 58.53 13 eP 17 25.50 0.1
 LFF 58.67 13 eP 17 26.70 0.4
 CAF 58.96 14 eP 17 28.30 -0.1
 RJF 59.19 13 eP 17 29.90 -0.1
 1.2s 18.45nm 5.1mb
 Z 23s 0.43um 4.5MszX
 LSF 60.09 13 eP 17 36.40 0.2
 1.1s 15.65nm 5.1mb
 TCF 60.28 13 eP 17 38.00 0.5

1.0s 9.40nm 4.9mb
 LPG 60.72 17 eP 17 41.60 0.8
 1.1s 16.10nm 5.1mb
 LPL 60.73 17 eP 17 41.50 0.7
 1.1s 16.35nm 5.1mb
 SMF 61.00 15 eP 17 42.50 0.1
 AVF 61.02 14 eP 17 42.60 0.2
 0.8s 4.55nm 4.7mb
 SSF 61.31 14 eP 17 44.70 0.3
 1.0s 13.80nm 5.1mb
 LBF 61.35 15 eP 17 44.80 0.0
 1.2s 11.30nm 4.9mb
 LOR 61.59 14 eP 17 46.20 -0.2
 0.9s 6.20nm 4.8mb
 OHR 62.48 30 eP 17 43.00 -9.4X
 BSF 62.87 16 eP 17 54.30 -0.7
 HAU 62.91 16 eP 17 54.80 -0.3
 1.2s 24.70nm 5.3mb
 SKO 63.45 30 eP 17 51.00 -7.7X
 i 18 05.00
 CDF 63.53 16 eP 17 58.80 -0.5
 VBY 63.60 23 e(P) 18 07.00 7.3X
 KBA 64.24 21 e(P) 18 11.00 6.9X
 ENN 65.35 14 eP 18 19.00 8.1X
 0.9s 8.00nm 4.9mb
 GRF 65.82 18 eP 18 13.60 -0.4
 e 18 20.80
 GEC2 65.88 20 ePd 18 14.60 0.1
 1.1s 9.58nm 4.9mb
 ePd 18 21.10 21kmX
 e 18 26.20
 e 18 33.00
 e 20 29.50
 e 20 38.90
 e 20 53.20
 e 20 58.50

KHC 66.08 20 eP 18 22.20 6.4X
 1.1s 4.00nm 4.5mb
 e 19 02.50
 ZST 66.54 23 eP 18 25.30 6.6X
 WTS 66.70 14 eP 18 27.00 7.5X
 1.0s 18.00nm 5.2mb
 MOX 66.78 18 iP 18 26.60 6.4X
 1.3s 18.00nm 5.1mb
 PRU 67.14 20 eP 18 29.30 6.8X
 BRG 67.71 19 iP 18 33.10 7.1X
 1.1s 17.00nm 5.1mb
 MLR 68.24 30 ePd 18 30.00 0.4
 KSP 68.46 21 eP 18 37.80 7.1X
 SPC 68.56 24 eP 18 30.50 -1.1
 SPA 77.78 180 iPd 19 26.30 0.9
 1.0s 14.00nm 5.0mb
 NUR 79.07 19 eP 19 39.80 7.6X
 OBN 79.78 27 eP 19 43.00 6.9X
 KAF 80.81 18 eP 19 43.00 1.5
 MAIO 84.88 51 eP 20 12.00 8.9X
 FVM 86.46 310 eP 20 09.77 -1.0
 0.8s 16.21nm 5.3mb

OLY 86.49 307 (P) 20 11.61 0.6
 e 20 17.45
 S.D. = 0.7 on 34 of 50 obs.

* SEP 15, 1992 04h 19m 35.01±0.32s
 36.278 S ±8.1km 100.224 W ±10.4km
 DEPTH = 10.0km (geophysicist)
 5.1mb (20 obs.) 4.9Msz (16 obs.)
 SOUTHERN PACIFIC OCEAN (692)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 19S, 36C
 Centroid Location:
 Origin Time 04:19:38.2 0.3
 Lat 36.24S Lon 100.26W 0.05
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor: Scale 10**17 Nm
 Mrr= 0.22 0.05 Mtt=-0.57 0.06
 Mff= 0.34 0.08 Mrt= 0.06 0.16
 Mrf=-0.04 0.20 Mtf=-1.82 0.05
 Principal Axes:
 T Val= 1.76 Plg= 3 Azm= 52
 N 0.22 87 246
 P -1.98 1 142
 Best Double Couple: Mo=1.9*10**17
 NP1: Strike=187 Dip=88 Slip= 1
 NP2: 97 89 178

MDZ 25.99 92 e(P) 25 13.30 3.6X

ARE 32.24 60 eP 26 05.00 -1.2
 CNCB 34.52 64 P 26 27.00 0.8
 LPB 34.61 64 eP 26 30.00 3.1X
 Z 20s 3.55um 5.1Msz
 LR 32 12.00
 ZOBO 34.75 64 P 26 28.80 0.5
 1.2s 22.64nm 4.9mb
 LR 32 22.00
 RSTA 45.16 90 eP 28 06.90 13.2X
 e 28 17.10
 VAO 47.60 89 (P) 28 13.00 -0.1
 BDF 50.66 80 e(P) 28 36.00 -0.8
 e 28 40.00
 e 28 45.00
 SPA 53.91 180 iPc 29 00.50 -0.1
 1.1s 29.76nm 5.2mb
 Z 19s 1.10um 4.9Msz
 SNA 58.89 157 e(P) 29 34.70 -1.3
 0.9s 25.21nm 5.3mb
 PDCR 59.45 83 eP 29 50.80 10.3X
 NVL 62.92 160 eP 30 01.00 -2.3
 0.9s 16.00nm 5.2mb
 Z 19s 1.50um 5.2Msz
 N 19s 0.30um
 E 19s 1.20um

e 30 16.00
 e 30 29.00
 eS 39 31.00
 ePS 39 50.00

TUC 68.94 350 ePc 30 42.13 -0.1
 1.0s 12.32nm 5.1mb
 Z 19s 0.36um 4.6Msz
 UYO 70.29 5 iPd 30 49.90 -0.4
 PLM 71.00 345 eP 30 54.79 -0.1
 ALQ 71.09 355 eP 30 55.65 0.2
 1.3s 10.45nm 4.8mb
 Z 19s 0.60um 4.9Msz

FKO 71.22 2 iPc 30 56.70 0.7
 PEC 71.58 345 eP 30 58.38 0.1
 1.9s 37.67nm 5.2mb
 PWLA 71.79 10 eP 30 58.76 -0.7
 OLY 71.88 8 eP 30 58.41 -1.5
 ABL 72.95 344 eP 31 07.05 0.5
 BCH 73.46 343 eP 31 09.56 0.1
 ISA 73.56 345 eP 31 10.23 0.3

1.3s 23.40nm 5.1mb
 Z 21s 0.28um 4.5Msz
 TPNV 74.36 347 eP 31 15.33 0.7
 1.3s 51.92nm 5.4mb
 Z 21s 2.71um 5.5Msz

CEH 74.44 18 P 31 20.00 5.1X
 Z 20s 0.56um 4.9Msz
 FVM 74.45 8 eP 31 14.86 0.0
 1.0s 19.14nm 5.1mb
 ARUT 74.70 349 eP 31 14.94 -1.7
 MSU 75.23 350 eP 31 20.18 0.4
 SRU 75.62 352 eP 31 19.39 -2.5
 TNP 75.64 346 eP 31 21.96 -0.1

1.5s 59.05nm 5.4mb
 BONR 75.73 345 eP 31 21.41 -1.3
 GOL 75.75 356 eP 31 22.90 0.2
 0.9s 6.93nm 4.7mb
 Z 21s 0.39um 4.7Msz

ARN 75.87 343 eP 31 22.40 -0.8
 CMB 76.26 344 eP 31 26.04 0.7
 DUG 76.98 350 eP 31 29.80 0.4
 1.8s 37.55nm 5.2mb
 DAU 76.99 351 eP 31 30.06 0.4
 ORV 77.97 343 eP 31 35.07 0.4
 HVU 78.53 350 eP 31 38.31 0.4
 LTCM 78.73 343 eP 31 40.69 1.8
 HON 79.12 307 P 31 50.00 8.6X

Z 20s 0.71um 5.0Msz
 BW06 79.14 353 eP 31 41.29 -0.1
 1.5s 24.03nm 5.0mb
 JFWS 79.34 7 eP 31 43.17 1.0
 0.6s 7.53nm 4.9mb
 Z 20s 0.46um 4.8Msz

FHC 79.75 342 eP 31 44.68 0.2
 LBFM 79.76 344 eP 31 45.36 0.6
 HHA1 79.97 351 eP 31 46.10 0.4
 RSSD 80.10 357 eP 31 46.07 -0.4
 1.1s 13.57nm 4.8mb
 Z 19s 0.22um 4.5Msz

LVNJ 80.20 19 eP 31 46.50 -0.3
 TBR 80.65 20 eP 31 47.32 -1.9
 LRM 82.46 351 eP 31 59.00 0.1

HRV	82.66	21 eP	32 00.42	0.8		S.D. = 1.1 on 79 of 103 obs.	MLR	77.21	325 eP	16 43.00	0.8		
	0.8s	11.56nm		5.1mb			KHC	78.39	334 eP	16 48.50	0.0		
Z	21s	1.08um		5.2Msz		SEP 15, 1992 04h 27m 24.51± 0.75s		1.0s	3.50nm		4.3mb		
VGB	83.51	346 eP	32 03.45	-0.6		37.323 N ± 7.3km 21.964 E ± 5.8km		e		16 53.10			
RSNY	83.75	18 eP	32 03.92	-1.3		DEPTH = 10.0km (geophysicist)	GRF	78.57	336 e(P)	16 51.00	1.5		
	0.8s	15.72nm		5.3mb		3.7mb (2 obs.)	GEC2	78.61	334 eP	16 49.70	-0.1		
Z	19s	0.66um		5.0Msz		SOUTHERN GREECE (368)		0.8s	1.48nm		4.1mb		
LON	84.90	345 eP	32 11.17	0.2		MD 3.3 (ATH).	KBA	80.29	333 iPc	17 01.20	2.2		
BMW	84.94	344 eP	32 10.11	-1.1				0.9s	11.40nm		4.9mb		
DPW	85.30	348 eP	32 13.53	0.5	VLI	0.99 127 iPnd	27 44.40	1.2	S.D. = 1.3 on 28 of 31 obs.				
NEW	85.51	349 eP	32 15.00	1.0	VLS	1.38 308 ePn	27 55.50	5.7X					
	0.8s	19.17nm		5.3mb	ATH	1.53 64 ePn	27 50.60	-1.3	? SEP 15, 1992 05h 48m 07.14± 1.84s				
RMW	85.57	346 eP	32 12.75	-1.6	AGG	1.72 10 ePb	27 55.88	1.2	55.935 N ±35.9km 166.568 E ±22.7km				
GMW	85.86	345 eP	32 14.24	-1.5		iSb	28 17.68		DEPTH = 33.0km (normal)				
SES	86.83	353 eP	32 19.00	-1.4	LIT	2.80 8 ePn	28 10.32	0.1	4.4mb (5 obs.)				
YKA	99.11	353 eP	33 18.30	1.5		iSn	28 45.00		KOMANDORSKY ISLANDS REGION (4)				
	0.9s	1.40nm		4.6mb	PAIG	2.93 27 ePn	28 10.62	-1.3	FBA	23.72	49 ePc	53 16.51	0.0
PMR	105.27	338 PKP	38 10.00	11.5X	KEK	2.93 325 ePn	28 16.00	4.0X		0.8s	5.56nm		4.1mb
Z	20s	0.42um		5.0Msz	KZN	2.98 357 ePn	28 14.20	1.4	NB2	61.76	347 P	58 24.30	0.1
EPF	120.61	57 ePKP	38 29.30	1.0	OUR	3.39 27 ePg	28 17.45	-1.1		0.6s	2.50nm		4.5mb
	1.0s	5.60nm			SOH	3.66 17 ePn	28 22.48	0.1	CHG	62.10	262 eP	58 26.90	-0.1
BGF	123.54	54 ePKP	38 35.50	1.7		eSn	29 05.08		HFS	62.29	345 eP	58 27.10	-0.6
	1.0s	7.60nm			OHR	3.89 347 ePn	28 27.00	1.3		0.5s	2.10nm		4.5mb
AVF	123.94	54 ePKP	38 34.70	0.1	KNT	3.90 10 ePg	28 26.24	0.5	GEC2	73.16	342 eP	59 36.00	0.1
SMF	124.21	54 ePKP	38 35.60	0.5	SRS	3.99 18 ePn	28 26.56	-0.5		0.8s	1.53nm		4.1mb
LBF	124.41	54 ePKP	38 35.90	0.4	VAY	4.02 7 ePn	28 42.20	14.8X		e		59 45.90	
	0.9s	6.40nm			SKO	4.66 355 ePn	28 46.00	9.4X	KBA	74.92	341 iPc	59 46.90	0.6
LOR	124.42	53 ePKP	38 34.80	-0.7	SOI	4.75 281 P	28 37.90	0.1		0.9s	5.90nm		4.6mb
Z	21s	0.25um		4.9Msz	BRT	5.13 315 P	28 42.40	-0.8	S.D. = 0.5 on 6 of 6 obs.				
LPL	125.77	56 ePKP	38 39.70	1.2	ATN	5.22 281 P	28 44.60	0.1	& SEP 15, 1992 06h 15m 00.29s				
	1.1s	14.15nm			MEU	5.62 270 P	28 49.20	-1.0	62.959 N			149.550 W	
LPG	125.78	56 ePKP	38 39.90	1.3	HFS	23.43 350 eP	32 30.10	-4.3X	DEPTH = 83.4km				
	1.0s	8.40nm			NB2	0.5s 1.90nm		3.9mb	CENTRAL ALASKA (1)				
KHC	131.18	53 ePKP	39 01.50	13.1X		0.4s 0.50nm		3.5mb	<AEIC>				
CLL	131.20	50 e(PKP)	39 01.00	12.7X	S.D. = 1.1 on 15 of 21 obs.								
GEC2	131.20	53 ePKPc	38 49.40	0.9	* SEP 15, 1992 05h 04m 50.05± 0.91s								
	0.9s	1.86nm			46.610 N ±21.7km 153.198 E ±12.0km								
	e		38 58.10		DEPTH = 33.0km (normal)								
	e		39 01.40		4.7mb (17 obs.)								
	e		39 08.90		KURIL ISLANDS (221)								
	e		39 13.00		KUSJ	6.98 243 eP	06 27.90	-4.6X	HUR	0.04	296 eP	15 12.05	1.5
HFS	132.38	38 ePKP	38 49.00	-1.3		eS	07 42.40			eS		15 20.57	
	0.5s	1.20nm			ASAJ	7.84 255 P	06 45.80	1.2	RND	0.55	35 iP	15 14.81	-0.3
OHR	134.47	65 ePKP	38 56.80	1.9	HOJ	8.25 243 eP	06 48.60	-1.6		S		15 26.09	
MDJ	141.70	298 ePKP	39 08.20	0.1		eS	08 17.70		TRF	0.60	326 iP	15 15.57	-0.1
CN2	144.60	297 PKP	39 10.20	-2.9	MDJ	16.63 272 eP	08 43.10	1.1	MCK	0.82	19 iP	15 17.73	-0.1
DBN	145.16	44 iPKPc	39 13.90	0.2		1.0s 9.20nm		3.9mb		eS		15 31.26	
	0.9s	34.00nm			CN2	19.71 272 eP	09 15.80	-3.7X	GHO	1.23	166 eP	15 22.76	0.1
	i		39 19.00			Z 16s	0.53um			eS		15 40.30	
SNG	145.33	218 ePKP	39 09.00	-6.2X	SNY	21.69 268 eP	09 39.40	-0.4	SML	1.29	153 eP	15 23.38	0.0
SSE	145.35	274 PKPd	39 14.50	-0.2	HHC	30.36 274 Pc	11 01.40	0.4		eS		15 42.52	
MOS	145.55	42 ePKP	39 16.00	1.7		0.6s 22.00nm		5.1mb	PWA	1.32	187 P	15 23.80	0.0
	e		39 22.00		SNY	16.63 272 eP	09 15.80	-3.7X		S		15 40.80	
SNY	145.82	293 ePKP	39 13.00	-2.2		Z 16s	0.53um		SKT	1.35	224 eP	15 24.62	0.5
		pPKP	39 21.20			21.69 268 eP	09 39.40	-0.4		eS		15 41.92	
NRI	146.51	355 iPKP	39 17.20	1.7		30.36 274 Pc	11 01.40	0.4	PLRM	1.39	172 eP	15 24.53	-0.1
	1.7s	110.00nm				0.6s 22.00nm		5.1mb		eS		15 44.42	
NJ2	147.54	274 PKPc	39 20.80	2.5X	XAN	35.56 265 eP	11 45.80	-0.3	SCM	1.53	137 eP	15 26.43	-0.2
BOD	148.68	324 ePKP	39 19.80	0.5	LZH	37.95 272 eP	12 07.00	0.7	SUA	1.60	201 eP	15 27.54	-0.1
BOD	148.68	324 ePKP	39 26.20	6.9X		1.5s 40.00nm		5.1mb	KNK	1.63	161 eP	15 28.05	0.1
TIA	150.00	281 ePKP	39 26.70	4.7X	GTA	39.05 279 iPc	12 16.00	0.5		eS		15 49.71	
NNT	150.35	222 ePKP	39 29.50	6.4X		1.0s 9.00nm		4.5mb	NEA	1.64	7 eP	15 27.08	-0.9
KIV	150.81	63 (PKP)	39 37.70	14.5X	CD2	40.93 265 eP	12 31.00	0.1		eS		15 46.72	
		e	39 42.10		YKA	51.00 37 eP	13 48.50	-1.8	WRH	1.65	23 iP	15 27.49	-0.6
PYA	151.07	63 iPKP	39 40.00	16.6X		0.8s 1.50nm		4.0mb	PMS	1.72	180 P	15 29.10	0.0
BJI	151.26	289 ePKP	39 27.50	3.7X	CHG	52.14 257 eP	13 59.50	0.0	TOA	1.79	117 P	15 30.80	0.8
CIT	151.41	314 ePKP	39 25.20	1.5	GUN	55.07 275 P	14 20.26	-1.2	HDA	1.86	37 iP	15 30.17	-0.7
NST	152.61	227 ePKP	39 33.00	6.6X		55.56 275 P	14 24.30	-0.5		eS		15 52.47	
HHC	154.81	290 ePKP	39 31.60	2.7X	PKI	55.61 275 P	14 24.76	-0.5	CCB	1.86	24 iP	15 30.10	-0.8
GYA	155.11	254 ePKP	39 31.20	1.5		0.6s 25.00nm		5.4mb		eS		15 52.40	
ARU	155.31	29 ePKP	39 32.00	3.1X		0.6s 8.00nm		4.9mb	PAX	1.86	88 eP	15 31.17	0.1
CHG	155.76	229 ePKP	39 42.00	11.3X	DMN	55.79 275 P	14 26.30	-0.2		eS		15 53.89	
ZAK	157.96	317 ePKP	39 43.00	10.5X		0.8s 26.00nm		5.3mb	SDG	1.89	101 eP	15 31.80	0.4
	1.8s	10.00nm			GKN	55.87 276 P	14 26.60	-0.3		eS		15 56.48	
	e		40 11.00			0.5s 25.00nm		5.5mb	NCG	1.90	219 eP	15 32.62	-0.1
MAIO	163.64	84 ePKP	39 41.00	2.0	KAF	63.60 335 eP	15 17.90	-1.4	CGLM	2.02	216 eP	15 33.35	0.2
GTA	163.87	287 ePKP	39 39.00	-0.2		0.5s 2.70nm		4.6mb	DJE	2.04	57 eP	15 33.96	0.6
		pPKP	39 46.00		BW06	64.78 54 eP	15 25.79	-1.9	CRP	2.09	217 eP	15 34.32	0.1
		PKPob	40 32.00			1.0s 2.17nm		4.2mb	FBA	2.10	21 P	15 33.50	-0.6
PKI	170.09	210 PKP	39 43.16	-1.2	NUR	65.36 335 eP	15 24.50	-6.3X	PTE	2.12	173 eP	15 35.37	1.0
	0.5s	7.00nm			RSSD	66.87 50 eP	15 40.00	-1.0		S		15 59.01	
DMN	170.25	209 PKP	39 45.44	1.1		0.9s 3.49nm		4.5mb	CPKM	2.12	218 eP	15 35.14	0.5
	0.5s	11.00nm			PV10	68.00 57 (P)	15 50.00	1.8	TZL	2.12	114 eP	15 34.74	0.2
KKN	170.34	210 PKP	39 40.92	-3.4X		68.00 57 (P)	15 50.00	1.8	CKN	2.14	217 eP	15 35.61	0.9
	0.5s	19.00nm			HFS	68.61 340 eP	15 49.80	-1.5	SPU	2.14	215 eP	15 34.88	0.1
GKN	170.78	208 PKP	39 35.32	-9.2X		0.5s 3.30nm		4.7mb	BGL	2.16	219 eP	15 35.60	0.5
	0.5s	10.00nm			ALO	71.86 58 eP	16 14.70	2.9	CKL	2.20	218 eP	15 35.75	0.1
					CLL	76.62 336 iP	16 38.00	-0.6	KLU	2.25	129 eP	15 35.32	-1.0
						1.0s 8.00nm		4.7mb	GLM	2.25	24 iP	15 35.43	-0.8

15d 06h

BKG	2.29	215	eP	15	37.01	0.2
			S	16	05.69	
VZW	2.37	142	eP	15	37.29	-0.7
VLZ	2.38	139	eP	15	37.11	-0.8
			S	16	06.95	
GLI	2.39	150	eP	15	37.09	-1.0
MPA	2.48	178	eP	15	39.55	0.2
			S	16	10.46	
SLKM	2.48	188	eP	15	39.69	0.3
DOT	2.57	72	eP	15	40.98	0.3
			eS	16	12.34	
FID	2.65	145	eP	15	40.56	-1.2
KNIM	2.76	161	eP	15	42.25	-1.0
			eS	16	15.91	
DFR	2.80	213	eP	15	43.94	0.0
SEW	2.87	179	eP	15	44.50	-0.1
NCT	2.89	215	eP	15	45.87	0.7
REF	2.90	213	eP	15	46.21	0.9
RDW	2.93	213	eP	15	46.88	1.1
RSO	2.93	213	eP	15	46.95	1.1
RS2	2.93	213	eP	15	46.06	0.2
RS1	2.94	213	eP	15	46.49	0.6
HIN	2.95	149	eP	15	44.98	-0.9
TTA	2.95	272	eP	15	44.96	-1.0
GLB	3.09	117	eP	15	47.04	-0.8
SGAM	3.22	138	eP	15	48.65	-0.9
RAGM	3.47	136	eP	15	52.26	-0.9
CNPM	3.54	194	eP	15	53.29	-0.8
HMT	3.65	134	eP	15	54.18	-1.3
CROM	3.76	123	eP	15	55.84	-1.4
TGL	3.88	122	eP	15	57.50	-1.3
BALM	3.91	116	eP	15	57.43	-1.8
WAX	4.06	125	eP	15	59.86	-1.5
YAH	4.54	121	eP	16	05.88	-2.3

63 obs. associated

SEP 15, 1992 06h 23m 38.19± 0.56s
 45.568 N ± 5.4km 10.450 E ± 5.9km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 2.7 (VIE).

SAL	0.07	54	Pd	23	38.20	-2.3
			eSg	23	40.60	
BOB	1.07	222	P	23	58.10	-0.3
			eSg	24	14.80	
OSS	1.14	349	ePd	23	58.40	-1.2
VDL	1.14	324	ePd	24	00.00	0.3
TMA	1.23	297	ePd	24	00.10	-1.0
OGA	1.36	17	ePg	24	03.30	-0.1
LLS	1.65	323	ePd	24	08.10	0.7
SCE	1.71	30	iPg	24	08.30	-0.1
SOTA	1.73	17	iPg	24	08.30	-0.3
			iSg	24	32.50	
MMK	1.80	286	ePd	24	10.70	0.9
PII	1.85	178	P	24	10.00	-0.2
			eSn	24	33.00	
WTTA	1.88	25	iPg	24	11.10	0.2
			iSg	24	36.30	
CKI	1.92	234	P	24	12.00	0.8
FVI	1.92	57	P	24	11.70	0.5
			eSn	24	34.50	
PGD	1.92	151	P	24	10.50	-0.9
KBA	2.51	52	iPg	24	22.80	2.9
			iSg	24	55.80	

S.D. = 1.2 on 16 of 16 obs.

SEP 15, 1992 06h 49m 37.01± 0.99s
 39.897 N ± 10.5km 24.334 E ± 5.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.7 (THE).

PAIG	0.50	274	iPg	49	47.06	-0.2
			iSg	49	54.74	
OUR	0.51	328	iPg	49	47.94	0.5
SOH	1.19	321	ePb	49	58.94	-0.3
			eSb	50	17.78	
SRS	1.34	335	ePb	50	01.30	-0.4
			iSb	50	22.46	
EZN	1.53	92	ePn	50	04.70	0.3
ALN	1.64	52	ePb	50	05.66	-0.4
			iSb	50	26.06	
KNT	1.67	320	ePb	50	07.02	0.6
GRG	1.82	306	ePb	50	08.42	-0.1
			iSb	50	34.30	

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

SEP 15, 1992 06h 55m 48.47± 0.36s
 10.893 N ± 6.0km 86.370 W ± 6.5km
 DEPTH = 23.6km (4 depth phases)
 4.6mb (13 obs.) 4.1Msz (14 obs.)
 OFF COAST OF COSTA RICA (77)

PBJ	10.37	303	(P)	58	16.00	-2.9X
OXX	11.78	303	(P)	58	40.00	1.6
IISM	13.33	308	(P)	58	59.00	0.1
IIT	14.08	306	(P)	59	10.00	1.0
III	14.69	302	(P)	59	18.00	1.0
UNM	14.94	306	(P)	59	14.00	-6.3X
MRX	16.76	303	(P)	59	47.00	3.7X
HBf	22.62	13	(P)	00	50.43	1.6
PRM	23.37	8	eP	00	57.58	1.3
			e	01	04.88	26km
JSC	23.74	11	eP	01	01.72	1.9
LHS	24.02	11	eP	01	04.46	1.9
PWLA	24.03	357	eP	01	03.07	0.5
UYO	24.32	344	iPd	01	05.00	-0.4
GBTN	24.74	4	eP	01	11.02	1.5
OLY	24.93	350	eP	01	10.23	-1.1
LST	25.70	354	eP	01	17.81	-0.7
CEH	25.75	14	eP	01	20.14	1.1
	0.8s	67.79nm			5.3mb	
Z	18s	0.46um			4.0Msz	
FKO	26.25	339	iPd	01	22.90	-0.8
FNO	26.25	339	iPc	01	22.50	-1.2
ELC	26.40	355	eP	01	24.20	-0.9
BLA	26.75	11	eP	01	29.41	1.1
	0.9s	32.94nm			5.0mb	
NAV	26.78	10	ePc	01	29.00	0.4
FVM	27.22	353	(P)	01	31.26	-1.3
	0.7s	9.96nm			4.6mb	
SLM	27.84	354	P	01	50.00	11.8X
Z	21s	1.11um			4.4Msz	
ALQ	30.13	326	eP	01	58.46	-0.6
	0.8s	6.44nm			4.5mb	
Z	18s	0.15um			3.7Msz	
		ePcP			05 02.65	
TUC	30.99	317	P	02	20.00	13.5X
Z	22s	0.43um			4.1Msz	
LVNJ	31.51	17	iPc	02	11.32	0.5
JFWS	32.08	355	eP	02	14.29	-1.5
	1.0s	117.50nm			5.8mb X	
Z	20s	0.26um			3.9Msz	
ZOBO	32.48	146	P	02	19.00	-1.3
Z	20s	0.29um			4.0Msz	
		S			07 48.00	
		LR			13 22.00	
TYNO	32.58	9	P	02	19.94	-0.2
LPB	32.70	146	P	02	24.00	2.1
STCO	32.80	10	P	02	21.79	-0.3
CNCB	32.99	146	P	02	25.00	0.4
		e			05 09.00	
ACTO	33.05	8	P	02	24.16	-0.1
GOL	33.29	333	eP	02	26.25	-0.5
	0.7s	7.86nm			4.8mb	
Z	18s	0.17um			3.8Msz	
		ePcP			05 10.85	
WLVO	33.63	10	P	02	28.91	-0.3
HRV	34.05	20	P	02	40.00	7.1X
Z	19s	0.50um			4.3Msz	
PV10	34.06	327	eP	02	33.59	0.1
		ePcP			05 11.50	
CCH	34.48	144	eP	02	38.00	0.7
RSNY	35.05	15	ePc	02	41.36	-0.2
	0.8s	11.14nm			4.8mb	
Z	19s	0.43um			4.2Msz	
		e			02 48.62	24km
SRU	35.39	327	eP	02	43.22	-1.5
MSU	35.89	324	eP	02	48.85	-0.2
		ePcP			05 18.51	
EMUT	36.05	327	eP	02	50.64	0.2
ARUT	36.15	322	eP	02	51.85	0.7
RSSD	36.46	338	eP	02	53.92	0.2
	0.6s	3.95nm			4.5mb	
Z	22s	0.13um			3.7Msz	
		ePcP			05 19.91	
DAU	36.72	327	eP	02	55.83	-0.3
TPNV	37.38	319	eP	03	02.87	1.4
	0.6s	4.88nm			4.5mb	
Z	18s	2.18um			5.0Msz	
BW06	37.64	332	eP	03	03.20	-0.5
	0.8s	5.00nm			4.4mb	
		ePcP			05 23.00	

ISA	38.14	316	P	03	20.00	12.2X
Z	22s	0.43um			4.2Msz	
HVU	38.50	328	eP	03	10.94	0.1
BONR	39.29	319	eP	03	18.73	1.0
HHA1	39.39	330	eP	03	17.87	-0.4
LRM	41.31	332	eP	03	34.80	0.7
ORV	42.26	319	eP	03	42.51	0.8
LBFM	43.49	321	eP	03	51.50	-0.5
SES	44.31	338	eP	03	57.00	-1.3
NEW	45.27	331	eP	04	05.50	-0.5
	1.1s	7.41nm			4.5mb	
VGB	45.31	326	eP	04	06.97	0.6
DPW	45.52	330	eP	04	07.30	-0.7
		ePcP			05 47.30	
BAO	46.24	124	Pd	04	14.50	0.3
		e			04 20.90	21km
BDF	46.33	124	Pc	04	15.00	0.1
		e			04 21.80	23km
GMW	47.66	327	eP	04	23.39	-1.5
YKA	55.38	345	eP	05	21.50	-1.3
	1.0s	4.90nm			4.5mb	
SIT	59.36	331	P	06	00.00	9.1X
Z	20s	0.61um			4.7Msz	
PMR	67.67	333	P	07	00.00	14.4X
Z	23s	0.19um			4.3MszX	
MBC	67.70	352	eP	06	43.50	-2.1
	1.0s	5.00nm			4.6mb	
HON	69.12	289	P	07	10.00	14.7X
Z	19s	0.23um			4.4Msz	
LIC	80.37	85	P	07	59.00	-1.1
KIC	80.63	85	P	08	00.20	-1.3
ADK	81.72	321	eP	08	06.72	0.3
	0.7s	37.43nm			5.5mb	
ASPA	139.65	246	ePKP	15	20.30	3.4X
	0.9s	5.40nm				
WB2	139.82	252	ePKP	15	16.30	-1.0
	0.5s	3.90nm				
PKI	140.94	12	PKP	15	00.00	-19.6X
HYB	148.17	28	ePKP	15	34.50	2.9X
CHG	150.02	350	ePKP	15	39.20	4.8X
GBA	150.84	34	PKP	15	36.10	0.5

S.D. = 1.0 on 62 of 76 obs.

* SEP 15, 1992 07h 24m 14.04± 1.24s
 27.617 N ± 10.0km 34.293 E ± 11.4km
 DEPTH = 10.0km (geophysicist)
 RED SEA (554)

MD	3.8	(HLW).				
HQL	1.78	22	eP	24	45.33	0.4
AYN	1.96	50	iP	24	48.00	0.4
		eS			25 13.00	
WAJH	2.48	125	iP	24	55.00	-0.1
		eS			25 23.30	
SAGI	2.61	7	eP	24	56.80	-0.3
		eS			25 37.40	
KOT	3.16	317	ePn	25	05.00	0.3

RTBS	0.78	1	ePd	25 54.80	0.7	Origin Time	08:47:16.9	2.3	GOL	10.44	54	ePn	49 44.58	0.1			
			(S)	26 10.00		Lat 34.49N	0.22	Lon 116.67W	0.10			ePg	50 28.81				
JACH	0.98	256	iP	25 55.69	-0.1	Dep 15.0	FIX	Half-duration 1.1				eS	52 41.44				
			iS	26 13.51		Moment Tensor:	Scale 10**16 Nm		GLD	10.57	54	eP	49 46.20	0.1			
RTCV	0.98	54	iPd	25 55.10	-0.6	Mrr=-4.32	0.48	Mtt=-4.22	0.59	VGB	11.93	345	eP	50 07.17	2.7		
			S	26 12.30		Mff= 8.54	0.81	Mrt= 0.00	0.00			eS	53 42.42				
RTCB	1.11	31	iPd	25 57.00	0.1	Mrf= 0.00	0.00	Mtf= 3.98	0.49	LRM	12.12	13	eP	50 10.70	3.5		
			S	26 15.10		Principal Axes:				SHW	12.92	341	eP	50 19.47	1.7		
FCH	1.12	218	iPd	25 57.02	-0.2	T Val= 9.68	Pig= 0	Azm=106		LON	13.33	344	eP	50 24.82	1.7		
			iS	26 16.29		N	-4.32	90	180			eS	54 17.56				
PEL	1.24	236	iPd	25 57.95	-0.1	P	-5.36	0	16	BMW	13.45	339	eP	50 25.45	0.7		
			iS	26 16.57		Best Double Couple: Mo=7.5*10**16				RSSD	13.86	40	ePn	50 28.09	-2.2		
ROCH	1.40	248	iPd	25 59.54	-0.3	NP1: Strike=151	Dip=90	Slip=-180				S	54 41.02				
			iS	26 19.77		NP2:	241	90	0	DPW	13.86	355	ePn	50 31.30	1.1		
PCH	1.46	217	iP	26 00.36	0.0							eS	54 31.41				
			iS	26 22.96		PEC	0.69	256	iPc	47 23.88	-1.1	RMW	14.00	345	eP	50 34.75	2.8
TACH	1.72	225	iPd	26 03.02	0.0	PLM	0.82	211	iPd	47 26.55	-0.8			eS	54 43.35		
			iS	26 26.27		SSK	1.11	278	iPc	47 31.68	-0.7	NEW	14.20	358	eP	50 36.00	1.5
CHCH	1.78	214	iPd	26 04.05	0.3	ISA	2.36	313	iPnc	47 48.91	-1.9	GMW	14.31	342	(P)	50 39.50	3.5
			iS	26 29.47					iPg	47 56.16				(S)	54 55.71		
CACH	1.92	209	iPd	26 06.07	0.7				eS	48 25.29		MCW	15.38	344	eP	50 47.66	-2.3
			iS	26 32.72		ABL	2.49	289	iPnc	47 51.08	-1.7			i	50 57.99		
LCCH	2.04	239	iP+	26 06.73	0.1	TPNV	2.88	2	iPnd	47 57.70	-0.6	PGC	15.50	342	eP	50 58.50	7.0
LNV	2.22	227	iP	26 08.13	-0.6	BCH	3.27	291	ePnc	48 01.87	-1.9	FNO	15.65	80	iPd	50 57.00	3.4
			iS	26 35.25		PKEM	3.66	304	ePnc	48 07.94	-1.4	FKO	15.66	80	iPc	50 58.50	4.8
S.D. = 0.5 on 13 of 13 obs.									iPg	48 17.75		SES	16.78	12	eP	51 10.00	2.1
? SEP 15, 1992 08h 36m 58.59±0.99s						PHAM	3.76	299	ePnc	48 08.70	-2.0	UYO	18.14	84	e(P)	51 24.50	-0.4
39.109 N ±10.6km 27.689 E ±17.8km						FRI	4.00	318	ePc	48 12.35	-1.6	MRX	19.65	133	(P)	51 47.00	3.7
DEPTH = 10.0km (geophysicist)									eS	49 13.48		OLY	20.48	79	eP	51 53.95	2.0
TURKEY (366)						TNP	4.07	350	iPnd	48 14.04	-1.1	FVM	21.31	72	eP	52 00.23	-0.3
			iPg	37 13.90	0.0	PRI	4.09	302	eP	48 12.83	-2.6		0.9s	49.63nm		4.9mb	
			iSg	37 24.90		BONR	4.19	339	iPnd	48 16.25	-0.7	TPM	21.52	130	(P)	52 05.00	2.1
DST	0.88	55	ePn	37 15.50	0.0	ARUT	4.41	32	ePn	48 18.73	-1.3	LST	21.85	76	eP	52 06.47	0.6
KCT	1.25	24	iPn	37 21.90	0.1	LLA	4.53	306	eP	48 18.99	-2.6	JFWS	22.20	59	ePc	52 10.42	1.1
BNT	1.26	8	ePn	37 21.90	-0.1	PRS	4.68	300	ePd	48 20.99	-2.8		0.9s	25.16nm		4.7mb	
S.D. = 0.1 on 4 of 4 obs.						SAO	4.95	304	eP	48 25.23	-2.3	ELC	22.25	74	eP	52 10.81	1.0
% SEP 15, 1992 08h 41m 22.84±1.59s						TUC	4.99	109	ePnc	48 24.36	-3.8		i			52 13.81	
44.559 N ±10.5km 7.268 E ±15.2km									eP*	48 29.01		IISM	22.61	127	(P)	52 17.00	3.5
DEPTH = 35.6 ± 23.1 km						CMB	5.13	322	ePc	48 29.00	-1.1	PWLA	23.31	80	eP	52 22.71	2.4
NORTHERN ITALY (545)									eS	49 49.61		ODX	24.42	129	(P)	52 37.00	5.6
ML 2.0 (GEN).						KVN	5.17	345	ePnd	48 29.70	-1.1	GBTN	26.37	77	ePc	52 52.00	2.5
			S	41 33.90					eS	48 50.07		SIT	26.37	336	P	53 00.00	10.7
PZZ	0.13	246	P	41 29.47	0.1	ARN	5.33	309	Pnc	48 30.22	-2.8	Z	19s	1.80um		4.6Msz	
			S	41 33.90					eS	50 02.00		PRM	28.09	80	eP	53 08.24	3.1
BHB	0.28	359	P	41 30.50	-0.1	GCC	5.46	304	eP	48 31.56	-3.2	YKA	28.47	2	eP	53 10.70	2.4
			S	41 34.91		MSU	5.58	36	ePnc	48 35.88	-0.8		0.8s	3.20nm		4.2mb	
STV	0.32	173	P	41 30.93	-0.2				iP*	48 45.04		NAV	28.97	73	eP	53 11.88	-1.2
			S	41 36.47		PCC	5.97	307	ePd	48 39.48	-2.5	BLA	29.27	73	eP	53 19.20	3.4
ENR	0.35	162	P	41 31.47	0.0	BKS	6.10	310	eP	48 40.96	-2.7		0.8s	11.41nm		4.7mb	
RRL	0.50	317	P	41 33.70	0.0	ZSP	6.15	311	eP	48 41.94	-2.5	CEH	30.48	76	(P)	53 28.30	1.8
ROB	0.51	121	P	41 33.70	0.1	DUG	6.74	24	ePn	48 51.96	-1.0		0.7s	16.59nm		5.0mb	
S.D. = 0.2 on 6 of 6 obs.									eP*	49 00.66		LVNJ	33.47	66	eP	53 53.54	0.9
& SEP 15, 1992 08h 47m 11.27s									iPg	49 19.59		RSNY	33.69	59	(P)	53 56.00	1.4
34.064 N 116.361 W						NWRM	6.86	312	ePnc	48 51.25	-3.1		0.9s	12.08nm		4.8mb	
DEPTH = 9.2km						ORV	6.86	325	ePd	48 53.19	-1.2	TBR	33.87	65	ePc	53 56.92	0.8
4.8mb (19 obs.) 4.8Msz (4 obs.)						SRU	6.88	41	ePnc	48 54.83	-0.2	PMR	34.57	333	eP	54 03.50	1.6
SOUTHERN CALIFORNIA (43)									eS	50 45.57		HRV	35.82	63	eP	54 15.13	2.3
<PAS-P>. ML 5.2 (PAS), 5.6									iP*	49 06.65			1.0s	29.72nm		5.1mb	
(BRK), 4.9 (GS). Felt (V) at						EMUT	7.25	36	ePn	49 01.25	1.0	FBA	36.25	338	eP	54 16.74	0.5
Angelus Oaks and Big Bear City;									ePg	49 22.10		SVW	36.91	329	eP	54 22.40	0.5
(IV) at Apple Valley,									S	50 46.58		HON	38.74	262	P	54 50.00	12.4
Bloomington, Brea, Corlisbod,									eS	51 04.69		Z	21s	0.49um		4.3Msz	
Costa Mesa, Duarte, Garden						PV10	7.32	52	ePc	49 00.00	-1.1	IMA	38.89	337	eP	54 39.80	1.3
Grove, Hesperia, Highland, La						DAU	7.53	31	ePnc	49 04.78	0.6		0.7s	4.80nm		4.3mb	
Quinto, Mecca, Morango Valley,									eS	51 04.69		MBC	42.29	359	eP	55 08.50	2.3
Pianeertown, Temecula and Yucco									ePg	49 33.36			1.0s	29.00nm		5.0mb	
Valley; (III) at Alta Loma, Camp						MIN	7.54	328	eP	49 05.34	1.3	ARE	65.95	132	eP	58 05.00	4.6
Pendleton, Cerritos, Chino						LTCM	7.67	325	ePn	49 04.83	-0.9	LPB	68.13	130	eP	58 17.00	2.6
Hills, Covino, Crestline,						HVU	8.21	19	ePn	49 13.64	0.2			LR	09 34.00		
Escondido, Forest Falls,									ePg	49 46.45		CNCB	68.42	130	eP	58 17.00	0.7
Fountain Valley, Irvine, Laguna									eS	51 35.92				i	01 47.20		
Niguel, Lake Forest, Lomo Lindo,						ALO	8.22	81	ePnc	49 12.64	-1.1	CCH	70.02	129	eP	58 29.00	3.1
Mission Viejo, Norwalk,									ePg	49 44.22				e	59 23.00		
Oceanside, Ontario, Palm									eS	51 39.53		NB2	76.08	23	P	59 03.70	3.1
Springs, Pasadena, Placentio,						LBFM	8.49	331	ePn	49 18.33	0.9		0.9s	4.30nm		4.5mb	
Upland and Vista. Felt in ports									eS	51 39.47		HFS	77.57	23	ePKP	59 11.30	2.5
of Los Angeles, Orange,						FOX	8.86	319	eP	49 22.32	0.0	MFF	81.32	39	eP	59 31.80	2.5
Riverside, San Bernardino and						FHC	9.05	320	eP	49 26.02	1.0		0.9s	7.35nm		4.7mb	
San Diego Counties.						PTI	9.33	18	ePn	49 30.23	1.2	TCF	82.74	38	eP	59 40.10	3.4
CENTROID, MOMENT TENSOR (HRV)									ePg	50 03.04			0.7s	3.40nm		4.6mb	
Data Used: GDSN									eS	52 12.95		SSF	82.86	37	eP	59 41.00	3.7
L.P.B.: 11S, 17C						HHA1	9.73	17	ePn	49 34.87	0.4		0.9s	9.00nm		4.9mb	
Centroid Location:						BW06	10.20	30	eP	49 41.00	-0.1	BGF	82.88	37	eP	59 40.70	3.3
												LFF	82.88	40	eP	59 40.50	3.1
												LOR	82.89	36	eP	59 41.20	3.7

15d 08h

0.9s 7.35nm 4.9mb
 MAF 82.97 38 eP 59 41.30 3.4
 AVF 82.97 37 eP 59 41.30 3.4
 RJF 83.05 39 eP 59 41.80 3.5
 Z 23s 0.90um 5.1MsZ
 LBF 83.15 37 eP 59 42.30 3.4
 LPO 83.29 40 eP 59 43.20 3.6
 SMF 83.32 37 eP 59 42.90 3.2
 HAU 83.58 35 eP 59 44.50 3.5
 Z 21s 0.90um 5.1MsZ
 CAF 83.59 39 eP 59 44.50 3.4
 0.9s 7.85nm 4.9mb
 GDF 83.72 34 eP 59 45.50 3.7
 BSF 83.91 35 eP 59 46.20 3.4
 CLL 84.06 29 iP 59 47.30 4.0
 BRG 84.77 29 eP 59 50.40 3.5
 1.0s 10.00nm 5.0mb
 e 00 21.50
 LPL 85.54 36 eP 59 56.20 5.0
 GEC2 86.24 30 eP 59 57.90 3.5
 0.7s 0.69nm 4.0mb
 BJI 91.74 322 eP 00 05.00 -15.5
 0.8s 0.69nm
 Z 20s 0.48um 4.9MsZ
 MAW 146.41 179 e(PKP) 06 53.00 1.2
 0.9s 19.00nm
 BLF 147.84 92 ePKP 07 10.00 14.4
 SLR 148.37 84 iPKPd 07 02.50 6.0
 1.2s 31.25nm
 118 obs. associated

SEP 15, 1992 08h 52m 23.66±0.52s
 11.699 N ± 0.3km 87.061 W ± 5.6km
 DEPTH = 33.0km (normal)
 4.9mb (12 obs.) 4.6MsZ (8 obs.)
 NEAR COAST OF NICARAGUA (74)

PBJ 9.37 301 (P) 54 35.00 -4.5X
 OXX 10.78 301 (P) 54 58.50 -0.6
 IISM 12.30 307 (P) 55 20.00 0.5
 IIT 13.06 305 (P) 55 30.00 0.2
 TPM 13.65 304 (P) 55 37.50 0.0
 III 13.69 300 (P) 55 39.00 0.8
 UNM 13.92 305 (P) 55 42.50 1.3
 MRX 15.75 302 (P) 56 06.50 1.7
 PORP 20.72 70 P 57 03.60 -0.3
 CLLP 20.78 70 P 57 05.70 1.2
 PRM 22.69 10 eP 57 25.71 2.1
 JSC 23.09 12 eP 57 29.73 2.2
 PWLA 23.19 350 eP 57 28.60 0.1
 LHS 23.38 13 eP 57 32.01 1.7
 GBTN 24.00 6 iPc 57 37.55 1.2
 OLY 24.03 351 (P) 57 36.45 -0.2
 CEH 25.14 15 ePd 57 48.72 1.4
 0.9s 61.70nm 5.2mb
 Z 19s 1.35um 4.5MsZ
 ELC 25.55 356 ePc 57 50.07 -1.1
 NNA 25.63 156 eP 57 54.50 2.4
 CBN 27.78 17 eP 58 12.00 0.4
 TUC 29.95 317 P 58 40.00 8.7X
 Z 19s 1.57um 4.7MsZ
 JFWS 31.22 355 iPd 58 41.20 -1.1
 Z 20s 0.68um 4.3MsZ
 TBR 31.42 19 eP 58 44.51 0.5
 TYNO 31.90 10 P 58 47.83 -0.3
 STCO 32.13 11 P 58 50.20 0.0
 ACTO 32.37 10 P 58 52.03 -0.2
 WLVO 32.97 12 P 58 57.30 -0.2
 PV10 33.02 327 eP 58 58.09 -0.3
 HRV 33.53 21 P 59 10.00 7.6X
 Z 18s 1.27um 4.7MsZ
 SRU 34.35 327 eP 59 09.10 -0.7
 RSNY 34.46 16 iPc 59 09.98 -0.5
 0.8s 27.55nm 5.2mb
 MSU 34.84 324 eP 59 14.46 0.4
 EMUT 35.01 327 eP 59 15.22 -0.3
 ARUT 35.10 322 eP 59 16.49 0.3
 RSSD 35.46 339 eP 59 19.37 0.1
 0.8s 15.28nm 5.0mb
 Z 22s 0.35um 4.1MsZ
 ePcP 01 47.47
 DAU 35.68 328 eP 59 21.29 0.0
 ePcP 01 49.61
 DUG 36.36 326 eP 59 26.23 -0.6
 0.8s 2.94nm 4.2mb
 BW06 36.62 332 eP 59 28.00 -1.0
 0.8s 9.29nm 4.7mb

ISA 37.09 315 P 59 40.00 7.1X
 Z 19s 0.72um 4.5MsZ
 HVU 37.46 328 eP 59 35.20 -0.8
 TNP 37.62 319 eP 59 37.19 -0.3
 0.7s 2.52nm 4.2mb
 BCH 37.98 313 eP 59 40.98 0.6
 ePcP 01 58.22
 PTI 38.04 329 eP 59 40.75 -0.2
 BONR 38.24 319 eP 59 43.21 0.4
 ePcP 01 57.49
 PHAM 38.52 314 eP 59 45.77 0.9
 ARN 40.07 316 eP 59 59.09 1.3
 LRM 40.29 332 eP 59 59.30 -0.4
 e 00 10.60
 ePcP 02 03.80
 ORV 41.21 318 eP 00 08.15 1.1
 LBFM 42.44 320 eP 00 16.40 -1.0
 SES 43.32 338 eP 00 23.00 -1.2
 FHC 43.48 318 eP 00 25.18 -0.4
 0.8s 34.73nm 5.2mb
 VGB 44.27 326 eP 00 31.75 -0.2
 RMW 46.04 328 eP 00 46.75 0.7
 BMW 46.20 326 eP 00 46.39 -1.0
 BDF 47.34 124 Pc 00 55.80 -1.0
 YKA 54.43 345 eP 01 47.70 -2.1
 0.7s 9.50nm 4.9mb
 PMR 66.65 333 P 03 20.00 7.0X
 Z 21s 0.45um 4.6MsZ
 MBC 66.81 352 eP 03 11.50 -2.3
 1.0s 12.00nm 4.9mb
 FBA 67.26 336 eP 03 14.91 -2.0
 0.5s 2.29nm 4.5mb
 ADK 80.67 321 eP 04 33.58 -1.2
 0.8s 48.71nm 5.6mb
 GEC2 88.26 40 eP 05 10.80 -2.4
 1.1s 1.37nm 4.2mb
 TOO 126.55 232 ePKP 11 29.90 4.3X
 0.4s 19.00nm
 LZH 131.37 348 ePKP 11 31.30 -3.7X
 1.4s 26.00nm
 Z 20s 0.74um 5.4MsZ
 E 14s 0.45um
 pP 11 41.00
 sP 11 46.00
 PP 13 09.00
 XAN 132.04 342 ePKP 11 15.50 -20.6X
 ASPA 139.34 247 ePKP 11 49.30 -0.8
 0.9s 5.80nm
 WB2 139.41 253 ePKP 11 47.00 -3.3X
 0.9s 3.40nm
 WB2 139.41 253 iPKP 11 53.70 3.4X
 eSKP 15 18.30
 i 15 29.10
 HYB 147.77 26 ePKP 12 04.00 -0.7
 CHG 149.11 349 ePKPc 12 10.00 3.2X
 1.2s 39.06nm
 e 13 29.00
 eSg 35 28.00
 GBA 150.53 32 PKP 12 08.00 -0.1
 BDT 150.62 348 ePKP 12 10.00 1.8
 0.9s 72.90nm
 S.D. = 1.1 on 60 of 71 obs.

SEP 15, 1992 09h 03m 42.89±0.42s
 51.587 N ± 6.6km 159.350 E ± 6.8km
 DEPTH = 34.6km (6 depth phases)
 4.8mb (41 obs.) 4.5MsZ (4 obs.)
 OFF EAST COAST OF KAMCHATKA (219)

PET 1.50 344 iPnc 04 10.00 2.2
 SKR 2.25 247 iPnc 04 19.90 1.4
 Z 12s 8.30um
 N 12s 8.30um
 E 12s 11.90um
 MGD 9.78 334 ePn 06 04.00 -0.2
 KUR 9.93 235 ePn 06 10.00 3.8X
 SHO 11.44 232 ePn 06 22.50 -4.2X
 YSS 11.78 254 ePn 06 33.50 2.2
 Z 14s 0.80um
 E 14s 0.50um
 SEY 11.94 344 ePn 06 46.20 12.7X
 KUSJ 13.04 235 eP 06 42.30 -5.9X
 ASAJ 13.46 243 eP 06 54.00 0.3
 HOOJ 14.29 236 eP 07 00.50 -4.1X
 YAK 19.11 315 iPc 08 02.60 -2.6
 0.8s 287.00nm 5.6mb
 Z 14s 0.80um 5.2MsZ

N 14s 0.80um
 E 14s 0.70um
 19.55 25 eP 08 09.00 -1.1
 1.8s 95.00nm 4.8mb
 NIIJ 20.32 233 P 08 16.70 -1.8
 MDJ 20.96 262 eP 08 22.50 -2.5
 0.8s 15.00nm 4.4mb
 CHJJ 21.27 231 P 08 28.50 0.3
 MTMJ 21.43 234 P 08 30.90 0.9
 TSRJ 23.17 235 P 08 48.50 1.4
 CN2 23.94 264 eP 08 53.00 -1.5
 0.8s 6.10nm 4.2mb
 Z 15s 0.82um 4.3MsZ
 TIK 24.27 337 iP 08 57.00 -0.4
 SNY 26.16 262 Pd 09 15.20 -0.3
 0.8s 11.00nm 4.5mb
 BOD 26.41 302 eP 09 17.20 -0.5
 0.7s 19.00nm 4.8mb
 BJI 31.78 266 P 10 10.50 4.6X
 ZAK 34.58 291 ePd 10 30.00 -0.1
 1.0s 19.00nm 5.0mb
 Z 14s 0.49um 4.4MsZ
 N 12s 0.29um
 E 11s 0.29um
 SSE 34.67 249 eP 10 30.00 -1.1
 Z 20s 0.50um 4.3MsZ
 NJ2 35.35 252 Pd 10 37.00 0.1
 TIY 35.51 266 eP 10 37.80 -0.5
 Z 20s 0.50um 4.3MsZ
 N 18s 0.76um
 NRI 36.69 326 iPc 10 45.50 -2.2
 1.0s 34.00nm 5.2mb
 e 11 06.00 85kmX
 e 12 35.00
 MBC 38.61 22 eP 11 03.00 -0.8
 WHN 39.12 255 P 11 09.00 0.4
 YKA 44.59 41 eP 12 02.00 9.1X
 1.1s 2.80nm 4.0mb
 GYA 46.74 258 iPc 12 10.60 0.1
 1.2s 49.00nm 5.4mb
 KMI 50.12 261 Pc 12 37.00 0.1
 1.0s 30.00nm 5.3mb
 pP 12 46.50 32km
 LBFM 52.71 68 eP 13 02.10 5.8X
 SVE 53.08 317 ePd 12 57.50 -1.1
 KEV 54.10 341 iP 13 05.00 -0.9
 0.6s 14.30nm 5.2mb
 ARU 54.21 318 eP 13 05.00 -1.8
 Z 16s 1.00um 5.0MsZ
 N 16s 0.50um
 E 18s 0.50um
 PTI 57.08 61 eP 13 27.68 -0.3
 GUN 58.60 276 P 13 38.38 -0.7
 BW06 58.66 60 eP 13 38.00 -1.2
 0.9s 4.66nm 4.6mb
 KKN 59.06 277 P 13 41.68 -0.4
 PKI 59.14 276 P 13 42.52 -0.2
 DMN 59.30 277 P 13 43.52 -0.3
 GKN 59.31 277 P 13 43.12 -0.6
 RSSD 60.63 55 eP 13 47.64 -5.1X
 0.7s 9.97nm 5.1mb
 SRU 60.66 63 eP 13 51.37 -1.6
 KAF 60.69 337 eP 13 51.30 -1.3
 0.5s 9.90nm 5.2mb
 PV10 62.01 63 eP 14 01.20 -0.9
 NUR 62.48 337 eP 14 03.00 -1.6
 0.6s 12.40nm 5.2mb
 OBN 63.54 327 iPd 14 10.30 -1.3
 1.5s 28.00nm 5.2mb
 Z 16s 0.60um 4.9MsZ
 N 16s 0.50um
 E 16s 0.10um
 UPP 64.69 340 iP 14 18.40 -0.6
 NB2 64.86 344 P 14 19.20 -1.1
 0.7s 6.40nm 4.8mb
 HFS 65.24 342 eP 14 21.20 -1.4
 0.6s 15.80nm 5.3mb
 Z 16s 0.54um 4.8MsZ
 LR 29 26.00
 MNK 67.42 331 eP 14 33.00 -3.5X
 HYB 70.87 274 ePc 14 58.00 -0.3
 EKA 72.46 350 Pc 15 09.90 2.7
 0.6s 7.40nm 4.9mb
 KSP 73.25 337 eP 15 11.40 -0.5
 e 15 22.30 36km
 CLL 73.60 339 iPd 15 13.60 -0.3
 1.2s 13.00nm 4.8mb

UZH 73.63 332 eP 15 24.00 9.9X
 1.2s 45.00nm 5.3mb
 Z 16s 1.00um 5.2mszx
 E 16s 1.00um
 e 15 39.30 55kmX
 e 25 10.00
 BRG 73.79 338 e(P) 15 15.00 0.0
 1.4s 12.00nm 4.7mb
 e 15 26.00 36km
 GBA 74.46 272 P 15 18.90 -0.5
 PRU 74.47 337 eP 15 19.50 0.5
 Z 20s 0.40um 4.7msz
 N 20s 0.80um
 E 19s 0.30um
 e 15 30.40 36km
 MLR 75.29 328 eP 15 25.00 1.0
 KVT 75.37 319 iP 15 25.00 0.6
 ZST 75.48 335 iP 15 26.00 1.2
 KHC 75.50 338 P 15 25.50 0.5
 1.0s 5.70nm 4.5mb
 Z 20s 1.10um 5.2msz
 N 20s 0.50um
 E 20s 0.70um
 e 15 35.60 32km
 GEC2 75.73 337 ePc 15 26.30 -0.1
 0.8s 2.28nm 4.2mb
 e 15 33.10 22kmX
 e 15 35.10
 e 15 37.20
 e 15 42.50
 TRHT 75.93 319 eP 15 28.70 1.0
 KART 75.99 320 eP 15 29.30 1.1
 CTK 76.19 320 eP 15 30.60 1.4
 SGKT 77.39 322 eP 15 36.60 0.7
 KBA 77.47 337 iPc 15 37.10 0.9
 1.2s 33.20nm 5.2mb
 i 15 48.20 36km
 CDF 77.56 341 eP 15 35.40 -1.2
 WTTA 77.70 338 iPc 15 38.20 0.7
 PTJ 77.90 335 eP 15 38.50 0.0
 HAU 78.13 342 eP 15 38.60 -1.0
 ASPA 78.19 204 eP 15 39.70 -0.5
 0.8s 4.50nm 4.5mb
 FLN 78.55 347 eP 15 42.20 0.3
 LDF 78.67 346 eP 15 42.70 0.2
 GRR 78.97 347 eP 15 44.70 0.5
 1.0s 22.40nm 5.1mb
 LOR 79.30 343 eP 15 46.10 0.1
 0.7s 6.70nm 4.7mb
 LPF 79.35 347 eP 15 47.00 0.8
 LBF 79.55 343 eP 15 47.40 0.0
 0.6s 3.00nm 4.5mb
 SSF 79.56 343 eP 15 47.80 0.4
 0.7s 5.20nm 4.6mb
 AVF 79.85 344 eP 15 49.40 0.4
 0.9s 11.30nm 4.9mb
 SKO 79.90 329 eP 15 53.00 3.7X
 SMF 79.91 343 eP 15 49.60 0.3
 0.9s 7.35nm 4.7mb
 VAY 80.12 328 eP 15 50.60 0.1
 BGF 80.17 344 eP 15 51.10 0.4
 LPL 80.43 341 eP 15 53.20 0.8
 0.5s 3.00nm 4.5mb
 LPG 80.45 341 eP 15 53.50 0.9
 0.5s 4.45nm 4.7mb
 TCF 80.54 344 eP 15 53.50 0.8
 0.6s 3.50nm 4.5mb
 MAF 80.54 344 eP 15 53.70 1.0
 0.6s 6.60nm 4.8mb
 MFF 80.61 346 eP 15 54.10 1.1
 0.8s 6.45nm 4.7mb
 LSF 80.69 345 eP 15 54.30 0.8
 0.9s 15.05nm 5.0mb
 OHR 80.88 330 eP 15 55.80 1.2
 RJF 81.61 344 eP 15 59.60 1.3
 0.6s 5.60nm 4.8mb
 CAF 81.88 344 eP 16 01.30 1.5
 0.6s 3.80nm 4.6mb
 LFF 82.09 345 eP 16 02.50 1.7
 LPO 82.27 344 eP 16 03.20 1.5
 JFO 145.37 39 ePKP 23 12.10 -6.6X
 e 23 22.20
 S.D. = 1.1 on 87 of 100 obs.
 & SEP 15, 1992 09h 16m 26.39s
 34.069 N 116.370 W
 DEPTH = 1.4km

SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).
 PEC 0.68 255 iPc 16 39.79 -0.2
 PLM 0.82 210 iPc 16 41.91 -0.9
 S 19 41.68
 SSK 1.11 278 ePn 16 46.87 -1.2
 S 17 02.19
 GLA 1.64 128 ePn 16 55.20 -1.3
 ePg 16 58.00
 ISA 2.35 313 ePn 17 04.39 -2.4
 S 17 40.35
 BCH 3.26 291 (Pn) 17 19.64 -0.1
 6 obs. associated
 & SEP 15, 1992 09h 19m 14.36s
 34.069 N 116.360 W
 DEPTH = 0.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).
 PEC 0.69 255 eP 19 28.20 0.1
 PLM 0.83 211 iPd 19 29.85 -1.0
 SSK 1.11 278 ePn 19 35.30 -1.0
 eS 19 50.75
 ISA 2.36 313 ePn 19 53.50 -1.5
 TPNV 2.87 2 (Pn) 20 00.23 -2.2
 BCH 3.27 291 (Pn) 20 08.80 0.9
 6 obs. associated
 & SEP 15, 1992 09h 34m 03.48s
 34.070 N 116.360 W
 DEPTH = 0.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).
 PEC 0.69 255 ePd 34 16.36 -0.9
 PLM 0.83 210 iPd 34 19.19 -0.8
 eS 34 30.61
 SSK 1.11 278 ePn 34 24.50 -0.9
 eS 34 39.81
 GLA 1.63 128 ePn 34 31.12 -2.5
 ISA 2.36 313 ePn 34 41.74 -2.4
 ePg 34 46.62
 S 35 18.91
 ABL 2.49 289 ePn 34 44.68 -1.5
 TPNV 2.87 2 ePn 34 48.06 -3.5
 S 35 34.64
 BCH 3.27 291 ePn 34 56.00 -1.1
 eS 35 47.56
 BONR 4.18 338 ePn 35 08.46 -1.8
 iPg 35 22.75
 ARUT 4.40 32 (Pn) 35 10.81 -2.5
 MSU 5.58 36 (Pn) 35 26.65 -3.3
 11 obs. associated
 & SEP 15, 1992 09h 42m 54.17s
 34.069 N 116.362 W
 DEPTH = 0.8km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).
 PEC 0.69 255 ePc 43 07.11 -0.8
 S 43 16.36
 PLM 0.83 210 iPd 43 09.83 -0.8
 S 43 21.34
 SSK 1.11 278 ePc 43 14.80 -1.2
 S 43 30.97
 GLA 1.63 128 ePn 43 23.10 -1.1
 ISA 2.35 313 ePn 43 32.31 -2.4
 ePg 43 37.38
 eS 44 05.17
 ABL 2.49 289 ePn 43 34.80 -1.9
 ARUT 4.40 32 (Pn) 44 03.02 -0.9
 7 obs. associated
 & SEP 15, 1992 09h 44m 50.40s
 34.055 N 116.386 W
 DEPTH = 0.9km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).
 PEC 0.66 256 ePc 45 02.91 -0.7
 S 45 10.86
 PLM 0.80 210 ePd 45 05.40 -1.1
 S 45 16.92
 SSK 1.10 279 ePnc 45 10.77 -1.2

GLA 1.64 127 ePn 45 19.50 -1.1
 ISA 2.35 314 ePn 45 28.72 -2.1
 ePg 45 34.00
 S 46 04.55
 ABL 2.47 290 ePn 45 30.68 -2.1
 ARUT 4.43 32 (Pn) 46 00.71 0.3
 7 obs. associated
 & SEP 15, 1992 09h 54m 04.96s
 58.459 N 155.379 W
 DEPTH = 116.7km
 3.3mb (1 obs.)
 ALASKA PENINSULA (12)
 <AEIC>.
 MCNL 0.91 36 eP 54 25.12 -1.0
 BGM 0.94 5 eP 54 25.46 -1.0
 eS 54 41.70
 CDD 1.02 62 eP 54 26.26 -1.0
 eS 54 43.62
 AUI 1.34 48 eP 54 29.47 -1.2
 eS 54 48.75
 AUW 1.35 46 iP 54 29.73 -1.0
 AUH 1.35 47 eP 54 29.81 -1.1
 S 54 48.50
 AUL 1.37 47 eP 54 29.95 -1.1
 AUE 1.38 48 eP 54 30.08 -1.0
 PDB 1.47 24 eP 54 30.41 -1.7
 SYI 1.57 83 eP 54 31.63 -1.8
 eS 54 53.12
 OPT 1.63 42 eP 54 32.84 -1.3
 eS 54 54.95
 KDC 1.69 114 P 54 33.00 -1.8
 HOM 2.27 56 eP 54 39.89 -2.3
 eS 55 07.67
 CNPM 2.40 62 eP 54 41.35 -2.5
 eS 55 09.21
 RS1 2.41 33 eP 54 42.15 -2.1
 S 55 09.55
 RS2 2.42 33 eP 54 41.94 -2.4
 RSO 2.42 33 eP 54 42.14 -2.2
 eS 55 11.54
 RDW 2.42 32 eP 54 41.99 -2.3
 eS 55 11.13
 REF 2.45 33 eP 54 42.49 -2.3
 eS 55 12.82
 DFR 2.54 32 eP 54 43.46 -2.4
 RDT 2.61 34 eP 54 44.09 -2.6
 S 55 15.63
 SVW 2.66 357 P 54 45.50 -1.9
 S 55 13.80
 BKG 3.06 30 eP 54 50.16 -2.5
 NKA 3.11 41 eP 54 51.90 -1.4
 CKL 3.15 28 eP 54 51.44 -2.5
 BGL 3.19 27 eP 54 52.39 -2.1
 eS 55 31.10
 SPU 3.21 30 eP 54 51.99 -2.7
 CKN 3.21 29 eP 54 52.30 -2.4
 eS 55 30.48
 CPKM 3.23 28 eP 54 52.90 -2.2
 eS 55 30.39
 CRP 3.25 29 eP 54 53.12 -2.3
 eS 55 30.06
 CGLM 3.32 29 iP 54 53.75 -2.5
 SLKM 3.34 50 eP 54 53.41 -3.0
 NCG 3.37 27 eP 54 54.72 -2.2
 SEW 3.46 59 eP 54 54.55 -3.4
 MPA 3.68 54 eP 54 58.19 -2.8
 eS 55 37.45
 SUA 3.81 36 eP 54 59.80 -3.1
 PTE 4.03 50 eP 55 02.04 -3.6
 PMS 4.05 44 P 55 02.50 -3.6
 SDN 4.20 224 P 55 06.50 -1.5
 PWA 4.22 38 P 55 05.50 -2.8
 KNIM 4.34 61 eP 55 06.03 -3.9
 PLRM 4.44 42 eP 55 06.27 -5.0
 TTA 4.50 356 P 55 09.80 -2.4
 GHO 4.63 41 eP 55 09.18 -4.8
 MID 4.78 74 eP 55 12.41 -3.5
 GLI 4.85 56 eP 55 12.23 -4.7
 SML 4.87 43 eP 55 11.91 -5.3
 HIN 4.93 63 eP 55 13.95 -4.1
 FID 5.07 59 eP 55 15.19 -4.7
 SCM 5.26 47 eP 55 17.73 -4.8
 VLZ 5.30 56 eP 55 19.20 -3.7
 HUR 5.34 29 eP 55 19.72 -3.8
 SCAM 5.57 64 eP 55 22.55 -4.2

15d 09h

TRF	5.59	24	eP	55	22.91	-4.2
KLU	5.64	53	eP	55	23.09	-4.7
RAGM	5.80	66	eP	55	25.59	-4.3
KAIM	5.82	71	eP	55	26.92	-3.3
TOA	5.86	47	P	55	26.30	-4.5
RND	5.89	30	eP	55	26.04	-5.2
HMT	5.98	67	eP	55	28.30	-4.2
TZL	6.12	50	eP	55	29.88	-4.5
MCK	6.14	28	eP	55	29.88	-4.8
SDG	6.34	46	eP	55	33.49	-3.9
GLB	6.53	58	eP	55	35.67	-4.4
CROM	6.62	64	eP	55	37.39	-4.0
PAX	6.64	43	eP	55	36.55	-4.9
SNH	6.65	70	eP	55	37.85	-3.7
WAX	6.69	67	eP	55	37.89	-4.3
TGL	6.77	65	eP	55	39.15	-4.2
NEA	6.84	23	eP	55	38.22	-5.8
WRG	7.03	71	eP	55	43.29	-3.4
CCB	7.18	27	eP	55	42.66	-6.1
HDA	7.20	31	eP	55	42.85	-6.2
YAH	7.21	69	eP	55	45.99	-3.5
FBA	7.40	26	eP	55	45.61	-6.1
CTGM	7.53	65	eP	55	50.01	-3.7
GLM	7.56	27	eP	55	47.93	-6.1
PCA	7.92	72	eP	55	55.59	-3.3
BCPM	8.22	73	eP	55	59.28	-3.5
PNL	8.32	75	eP	56	00.41	-3.9
HQN	8.59	76	eP	56	03.71	-4.1
YKA	20.24	61	eP	58	27.10	-5.3

0.8s 1.30nm 3.3mb
B2 obs. associated

? SEP 15, 1992 10h 33m 13.77± 3.32s
39.139 N ±28.4km 27.607 E ± 9.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

DST	0.92	59	iPg	33	31.40	0.0
			eSg	33	44.00	
EZN	1.21	305	ePn	33	36.20	0.0
BNT	1.24	11	ePn	33	36.90	0.1
KCT	1.25	27	iPn	33	36.90	-0.1

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

? SEP 15, 1992 11h 32m 06.24± 2.26s
41.477 N ±17.2km 22.425 E ± 6.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.1 (SKO).

VAY	0.19	145	iPg	32	10.70	0.3
			iSg	32	16.50	
KNT	0.48	131	ePg	32	15.86	0.0
			iSg	32	24.98	
GRG	0.52	182	ePg	32	16.34	-0.4
THE	0.94	154	ePg	32	24.50	0.4
			iSg	32	40.57	
SRS	0.95	112	ePg	32	24.10	-0.2
			iSg	32	40.21	
SOH	0.96	133	ePg	32	24.50	0.0
			eSg	32	41.10	
FNA	1.05	229	ePg	32	26.21	0.1

S.D. = 0.3 on 7 of 7 obs.

& SEP 15, 1992 11h 42m 47.00s
36.923 N 121.690 W
DEPTH = 10.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.5 (BRK). Felt (IV)
at Aramos, Gilroy, Mt. Herman
and Watsonville. Felt (III) at
Boulder Creek, Pacific Grove,
Monterey, San Martin, Santa Cruz
and Sequel.

SAO	0.25	129	ePd	42	51.96	-0.4
GCC	0.27	294	iPc	42	52.40	-0.2
			eS	42	56.29	
MHC	0.42	5	iPd	42	55.63	0.0
			iS	43	02.06	
ARN	0.44	16	iPd	42	55.97	-0.1
PRS	0.64	156	iPd	42	59.18	-0.7
			eS	43	10.41	
LLA	0.67	117	ePd	42	59.69	-0.7
			eS	43	09.75	
PCC	0.80	316	iPc	43	01.46	-1.0
			eS	43	14.18	

BKS	1.05	336	eP	43	05.22	-1.5
ZSP	1.12	336	eP	43	06.40	-1.5
PR1	1.14	133	ePc	43	07.70	-0.6
			eS	43	25.31	
PHAM	1.50	136	eP	43	12.11	-1.9
CMB	1.52	43	iPc	43	12.53	-1.8
			eS	43	34.93	
PKEM	1.54	124	(P)	43	12.73	-1.8
FRI	1.59	87	eP	43	13.03	-2.2
			eS	43	34.20	
NWRM	1.80	329	eP	43	15.02	-3.3
BCH	2.17	143	(P)	43	20.70	-3.1
ORV	2.63	3	eP	43	28.31	-2.0
ABL	2.88	135	(P)	43	25.96	-8.0
BONR	2.89	68	eP	43	34.53	0.4
ISA	2.89	115	ePnc	43	25.32	-8.6
			ePg	43	32.23	
MIN	3.42	1	eP	43	44.38	2.8
TNP	3.74	71	(P)	43	44.44	-1.8
TPNV	4.36	88	(P)	43	58.74	3.8
LBFM	4.42	358	(P)	43	58.34	2.5

24 obs. associated

* SEP 15, 1992 11h 43m 26.81± 1.25s
6.749 S ± 6.8km 129.494 E ± 13.1km
DEPTH = 129.0 ± 15.7 km
4.8mb (2 obs.)

BANDA SEA (280)

SWI	6.11	17	iPc	44	56.50	0.5
			iS	45	05.00	
MTN	6.27	165	iPc	44	58.00	-0.2
			eS	46	03.00	
KNA	8.97	184	eP	45	34.00	-0.8
	0.3s		48.00nm		5.8mb X	
WB2	13.94	161	iPd	46	35.50	-4.5X
	0.3s		85.20nm		5.5mb X	
			eS	49	00.70	
MBL	17.11	212	eP	47	20.00	0.5
			eS	50	19.00	
ASPA	17.35	166	iPd	47	21.50	-1.0
	0.4s		87.30nm		5.4mb X	
			eS	50	21.50	
WARB	19.52	188	eP	47	46.60	0.1
	0.3s		4.00nm		4.3mb	
NANU	20.70	219	eP	48	00.00	1.5
CTA	20.98	131	e(P)	48	03.00	1.6
FORT	23.94	183	eP	48	31.00	0.8
QLP	24.21	146	eP	48	31.70	-1.1
	0.2s		26.00nm		5.4mb	
CHG	39.40	311	eP	50	47.00	1.3
GUN	54.41	311	P	52	42.22	-1.1
PKI	54.58	311	P	52	44.00	-0.6
KKN	54.79	311	P	52	44.52	-1.5
DMN	54.83	311	P	52	47.36	1.1
GKN	55.39	311	P	52	49.42	-0.8
CNCB	150.90	144	PKP	03	08.00	6.7X
ZOBO	151.22	143	ePKP	03	08.00	6.1X

S.D. = 1.1 on 16 of 19 obs.

? SEP 15, 1992 12h 27m 17.67± 4.04s
42.271 N ±25.3km 23.898 E ±24.1km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)
MD 3.0 (THE).

SRS	1.18	191	iPbd	27	39.30	-0.3
			iSb	28	00.92	
KNT	1.34	214	ePb	27	42.32	0.0
			eSb	28	05.28	
VAY	1.37	227	iPn	27	42.50	-0.3
SOH	1.50	196	ePb	27	44.00	-0.7
			eSb	28	10.72	
GRG	1.73	221	ePn	27	49.12	1.2
			iSn	28	18.72	
SKO	1.85	262	ePn	27	49.50	-0.2
OUR	1.94	178	ePn	27	51.36	0.4
			iSn	28	22.40	

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

% SEP 15, 1992 13h 11m 29.75± 3.98s
32.817 S ±19.7km 71.755 W ±23.1km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

ROCH	0.64	104	iPd	11	43.09	0.3
			iS	11	52.25	
LCCH	0.67	167	iPd	11	43.19	0.1
			iS	11	52.31	
PEL	0.96	110	iP+	11	48.26	0.3
			iS	12	01.24	
JACH	0.99	82	iPd	11	48.25	-0.3
			iS	12	01.44	
TACH	1.08	141	iPd	11	49.83	-0.2
			iS	12	04.03	
LNv	1.17	166	iP	11	51.06	-0.5
			iS	12	06.25	
PCH	1.31	128	iPd	11	54.03	-0.1
			iS	12	11.73	
FCH	1.33	113	iPd	11	54.16	-0.4
			iS	12	11.46	
CHCH	1.45	141	iP+	11	56.04	0.0
			iS	12	14.79	
CACH	1.62	144	iP	11	59.38	0.9
			iS	12	21.39	

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

? SEP 15, 1992 13h 11m 33.82± 3.89s
50.700 N ±32.3km 19.534 E ±25.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)

SPC	1.58	163	e(Pn)	12	02.30	0.2
			i	12	05.40	
			i(Sg)	12	21.60	
KSP	2.06	275	iPg	12	08.00	-0.9
			iS	12	31.80	
VRAC	2.35	235	ePn	12	07.40	-5.6X
	0.2s		5.00nm			
			eSg	12	30.50	
ZST	2.97	213	eP	12	21.20	-0.6
PRU	3.28	259	ePg	12	27.70	1.5
			e	12	54.50	
			Sg	13	04.00	
BRG	3.55	275	ePg	12	35.00	4.9X
			eSg	13	18.00	
KHC	4.16	250	eP	12	38.50	-0.2
			Sg	13	07.50	
			e	13	27.50	

S.D. = 1.3 on 5 of 7 obs.

% SEP 15, 1992 13h 52m 16.97± 0.58s
44.357 N ± 5.6km 7.383 E ± 5.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.8 (GEN).

STV	0.12	201	P	52	20.68	0.6
			S	52	23.25	
ENR	0.13	169	P	52	20.58	0.3
			S	52	23.45	
PZZ	0.25	306	P	52	22.22	-0.1
			S	52	26.12	
ROB	0.36	100	P	52	24.99	0.7
			S	52	30.83	
BHB	0.49	350	P	52	26.63	-0.3
			S	52	32.99	
IMI	0.58	141	P	52	27.55	-1.2
FIN	0.61	104	P	52	28.27	-1.0
RRL	0.71	323	P	52	31.14	0.1
PCP	0.85	77	P	52	34.42	1.0

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

% SEP 15, 1992 14h 02m 32.96± 0.71s
40.544 N ± 8.3km 31.013 E ± 5.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MG 2.7 (DDA).

GYN	0.29	229	iP	02	39.30	0.2
			eS	02	45.20	
NAL	0.41	147	eP	02	41.50	0.2
			eS	02	59.00	
GPA	0.59	245	ePg	02	44.90	-0.1
			eSg	02	57.70	
EYL	0.65	272	ePn	02	45.90	-0.2
SGKT	0.80	87	eP	02	48.00	-0.6
DVR	0.98	50	eP	02	52.00	0.5

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

SEP 15, 1992 15h 30m 25.13± 0.25s
8.663 S ± 6.3km 74.505 W ± 7.4km

DEPTH = 147.5km (2 depthphases)						LFP 85.53 40 eP 42 52.60 5.0X						iS 02 51.60					
4.7mb (29 obs.)						0.5s 4.25nm 4.5mb						CFA 2.31 81 eP 02 25.60 -0.1					
PERU-BRAZIL BORDER REGION (112)						MFF 85.67 42 eP 42 53.70 5.3X						S.D. = 0.9 on 11 af 11 obs.					
NNA 4.03 215 iPc 31 26.00 -0.4						GRR 85.75 40 eP 42 53.80 5.0X						* SEP 15, 1992 16h 52m 03.38±0.85s					
0.8s 149.25nm						LFF 85.78 44 eP 42 54.30 5.3X						29.969 N ±15.2km 60.582 E ±11.4km					
ARE 8.29 160 eP 32 35.00 11.0X						LPO 86.02 44 eP 42 55.50 5.3X						DEPTH = 33.0km (normal)					
ZOB 9.80 141 Pc 32 43.20 -1.2						FLN 86.11 40 eP 42 55.70 5.2X						4.2mb (6 obs.)					
LPB 10.01 142 P 32 47.10 0.2						CAF 86.68 44 eP 42 58.80 5.4X						SOUTHERN IRAN (353)					
CNCB 10.30 142 P 32 50.90 0.1						MAF 87.37 43 eP 43 01.60 4.9X						MAIO 6.38 352 ePn 53 39.00 1.4					
CCH 11.89 138 eP 33 10.00 -1.4						AVF 88.04 42 eP 43 05.00 5.2X						GKN 21.13 89 P 56 47.94 0.1					
ITB1 24.92 132 e(P) 35 37.00 0.8						SMF 88.33 42 eP 43 06.20 4.9X						DMN 21.61 90 P 56 53.20 0.3					
ITB 25.14 132 e(P) 35 49.10 10.9X						MBC 88.71 350 ePd 43 03.30 0.8						KKN 21.73 90 P 56 53.98 0.0					
SLB 26.03 31 eP 35 48.14 1.6						KLU 88.86 333 eP 43 03.42 -0.1						PKI 21.88 90 P 56 55.48 -0.2					
BAO 26.81 108 Pd 35 51.80 -1.9						LPL 90.03 44 eP 43 15.30 5.8X						GUN 22.22 89 P 56 57.92 -1.2					
						LPG 90.04 44 eP 43 15.50 5.8X						GBA 22.54 133 P 57 03.00 1.2					
						BSF 90.56 42 eP 43 17.30 5.5X						MLR 31.19 309 eP 58 15.00 -6.7X					
						FBA 90.81 336 ePd 43 12.44 0.0						KMI 37.54 87 eP 59 16.50 -0.1					
						CDF 91.00 41 eP 43 18.80 5.1X						NUR 38.78 332 eP 59 26.10 -0.1					
						ASPA 137.53 220 ePKP 49 34.90 0.9						KAF 39.12 335 eP 59 28.90 -0.2					
						WB2 139.81 225 ePKP 49 29.90 -8.3X						GEC2 40.10 312 ePd 59 38.00 0.5					
												HFS 43.36 328 eP 00 03.40 -0.5					
												NB2 44.83 328 P 00 14.70 -1.2					
												S.D. = 0.8 an 13 af 14 obs.					
												SEP 15, 1992 17h 07m 29.28±0.32s					
												21.335 N ± 6.5km 93.758 E ± 5.9km					
												DEPTH = 33.0km (normal)					
												4.7mb (22 obs.)					
												MYANMAR (296)					
RSTA 29.04 126 eP 36 24.00 10.4X						MTN 146.76 230 iPKPd 49 52.10 1.9						CHG 5.48 116 iPnc 08 52.00 1.2					
UYO 46.61 337 iPc 38 40.00 -0.2						MBL 147.19 205 ePKP 49 49.00 -1.8						BDT 6.41 129 ePg 09 03.60 -0.3					
OLY 46.75 341 ePc 38 40.04 -1.3						BJI 147.33 345 ePKP 49 50.00 -0.4						KHT 7.97 144 eP 09 25.50 -0.3					
FVM 48.73 343 ePc 38 55.43 -1.1						HHC 147.50 351 PKP 49 53.00 2.1						NST 8.26 132 eP 09 31.50 1.7					
0.6s 15.38nm 4.9mb						BTO 147.94 354 ePKP 49 55.00 3.4X						LOE 8.48 116 iPc 09 34.00 1.2					
ALO 52.85 327 ePc 39 27.44 -0.5						GTA 148.96 9 ePKP 49 54.00 0.7						LSA 8.66 345 eP 09 37.80 2.2					
0.8s 7.17nm 4.5mb						TIA 150.60 341 ePKP 50 01.30 5.7X						S 11 10.70					
TUC 53.46 321 ePd 39 31.85 -0.5						GBA 152.05 77 PKP 50 05.40 7.1X						KMI 9.08 64 eP 09 49.00 7.7X					
0.8s 8.15nm 4.6mb						HYB 152.38 69 ePKP 50 15.50 16.7X						1.5s 20.00nm 5.1mb					
PLM 58.02 318 eP 40 05.08 0.0						GKN 152.48 43 PKP 50 00.00 1.1						GUN 9.70 314 P 09 51.36 1.3					
SRU 58.12 327 ePd 40 05.02 -0.7						LZH 152.66 3 ePKP 50 07.00 8.1X						PKI 9.81 311 P 09 52.50 0.9					
MSU 58.59 326 eP 40 08.52 -0.5						SSE 153.31 329 PKPc 50 07.00 7.3X						KKN 10.04 311 P 09 55.96 1.4					
EMUT 58.78 328 P 40 10.26 -0.1						pPKP 50 46.20						DMN 10.05 310 P 09 55.94 1.2					
ARUT 58.80 324 ePd 40 10.34 -0.1						NJ2 153.63 334 PKPc 50 07.50 7.4X						NNT 10.40 146 eP 10 01.20 1.9					
RSSD 58.95 336 eP 40 10.84 -0.6						pPKP 50 46.00						GKN 10.62 310 P 10 02.16 -0.3					
0.8s 7.51nm 4.7mb						XAN 154.55 353 ePKP 50 02.30 0.9						HYB 14.87 257 eP 10 58.50 -0.4					
DAU 59.45 328 iPd 40 14.80 -0.2						S.D. = 0.9 an 47 af 73 abs.						S 13 30.00					
TPNV 59.90 322 ePc 40 18.68 0.7						? SEP 15, 1992 16h 01m 49.11±2.74s						LZH 17.14 29 eP 11 30.00 2.0					
DUG 60.13 327 iPd 40 19.37 0.0						32.009 S ±22.5km 70.909 W ±21.4km						1.5s 19.00nm 4.0mb					
0.7s 6.45nm 4.7mb						DEPTH = 70.4 ± 30.6 km						GBA 17.35 246 P 11 35.00 4.3X					
HVV 61.23 328 ePc 40 26.22 -0.7						CHILE-ARGENTINA BORDER REGION (127)						S 14 23.00					
BONR 61.80 322 eP 40 31.40 0.4						MD 3.4 (SAN).						XAN 18.42 43 P 11 41.50 -2.4					
PTI 61.81 329 (P) 40 30.40 -0.3												sP 11 56.00					
HHA1 62.12 330 eP 40 32.48 -0.3												GTA 18.75 15 eP 11 47.50 -0.4					
ARN 63.47 319 eP 40 41.36 -0.3												pP 11 54.00					
ORV 64.76 321 eP 40 50.12 0.2												TIY 22.96 41 eP 12 29.50 -2.4					
LBFM 66.07 323 eP 40 58.24 -0.3												WMO 22.98 349 P 12 33.90 1.8					
SES 66.83 336 iPd 41 02.80 -0.2												KSH 23.62 324 eP 12 37.00 -1.3					
0.8s 40.00nm 5.3mb												MAIO 33.32 304 eP 14 04.00 -2.4					
pP 41 35.00 132kmX												OBN 54.09 323 iPc 16 53.00 0.2					
LIC 70.82 80 P 41 26.96 -1.2												1.0s 14.00nm 4.9mb					
0.3s 4.50nm 4.7mb												WB2 57.09 133 iPd 17 13.10 -1.9					
TIC 70.91 80 P 41 28.26 -0.4												0.3s 18.60nm 5.6mb					
0.7s 12.00nm 4.8mb												i 17 17.40					
KIC 71.13 80 P 41 29.22 -0.7												ASPA 59.40 137 iPd 17 29.50 -1.6					
0.5s 8.50nm 4.8mb												0.7s 8.60nm 5.0mb					
PcP 42 04.00												KAF 60.84 330 eP 17 39.50 -0.9					
YKA 77.37 342 eP 42 04.00 -0.8												0.4s 1.80nm 4.6mb					
0.4s 3.90nm 4.5mb												NUR 61.39 328 eP 17 43.50 -0.7					
NVL 80.67 160 eP 42 23.00 0.5												0.5s 3.00nm 4.7mb					
1.0s 9.00nm 4.5mb												UPP 64.85 327 iP 18 06.20 -0.8					
EPF 84.96 45 ePc 42 50.70 5.7X																	
0.5s 2.60nm 4.3mb																	

15d 17h

KSP	65.92	317	eP	18	14.40	0.3
HFS	66.82	328	eP	18	18.50	-1.2
	0.5s	5.50nm			4.9mb	
PRU	67.12	317	eP	18	22.00	0.2
BRG	67.40	318	iP	18	23.90	0.4
GEC2	67.80	315	eP	18	26.10	-0.1
	0.8s	5.93nm			4.7mb	
		e			18	41.30
KHC	67.84	316	eP	18	26.50	0.1
NB2	67.99	329	P	18	25.60	-1.5
	0.8s	4.40nm			4.6mb	
GRF	69.29	316	Pd	18	36.00	0.7
CDF	72.07	316	eP	18	51.80	-0.5
	0.8s	5.50nm			4.6mb	
PGF	72.14	309	eP	18	52.60	-0.2
	0.6s	7.20nm			4.8mb	
LPG	73.06	313	eP	18	58.40	0.0
	0.7s	3.95nm			4.5mb	
LPL	73.07	313	eP	18	58.50	0.1
	0.6s	4.05nm			4.6mb	
FRF	73.59	311	eP	19	01.00	-0.1
LBF	74.57	315	eP	19	06.40	-0.4
	0.5s	3.45nm			4.6mb	
LOR	74.58	315	eP	19	06.30	-0.5
SMF	74.75	314	eP	19	07.50	-0.3
	0.6s	5.50nm			4.7mb	
SSF	74.86	315	eP	19	08.30	-0.1
	0.7s	6.15nm			4.7mb	
AVF	75.03	315	eP	19	09.10	-0.3
	0.6s	3.80nm			4.6mb	
MAF	75.71	314	eP	19	13.60	0.3
	0.8s	4.55nm			4.5mb	
TCF	75.93	314	eP	19	14.90	0.3
	0.8s	7.50nm			4.7mb	
CAF	76.41	313	eP	19	17.60	0.3
RJF	76.67	314	eP	19	19.40	0.7
	0.6s	4.25nm			4.6mb	
LPO	77.08	313	eP	19	21.40	0.4
IMA	79.38	23	eP	19	34.50	1.1
	0.5s	0.96nm			4.1mb	
S.D. = 1.2 on 50 of 52 obs.						
* SEP 15, 1992 17h 47m 28.79s						
60.069 N 152.840 W						
DEPTH = 95.8km						
SOUTHERN ALASKA (2)						
<AEIC>.						
RS1	0.39	6	iP	47	43.26	-0.6
RS2	0.40	6	iP	47	43.24	-0.7
RSO	0.40	6	iP	47	43.20	-0.7
		eS			47	54.47
RDW	0.42	2	iP	47	43.23	-0.8
REF	0.43	9	eP	47	43.37	-0.7
		eS			47	54.79
OPT	0.46	205	iP	47	43.45	-0.7
		eS			47	55.39
NCT	0.50	355	iP	47	43.69	-0.8
		eS			47	55.42
DFR	0.53	8	eP	47	43.86	-0.8
		eS			47	56.07
RDT	0.55	23	iP	47	43.99	-0.9
		eS			47	56.02
HOM	0.73	124	eP	47	45.69	-0.6
PDB	0.74	248	eP	47	45.54	-0.9
		eS			47	58.60
AUL	0.75	204	eP	47	45.80	-0.8
AUE	0.76	201	eP	47	45.73	-0.9
AUH	0.77	204	eP	47	46.23	-0.6
AUW	0.77	205	iP	47	45.99	-0.7
AUI	0.79	202	eP	47	46.10	-0.9
		eS			47	59.59
XLV	0.84	137	eP	47	46.40	-1.0
CNPM	0.98	123	eP	47	48.04	-0.9
		eS			48	03.57
BKG	1.04	16	iP	47	49.07	-0.7
CKL	1.16	12	iP	47	50.36	-0.8
CDD	1.21	200	eP	47	50.49	-1.2
		eS			48	07.03
BGL	1.22	10	eP	47	51.26	-0.6
CPKM	1.24	14	eP	47	51.60	-0.6
CRP	1.25	15	eP	47	51.59	-0.7
CGLM	1.31	18	iP	47	52.13	-0.8
SLKM	1.38	70	eP	47	53.36	-0.3
NCG	1.38	14	eP	47	53.12	-0.7
SYI	1.48	171	eP	47	53.98	-1.0
SVW	1.72	308	eP	47	56.41	-1.7

PMS	2.00	52	eP	48	01.01	-0.8
SKT	2.02	18	eP	48	00.79	-1.2
PTE	2.05	65	eP	48	00.84	-1.5
SML	2.81	50	eP	48	00.65	-2.0
33 obs. associated						

* SEP 15, 1992 18h 30m 38.16± 1.54s
 36.413 N ±15.5km 20.604 E ± 7.8km
 DEPTH = 10.0km (geophysicist)
 CENTRAL MEDITERRANEAN SEA (400)
 MD 3.3 (ATH).

VLS	1.76	360	ePb	31	09.40	0.5
		eSn			31	33.40
VLI	1.90	80	ePn	31	10.20	-0.7
AGG	2.94	27	ePn	31	27.48	1.7
		eSn			32	02.40
LIT	3.97	21	ePn	31	41.40	1.0
		eSn			32	26.00
SOI	3.99	296	P	31	40.20	-0.4
PAIG	4.26	34	iPn	31	44.04	-0.5
		iSn			32	32.68
MEU	4.61	280	P	31	50.70	1.2
OHR	4.69	2	ePn	31	50.00	-0.8
SOH	4.90	25	ePn	31	53.36	-0.3
		eSn			32	48.60
BRT	5.19	330	P	31	56.10	-1.6
S.D. = 1.2 on 10 of 10 obs.						

SEP 15, 1992 18h 40m 31.99± 0.19s
 11.064 N ± 4.0km 86.757 W ± 3.3km
 DEPTH = 31.9km (27 depth phases)
 5.3mb (76 obs.) 5.4Msz (32 obs.)
 NEAR COAST OF NICARAGUA (74)
 Felt at Cosares, Huehuetenango, La
 Boquita and Montelimar.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 22S, 49C
 Centroid Location:
 Origin Time 18:40:32.0 1.0
 Lat 10.56N 0.08 Lon 87.56W 0.08
 Dep 15.0 FLX Half-duration 1.8
 Moment Tensor: Scale 10**17 Nm
 Mrr=-5.20 0.34 Mtt= 1.75 0.22
 Mff= 3.45 0.48 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf=-1.16 0.26
 Principal Axes:
 T Vol= 4.04 Plg= 0 Azm=243
 N 1.17 0 153
 P -5.20 90 180
 Best Double Couple: Mo=4.6*10**17
 NP1:Strike=333 Dip=45 Slip=-90
 NP2: 153 45 -90

SCX	8.02	315	(P)	42	33.00	3.7X
PBJ	9.95	303	(P)	42	52.00	-4.0X
OXX	11.37	303	(P)	43	15.00	-0.5
IISM	12.93	309	(P)	43	33.00	-3.2X
IIT	13.67	307	(P)	43	46.00	-0.3
ACX	13.96	296	(P)	43	50.00	0.1
BMG	14.08	105	eP	43	53.00	1.4
BOG	14.10	116	iP	43	59.00	6.9X
		eS			45	50.00
III	14.28	302	(P)	43	55.00	0.8
UNM	14.53	306	(P)	43	58.00	0.4
MRX	16.35	303	(P)	44	22.00	1.2
COLM	18.22	298	(P)	44	39.50	-4.9X
MGP	20.24	68	(P)	45	07.50	0.0
LRS	20.55	67	(P)	45	12.10	1.4
PORP	20.67	68	(P)	45	12.00	0.1
APR	20.70	67	(P)	45	07.70	-4.5X
CLLP	20.73	68	P	45	14.00	1.5
CPD	21.32	69	P	45	20.00	1.4
LPR	21.44	68	P	45	21.00	1.2
HBF	22.54	14	eP	45	33.18	2.6
		e			45	43.22
SGS	22.76	14	(P)	45	35.22	2.5
		e			45	45.49
PWLA	23.84	357	eP	45	43.60	0.4
		e			45	53.37
SKI	24.09	72	eP	45	49.28	3.4X
NEV	24.21	73	eP	45	51.32	4.3X
MGH	24.47	74	eP	45	50.00	0.5
GBTN	24.60	5	eP	45	51.99	1.4
GRW	24.60	85	eP	45	54.40	3.5X
OLY	24.70	351	eP	45	50.50	-1.1

BPA	24.86	73	eP	45	53.45	0.1
TRN	24.90	89	eP	45	54.00	0.3
NNA	24.93	156	iP	45	55.00	1.0
	1.2s	171.88nm			5.5mb	
		eS			49	40.00
CPB	25.01	72	eP	45	56.46	1.8
SVB	25.03	82	eP	45	58.70	3.8X
GRT	25.20	355	eP	45	54.93	-1.4
SLB	25.26	81	eP	45	58.62	1.5
SLW	25.37	81	eP	45	59.02	0.9
LST	25.49	354	(P)	45	58.67	-0.4
DEG	25.49	75	eP	46	00.00	0.7
CEH	25.67	14	ePd	46	02.47	1.7
	0.8s	258.14nm			5.9mb	
Z	21s	4.23um			4.9Msz	
		e			46	12.56
FKO	25.96	340	e(P)	46	01.00	-2.4
FNO	25.96	340	iPd	46	02.30	-1.1
ELC	26.20	356	ePd	46	04.46	-1.2
BLA	26.65	11	eP	46	09.39	-0.5
	0.9s	179.66nm			5.7mb	
		e			46	20.02
NAV	26.69	11	ePd	46	10.85	0.7
		e			46	20.12
FVM	27.01	354	eP	46	11.50	-1.5
	0.8s	36.68nm			5.1mb	
Z	21s	3.62um			4.9Msz	
CBN	28.30	16	iPc	46	26.40	1.6
	1.0s	135.00nm			5.6mb	
MCWV	29.13	11	eP	46	33.19	1.0
	0.7s	160.60nm			5.8mb	
		e			46	42.42
ALO	29.78	326	eP	46	38.32	0.0
	1.0s	29.55nm			5.0mb	
Z	22s	1.23um			4.5Msz	
		e			46	47.86
TUC	30.61	317	eP	46	44.74	-0.9
	0.9s	17.62nm			4.9mb	
Z	19s	3.05um			5.0Msz	
ARE	31.24	151	iPd	46	51.50	0.0
	1.4s	104.65nm			5.5mb	
LVNJ	31.46	18	ePd	46	53.30	0.4
		eP			47	02.75
		ePcP			49	45.11
		ePcP			49	55.82
TBR	31.93	18	eP	46	57.56	0.6
		ePcP			49	47.60
		i			49	57.50
TXNY	31.97	18	iP	46	58.30	1.0
DLA	32.00	7	P	46	56.90	-0.6
LDN	32.22	8	P	46	58.75	-0.8
ELF	32.36	7	P	46	59.75	-0.9
TYNO	32.47	9	P	47	01.13	-0.5
STCO	32.70	10	P	47	03.20	-0.4
ZOBO	32.84	146	iPd	47	04.80	-1.0
	1.0s	47.50nm			5.3mb	
Z	24s	3.02um			4.9Msz	
		S			52	36.00
		LR			57	29.00
ACTO	32.94	9	P	47	05.58	-0.2
GOL	32.96	333	iPc	47	05.82	-0.5
	0.8s	36.50nm			5.3mb	
Z	19s	1.42um			4.7Msz	
		ePcP			49	51.27
		e			50	01.75</

EMUT	35.71	327	ePd	47	29.95	0.1	LON	46.29	327	ePd	48	56.00	-0.5		0.7s	19.60nm	5.2mb
ARUT	35.78	323	ePd	47	31.28	0.8				iPcP	50	31.40		Z	21s	2.05um	5.4Msz
PEC	35.89	314	eP	47	31.89	0.6	PEL	46.55	161	iPd	48	57.50	-1.2	LDF	79.58	42 eP	52 35.90 -1.6
	1.0s	52.54nm				5.4mb								0.8s	23.90nm	5.2mb	
		ePcP	49	57.29			BAO	46.66	124	Pd	48	59.00	-0.8	MFF	79.74	44 eP	52 37.00 -1.4
BNH	35.97	19	eP	47	32.55	0.7				e	49	01.10			0.7s	21.70nm	5.3mb
		ePcP	49	59.25						e	49	10.00		EGRA	80.05	49 iP	52 44.00 3.9X
		e	50	09.02						e	50	37.30		ACU	80.37	53 eP	52 41.00 -1.0
EEO	36.05	9	eP	47	34.50	2.1				e	50	45.90		EPF	80.44	48 eP	52 41.20 -1.1
RSSD	36.16	339	eP	47	33.15	-0.5	RMW	46.73	328	eP	48	58.95	-1.1		1.0s	16.20nm	5.0mb
	0.6s	22.28nm				5.3mb	BDF	46.74	124	Pc	49	00.40	-0.1	LFF	80.52	46 eP	52 41.30 -1.3
Z	21s	1.83um				4.8Msz				e	49	11.20	37km	ILT	80.57	337 iPd	52 42.80 0.4
DAU	36.37	328	iPd	47	35.87	0.3				e	50	20.00			1.8s	147.00nm	5.7mb
SSK	36.44	314	ePd	47	37.01	0.9				e	50	29.20		Z	24s	2.20um	5.4MszX
TPNV	37.00	319	ePd	47	42.33	1.6				e	50	45.50		N	24s	0.80um	
	0.5s	12.54nm				5.0mb				e	50	51.80		E	24s	1.50um	
Z	21s	2.71um				5.0Msz	BMW	46.89	326	iPd	49	00.61	-0.7		eS		02 48.00
		ePcP	50	02.20						iPcP	50	34.18			ePS	03	40.00
DUG	37.05	326	ePd	47	41.43	0.3	GMW	47.31	327	iPd	49	03.23	-1.3	TIC	80.67	85 P	52 44.06 0.0
	1.2s	32.63nm				5.1mb				ePcP	50	35.61		EROQ	80.74	50 eP	52 43.70 -0.2
MIM	37.29	21 (P)		47	45.97	3.2X	ITB1	47.51	139	e(P)	49	07.00	0.7	LIC	80.74	85 P	52 44.54 0.2
BW06	37.32	332	iPd	47	42.50	-0.9	MCW	48.04	328	ePd	49	09.04	-1.2		0.6s	15.50nm	5.2mb
	1.2s	59.36nm				5.3mb				eP	49	18.45	31km	LPO	80.87	46 eP	52 43.00 -1.5
		ePcP	50	02.29						ePcP	50	37.52			1.2s	33.90nm	5.2mb
EMM	37.42	23	eP	47	45.12	1.2				e	50	50.25		KBS	80.89	11 eP	52 54.00 10.0X
		i	47	54.16		30km	PGC	48.34	328	eP	49	12.00	-0.4	LSF	80.93	45 eP	52 42.90 -1.9
ISA	37.75	316	ePc	47	47.88	0.9	RSTA	51.14	134	eP	49	45.60	11.4X		0.8s	7.10nm	4.7mb
	1.2s	65.15nm				5.4mb	PDCR	52.78	115	eP	49	55.30	8.5X	KIC	81.00	85 P	52 46.76 1.0
Z	21s	1.57um				4.8Msz				e	50	04.90	32km	RJF	81.03	46 eP	52 43.80 -1.5
		iPcP	50	03.87						e	50	16.40			0.8s	14.50nm	5.0mb
ABL	37.85	314	eP	47	49.13	1.2	LPA	53.26	150	eP+	49	51.00	1.1	Z	22s	5.28um	5.8Msz
		ePcP	50	04.21						eP	50	04.00	47kmX	ADK	81.35	321 eP	52 47.60 0.8
ANT	38.07	155	eP	47	49.50	-0.1	JFO	53.65	127	eP	49	46.10	-7.0X		0.9s	234.20nm	6.2mb
HVU	38.15	328	eP	47	50.08	-0.3				e	49	58.40	44kmX	TCF	81.39	45 eP	52 45.50 -1.7
		ePcP	50	07.45						e	50	06.30			0.8s	14.65nm	5.0mb
TNP	38.29	320	iPd	47	52.42	0.8	YKA	55.12	345	eP	50	01.00	-2.3	CAF	81.46	46 eP	52 46.10 -1.5
	1.3s	48.63nm				5.2mb				0.8s	23.20nm			0.8s	10.50nm	4.9mb	
		ePcP	50	05.18			SIT	59.03	331	P	50	40.00	9.0X	MAF	81.65	45 eP	52 46.90 -1.6
BCH	38.63	314	iPd	47	55.57	1.2				Z	21s	1.28um			0.8s	11.80nm	5.0mb
		iPcP	50	07.21			BALM	64.11	333	eP	51	04.84	-0.5	BGF	81.80	44 eP	52 47.60 -1.7
PTI	38.74	329	eP	47	55.19	-0.1	KLU	65.88	333	eP	51	15.93	-0.7		0.8s	21.65nm	5.2mb
BONR	38.91	319	eP	47	57.91	1.0	PMR	67.35	333	P	51	40.00	14.1X	AVF	82.11	44 eP	52 48.90 -2.0
		ePcP	50	07.91						Z	19s	1.48um			0.9s	9.65nm	4.8mb
HHA1	39.06	330	iPc	47	57.79	-0.1	MBC	67.48	352	eP	51	25.00	-1.5	SSF	82.18	44 eP	52 49.20 -2.1
		PcP	50	08.96						1.0s	114.00nm			0.8s	9.65nm	4.9mb	
CBM	39.08	20	eP	47	58.25	0.5				pP	51	35.00	32km	LOR	82.39	43 eP	52 50.60 -1.8
		iPcP	50	17.98			PWA	67.70	333	eP	51	26.00	-2.1		0.6s	7.05nm	4.9mb
PKEM	39.09	315	eP	47	59.00	0.9	KDC	67.84	328	eP	51	29.40	0.4	Z	23s	6.15um	5.9MszX
PHAM	39.18	315	iPd	47	59.99	1.2	FBA	67.96	336	eP	51	29.00	-0.7	SMF	82.47	44 eP	52 50.60 -2.2
		e	50	21.27						0.7s	20.90nm			0.9s	11.80nm	5.0mb	
FRI	39.31	317	iPd	47	59.78	-0.1	CPKM	68.66	332	eP	51	32.52	-1.9	DOU	82.48	41 P	52 54.00 1.3
LMN	39.40	24	ePd	48	04.00	3.5X	REF	68.67	331 (P)		51	33.51	-0.9	Z	18s	2.10um	5.5Msz
		pP	48	13.50		32km	HON	68.70	289	P	51	40.00	5.0X		e		53 01.40 23km
KVN	39.42	320	eP	48	01.80	0.7				Z	19s	0.46um			S	04	18.00
		e	48	11.30		32km	SVW	70.21	331	eP	51	43.20	-0.4	LBF	82.51	44 eP	52 50.90 -2.2
PRI	39.52	315	eP	48	02.05	0.3	IMA	70.67	337	eP	51	45.90	-0.6		0.7s	4.95nm	4.7mb
ULM	39.79	351	eP	48	07.50	3.8X				1.0s	12.70nm			ENN	83.22	40 eP	52 56.00 -0.5
		pP	48	16.50		30km	TTA	70.82	333	eP	51	46.60	-0.8		0.8s	10.00nm	5.0mb
LLA	39.95	315	eP	48	05.47	0.2	SDN	71.73	325	ePc	51	53.90	1.1	WLF	83.54	41 P	52 57.00 -1.2
PRS	40.11	315	ePd	48	07.10	0.6				0.9s	176.90nm			WTS	83.56	38 eP	52 59.50 1.2
CMB	40.32	317	iPd	48	08.60	0.3	KDS	72.75	80	eP	51	59.00	-0.6		0.9s	18.00nm	5.2mb
		ePcP	50	11.40			STS	73.93	48	eP	52	07.50	1.4		e		53 07.00 24km
ARN	40.73	316	ePd	48	12.78	1.1	DAG	74.32	13	eP	52	06.00	-1.7		e		53 12.00
		ePcP	50	13.61						0.8s	23.88nm			HAU	83.94	42 eP	52 58.70 -1.6
GCC	40.89	315	ePd	48	13.81	0.9	DMU	75.16	37	eP	52	20.00	7.1X		0.8s	36.35nm	5.6mb
LRM	40.98	332	ePd	48	13.70	-0.2	DLF	75.37	38	eP	52	22.30	8.2X	Z	22s	3.15um	5.6Msz
		e	48	22.70		30km	EPLA	75.86	51	eP	52	18.00	0.7	NB2	84.24	29 P	53 01.10 -0.5
PCC	41.39	316	ePd	48	18.01	1.0	EJIF	76.55	55	eP	52	22.00	0.9		0.8s	15.50nm	5.2mb
BKS	41.48	316	ePd	48	18.98	1.2	EHOR	76.63	54	eP	52	22.50	0.9	BSF	84.26	43 eP	53 00.20 -1.9
ZSP	41.53	316	ePd	48	19.59	1.5	GUD	77.30	51	eP	52	25.00	-0.4		0.9s	15.05nm	5.2mb
ORV	41.88	319	ePd	48	22.25	1.3	EKA	77.35	36	Pc	52	24.90	-0.3	CDF	84.48	42 eP	53 01.50 -1.6
MIN	42.38	320	ePd	48	25.55	0.3				0.9s	11.20nm				0.8s	10.05nm	5.1mb
LTCM	42.64	319 (P)		48	27.00	-0.2	MAL	77.38	55	iPc	52	26.00	0.3	LPL	84.63	45 eP	53 03.20 -0.9
LBFM	43.12	321	ePd	48	31.21	-0.2				iS	02	16.00			1.0s	36.80nm	5.5mb
JAQ	43.53	9	eP	48	32.50	-1.8	TOL	77.43	51	eP	52	27.00	1.0	LPG	84.65	45 eP	53 03.40 -0.9
		pP	48	41.70		31km				eS	02	24.00			0.7s	7.70nm	5.0mb
TLL	43.77	160	eP	48	36.50	-0.3	AIA	77.94	171	eP	52	28.30	0.2	FRF	84.92	47 eP	53 04.00 -1.3
FOX	44.01	318	eP	48	39.39	1.1	ECOG	78.01	54	eP	52	29.00	-0.3		0.9s	16.70nm	5.2mb
SES	44.01	338	eP	48	38.00	-0.3	EGUA	78.04	55	eP	52	32.40	3.0	DIX	85.00	44 (P)	53 07.82 1.8
	0.7s	22.00nm				5.1mb	ECRI	78.39	49	eP	52	32.50	1.2	MMK	85.38	44 ePc	53 09.85 2.0
FHC	44.15	319	ePd	48	40.59	1.0	EVIA	78.73	53	eP	52	33.00	-0.3	ZLA	85.39	43 ePc	53 08.77 1.1
NEW	44.94	331	iPc	48	45.00	-0.8	ETOR	78.88	50	iPc	52	33.60	-0.4	SLE	85.40	42 ePc	53 08.68 1.0
	1.0s	37.50nm				5.2mb	LPF	79.02	43	eP	52	32.70	-1.8	SBF	85.43	46 eP	53 06.60 -1.3
VGB	44.96	326	eP	48	45.53	-0.4				1.0s	34.60nm				0.9s	27.85nm	5.5mb
DPW	45.18	330	iPd	48	46.92	-0.8	GRR	79.11	43	eP	52	33.40	-1.6	HFS	85.65	30 eP	53 06.90 -1.7
		ePcP	50	27.62						0.8s	46.60nm				0.5s	1.80nm	4.5mb
SHW	46.18	326	eP	48	54.74	-1.0	FLN	79.33	42	eP							

PEL 0.59 74 iP 59 24.91 -0.1
 IS 59 34.49
 LNV 0.64 183 iPd 59 25.15 -0.3
 IS 59 35.15
 PCH 0.78 114 iPd 59 27.24 -0.2
 IS 59 38.27
 CHCH 0.86 136 iP+ 59 28.42 -0.1
 IS 59 40.20
 FCH 0.90 91 iPd 59 29.14 -0.2
 IS 59 41.72
 JACH 0.90 46 iPd 59 29.10 -0.1
 IS 59 41.61
 CACH 1.03 142 iP+ 59 31.50 0.6
 IS 59 46.42
 S.D. = 0.3 on 10 of 10 obs.

% SEP 15, 1992 20h 28m 31.03±1.26s
 33.145 S ± 5.0km 70.275 W ±10.0km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

FCH 0.18 184 iP+ 28 35.22 -0.1
 IS 28 37.77
 PEL 0.34 270 iPd 28 38.26 0.1
 IS 28 43.24
 PCH 0.52 203 iP+ 28 41.62 0.1
 IS 28 49.00
 JACH 0.53 330 iP 28 41.87 0.0
 IS 28 50.76
 ROCH 0.64 285 iP 28 43.94 -0.1
 IS 28 53.32
 TACH 0.75 227 iP 28 45.69 -0.1
 IS 28 56.20
 CHCH 0.85 202 iP 28 47.26 -0.2
 CACH 1.01 196 iP 28 50.44 0.2
 IS 29 04.58
 LCCH 1.13 253 iPd 28 52.42 0.2
 IS 29 08.06
 LNV 1.25 229 iP 28 53.90 -0.3
 IS 29 10.59
 S.D. = 0.2 on 10 of 10 obs.

SEP 15, 1992 21h 03m 59.91±0.09s
 14.053 S ± 3.1km 167.269 E ± 2.6km
 DEPTH = 184.2km (geophysicist)
 6.3mb (87 obs.)

VANUATU ISLANDS (186)
 Mo=5.0*10**18 Nm (PPT). Depth
 from broadband displacemnt
 seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike= 10 Dip=60 Slip= 90
 NP2: 190 30 90
 Principal Axes:
 T P1g=75 Azm=280
 P 15 180

Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is not determined.

RADIATED ENERGY
 No. of sta: 15 Focal mech. M
 Energy 7.4±1.7*10**13 Nm

MOMENT TENSOR SOLUTION
 Dep 190 No. of sta: 17
 Moment Tensor; Scale 10**18 Nm
 Mrr= 3.60 Mtt=-0.40
 Mff=-3.20 Mrt=-0.65
 Mrf= 0.25 Mtf=-1.32

Principal axes:
 T Vol= 3.73 P1g=79 Azm=201
 N -0.01 11 22
 P -3.73 0 292

Best Double Couple:Mo=3.7*10**18
 NP1:Strike= 11 Dip=46 Slip= 75
 NP2: 212 46 105

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 25S, 63C M.W.: 19S, 29C
 Centroid Location:
 Origin Time 21:04: 6.6 0.2
 Lat 14.02S 0.02 Lon 167.15E 0.01
 Dep 195.9 0.5 Half-duration 3.3
 Moment Tensor; Scale 10**18 Nm
 Mrr= 2.63 0.02 Mtt=-0.22 0.03

Mff=-2.42 0.03 Mrt=-0.42 0.02
 Mrf=-0.09 0.02 Mtf= 0.37 0.03
 Principal Axes:
 T Vol= 2.70 P1g=81 Azm=169
 N -0.22 9 351
 P -2.48 0 261
 Best Double Couple:Mo=2.6*10**18
 NP1:Strike=342 Dip=45 Slip= 78
 NP2: 179 46 102

BKM 3.71 166 iPc 05 00.20 2.1
 PVC 3.80 165 iP 05 02.20 3.0
 IS 05 46.00
 DZM 8.01 185 iPc 05 56.00 1.6
 IS 07 26.00
 ScP 20 12.90
 HNR 8.51 302 eP 06 03.00 2.1
 e(S) 07 30.00
 SVO 8.78 303 eP 06 07.00 2.6
 eS 07 44.00
 VUN 11.46 112 iPd 06 44.60 5.3X
 SVA 11.49 112 ePd 06 44.50 4.8X
 RAB 17.83 302 eP 07 58.00 0.3
 IS 11 06.00
 BRS 18.95 223 iPd- 08 11.00 1.6
 e(PP) 09 03.00
 IS 11 38.00
 i 13 15.00
 iScP 15 46.00
 iPcS 16 05.00

PMG 20.22 281 eP 08 23.00 0.6
 FINC 20.46 289 eP 08 26.50 1.7
 CTA 20.96 250 iPc+ 08 30.00 0.3
 e 09 03.00
 IS 12 06.00
 i(S) 12 11.00
 iScP 17 07.00

CTAO 20.96 250 ePd 08 31.00 1.3
 LAT 21.23 288 eP 08 34.00 1.6
 RMO 21.29 232 iPc 08 34.90 1.9
 IS 12 22.00
 ARMA 21.75 219 iPc 08 39.20 1.7
 i 12 31.00

YYYY 22.34 288 eP 08 46.60 3.2X
 MDG 22.90 290 eP 08 51.00 2.4
 MNDI 24.51 286 eP 09 06.00 1.7
 RIV 24.52 214 iPc 09 06.10 2.2
 eS 13 14.00

QLP 24.89 236 iPc 09 08.00 0.6
 iPcP 12 39.30
 eS 13 27.10
 WWKK 25.53 292 eP 09 14.00 0.6
 CMS 26.22 225 eP 09 20.00 0.5
 BWA 26.50 217 iPc 09 21.10 -1.0
 CNB 26.61 214 iPd 09 24.00 0.9
 iPcP 12 43.00

CAN 26.82 215 iPc 09 25.70 0.7
 QIS 27.17 252 iPc 09 27.40 -0.8
 iPcP 12 43.50
 IS 13 51.00
 iScP 16 07.60

MRW 27.84 168 P 09 33.10 -0.9
 S 14 02.00

SNZO 27.92 168 eP 09 32.60 -2.1
 STK 29.44 229 iPc 09 48.90 0.5
 0.7s 701.40nm 6.5mb
 epP 10 31.80 212kmX
 iPcP 12 48.80
 eS 14 31.90

iScP 16 13.60
 iPcS 16 30.20
 iScS 20 07.20

T00 30.39 216 iPc 09 57.30 0.5
 BFD 31.87 219 eP 10 10.00 0.4
 WB2 31.98 255 iPc 10 09.40 -1.4
 0.9s 620.50nm 6.3mb
 iPcP 12 55.90
 eS 15 03.70
 i 16 23.70

ASPA 32.92 248 iPc 10 17.30 -1.7
 1.1s 2474 20nm 6.8mb
 epP 11 21.80 333kmX
 iPcP 12 58.00
 IS 15 18.30
 iS 16 41.10
 eScS 20 22.80
 eP'P' 43 05.00

ADE 33.10 226 iPc 10 21.60 1.2
 MTN 35.15 268 iPc 10 38.20 0.2
 0.4s 300.00nm 6.3mb
 e 13 05.00

KNA 37.21 262 iPc 10 54.90 -0.4
 0.4s 369.00nm 6.4mb
 SWI 37.95 287 iPc 11 01.50 0.0
 FORT 39.64 239 iPc 11 15.20 -0.1
 WARB 39.85 246 iPc 11 17.10 0.0
 MCQ 40.88 187 iPc 11 26.00 0.9
 AFR 41.41 101 iP 11 30.20 0.2

1.4s 755.00nm 6.1mb
 PAE 41.60 101 iP 11 31.80 0.3
 1.4s 675.00nm 6.0mb
 PPT 41.61 101 iP 11 32.00 0.4
 1.4s 755.00nm 6.1mb

PPN 41.74 101 iP 11 33.20 0.5
 1.4s 320.00nm 5.7mb
 TBI 41.88 109 iP 11 35.00 1.3
 1.3s 770.00nm 6.1mb
 TVO 41.91 101 iP 11 34.60 0.5
 1.4s 740.00nm 6.1mb

TNE 42.21 287 eP 11 36.70 0.2
 PMO 43.36 97 iP 11 46.70 0.9
 1.4s 1615.00nm 6.4mb
 VAH 43.59 97 iP 11 48.40 0.7
 1.4s 1075.00nm 6.2mb

TPT 43.62 97 iP 11 48.80 0.9
 1.4s 1060.00nm 6.2mb
 RUV 43.83 97 iP 11 50.40 0.8
 1.4s 1095.00nm 6.2mb

MNI 44.76 287 ePd 11 57.20 0.2
 COOL 45.45 240 iPc 12 01.10 -1.2
 MBL 45.63 254 iPc 12 03.80 0.0
 DAV 46.40 294 ePc+ 12 09.50 -0.5
 1.7s 1569.23nm 6.2mb

KLB 48.43 240 iPc 12 24.10 -1.4
 PLP 48.85 299 ePd 12 28.00 -0.9
 DHH 49.07 45 eP 12 30.38 -0.1
 BAL 49.18 242 iPc 12 29.80 -1.5
 OPA 49.22 44 eP 12 31.19 -0.4
 HPO 49.25 49 (P) 12 32.04 0.2

MAP 49.29 297 ePc 12 32.00 -0.3
 RKG 49.59 236 eP 12 33.70 -0.7
 0.5s 188.00nm 5.9mb
 MRWA 49.62 244 iPc 12 33.80 -0.8
 0.3s 67.00nm 5.7mb

NANU 49.64 252 iPc 12 34.90 0.0
 HKL 49.78 47 ePc 12 36.22 -0.1
 MUN 49.80 240 iPc 12 34.90 -1.1
 TSM 52.27 287 ePc 12 55.00 0.2
 PGP 53.42 299 ePc 13 02.00 -1.1
 TGY 53.72 299 ePc 13 07.50 2.1

QCP 53.87 300 eP 12 53.50 -13.0X
 QVP 53.92 300 ePc 13 07.00 0.2
 KKM 54.45 288 ePc 13 10.50 -0.4
 1.5s 3692.50nm 6.9mb
 e 13 17.40 23kmX

CVP 54.83 304 ePd 13 13.80 0.5
 BAG 55.17 302 ePc+ 13 15.00 -1.1
 1.0s 1670.00nm 6.8mb
 e 14 06.80 232kmX
 eS 20 42.00

RKT 55.19 108 iP 13 15.00 -1.0
 1.6s 470.00nm 6.0mb
 DRV 55.60 193 iP 13 17.60 -0.7
 S 20 49.00
 SS 24 43.00

MAJO 57.31 332 iPc 13 29.45 -1.3
 epPd 14 10.83 180kmX
 ePcP 14 22.09
 MAT 57.31 332 P 13 30.00 -0.7
 SHK 58.44 327 iPc 13 38.70 0.1
 0.8s 441.79nm 6.3mb

ERM 60.05 339 ePc 13 49.75 0.3
 e 14 32.79 186kmX
 ed 14 52.33
 QZH 61.28 309 iPc 13 58.00 -0.1
 1.0s 580.00nm 6.3mb
 pP 14 39.00 175kmX
 S 22 00.00

KUR 61.57 345 eP 14 00.50 0.8
 1.5s 2680.00nm 6.9mb
 i 14 36.00 149kmX
 eS 22 06.00
 SAP 61.61 339 eP 14 00.00 0.1
 eS 22 04.00

CMB	1.7s	1894.00nm	6.6mb	HVU	91.92	47	iPc	16	49.22	0.5	EEO	116.31	45	ePKP	22	24.50	1.5				
		e	19	33.00	WMQ	92.26	315	iPc	16	50.70	0.6	YJA	116.98	124	e(PKP)	22	17.00	-8.6X			
		ePPP	21	33.80		2.0s	880.00nm			6.5mb		JAO	117.11	36	ePKP	22	23.00	-1.3			
		eS	26	21.00	Z	24s	1.82um			5.4MsZ		DAG	117.20	2	iPKPd	22	21.00	-2.8			
		ePS	27	49.00			epPd	17	35.40	178kmX			0.6s	76.67nm							
		eSSS	35	38.00	PTI	92.53	47	ePc	16	52.47	1.0	LPB	117.44	117	iPKPc	22	27.00	0.5			
		iPc	16	16.97	0.3		epP	17	41.17	196kmX		Z	16s	1.68um			5.8MsZ				
		ipP	17	06.86	203kmX	DAU	92.63	49	ePc	16	52.43	0.2		LR		33	06.00				
		ePP	19	31.00		HHA1	92.64	46	ePd	16	52.69	0.7	ZOBO	117.52	117	ePKP	22	20.00	-7.0X		
		eS	26	20.00			pP	17	41.27	195kmX			1.2s	74.32nm							
MIN		esS	27	10.00			PP	20	33.29			Z	18s	0.90um			5.4MsZ				
		esPS	27	59.00			PPP	21	23.62				i		22	26.90					
		esPS	28	49.00		EMUT	92.79	50	eP	16	53.48	0.6		LR		33	18.00				
		eSS	32	10.00			pP	17	43.36	201kmX		CCH	118.73	119	ePKP	22	28.00	-0.8			
		esSS	33	12.00		SRU	92.82	51	iPc	16	53.19	0.2	KEV	119.08	345	iPKP	22	27.00	-0.5		
		eLQ	38	43.00			iP	17	42.11	197kmX			0.6s	176.00nm							
	85.16	47	ePc	16	16.74	0.0		PP	20	34.06		RSNY	119.77	47	iPKP	22	28.62	-1.1			
	LSA	85.20	302	iPc	16	18.73	1.1	HYB	92.92	287	iPc	16	53.70	0.1	LVNJ	120.17	51	ePKP	22	29.23	-1.3
	1.5s	3020.00nm	6.8mb			1.1s	526.30nm			6.6mb		DHR	120.24	292	iPKPc	22	31.20	0.1			
		epPd	17	03.59	181kmX		e	17	40.00	185kmX		TBR	120.53	50	ePKP	22	29.63	-1.6			
FRI		esPd	17	24.62			eS	27	08.00			KTK1	120.53	346	ePKP	22	29.23	-1.1			
		iPP	19	35.00		GBA	93.07	283	P	16	54.10	-0.2	TRO	121.01	348	ePKP	22	30.00	-1.2		
		iSKS	26	20.50		LRM	93.32	44	ePc	16	55.30	0.1	BNH	122.06	46	ePKP	22	33.45	-0.6		
		S	26	31.00			e	17	44.40	198kmX		HRV	122.27	48	ePKP	22	33.44	-1.0			
		isS	27	50.00		NVL	93.72	188	iPc+	16	54.80	-1.6	KER	122.61	302	ePKPc	22	35.00	-0.6		
		SS	32	06.00			1.1s	277.00nm			6.3mb	TAB	122.82	306	iPKPc	22	36.50	0.6			
	85.28	50	ePc	16	17.82	0.6	Z	20s	1.50um	5.4MsZ		BLF	122.95	221	iPKPc	22	35.70	-0.7			
		epP	17	07.64	203kmX		N	20s	1.00um				0.7s	90.00nm							
	LBFM	85.35	46	eP	16	17.96	0.2	E	20s	1.00um		JNW	122.99	358	ePKP	22	36.50	1.5			
	IRK	85.37	327	iP+	16	17.00	-0.3					SDV	123.13	88	ePKP	22	36.00	-1.2			
	1.7s	578.00nm	6.1mb			i	17	12.60			LOF	123.35	349	ePKP	22	34.93	-0.8				
PAS		esP	16	57.80			esP	17	40.00	93kmX		RYD	123.39	290	iPKPc	22	38.20	0.9			
		eS	26	22.00			iPP	20	29.00			CBM	123.61	43	ePKP	22	35.76	-1.2			
		ePS	27	28.00			eSKS	27	12.00			SLR	123.80	225	iPKPc	22	36.70	-1.5			
		ePPS	27	48.00			eS	27	44.00				1.2s	257.81nm							
		eSS	32	13.00			esS	28	14.00			Z	18s	2.41um			5.9MsZ				
	85.44	53	iPc	16	18.23	0.1		ePS	28	33.00		ITB1	124.04	133	e(PKP)	22	39.10	0.7			
	FBA	85.71	18	ePc	16	18.50	-0.3		e	28	52.00		ITB	124.07	133	e(PKP)	22	39.50	1.0		
	1.8s	1334.80nm	6.5mb	BW06	94.49	47	iPc	16	59.90	-0.8		KIM	124.09	220	iPKPd	22	39.50	0.9			
	ISA	85.74	52	eP	16	19.98	0.4		42.54nm	5.4mb			1.0s	295.00nm							
		0.9s	123.54nm	5.7mb	ALO	94.92	55	eP	17	02.74	0.0			i	23	29.00					
SSK	85.84	53	eP	16	20.41	0.1		48.29nm	5.6mb		TOV	124.11	88	ePKP	22	38.00	-1.0				
PEC	86.14	54	eP	16	21.68	0.1		ipP	17	52.50	200kmX	OBN	124.12	328	iPKPd	22	37.70	0.1			
	0.8s	48.79nm	5.4mb			iPP	20	48.21				1.5s	1204.00nm								
PLM	86.20	54	P	16	23.00	0.9	SES	95.49	40	iPc	17	04.20	-0.6		Z	20s	0.70um	5.3MsZ			
BMW	86.53	40	eP	16	23.85	0.6		ipPP	21	38.99			N	20s	0.40um						
PFO	86.61	54	ePc	16	24.23	0.3		pP	17	52.00	192kmX		E	20s	0.30um						
		epPd	17	11.90	193kmX	SNA	95.53	184	iPc	17	04.60	-0.1			e	22	52.00				
BONR	86.67	50	iPc	16	25.05	0.7		1.0s	632.00nm	6.9mb				i	23	28.00					
MOY	86.89	325	iP	16	25.30	0.6	UKR	96.14	321	iPc	17	07.50	-0.1		epPKP	24	22.00				
SHW	87.05	41	eP	16	26.60	0.8		1.6s	2130.00nm	7.3mb			iPP	24	55.00						
GMW	87.25	40	ePc	16	27.30	0.7	CRZF	96.53	219	e(P)	17	15.00	5.4X		iSKP	25	25.00				
PGC	87.30	38	eP	16	27.00	0.3			e(PP)	21	12.00			iPKS	26	08.00					
	1.0s	120.00nm	5.7mb			e(SP)	29	30.00					iSKKS	31	02.00						
TNP	87.51	50	eP	16	28.81	0.5			e(SPP)	31	18.00			e	32	30.00					
	1.3s	165.22nm	5.8mb			e(SS)	34	57.00					eSP	34	16.00						
MCW	87.69	39	ePc	16	29.40	0.7			e(SSS)	38	58.00			ePS	35	16.00					
VGB	87.72	42	eP	16	28.72	-0.2	GOL	96.84	51	iPc	17	12.16	0.8		eSPP	36	38.00				
GLA	87.72	55	ePd	16	29.71	0.5		1.1s	55.78nm	5.8mb				e	40	58.00					
RMW	87.82	40	ePc	16	29.72	0.3			epPd	17	56.69	177kmX		eSS	42	20.00					
TPNV	87.86	51	iPc	16	30.78	0.8	YKA	96.95	27	eP	17	10.10	-0.9		i	45	34.00				
	0.8s	63.89nm	5.6mb			0.9s	32.00nm	5.7mb						e	49	28.00					
GUN	89.07	299	P	16	35.54	-0.6	POO	97.54	287	iPc	17	15.80	1.2		LO	02	00.00				
	0.9s	922.00nm	6.7mb			1.4s	362.79nm	6.6mb					KAF	124.57	339	ePKP	22	37.70	-0.6		
TIK	89.30	349	iPc	16	36.00	0.2	PRZ	98.52	312	eP	17	20.00	1.2	MJMA	124.59	292	iPKPc	22	39.87	0.3	
	2.0s	940.00nm	6.4mb			1.3s	260.00nm	6.5mb					EMM	124.63	45	iPKP	22	37.99	-1.0		
		e	26	44.00			e	21	22.00				ARO	125.84	274	iPKP+	22	43.80	1.5		
PKI	89.38	298	P	16	36.76	-0.8		eS	27	41.00			LMN	126.12	43	ePKP	22	43.50	1.6		
	0.9s	906.00nm	6.7mb				eP	17	19.54	-0.2		OASM	126.17	292	iPKPc	22	42.43	-0.2			
KKN	89.55	299	PKP	16	37.54	-0.6	NRI	99.27	339	iPc	17	20.50	-0.9	NUR	126.24	338	iPKP	22	41.30	-0.3	
	0.9s	1289.00nm	6.9mb			1.5s	354.00nm	6.6mb				BUL	127.01	231	iPKPd	22	44.00	-0.5			
DMN	89.64	298	PKP	16	38.24	-0.5		iS	27	42.00				iPP	23	32.60					
	1.0s	1500.00nm	6.9mb				ePS	28	30.00					ipPKP	24	42.60					
GKN	90.15	299	PKP	16	39.84	-1.0	MBC	99.66	13	eP	17	23.00	-0.1		iPKS	26	06.00				
	1.2s	1025.00nm	6.7mb			0.5s	5.00nm	5.2mb X				CAR	127.02	87	iPKP	22	43.00	-1.6			
DPW	90.23	40	iPc	16	40.93	0.2	KSH	99.77	308	P	17	25.90	1.4	RSTA	127.70	137	iPKPc	22	58.90	13.4X	
ARUT	90.25	51	iPc	16	42.01	0.9		0.9s	60.00nm	6.1mb				i	23	03.10					
TUC	90.76	57	iPc	16	44.41	0.9		Z	24s	1.65um	5.5MsZ			e	25	58.30					
		ipPd	17	32.08	191kmX	CCM	107.50	54	ePdiff17	55.62	-3.2X		PORP	128.19	78	PKP	22	45.10	-1.5		
UER	90.76	323	eP	16	42.00	-0.9			ePc	18	44.45		CLLP	128.25	78	PKP	22	45.40	-1.3		
	2.0s	520.00nm	6.2mb					ePdiff18	16.00	-1.9		AKU	128.29	3	iPKP	22	46.70	1.4			
		eS	26	56.00		ARU	111.92	325	ePdiff18	21.00	0.2			1.1s	308.86nm						
NEW	91.05	40	P	16	45.00	0.6	MAIO	112.43	304	iPdiff18	21.00	0.2		NAI	128.63	257	iPKPc	22	50.00	2.1	
MSU	91.42	51	eP	16	47.38	0.8		0.9s	31.97nm					1.0s	176.00nm						
DUG	91.43	49	ePc	16	46.75	0.3	KBS	114.04	355	ePKP	22	17.80	0.0		Z	24s	1.28um		5.5MsZ		
	1.3s	74.62nm	5.6mb			ARE	114.52	116	ePKP	22	21.00	0.2			PP	24	56.00				
						LHS	115.80	58	ePKP	22	20.23	-2.2									

				PPP	25	04.00				e	24	34.00			i	25	54.00				
				SS	34	44.00				e	24	54.00			SKP	26	19.20				
CPD	128.87	78		PKP	22	47.30	-0.6			e	25	10.00		ZST	137.95	330	ePKP	22	56.10	-8.1X	
UPP	129.12	341		iPKP	22	45.90	-1.2			e	25	54.00			i	23	04.30				
				iPP	24	52.40				e	26	37.00			i	25	43.70				
				iSKP	25	52.00				e	27	35.00			i	25	52.40				
				iPKS	26	06.00				e	28	20.00			i	26	22.30				
				iSKKP	35	15.70				e	34	56.00		EKA	138.14	352	PKP	22	53.00	-11.4X	
AAE	129.38	270		PKP	22	50.20	0.8			e	35	14.00			1.3s	51.00nm					
MOL	129.45	348		ePKP	22	46.40	-1.2	MUD	134.47	343	iPKPc	22	58.70	1.4	ESK	138.17	352	ePKP	22	57.00	-7.4X
REY	129.57	5		iPKP	22	48.90	1.1		0.7s	104.00nm					1.2s	150.00nm					
APO	129.68	343		ePKP	22	33.00	-15.2X	CVO	134.47	322	ePKPc	22	46.50	-11.3X	VKA	138.28	331	ePKP	22	56.00	-8.9X
	0.5s	16.50nm						PPCY	134.49	305	ePKP	22	57.00	-1.1		3.5s	2925.00nm				
CUM	129.68	88		iPKP	22	47.00	-2.5	ISR	134.60	321	ePKP	22	51.00	-7.1X		i	23	05.80			
				e	25	52.00		GBZT	134.68	314	iPKPc	22	58.00	-0.3		i	25	56.30			
KVT	129.90	312		iPKP	22	50.20	0.9	ISK	134.83	315	iPKP	22	57.40	-1.2	UZD	138.29	327	iPKP	23	04.90	0.0
NB2	129.97	345		PKP	22	48.20	-0.6	ALT	134.87	312	ePKP	22	48.00	-10.9X	WIT	138.36	342	ePKP	22	56.00	-8.8X
TRHT	130.02	311		ePKP	22	49.90	0.3	BMR	134.98	326	ePKP	23	01.00	2.4		e	23	06.00			
CTK	130.90	312		ePKP	22	51.90	0.6	BCK	135.07	309	ePKP	22	46.40	-12.9X		e	26	03.00			
QTFJ	130.94	300		PKP+	22	51.70	0.1	BUC	135.24	320	iPKPc	23	00.00	0.8	SRS	138.49	318	ePKP	22	54.08	-11.4X
KART	131.11	313		ePKP	22	52.30	0.5	OJC	135.28	331	ePKP	22	47.00	-12.1X	MOX	138.50	337	iPKP	22	55.00	-10.2X
SUE	131.38	349		ePKP	22	51.20	-0.1		0.7s	252.00nm					1.7s	456.00nm					
ARTJ	131.42	301		PKP+	22	52.56	0.0		i	22	59.10				e	23	20.30				
ADAT	131.56	307		ePKP	22	52.70	0.2	BUC1	135.32	320	ePKPc	23	00.00	0.6	OUR	138.61	316	iPKPc	22	54.84	-10.8X
KONO	131.58	345		ePKP	22	52.00	0.2	CEI	135.54	326	ePKP	23	02.00	2.3	SOH	138.79	317	ePKP	22	55.00	-11.1X
CSTJ	131.73	299		PKP+	22	53.29	0.2	KHL	135.56	311	ePKP	22	57.50	-2.7	KHC	138.88	334	PKP	22	55.00	-11.0X
ASK	131.83	348		ePKP	22	52.10	-0.1	KCT	135.65	314	iPKP	22	46.90	-13.3X		1.5s	366.00nm				
MDSJ	132.01	300		PKPd	22	54.11	0.5	TNR	135.69	323	ePKPc	22	48.00	-12.1X		i	23	06.30			
BHL	132.07	303		PKP	22	52.00	-1.7	DST	135.72	313	ePKP	22	49.00	-11.4X		e	23	22.00			
				PP	25	19.00		SPC	135.74	329	ePKP	22	46.70	-13.6X		PP	26	00.00			
HRI	132.13	302		ePKP	22	40.20	-13.6X		i	23	01.40				iSKP	26	26.00				
JARJ	132.15	301		PKP+	22	53.41	-0.5	LWI	135.77	252	iPKPd	22	50.00	-11.5X	KNT	138.92	318	ePKP	22	56.16	-10.1X
JARJ	132.15	301		PKP+	22	53.43	-0.4	LWI	135.77	252	iPKPc	22	50.90	-10.6X	PAIG	139.01	316	iPKPc	22	56.16	-10.3X
SHMJ	132.21	302		PKPd	22	54.48	0.6	ELL	135.82	309	ePKP	22	50.00	-10.8X	WTS	139.03	342	ePKP	22	57.50	-8.5X
BMA	132.24	139		ePKP	22	54.80	0.5	BNT	135.91	314	ePKP	22	46.90	-13.8X		0.7s	23.00nm				
				e	26	03.20		DRA	136.23	322	ePKPc	23	02.00	0.9		i	23	06.30			
QTRJ	132.27	300		PKP+	22	54.67	0.5	DEV	136.35	324	ePKPc	23	02.00	0.7		e	26	01.00			
BURJ	132.27	301		PKPd	22	53.66	-0.5	BRNL	136.42	337	ePKPc	23	01.50	0.3	GEC2	139.04	333	e(PKP)	22	54.90	-11.5X
GLH	132.30	302		ePKP	22	40.60	-13.5X		e	25	43.00				0.6s	1.40nm					
TRN	132.40	88		ePKP	22	55.00	0.3	KSP	136.43	333	iPKP	22	48.70	-12.6X	GEC2	139.04	333	e(PKP)	23	17.30	10.9X
SALJ	132.41	301		PKPd	22	53.88	-0.5		1.4s	850.00nm					0.7s	11.90nm					
WAJH	132.42	293		iPKPc	22	54.33	-0.1		ic	23	01.60			GEC2	139.04	333	ePKP	22	59.00	-7.4X	
KFNJ	132.45	300		PKPc	22	54.37	0.1		e	25	32.00				0.8s	24.30nm					
MKRJ	132.53	300		PKPd	22	54.11	-0.5		i	26	17.10				ec	23	06.30				
DVR	132.74	314		ePKP	22	54.00	-0.7	HLW	136.49	299	ePKP	22	53.00	-9.0X		e	23	09.20			
PAG	132.77	81		ePKP	22	48.00	-7.4X		e	23	02.00				e	23	16.00				
ZNT	132.92	301		ePKP	22	41.30	-13.9X		e	23	54.00				e(SKP)	26	25.20				
SGKT	132.92	313		ePKP	22	55.00	-0.3		e	25	46.00			GEC2	139.04	333	e(PKP)	23	06.00	-0.4	
FAM	133.14	305		ePKP	22	56.00	0.5		e	26	18.00				0.9s	76.40nm					
WIN	133.32	219		ePKP	22	42.50	-14.0X	BRN	136.49	337	ePKPc	23	02.00	0.7	GEC2	139.04	333	e(PKP)	23	08.00	1.6
	0.5s	78.87nm						GZR	136.71	323	ePKPd	23	02.50	0.4		0.4s	3.80nm				
CLI	133.44	322		iPKPc	22	55.50	-0.3	PSZ	136.75	328	ePKP	22	51.50	-10.6X	VAY	139.05	318	iPKPc	22	56.00	-10.4X
JFO	133.47	139		ePKP	22	48.40	-8.2X	EDU	136.94	352	ePKP	22	52.10	-10.0X	VAY	139.05	318	iPKP	23	05.30	-1.1
				e	22	50.40		ELO	137.11	353	ePKP	22	51.10	-11.3X		1.3s	438.00nm				
				e	26	01.50		IZM	137.18	312	iPKP	22	50.60	-12.6X		iPKS	26	24.00			
CFR	133.59	320		iPKPc	22	45.50	-10.5X	EZN	137.24	314	ePKP	22	51.00	-12.2X	THE	139.14	317	ePKP	22	56.08	-10.5X
NAL	133.59	313		ePKP	22	56.50	0.1	EBH	137.30	352	ePKP	22	54.80	-8.0X	WET	139.17	334	iPKPc	22	57.70	-8.8X
CSS	133.69	305		ePKP	22	57.00	0.4		1.4s	393.00nm				GRG	139.35	318	ePKP	22	57.28	-9.8X	
BSD	133.75	338		ePKP	22	54.00	-2.0	BRG	137.40	335	iPKP	22	50.60	-12.5X	GRF	139.42	336	ePKP	22	58.30	-8.6X
	0.7s	180.00nm							1.4s	520.00nm				Z	21s	0.70um			5.4Msz		
				e	25	24.00			i	23	01.60				e	23	07.40				
GYN	133.95	313		ePKP	22	56.70	-0.4		e	23	52.00				ePP	26	02.50				
VRI	134.12	322		ePKPc	22	42.00	-15.1X	VRAC	137.41	332	iPKPc	23	03.60	0.5		eSKP	26	27.20			
COP	134.13	340		iPKPd+2	57.30	0.6			2.3s	2783.60nm				SKO	139.42	320	iPKPc	22	57.70	-9.4X	
	0.8s	304.48nm							i	25	51.50			SKO	139.42	320	iPKP	23	04.00	-3.1X	
				i	25	32.00			e	26	39.60				i	23	07.70				
				i	26	14.00		CLL	137.44	336	iPKP	22	52.10	-11.1X		i	23	54.00			
				i	26	29.00			1.5s	57.00nm					i	23	55.00				
GPA	134.26	313		ePKP	22	49.00	-8.6X	CLL	137.44	336	iPKP	23	02.10	-1.1		i	25	55.00			
BAO	134.33	129		PKPc	22	43.80	-14.7X		1.7s	410.00nm					i	26	01.00				
				e	22	46.00			iSKP	26	20.10				iPKS	26	26.50				
				e	22	57.70			iPKS	26	37.80				e	27	09.00				
				e	23	18.90		ESY	137.50	352	ePKP	22	53.80	-9.4X	DBN	139.42	343	ePKP+	22	07.00	0.3
				e	25	22.80		PRK	137.53	314	ePKP	22	53.80	-9.9X		e	26	03.00			
				e	25	42.50		SSR	137.61	323	ePKPd	23	04.00	0.2	NPS	139.60	308	ePKP	22	59.80	-7.9X
				e	26	09.00		SRO	137.62	329	ePKP	22	50.50	-13.1X	LIT	139.72	317	iPKPc	22	58.00	-9.7X
				e	27	05.10			i	22	54.20			BNS	139.81	341	iPKPc	22	58.90	-8.6X	
				e	28	27.00			i	23	03.90				0.9s	200.00nm					
				e	29	20.00			i	25	50.20				ipPc	23	07.70				
				e	29	38.50		EAU	137.68	352	ePKP	22	52.40	-11.1X		i(PP)	26	05.00			
				e	30	13.00			1.0s	349.00nm				IVA	139.85	322	iPKPd	22	59.45	-8.5X	
				e	35	20.10		EBL	137.70	352	ePKP	22	53.00	-10.6X	PLE	139.88	323	ePKP	22	59.60	-8.5X
BDF	134.38	129		e(PKP)	22	43.00	-15.6X	PRU	137.82	334	ePKP	22									

			ic	23	04.00			i	23	13.50		MAO	145.01	328	PKP	23	16.50	-0.3		
			id	23	08.40		DOU	141.37	342	PKP	23	00.00	-9.5X	SOI	145.03	318	PKPc	23	17.00	0.0
			ec	26	09.00				i	23	05.90		FIN	145.03	333	PKP	23	16.00	-0.9	
			ed	26	28.60				PP	26	16.00		RRL	145.05	336	PKP	23	17.34	0.2	
BCI	140.04	321	iPKP	23	00.00	-8.3X			PKS	26	53.00		BGF	145.06	341	ePKP	23	16.00	-0.8	
KZN	140.09	318	ePKP	22	59.50	-9.0X			e	29	12.20		GMB	145.10	319	PKP	23	16.45	-0.9	
FNA	140.10	318	ePKP	22	59.44	-9.0X			e	31	03.50		BST	145.10	350	PKP	23	17.43	0.6	
PTJ	140.10	328	ePKP	23	01.80	-6.5X			SS	43	01.00		ROB	145.11	334	PKP	23	16.41	-0.6	
ZAG	140.15	328	ePKP	23	02.10	-6.2X	IGT	141.44	317	ePKP	23	05.08	-5.7X	DOI	145.20	335	PKP	23	15.30	-1.9
			i	26	07.50		SRN	141.47	318	ePKP	23	04.50	-6.3X	PZZ	145.26	335	PKP	23	16.41	-1.0
PHP	140.20	320	iPKPd	22	59.50	-9.1X	VLO	141.47	319	iPKP	23	04.80	-6.0X	MSI	145.27	319	PKP	23	16.25	-1.1
BHG	140.25	333	iPKPc	23	00.30	-8.1X	ECB	141.49	354	ePKP	23	05.70	-4.7X	PLDF	145.32	340	PKP	23	18.66	1.3
OHR	140.29	319	iPKP	23	00.10	-8.7X	ECP	141.63	354	ePKP	23	05.90	-4.8X	ENR	145.36	334	PKP	23	16.11	-1.4
	0.7s	125.00nm						0.5s	170.00nm			ATN	145.36	319	PKP	23	16.12	-1.5		
OHR	140.29	319	iPKP	23	04.10	-4.7X	HVAR	141.66	325	iPKP	23	03.70	-7.4X	STV	145.38	334	PKP	23	16.11	-1.4
			i	23	07.30		KEK	141.69	318	iPKPd	23	05.40	-5.9X	IMI	145.41	333	PKP	23	17.44	-0.1
			i	26	28.10		OGA	141.72	334	ePKP	23	06.00	-5.4X	AGO	145.41	340	PKP	23	17.77	0.3
AGG	140.36	315	iPKPc	22	59.72	-9.2X	VVI	141.76	331	PKP	23	06.20	-5.0X	MAF	145.44	341	ePKP	23	17.00	-0.5
ENN	140.38	341	ePKP	23	00.50	-8.0X	CDF	141.95	338	ePKP	23	06.20	-5.4X	SAOF	145.49	334	PKP	23	17.73	0.1
	0.6s	172.00nm						0.8s	193.45nm			TCF	145.49	342	ePKP	23	17.30	-0.3		
			i	23	09.20		VLS	141.96	315	ePKP	23	06.10	-5.7X	AUTN	145.54	334	PKP	23	18.16	0.2
			e	26	08.00		SLE	142.04	337	ePKPd	23	05.80	-5.9X	TOUF	145.60	334	PKP	23	18.08	0.0
NKY	140.42	323	iPKPd	23	00.96	-8.1X	VAL	142.16	357	iPKP	23	09.20	-2.4	SSB	145.60	338	PKP	23	18.04	0.2
MEM	140.49	341	iPKPc	23	01.74	-7.0X		0.8s	6.60nm			SBF	145.64	334	PKP	23	17.79	-0.2		
TTG	140.49	322	iPKPd	23	00.60	-8.4X	OSS	142.24	334	ePKPd	23	07.30	-4.9X	AURF	145.67	334	PKP	23	17.95	-0.1
KBA	140.52	332	iPKPc	23	00.10	-9.1X	ZLA	142.31	336	ePKPd	23	06.80	-5.4X	PYM	145.72	340	PKP	23	18.65	0.6
	1.3s	258.00nm					LLS	142.57	335	ePKPd	23	08.20	-4.6X	LSF	145.73	342	ePKP	23	17.50	-0.5
			i	23	08.80		BSF	142.62	338	ePKP	23	08.20	-4.5X	REVF	145.77	334	PKP	23	19.14	1.0
			i	23	14.60			1.3s	719.15nm			MFF	145.87	344	ePKP	23	18.00	-0.1		
			i	25	50.40		HAU	142.63	339	ePKP	23	08.50	-4.1X	PGF	145.97	331	PKP	23	18.66	0.1
			i	26	10.70			0.8s	233.20nm			MNO	145.98	319	PKP	23	18.04	-0.8		
			i	29	13.10		Z	20s	0.50um		5.3Msz	LBL	146.10	340	PKP	23	19.49	0.8		
DLF	140.54	354	ePKP	23	02.10	-6.6X	BRT	142.66	321	PKP	23	08.80	-4.1X	FRF	146.22	334	ePKP	23	18.30	-0.5
DLF	140.54	354	iPKPd	23	06.60	-2.1	VDL	142.68	334	ePKPd	23	09.00	-4.0X	MEU	146.32	318	PKP	23	19.55	0.2
	0.9s	787.00nm					BAI	142.71	322	PKP	23	08.00	-4.9X	GIB	146.36	320	PKP	23	18.00	-1.4
SDA	140.57	321	ePKP	23	01.00	-8.1X	PDCR	142.83	134	ePKP	23	19.50	5.6X	VILF	146.36	336	PKP	23	19.73	0.6
FUR	140.60	335	ePKP	23	03.00	-6.1X			e	23	23.70		PZI	146.37	318	PKP	23	19.31	0.0	
			e	23	09.10		SAL	142.91	333	PKP	23	10.00	-3.1X	TAVF	146.42	335	PKP	23	19.59	0.4
BRY	140.64	323	ePKP	23	01.48	-8.0X	TMA	143.23	335	ePKPd	23	10.30	-3.6X	LRG	146.43	334	ePKP	23	18.70	-0.4
LACI	140.68	321	ePKP	23	01.50	-7.9X	ARV	143.32	328	PKPc	23	11.50	-2.5		1.1s	2766.40nm				
LJU	140.71	330	ePKP	23	02.00	-7.3X	CPZ	143.53	352	ePKPc	23	09.60	-4.4X	LMR	146.47	334	ePKP	23	18.70	-0.5
LJU	140.71	330	i(PKP)	23	09.10	-0.2		0.7s	166.00nm			CDR	146.49	335	iPKPc	23	19.20	-0.1		
			ePKS	26	45.00		SFI	143.56	330	PKP	23	12.20	-2.1		i	23	21.80			
VBY	140.73	329	iPKP	23	02.50	-6.9X	MMK	143.65	335	iPKPc	23	13.00	-1.7	RJF	146.59	342	ePKP	23	19.20	-0.2
VBY	140.73	329	iPKP	23	07.60	-1.8	PGD	143.66	330	PKPc	23	13.20	-1.5	Z	20s	0.70um		5.4Msz		
			ePP	26	11.00		CRE	143.73	329	PKPc	23	12.50	-2.3	PRAF	146.62	336	PKP	23	19.95	0.4
			i	26	30.00		DUI	143.77	325	PKPc	23	12.40	-2.5	PUYF	146.64	335	PKP	23	19.73	0.2
			e	32	22.50		ASS	143.77	328	PKPc	23	12.30	-2.5	TREF	146.69	336	PKP	23	19.81	0.2
TIR	140.75	320	ePKP	23	02.00	-7.5X	DIX	143.85	336	ePKPd	23	13.30	-1.8	CAF	146.76	341	ePKP	23	20.00	0.3
ULC	140.77	321	iPKPd	23	00.80	-8.8X	AOU	143.88	326	PKPc	23	13.00	-2.0		1.2s	1390.05nm				
UCC	140.82	343	PKP	22	59.00	-10.3X	MME	143.91	331	PKP	23	13.56	-1.7	BERF	146.82	335	PKP	23	20.18	0.3
			e	23	08.00		TDS	143.92	320	PKP	23	13.40	-1.7	MCT	146.83	320	PKP	23	22.40	2.2
			e	24	04.00		FLN	143.94	346	ePKP	23	12.50	-2.3	MCT	146.83	320	PKP	23	18.45	-1.8
			PP	26	13.00			1.0s	539.20nm			GELF	146.87	335	PKP	23	20.18	0.3		
			PKS	26	54.00		Z	23s	1.35um		5.7MszX	LFF	147.15	342	ePKP	23	20.40	0.2		
BDV	140.84	322	iPKPd	23	01.34	-8.3X	FIR	143.96	330	iPKPc	23	14.00	-1.0	ERC	147.22	321	PKP	23	20.20	-0.5
HCY	140.94	322	iPKPd	23	02.10	-7.7X			i	26	55.00		LPO	147.25	342	ePKP	23	20.90	0.5	
VLI	141.00	312	ePKP	23	02.90	-7.2X	SGO	143.99	322	PKPc	23	12.70	-2.4	CVT	147.32	321	PKP	23	21.10	0.4
VOY	141.03	330	ePKP	23	03.00	-7.0X	ORO	143.99	335	PKPc	23	12.60	-2.5	LVI	147.40	322	PKP	23	21.03	0.2
			e(PP)	26	12.90		LDF	144.02	346	ePKP	23	12.70	-2.2	BCAO	147.73	256	iPKPc	23	21.00	-1.1
			ePKS	26	47.00			0.7s	246.05nm				1.3s	464.00nm						
BERA	141.05	319	iPKPc	23	03.20	-6.9X	EMS	144.04	336	ePKPd	23	14.20	-1.1		ic	23	28.00			
SNF	141.09	343	PKP	23	02.80	-7.0X	BOB	144.05	333	PKPc	23	13.70	-1.5		ic	23	38.00			
ETA	141.10	354	ePKP	23	04.00	-5.8X	MGR	144.10	322	PKP	23	12.60	-2.8		id	34	29.00			
WATA	141.12	334	iPKPc	23	03.40	-6.8X	LOR	144.10	341	ePKP	23	13.50	-1.7	MTHF	148.35	338	PKP	23	23.19	0.9
			i	23	10.30			1.5s	1997.35nm				PERF	148.62	338	PKP	23	23.20	0.5	
			i	23	13.10		Z	23s	0.77um		5.4MszX	VDCF	148.72	338	PKP	23	23.17	0.3		
FVI	141.14	332	PKP	23	02.70	-7.3X	AZI	144.11	326	PKPc	23	13.50	-1.8	LPD	148.78	318	PKP	23	24.05	0.9
WTTA	141.15	333	iPKPc	23	03.50	-6.8X	RFI	144.27	325	PKP	23	13.85	-1.7	GRBF	148.79	340	PKP	23	23.73	0.7
	1.7s	1471.00nm					LBF	144.32	340	ePKP	23	14.10	-1.5	ETER	148.79	337	ePKP	23	22.50	-0.4
			i	23	10.50			1.5s	2022.40nm			TRGS	148.94	339	PKP	23	23.94	0.5		
			i	23	13.50		PII	144.35	331	PKP	23	13.30	-2.3	SALF	148.98	340	PKP	23	25.16	1.8
WLF	141.27	340	iPKPd	23	03.92	-6.2X	GRR	144.38	346	ePKP	23	14.10	-1.5	EPF	149.01	341	ePKP	23	23.50	0.2
			id	23	11.00		SSF	144.40	341	ePKP	23	14.60	-1.1		0.9s	691.85nm				
RIY	141.28	329	ePKP	23	03.90	-6.4X	LSD	144.46	336	PKP	23	15.59	-0.6	OGE	149.13	342	PKP	23	24.22	0.7
MOTA	141.31	334	iPKPc	23	04.10	-6.5X	LPL	144.58	336	ePKP	23	15.70	-0.6	JAU	149.22	342	PKP	23	25.63	1.8
	1.7s	479.00nm					LPG	144.59	336	ePKP	23	15.80	-0.6	ESCF	149.24	342	PKP	23	24.31	0.6
			i	23	10.40		PCP	144.62	333	PKP	23	14.98</								

15d 21h

EROO 150.97 339 ePKP 23 26.29 0.0
 STS 151.04 354 ePKP 23 26.89 0.6
 ERUA 151.35 351 ePKP 23 27.48 0.7
 ETOR 151.75 343 iPKPc 23 28.64 1.1
 EZAM 151.79 354 ePKP 23 28.24 0.8
 GUD 152.47 346 iPKPc 23 29.86 1.2
 ECHE 152.54 340 iPKPc 23 29.71 1.0
 ACU 153.31 338 iPKPd 23 30.80 1.0
 ABA 153.32 331 iPKP 23 29.50 -0.3
 EPLA 153.44 349 iPKPc 23 30.63 0.7
 EVIA 153.89 342 iPKPc 23 31.77 1.1
 EALH 154.25 339 iPKPc 23 31.95 0.9
 EHUE 154.68 341 iPKPc 23 31.99 0.3
 EBAN 154.71 343 iPKPc 23 32.28 0.6
 LIS 155.23 353 iPKPc 23 33.20 0.9
 ENIJ 155.32 339 iPKPc 23 32.63 0.1
 ELUO 155.41 344 iPKPc 23 33.02 0.4
 EHOR 155.41 346 iPKPc 23 32.82 0.3
 ECOG 155.47 342 ePKP 23 32.39 -0.4
 EGUA 155.88 342 iPKPc 23 32.94 -0.4
 EVAL 155.97 348 iPKPc 23 34.32 1.0
 EPRU 156.22 345 iPKPc 23 34.48 0.7
 MAL 156.23 343 iPKPc 23 33.50 -0.2
 EJIF 156.77 345 iPKPc 23 35.14 0.7
 IFR 159.43 342 iPKPc 23 40.50 2.7
 AVE 160.24 347 iPKPc 23 39.00 0.6
 TIO 162.47 344 iPKPc 23 42.00 1.1
 KIC 169.04 227 PKP 23 45.26 -1.3
 1.2s 344.50nm
 LIC 169.14 225 PKP 23 46.34 -0.2
 1.5s 54.00nm
 TIC 169.43 227 PKP 23 46.24 -0.5
 1.2s 252.50nm
 MBO 175.89 85 iPKPc 23 58.20 9.1X
 KDS 178.44 199 iPKPd 23 49.50 0.0
 S.D. = 1.0 on 479 of 629 obs.

? SEP 15, 1992 21h 29m 46.36± 6.23s
 43.160 N ±22.6km 20.124 E ±39.1km
 DEPTH = 5.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).
 IVA 0.33 210 iPg 29 53.69 0.6
 iSg 29 58.35
 PLE 0.56 288 iPg 29 57.84 0.3
 iSg 30 05.23
 PVY 0.58 191 iPg 29 57.79 -0.1
 iSg 30 06.40
 NKY 0.90 248 iPg 30 03.96 -0.1
 iSg 30 16.15
 TTG 0.97 221 iPg 30 04.78 -0.4
 iSg 30 18.91
 BRY 1.19 258 iPg 30 08.84 -0.2
 iSg 30 26.60
 S.D. = 0.5 on 6 of 6 obs.

* SEP 15, 1992 21h 35m 34.97± 1.86s
 15.191 N ±24.1km 93.274 W ±10.7km
 DEPTH = 96.5km (3 depth phases)
 4.2mb (6 obs.)
 NEAR COAST OF CHIAPAS, MEXICO (69)

SCX 1.65 22 iP 36 04.00 0.6
 iS 36 23.00
 PBJ 2.40 301 iP 36 10.50 -2.8X
 iS 36 35.50
 OXX 3.81 300 iP 36 32.50 -0.3
 iS 37 12.00
 IISM 5.45 314 iP 36 55.50 0.3
 iS 37 53.00
 IIT 6.14 309 (P) 37 06.00 1.0
 ACX 6.55 286 eP 37 10.50 0.1
 III 6.73 299 eP 37 12.75 -0.3
 MRX 8.79 302 eP 37 41.50 0.4
 OLY 20.29 4 eP 40 05.18 0.0
 ALO 22.96 331 ePc 40 33.27 1.3
 0.8s 7.25nm 4.1mb
 TUC 23.33 320 (P) 40 36.87 1.4
 1.0s 10.27nm 4.2mb
 GOL 26.62 339 (P) 41 06.79 0.3
 0.6s 4.00nm 4.1mb

ARUT 28.73 325 (P) 41 27.35 1.9
 RSSD 30.26 345 (P) 41 38.23 -0.8
 0.7s 4.90nm 4.3mb
 (pP) 42 00.48 99km
 ISA 30.40 317 (P) 41 39.93 -0.3
 HVU 31.40 331 eP 41 49.47 0.4
 pP 42 11.04 95km
 sP 42 19.19
 ORV 34.63 320 (P) 42 16.02 -0.8
 LBFM 35.95 322 eP 42 26.09 -2.2
 FHC 36.90 320 (P) 42 33.64 -2.4
 DPW 38.55 333 eP 42 49.92 0.1
 pP 43 12.52 96km
 YKA 49.59 347 eP 44 16.30 -1.7
 0.6s 2.90nm 4.4mb
 MBC 62.59 353 eP 45 49.50 -1.1
 0.5s 2.00nm 4.4mb
 HYB 146.61 14 ePKP 55 08.00 1.9
 GBA 149.95 18 PKP 55 18.00 6.7X
 S.D. = 1.2 on 22 of 24 obs.

? SEP 15, 1992 21h 44m 33.80± 1.49s
 14.916 S ±18.0km 167.280 E ±25.3km
 DEPTH = 133.4 ± 13.0 km
 4.8mb (1 obs.)
 VANUATU ISLANDS (186)

BKM 2.89 161 iP 45 20.00 0.3
 iS 45 58.30
 PVC 2.98 161 iP 45 20.90 0.1
 DZM 7.16 186 iPc 46 17.00 -0.4
 iS 47 38.90
 HNR 9.00 306 eP 46 42.00 -0.1
 SPA 75.18 180 iPc 56 02.60 -0.5
 0.9s 15.45nm 4.8mb
 FIR 144.70 329 ePKP 03 56.00 -0.3
 FLN 144.78 346 ePKP 03 54.40 -1.9
 0.4s 3.55nm
 LDF 144.85 345 ePKP 03 54.80 -1.6
 LOR 144.92 340 ePKP 03 55.60 -1.0
 LBF 145.13 340 ePKP 03 56.30 -0.7
 SSF 145.21 340 ePKP 03 56.80 -0.3
 0.8s 8.60nm
 GRR 145.22 346 ePKP 03 56.20 -0.8
 LPL 145.37 336 ePKP 03 57.80 0.1
 0.6s 4.05nm
 LPG 145.37 336 ePKP 03 58.10 0.3
 0.7s 4.65nm
 LPF 145.59 346 ePKP 03 57.70 0.0
 BGF 145.87 341 ePKP 03 58.70 0.5
 0.3s 1.75nm
 MAF 146.26 341 ePKP 04 00.00 1.1
 TCF 146.31 341 ePKP 04 00.10 1.1
 SBF 146.41 333 ePKP 04 01.00 1.7
 0.8s 10.50nm
 LSF 146.55 342 ePKP 04 00.40 1.0
 BCAO 147.52 254 iPKPc 04 03.50 1.6
 0.9s 23.00nm
 LFF 147.97 342 ePKP 04 04.70 3.1X
 LPO 148.07 341 ePKP 04 04.90 3.1X
 S.D. = 1.0 on 21 of 23 obs.

& SEP 15, 1992 21h 56m 34.28s
 34.068 N 116.375 W
 DEPTH = 0.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS), 2.6 (GS).

PEC 0.68 255 iPc 56 47.13 -0.6
 S 56 56.60
 PLM 0.82 210 ePc 56 49.81 -0.8
 eS 57 01.12
 SSK 1.10 278 ePnc 56 54.92 -1.1
 eS 57 10.07
 GLA 1.64 128 ePn 57 00.80 -3.7
 iPg 57 04.80
 ISA 2.35 313 ePn 57 12.15 -2.6
 iPg 57 18.10
 ABL 2.48 289 ePn 57 15.14 -1.6
 BCH 3.26 291 ePn 57 26.91 -0.7
 7 obs. associated

? SEP 15, 1992 22h 51m 20.65± 8.63s
 15.975 N ±37.7km 60.154 W ±79.3km
 DEPTH = 27.0 ± 15.5 km
 LEEWARD ISLANDS (92)

ML 3.3 (FDF).

DEG 0.93 291 eP 51 38.11 0.2
 S 51 50.55
 SFG 1.04 286 eP 51 39.20 -0.2
 MGG 1.12 267 eP 51 40.66 0.1
 CRM 1.42 211 eP 51 44.51 -0.3
 S 52 00.80
 FDF 1.56 218 eP 51 47.01 0.0
 S 52 05.50
 MVM 1.58 207 iPd 51 47.32 0.1
 S 52 06.20
 BIM 1.70 212 eP 51 49.17 0.2
 S 52 08.90
 S.D. = 0.3 on 7 of 7 obs.

& SEP 15, 1992 23h 25m 37.32s
 35.150 N 116.866 W
 DEPTH = 1.6km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 2.8 (PAS), 2.4 (GS).

SSK 1.16 216 ePn 25 58.60 -1.3
 S 26 14.99
 PEC 1.28 191 eP 26 00.84 -1.0
 eS 26 17.61
 ISA 1.41 292 ePn 26 02.72 -1.4
 eS 26 21.75
 PLM 1.79 180 ePn 26 07.57 -2.2
 S 26 31.51
 TPNV 1.86 15 (Pn) 26 10.27 -0.5
 eS 26 37.26
 ABL 1.96 262 ePn 26 11.97 -0.2
 BCH 2.64 272 ePn 26 19.98 -1.8
 TNP 2.94 355 ePn 26 24.50 -1.7
 8 obs. associated

% SEP 15, 1992 23h 25m 55.36± 1.18s
 31.685 S ± 6.0km 71.638 W ±17.7km
 DEPTH = 33.0km (normol)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

JACH 1.33 139 iPd 26 18.05 0.2
 iS 26 34.54
 ROCH 1.39 158 iPd 26 19.24 0.4
 iS 26 35.81
 PEL 1.66 151 iP+ 26 22.67 0.0
 iS 26 42.28
 TLL 1.67 26 eP 26 23.00 0.0
 iS 26 43.50
 LCCH 1.79 178 iPd 26 24.76 0.4
 iS 26 45.41
 FCH 1.99 146 iPd 26 27.50 -0.2
 iS 26 50.16
 TACH 2.05 163 iP+ 26 28.33 0.1
 iS 26 51.76
 PCH 2.15 154 iPd 26 29.29 -0.4
 iS 26 53.53
 LNV 2.27 175 iPd 26 30.74 -0.5
 iS 26 56.73
 CHCH 2.39 160 iPd 26 32.95 -0.2
 iS 27 00.57
 CACH 2.58 160 iPd 26 35.91 0.1
 iS 27 06.95
 S.D. = 0.3 on 11 of 11 obs.

SEP 16, 1992 00h 17m 53.22± 0.25s
 14.884 N ± 6.0km 45.036 W ± 3.6km
 DEPTH = 10.0km (geophysicist)
 5.1mb (57 obs.) 4.6Msz (16 obs.)
 NORTHERN MID-ATLANTIC RIDGE (403)

SLW 15.42 269 eP 21 37.51 4.9X
 SLB 15.54 268 eP 21 37.03 2.8
 SVB 15.81 266 eP 21 36.70 -1.0
 TRN 16.51 257 eP 21 46.50 0.0
 CPD 20.27 282 P 22 39.40 7.6X
 CLLP 20.90 282 P 22 39.00 0.7
 PORP 20.95 282 P 22 35.20 -3.7X
 BAO 30.46 186 Pc 24 07.00 -1.7
 e 24 15.00
 e 24 25.80
 e 24 49.10
 BDF 30.48 185 Pc 24 08.90 0.0
 e 24 39.00
 HRV 35.75 326 P 25 10.00 15.8X

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey
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_{s2}). 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.

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% SEP 16, 1992 00h 25m 02.65± 0.91s
18.097 N ±11.5km 66.913 W ± 9.3km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

16d 00h

LRS 0.21 18 P 25 08.80 -0.6
 PORP 0.27 99 P 25 09.50 -0.5
 CLLP 0.32 93 P 25 10.40 -0.2
 APR 0.39 26 P 25 12.10 0.4
 CPD 0.95 93 P 25 20.40 0.7
 S.D. = 0.7 on 6 of 6 obs.

SEP 16, 1992 00h 43m 41.59 ± 0.47s
 46.626 N ± 9.6km 145.637 E ± 7.2km
 DEPTH = 364.3 ± 6.5 km
 4.3mb (29 obs.)

SEA OF OKHOTSK (663)

YSS 2.04 282 iPn 44 36.10 1.3
 KUR 2.09 131 iPn 44 35.50 0.4
 SHO 2.88 163 iPnc 44 39.00 -2.3
 SKR 8.02 56 ePn 45 36.90 0.0
 PET 10.56 48 ePn 46 07.00 0.0
 MDJ 11.42 266 eP 46 19.00 1.6
 MAT 11.50 211 eP 46 19.00 0.6
 CN2 14.51 266 eP 46 50.30 -2.2
 SNY 16.51 261 Pc 47 14.00 0.4
 CIT 21.46 296 eP 48 02.00 -0.5
 BOD 22.08 312 iPc 48 08.20 -0.1
 HHC 25.15 269 P 48 37.40 0.6
 XAN 30.40 259 P 49 23.00 -0.1
 LZH 32.74 266 eP 49 43.50 0.1
 GTA 33.88 275 iPd 49 53.50 0.6
 CD2 35.77 259 eP 50 08.60 -0.1
 IMA 36.95 36 iPc 50 17.02 -1.3
 FBA 39.44 38 eP 50 39.80 1.2
 CHG 47.15 250 ePd 51 41.00 0.6
 KAF 61.27 332 eP 53 18.50 -2.4
 NUR 62.99 332 iP 53 30.10 -2.1
 GBA 65.28 264 P 53 46.30 -1.1
 HFS 66.63 336 eP 53 53.10 -2.2
 WB2 67.04 192 iPd 53 58.20 0.0
 KIV 67.07 310 iP 53 58.10 -0.3
 PV10 72.25 53 eP 54 31.70 2.0
 CLL 74.27 331 iPc 54 40.30 -0.5
 PRU 74.87 330 eP 54 44.30 0.1
 KHC 75.93 330 eP 54 50.50 0.4
 GEC2 76.13 330 ePd 54 50.80 -0.5
 HAU 79.28 334 eP 55 15.20 6.9X
 BSF 79.30 333 eP 55 15.60 7.1X
 FLN 80.52 338 eP 55 14.40 -0.3
 LDF 80.59 338 eP 55 14.70 -0.3
 GRR 80.97 338 eP 55 17.10 0.1
 AVF 81.27 335 eP 55 18.60 0.0
 LPF 81.34 338 eP 55 19.30 0.3
 LPL 81.37 332 eP 55 19.80 0.3
 LPG 81.38 332 eP 55 20.00 0.4
 BGF 81.63 335 eP 55 22.30 1.8
 MAF 82.01 335 eP 55 23.10 0.6
 LSF 82.28 336 eP 55 24.20 0.3

MFF 82.42 337 eP 55 25.10 0.5
 CAF 83.34 335 eP 55 30.20 0.9
 LFF 83.71 336 eP 55 32.00 1.0
 S.D. = 1.1 on 43 of 45 obs.

% SEP 16, 1992 01h 45m 19.38 ± 0.74s
 46.452 N ± 10.4km 2.632 E ± 9.6km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.4 (LDG).

BGF 0.18 54 Pg 45 24.20 0.7
 MAF 0.24 191 Pg 45 24.50 0.1
 TCF 0.34 241 Pg 45 26.30 0.0
 AVF 0.60 55 Pg 45 31.10 -0.4
 SSF 0.86 44 Pg 45 35.60 -0.3
 SMF 0.86 77 Pg 45 35.60 -0.3
 LBF 1.07 60 Pg 45 39.70 0.2
 S.D. = 0.5 on 7 of 7 obs.

? SEP 16, 1992 02h 01m 35.83 ± 1.11s
 46.464 N ± 14.9km 2.619 E ± 13.7km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.3 (LDG).

BGF 0.18 59 Pg 01 40.70 0.8
 MAF 0.24 189 Pg 01 41.00 -0.1
 TCF 0.33 238 Pg 01 42.80 0.1
 AVF 0.60 57 Pg 01 47.20 -0.8
 S.D. = 1.1 on 4 of 4 obs.

* SEP 16, 1992 02h 08m 30.41 ± 1.77s
 51.832 N ± 12.2km 158.672 E ± 15.1km
 DEPTH = 58.0 ± 13.2 km
 4.5mb (10 obs.)

NEAR EAST COAST OF KAMCHATKA (218)

PET 1.19 359 ePn 08 52.00 1.0
 SKR 1.99 235 (Pn) 09 01.20 -1.1
 YAK 18.64 314 iPd 12 45.90 0.5
 ILT 19.51 26 eP 12 54.00 -1.2
 MAT 21.08 232 (P) 13 10.00 -1.7
 BOD 25.93 301 eP 14 00.50 2.1
 ZAK 34.10 290 eP 15 12.70 1.7
 CHG 56.79 258 eP 18 11.50 0.6
 GUN 58.16 276 P 18 19.86 -1.0
 KKN 58.61 276 P 18 23.82 0.0
 PKI 58.69 276 P 18 24.74 0.2
 DMN 58.85 276 P 18 25.80 0.2
 GKN 58.86 277 P 18 25.46 0.0
 BW06 58.90 59 (P) 18 31.79 6.0X
 KAF 60.30 336 iP 18 33.90 -0.8
 RSSD 60.84 55 P 18 40.00 1.1
 NUR 62.09 336 iP 18 46.00 -0.8
 PV10 62.27 63 eP 18 55.50 6.8X
 NB2 64.51 343 P 19 01.20 -1.6
 HFS 64.88 342 eP 19 04.10 -1.0
 MNK 67.00 331 eP 19 16.00 -2.7
 HYB 70.43 273 eP 19 40.30 -0.2
 CLL 73.21 338 eP 19 56.00 -0.4
 WB2 74.57 204 iPd 20 07.30 2.7
 0.9s 3.60nm 4.3mb

KHC 75.11 337 eP 20 08.50 1.0
 GEC2 75.34 337 eP 20 09.30 0.4
 KBA 77.08 336 e(P) 20 20.00 1.2
 S.D. = 1.4 on 25 of 27 obs.

SEP 16, 1992 02h 26m 39.98 ± 0.32s
 51.493 N ± 5.7km 159.551 E ± 5.3km
 DEPTH = 36.6km (10 depth phases)
 4.8mb (57 obs.) 4.4Msz (4 obs.)
 OFF EAST COAST OF KAMCHATKA (219)

PET 1.62 340 iPnc 27 07.00 0.3
 SKR 2.33 251 ePn 27 17.40 0.7
 SMY 9.04 76 eP 28 45.58 -5.4X
 MGD 9.92 334 ePnc 29 03.00 -0.2
 KUR 9.98 236 ePn 29 13.00 9.1X
 SHO 11.48 233 ePn 29 19.00 -5.3X
 YSS 11.87 254 (Pn) 29 31.00 1.4
 ASAJ 13.53 244 eP 29 51.70 0.1
 YAK 19.26 315 eP 31 01.00 -2.9
 ILT 19.58 25 eP 31 05.00 -2.4
 NIJJ 20.37 234 eP 31 15.20 -0.7
 KAKJ 20.61 230 eP 31 18.30 -0.1
 MDJ 21.07 263 Pd 31 20.10 -3.0
 CHJJ 21.31 232 eP 31 25.10 -0.4
 MAT 21.31 234 eP 31 25.00 -0.6
 MTMJ 21.48 235 eP 31 28.60 1.2
 IJDJ 22.29 233 eP 31 34.30 -1.1
 TSRJ 23.22 236 eP 31 44.90 0.4
 TIK 24.40 337 eP 31 55.50 -0.1
 TTA 26.07 47 eP 32 09.00 56kmX
 SNY 26.27 263 Pd 32 12.80 -0.6
 BOD 26.57 302 eP 32 15.20 -0.8
 IMA 27.47 40 eP 32 23.63 -0.7
 CIT 28.09 289 eP 32 29.00 -1.0
 FBA 29.81 43 eP 32 43.65 -1.6
 ZAK 34.73 291 iPd 33 27.50 -0.7
 NJ2 35.44 253 Pd 33 35.00 0.5
 MOY 35.54 294 eP 33 31.10 -4.0X
 TIY 35.63 266 Pc 33 35.50 -0.7
 NRI 36.84 326 ePc 33 42.00 -3.8X
 MBC 38.65 22 eP 34 00.50 -0.5
 XAN 40.17 264 P 34 14.60 0.5
 LZH 42.01 271 eP 34 28.50 -0.9
 Z 15s 40.00nm 4.9mb
 Z 15s 0.53um 4.5MszX

E	15s	0.53um																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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16d 04h

0.8s 1.90nm 3.9mb
S.D. = 1.7 on 7 of 9 obs.
% SEP 16, 1992 04h 09m 00.19±0.68s
42.419 N ± 6.1km 19.422 E ± 5.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

TTG 0.12 275 iPg 09 04.52 1.4
iSg 09 07.52
PVY 0.44 66 iPg 09 09.39 0.1
iSg 09 16.64
BDV 0.46 253 iPg 09 09.33 -0.2
iSg 09 16.39
ULC 0.47 196 iPg 09 09.59 -0.2
iSg 09 17.02
NKY 0.50 322 iPg 09 10.20 -0.2
iSg 09 18.20
IVA 0.57 38 iPg 09 11.77 -0.1
iSg 09 20.60
HCY 0.68 273 iPg 09 13.35 -0.4
iSg 09 23.69
BRY 0.81 307 iPg 09 15.62 -0.3
iSg 09 27.92
S.D. = 0.7 on 8 of 8 obs.

SEP 16, 1992 04h 23m 16.17±0.12s
11.645 N ± 3.1km 93.590 E ± 2.6km
DEPTH = 149.4km (23 depth phases)
5.3mb (121 obs.)
ANDAMAN ISLANDS, INDIA (703)
Felt on the Andaman and Nicobar Islands.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 22C
Centroid Location:
Origin Time 04:23:17.7 0.6
Lot 11.62N FIX; Lon 93.62E FIX
Dep 156.0 2.0 Half-duration 1.3
Moment Tensor: Scale 10**17 Nm
Mrr=-1.01 0.07 Mtt=-0.03 0.08
Mff=-0.98 0.11 Mrt= 0.15 0.07
Mrff=-0.54 0.08 Mtf=-0.05 0.11
Principal Axes:
T Val= 1.17 Plg=74 Azm= 62
N -0.05 7 179
P -1.12 14 271
Best Double Couple: Mo=1.1*10**17
NP1: Strike= 11 Dip=32 Slip= 104
NP2: 175 60 81

KHT 5.78 57 iPd 24 40.20 -0.7
NNT 6.08 80 iPd 24 45.30 0.4
BSI 6.34 164 iP 24 48.00 -0.4
eS 25 58.00
NST 7.51 57 eP 25 04.50 0.2
BDT 7.65 43 iPd 25 05.00 -1.0
1.0s 448.50nm 6.0mb
SNG 8.23 122 eP 25 15.00 1.2
eS 26 58.00
CHG 8.80 35 iPd 25 21.50 0.0
eSg 26 53.80
LOE 9.74 53 iPd 25 34.40 0.5
IPM 10.17 133 ePc 25 40.10 0.6
1.1s 228.00nm 5.7mb
PPI 13.79 150 e(P) 26 25.00 -1.6
HYB 15.64 293 ePd 26 51.40 1.5
1.0s 220.00nm 5.4mb
e 27 14.00
e 27 27.00
eS 29 34.00
GBA 15.89 279 P 26 54.20 1.4
S 29 41.20
KMI 15.96 32 Pd 26 56.00 2.0
1.5s 240.00nm 5.3mb
Z 14s 0.70um 4.3msz
N 10s 0.70um
E 10s 0.80um
PP 27 14.00
QIZ 17.30 63 Pc 27 10.40 0.2
1.0s 74.00nm 5.0mb
N 11s 0.65um
E 14s 1.11um
LSA 18.11 353 iPc 27 19.60 -0.3
PP 27 40.00

GYA 19.21 38 iPc 27 31.00 -0.1
1.2s 140.00nm 5.2mb
Z 16s 1.18um 4.9msz
N 10s 0.35um
E 10s 0.68um
PP 27 51.00
pP 27 58.00 155km
S 30 56.00
POO 20.24 292 iPd 27 45.80 4.1X
0.8s 89.55nm 5.2mb
CD2 21.36 25 eP 27 53.00 0.2
0.7s 76.00nm 5.2mb
ePP 28 17.70
S 31 36.20
GZH 21.99 56 P 27 59.40 0.5
1.0s 75.00nm 5.1mb
PP 28 30.50
HKC 22.33 59 eP 28 03.20 1.0
KKM 23.03 102 ePc 28 10.50 1.3
1.7s 1074.90nm 6.0mb
LZH 26.04 19 Pc 28 37.50 0.1
2.0s 190.00nm 5.4mb
Z 25s 0.74um 4.1msz
pP 29 10.00 158km
PP 29 23.00
sP 29 30.00
eS 32 50.00
ScP 35 27.00
PcS 35 40.00
XAN 26.32 30 P 28 38.00 -1.9
1.0s 18.00nm 4.7mb
E 10s 0.48um
PcP 32 02.50
S 32 59.00
BAG 26.60 77 ePc 28 42.90 0.2
1.0s 80.00nm 5.3mb
TGY 26.76 82 eP 28 46.50 2.6
WHN 26.91 43 eP 28 44.00 -1.1
1.0s 18.00nm 4.7mb
Z 14s 1.18um 4.6msz
E 10s 0.58um
eS 33 06.00
OCP 26.92 81 eP 28 47.00 1.6
GTA 28.20 10 iPc 28 57.00 0.1
1.0s 48.00nm 5.2mb
pP 29 26.00 137kmx
sP 29 44.00
PP 29 54.50
PcP 32 07.20
eS 33 30.20
ScP 35 34.00
PcS 35 48.80
ScS 39 25.50
KHKI 29.57 131 ePd 29 08.80 -0.4
e 31 55.70
PLP 30.76 88 ePd 29 18.70 -1.0
NJ2 30.88 45 Pc 29 20.20 -0.3
1.0s 33.00nm 5.0mb
S 34 14.00
TIY 30.97 30 eP 29 21.00 -0.3
Z 14s 0.60um 4.4msz
N 12s 0.81um
S 34 08.00
KSH 31.80 334 Pc 29 29.90 1.3
0.8s 180.00nm 5.9mb
Z 20s 0.62um 4.3msz
S 34 29.00
DAV 31.87 95 eP 29 31.00 1.7
SSE 32.02 49 Pd 29 30.40 -0.1
1.0s 20.00nm 4.9mb
Z 20s 0.60um 4.3msz
E 12s 0.30um
sP 30 16.00
S 34 31.00
sS 35 24.00
BTO 32.27 24 eP 29 30.80 -1.9
TIA 32.40 37 eP 29 30.00 -3.7X
Z 15s 0.71um 4.5msz
eS 34 32.00
WMO 32.46 352 iPc 29 35.00 0.7
1.5s 150.00nm 5.6mb
S 34 37.00
HMC 33.11 25 P 29 39.60 -0.4
0.8s 23.00nm 5.0mb
N 11s 0.36um
E 11s 0.37um

BJI 34.62 31 eP 29 52.00 -0.7
1.3s 40.00nm 5.0mb
eP 30 23.00 143km
eS 30 40.00
eS 35 10.00
eS 36 04.00
eSS 37 32.00
MAIO 39.32 314 iPc 30 33.60 1.2
0.9s 10.66nm 4.6mb
eS 36 27.00
ZAK 39.44 10 iPc 30 33.30 0.3
1.6s 43.00nm 4.9mb
ePP 31 06.50 150km
e 32 38.50
eS 36 15.00
eSS 39 13.00
e 40 21.00
UER 39.81 0 iPc 30 36.00 0.0
1.2s 160.00nm 5.6mb
i 31 11.00 159km
eS 36 29.50
e 40 24.20
SNY 39.88 36 Pc 30 36.00 -0.7
Z 16s 0.53um 4.5msz
S 36 24.00
NANU 40.23 148 eP 30 39.00 -0.7
ASH 40.94 316 iPc 30 47.50 2.0
1.3s 300.00nm 5.8mb
e 31 20.00 146km
e 36 50.00
IRK 41.43 10 eP 30 48.30 -1.1
2.0s 48.00nm 4.8mb
e 31 19.20 138kmx
MBL 41.56 142 eP 30 50.00 -0.7
CN2 42.20 35 iPc 30 55.20 -0.5
0.8s 25.00nm 4.9mb
ePP 31 29.40 154km
eS 31 44.00
eS 37 02.00
KAT 42.98 316 eP 31 04.00 1.9
e 31 34.00 133kmx
e 32 46.00
iS 37 19.00
CIT 43.39 18 eP 31 05.00 -0.3
e 32 52.00 615kmx
KNA 44.19 127 eP 31 10.80 -1.3
MTN 44.49 122 eP 31 13.30 -1.3
MRWA 46.02 152 eP 31 26.00 -0.5
MAT 47.12 51 eP 31 34.00 -1.1
2.0s 88.24nm 5.1mb
BAL 47.53 153 eP 31 38.00 -0.2
MUN 48.48 154 eP 31 45.00 -0.6
BOD 48.71 14 iPc 31 46.20 -0.8
1.3s 71.00nm 5.2mb
KLB 48.84 152 eP 31 47.40 -0.9
SHE 48.87 314 iPc 31 50.00 1.5
1.0s 250.00nm 5.0mb
iS 38 44.00
WARB 49.47 140 eP 31 52.00 -1.3
COOL 49.89 149 eP 31 55.00 -1.4
WRA 50.94 128 P 31 58.79 -5.7X
WB2 50.94 128 iPc 32 03.70 -0.9
0.7s 135.00nm 5.6mb
i 32 39.70 158km
SVE 51.71 338 iPc 32 10.00 0.2
1.1s 220.00nm 5.8mb
Z 18s 0.20um 4.2msz
N 18s 0.50um
E 18s 0.20um
i 32 44.80 151km
i 33 00.00
i 33 20.00
GRO 51.96 317 iPc 32 13.00 1.1
eS 39 25.00
WWKK 52.01 104 eP 32 13.70 0.9
ARU 52.20 336 iPc 32 13.30 -0.2
1.1s 150.00nm 5.7mb
e 32 47.00 146km
e 33 17.00
eS 39 24.00
ASPA 52.78 132 iPc 32 17.10 -1.1
0.6s 82.90nm 5.7mb
e 32 52.00 151km
FORT 53.63 143 eP 32 23.40 -0.9
AAE 53.93 273 eP 32 30.50 3.2X
PYA 53.98 316 iPc 32 27.00 0.2

	1.0s	200.00nm		5.9mb		0.5s	20.00nm		5.2mb	ARV	75.32	312	Pc	34	44.70	0.0
			i	33	04.00	161kmX				FVI	75.34	315	Pc	34	44.10	-0.6
			e	33	25.00					LOF	75.56	338	eP	34	45.12	-0.4
KIV	54.20	316	iP	32	29.40	0.8				HOF	75.85	319	eP	34	47.80	0.2
			i	33	02.40	142km					1.0s	18.00nm				4.8mb
			iS	39	56.40					MOX	76.01	319	iP	34	48.70	0.3
YSS	54.20	40	(P)	32	27.00	-1.3					1.6s	61.00nm				5.1mb
QIS	55.42	125	iPc	32	35.90	-1.6				CRE	76.03	312	Pc	34	48.50	-0.3
	0.8s	23.00nm				5.1mb				WTTA	76.10	316	iPc	34	48.50	-0.7
SOC	56.12	315	iPc+	32	42.00	-0.2					0.8s	52.40nm				5.3mb
	1.0s	200.00nm				6.0mb							i	34	51.30	9kmX
			e	33	16.50	148km							i	35	01.00	
			e	40	40.00											
YAK	56.63	19	eP	32	43.00	-2.5				PGD	76.19	313	Pc	34	50.50	0.7
	1.3s	82.00nm				5.5mb				NB2	76.20	330	P	34	48.90	-0.4
HRI	56.89	302	iPc	32	48.20	0.2					0.9s	43.10nm				5.2mb
DSI	56.97	300	iPc	32	48.90	0.4				GRF	76.29	319	iPc	34	50.80	0.8
PMG	57.21	109	eP	32	50.00	-0.3					1.5s	93.00nm				5.3mb
	0.9s	67.23nm				5.6mb				Z	18s	0.07um				4.0Msz
MBH	57.22	298	iPc	32	50.50	0.2				FUR	76.31	317	iPc	34	50.20	0.0
NRI	57.81	358	iPc+	32	52.50	-1.2				OGA	76.53	316	iPc	34	51.40	-0.3
			i	33	27.00	146km					0.8s	81.00nm				5.5mb
			i	33	44.00					BLF	76.56	236	iPc	34	52.10	0.0
			eS	40	39.00						0.7s	30.00nm				5.1mb
			ePS	40	54.00					MME	76.91	313	P	34	54.30	0.5
KVT	58.08	311	iP	32	55.30	-0.8				SAL	76.95	314	P	34	51.10	-2.6
CSS	59.10	304	eP	33	03.00	-0.2				SAL	76.95	314	P	34	54.81	1.1
CTA	60.66	121	iPc	33	13.10	-0.9				OSS	77.15	315	ePc	34	55.30	0.3
	1.0s	20.00nm				5.0mb				MUD	77.31	326	iPd	34	56.10	0.7
			i	33	50.90	160kmX					1.2s	69.00nm				5.3mb
NAL	61.45	309	eP	33	18.60	-0.7				KIM	77.59	237	iPd	34	59.50	1.8
BCK	61.62	306	eP	33	18.30	-2.1				VDL	77.62	315	ePc	34	57.90	0.2
OBN	61.91	327	iPc+	33	21.40	-0.4				BOB	77.76	314	Pc	34	58.70	0.4
	1.5s	280.00nm				6.0mb				LLS	77.92	316	ePc	34	59.50	0.2
			i	33	56.00	145km				MOL	77.93	332	eP	34	59.42	0.7
			i													

16d 04h

SNF	80.68	320	Pc	35	13.80	0.1	MHA	104.69	65	ePdiff	37	07.95	1.0	OPX	149.69	20	(PKP)	42	48.00	2.2
LBF	81.33	316	iPc	35	17.50	0.2	SES	114.57	17	ePKP	41	40.00	-0.2	PBJ	150.71	18	(PKP)	42	52.00	4.9X
	1.0s	70.40nm				5.3mb	ULM	117.82	7	ePKPd	41	49.00	2.7	PEL	154.20	211	ePKP	42	53.00	1.3
LOR	81.37	316	iPc	35	17.60	0.1	LBFM	117.95	30	ePKPd	41	47.84	0.7				i	43	05.50	
	1.2s	97.60nm				5.4mb	LRM	118.18	20	ePKP	41	47.40	-0.1	TLL	156.55	216	ePKP	42	56.00	0.8
SMF	81.47	316	iPc	35	18.10	0.1	LMN	119.55	343	ePKPd	41	52.70	3.0X	CCH	159.58	251	ePKP	43	01.00	1.9
	1.0s	51.20nm				5.2mb	HHA1	120.40	22	ePKP	41	52.37	0.8				e	43	39.00	
SSF	81.64	316	iPc	35	19.10	0.2	CMB	121.23	31	(PKP)	41	53.18	-0.1	ANT	160.63	230	iPKP	43	02.00	3.2X
	0.9s	23.60nm				4.9mb	EMM	121.32	344	ePKP	41	53.11	0.1				i	43	43.50	
AVF	81.78	316	iPc	35	19.70	0.1	HVU	121.56	23	ePKP	41	54.56	0.7	CNCB	161.42	252	PKP	43	03.60	2.3
	1.1s	45.40nm				5.1mb	EEO	121.61	354	ePKPc	41	56.00	2.4				i	43	48.00	
MAW	82.10	191	eP	35	17.00	-3.7X	RSSD	122.23	15	ePKP	41	54.87	-0.3	LPB	161.59	253	PKPc	43	03.80	2.5
	1.0s	49.00nm				5.2mb	Z	21s	0.08um			4.4Msz				i	43	48.70		
MAW	82.10	191	P	35	20.29	-0.4	DUG	122.90	24	iPKPd	41	57.56	1.1	ZOBO	161.67	253	iPKPc	43	03.10	1.5
BGF	82.16	316	iPc	35	22.10	0.5										1.2s	41.22nm			
	1.0s	46.60nm				5.2mb	RSNY	123.04	350	iPKP	41	56.76	0.3				i	43	48.80	
WIN	82.24	245	iPc	35	24.80	2.2	Z	21s	0.06um			4.2Msz		ARE	164.76	250	ePKP	43	07.00	2.8
	1.0s	42.00nm				5.1mb	DAU	123.32	23	iPKP	41	58.21	0.7				S.D. = 1.0	on 349 of 369 obs.		
MAF	82.40	316	iPc	35	23.50	0.6	EMUT	124.01	23	iPKP	41	59.29	0.5							
	0.8s	24.70nm				5.0mb	WLVO	124.22	353	PKP	41	59.13	0.4							
TCF	82.64	316	iPc	35	24.70	0.6	HRV	124.42	347	iPKP	41	59.66	0.5							
	1.2s	61.00nm				5.3mb	MSU	124.60	24	ePKPc	42	01.13	1.2							
CAF	82.96	314	iPc	35	26.50	0.7	ARUT	124.68	26	ePKP	42	00.77	0.7							
	1.1s	36.15nm				5.1mb	ACTO	124.71	354	PKP	42	00.25	0.6							
LSF	83.11	316	iPc	35	26.80	0.3	SRU	124.73	23	iPKP	42	00.04	-0.1							
	0.8s	24.30nm				5.1mb	STCO	125.01	354	PKP	42	00.67	0.4							
ESEL	83.19	309	eP	35	29.00	2.0	TYNO	125.20	354	PKP	42	01.17	0.5							
RJF	83.28	315	iPc	35	28.30	1.0	JFWS	125.59	3	iPKP	42	01.43	0.0							
	1.3s	92.05nm				5.5mb	GOL	125.96	18	iPKP	42	03.21	0.6							
LPO	83.61	314	iPc	35	30.00	1.0														
	0.7s	25.15nm				5.2mb	PEC	126.09	32	iPKP	42	03.54	0.8							
DAG	83.72	348	iPd	35	28.70	-0.3	TBR	126.29	349	iPKP	42	03.28	0.4							
	1.3s	111.54nm				5.5mb	LVNJ	126.71	349	ePKPc	42	03.99	0.3							
LDF	83.81	318	iPc	35	30.30	0.4														
	0.8s	34.25nm				5.2mb	GLA	127.94	30	ePKP	42	05.38	-0.9							
LFF	83.88	314	iPc	35	31.40	1.0	ALO	129.92	22	ePKP	42	07.65	-2.6							
	1.1s	35.40nm				5.1mb	ALO	129.92	22	ePKP	42	11.68	1.4							
FLN	84.01	318	iPc	35	31.40	0.5														
	0.8s	37.35nm				5.3mb														
EBL	84.17	326	ePc	35	32.40	0.8														
	1.1s	51.00nm				5.3mb	TUC	130.46	27	ePKP	42	12.48	1.3							
MFF	84.19	316	iPc	35	32.40	0.5														
	0.8s	29.15nm				5.2mb	FVM	130.49	4	ePKP	42	10.85	-0.1							
EDI	84.22	326	ePc	35	32.80	1.0														
GRR	84.33	318	iPc	35	33.00	0.5	NAV	131.02	354	ePKPd	42	12.20	0.2							
	1.4s	59.25nm				5.2mb	ELC	131.26	3	ePKP	42	12.84	0.4							
EKA	84.33	325	Pc	35	33.00	0.6														
	0.8s	36.00nm				5.3mb														
EAU	84.39	326	eP	35	34.10	1.4	LST	131.99	4	ePKP	42	14.48	0.7							
ELO	84.39	326	ePc	35	33.10	0.4	GBTN	132.90	358	ePKP	42	15.63	0.0							
LPF	84.52	318	iPc	35	34.20	0.7	PWLA	133.61	2	ePKP	42	16.30	-0.7							
	0.9s	39.15nm				5.2mb	LHS	133.82	354	ePKP	42	16.97	-0.4							
EAB	84.80	326	ePc	35	35.70	1.0	JSC	134.07	354	ePKP	42	16.97	-0.9							
	1.0s	40.00nm				5.2mb	PRM	134.36	355	ePKP	42	18.77	0.3							
EROO	84.87	310	eP	35	36.50	1.1	HBF	135.30	353	ePKP	42	19.06	-1.1							
EGRA	85.15	312	iPc	35	35.00	-1.7	JFO	137.65	251	ePKP	42	18.80	-6.3X							
ECHE	86.15	309	iPc	35	43.10	1.2														
ETOR	86.71	311	iPc	35	45.00	0.4	VAO	140.81	248	ePKP	42	21.30	-9.5X							
DLF	86.73	324	eP	35	44.00	-0.3	RSTA	142.33	245	ePKP	42	43.60	10.3X							
DMU	86.79	324	eP	35	45.00	0.4	BDF	142.40	259	PKPc	42	31.00	-2.8							
EVIA	87.52	309	iPc	35	49.30	0.7	BAO	142.49	259	PKPc	42	30.80	-3.2X							
EHUE	87.77	308	iPc	35	50.50	0.7														
AKU	88.13	337	iP	35	54.00	3.2X														
	1.0s	36.00nm				5.4mb	CRM	143.59	315	iPKPd	42	33.11	-2.5							
GUD	88.30	311	iPc	35	53.30	1.0	MVM	143.71	315	iPKPd	42	33.84	-2.1							
IMA	88.36	22	ePc	35	52.27	0.2	FDF	143.76	316	iPKPd	42	34.16	-1.9							
	1.2s	17.41nm				5.0mb	BIM	143.86	315	iPKPd	42	34.66	-1.5							
		epP	36	32.51	159km		LPR	143.99	325	PKP	42	34.50	-1.9							
TOL	88.40	310	eP	35	53.40	0.7	SLW	144.11	315	ePKP	42	35.73	-0.9							
ECOG	88.65	308	iPc	35	54.00	0.0	CPD	144.23	325	PKP	42	35.90	-0.8							
TTA	88.73	25	eP	35	54.30	0.4	SJG	144.31	326	PKP	42	35.60	-1.3							
EGUA	88.75	307	iPc	35	54.90	0.5	SLB	144.32	314	ePKP	42	36.23	-0.8							
SVW	89.63	27	eP	36	00.10	2.1	APR	144.34	327	PKP	42	35.70	-1.2							
EHOR	89.81	309	iP	36	00.00	0.7	LRS	144.54	327	PKP	42	36.30	-1.0							
EPLA	89.87	311	eP	36	01.00	1.4	CLLP	144.57	326	PKP	42	35.50	-1.7							
EMON	89.87	314	eP	36	00.50	1.0	PORP	144.62	326	PKP	42	36.00	-1.4							
EPRU	90.01	308	iP	36	00.80	0.5	MGP	144.90	327	PKP	42	37.60	-0.2							
ERUA	90.03	313	eP	36	01.50	1.3	PPD	144.94	248	(PKP)	42	39.00	1.2							
MBC	90.12	7	ePc	36	00.20	0.2	MRX	145.61	25	(PKP)	42	40.00	1.0							
	0.5s	13.00nm				5.2mb	TRN	146.71	311	ePKP	42	43.00	2.1							
EJIF	90.33	307	iPd	36	02.50	0.8	ITB	146.84	242	e(PKP)	42	45.00	4.1X							
STS	90.89	314	iP	36	05.50	1.4	TPP	146.97	310	ePKP	42	45.63	4.3X							
EVAL	91.02	309	iPd	36	06.00	1.1	ITB1	147.04	242	e(PKP)	42	45.50	4.3X							
PWA	91.87	25	eP	36	09.50	1.2	IT	147.35	21	(PKP)	42	45.00	2.8							
PMR	92.21	25	eP	36	10.90	1.1	III	147.51	24	(PKP)	42	46.00	3.6X							
	0.9s	26.20nm				5.4mb	IISM	147.70	20	(PKP)	42	44.00								

LBFM 5.55 344 ePn 15 59.17 1.1
 MSU 6.66 66 ePn 16 13.78 0.1
 DUG 6.99 51 ePn 16 18.55 0.4
 HVU 8.01 42 (P) 16 33.31 0.8
 SRU 8.08 65 ePn 16 32.90 -0.6
 EMUT 8.14 59 (Pn) 16 34.89 0.5
 PV10 9.00 72 ePn 16 47.79 1.5
 LRM 11.31 28 eP 17 27.10 9.1
 RSSD 14.60 51 eP 18 01.50 -0.2
 1.3s 7.18nm 4.1mb
 SES 15.76 21 eP 18 18.00 1.4
 HFS 76.90 22 eP 26 25.30 -1.4
 0.7s 1.70nm 4.2mb
 41 obs. associated

& SEP 16, 1992 06h 37m 41.89s
 36.001 N 119.918 W
 DEPTH = 9.1km
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 3.1 (GM). ML 3.1
 (PAS). 3.0 (GS).

PKEM 0.17 291 iPd 37 46.72 1.1
 PHAM 0.42 247 iPd 37 51.31 0.8
 eS 37 58.25
 BCH 0.83 189 ePc 37 57.65 -0.4
 eS 38 08.62
 ISA 1.22 106 iPc 38 03.61 -1.1
 eS 38 16.19
 ABL 1.28 153 ePn 38 03.57 -2.3
 (S) 38 17.46
 ARN 1.87 317 eP 38 12.99 -1.4
 CMB 2.06 350 ePn 38 16.73 -0.4
 BONR 2.34 33 ePn 38 21.97 0.6
 SSK 2.55 134 eP 38 23.20 -1.1
 TNP 3.00 45 ePn 38 31.37 0.8
 PEC 3.09 132 (P) 38 29.87 -1.9
 TPNV 3.10 71 eP 38 32.55 0.5
 ORV 3.76 341 ePn 38 41.84 0.5
 13 obs. associated

? SEP 16, 1992 06h 54m 09.17±8.99s
 15.371 N ±78.7km 99.071 W ±23.9km
 DEPTH = 33.0km (normol)
 OFF COAST OF GUERRERO, MEXICO (65)

ACX 1.67 333 eP 54 36.00 -0.5
 iS 54 56.00
 OXX 2.83 53 eP 54 53.50 0.3
 iS 55 25.00
 III 3.01 353 (P) 54 57.00 1.1
 iS 55 29.50
 IIT 3.70 11 (P) 55 10.00 4.3X
 iS 55 45.00
 IISM 3.94 24 iP 55 08.00 -0.9
 iS 55 53.50
 MRX 4.76 335 (P) 55 26.00 5.6X
 S.D. = 1.6 on 4 of 6 obs.

* SEP 16, 1992 07h 04m 15.46±1.08s
 22.400 S ±9.3km 68.917 W ±12.6km
 DEPTH = 165.1 ±13.3 km
 4.2mb (1 obs.)
 NORTHERN CHILE (123)

YJA 3.17 87 iPc 05 05.20 -1.4
 CNCB 5.63 9 P 05 39.00 0.2
 CCH 5.63 28 P 05 37.60 -1.0
 LPB 5.89 8 P 05 44.30 2.2
 ZOBO 6.13 7 P 05 45.70 0.3
 ARE 6.39 337 eP 05 48.00 -0.6
 eS 06 52.00
 RTLL 8.90 178 ePd 06 22.30 0.5
 ITB1 13.51 102 e(P) 07 30.50 8.8X
 VAO 20.26 96 eP 08 41.00 1.1
 BAO 20.88 75 Pc 08 46.00 -0.2
 BDF 20.95 75 Pc 08 47.00 0.1
 e 08 52.00
 ALO 67.24 327 e(P) 14 53.00 -1.3
 1.0s 4.50nm 4.2mb
 pP 15 02.50 30kmX
 KIC 68.96 73 P 15 08.80 3.7X
 S.D. = 1.3 on 11 of 13 obs.

% SEP 16, 1992 07h 38m 44.00±3.99s
 43.412 N ±28.3km 19.355 E ±7.0km
 DEPTH = 5.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

PLE 0.09 161 iPg 38 45.66 -0.4
 iSg 38 47.66
 NKY 0.65 204 iPg 38 56.73 -0.4
 iSg 39 06.22
 IVA 0.67 143 iPg 38 56.96 -0.5
 iSg 39 07.21
 BRY 0.78 230 iPg 38 59.07 -0.7
 iSg 39 10.82
 PVY 0.93 151 iPg 39 02.00 -0.4
 iSg 39 15.75
 TTG 0.98 184 iPg 39 03.10 0.0
 iSg 39 17.60
 HCY 1.15 213 iPg 39 05.87 -0.1
 iSg 39 22.98
 BDV 1.19 199 iPg 39 06.71 0.0
 iSg 39 24.42
 ULC 1.45 183 iPg 39 11.58 0.6
 iSg 39 33.03
 S.D. = 0.4 on 9 of 9 obs.

SEP 16, 1992 07h 46m 22.21±0.90s
 49.087 N ±8.5km 6.821 E ±12.3km
 DEPTH = 5.0km (geophysicist)
 GERMANY (543)
 ML 2.3 (STR). MD 2.2 (UCC).

WLF 0.72 323 iPd 46 35.71 -1.0
 iS 46 45.18
 CDF 0.74 156 Pg 46 36.79 -0.2
 Sg 46 47.40
 WLS 0.76 152 Pg 46 36.89 -0.6
 Sg 46 48.15
 ECH 0.90 165 Pg 46 40.18 0.2
 Sg 46 52.97
 VITF 1.03 213 Pg 46 41.93 -0.2
 Sg 46 57.05
 MOF 1.25 170 Pg 46 46.10 0.1
 Sg 47 04.35
 FEL 1.45 146 Pg 46 50.02 0.8
 Sg 47 09.60
 DOU 1.77 306 P 46 54.80 1.2
 iS 47 15.00
 S.D. = 0.8 on 8 of 8 obs.

% SEP 16, 1992 07h 46m 24.47±1.10s
 17.403 N ±14.1km 95.069 W ±11.1km
 DEPTH = 33.0km (normol)
 OAXACA, MEXICO (60)

PBJ 1.01 199 iP 46 42.50 0.1
 iS 46 58.50
 OXX 1.61 259 iP 46 51.50 0.3
 iS 47 13.00
 SCX 2.42 106 iP 47 02.50 -0.1
 iS 47 30.00
 IISM 2.70 306 iP 47 06.00 -0.5
 iS 47 39.50
 IIT 3.47 298 iP 47 18.00 0.2
 iS 47 59.00
 III 4.30 284 iP 47 27.00 -2.5
 (S) 48 18.50
 UNM 4.35 297 eP 47 30.50 0.2
 ACX 4.61 264 (P) 47 36.50 2.8X
 MRX 6.24 292 (P) 47 59.00 2.3
 S.D. = 1.5 on 8 of 9 obs.

? SEP 16, 1992 07h 52m 52.88±0.98s
 39.103 N ±9.1km 27.646 E ±9.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.76 203 iPg 53 07.70 -0.1
 iSg 53 19.70
 DST 0.91 56 ePn 53 10.90 0.5
 EZN 1.25 306 ePn 53 16.40 0.3
 KCT 1.27 25 iPn 53 15.80 -0.7
 S.D. = 0.9 on 4 of 4 obs.

? SEP 16, 1992 08h 30m 54.15±5.26s
 32.419 S ±34.4km 71.652 W ±23.0km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

ROCH 0.77 136 iPd 31 09.47 0.1
 iS 31 18.35
 JACH 0.93 107 iPd 31 12.22 0.2
 iS 31 23.45
 LCCH 1.06 176 iP 31 13.89 -0.1
 iS 31 26.17
 PEL 1.09 132 iP+ 31 14.56 -0.1
 iS 31 27.41
 TACH 1.37 154 iPd 31 18.99 -0.3
 FCH 1.46 129 iPd 31 20.16 -0.7
 iS 31 37.73
 PCH 1.53 142 eP 31 22.10 0.4
 LNV 1.55 173 eP 31 21.87 0.2
 iS 31 40.33
 CHCH 1.73 151 eP 31 24.76 0.3
 S.D. = 0.4 on 9 of 9 obs.

? SEP 16, 1992 09h 11m 24.65±1.01s
 39.185 N ±10.2km 27.862 E ±15.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

DST 0.73 54 ePn 11 38.80 -0.2
 IZM 0.91 211 iPn 11 42.20 0.0
 eSg 11 56.00
 KCT 1.13 20 iPn 11 46.30 0.5
 EDC 1.16 0 ePn 11 46.00 -0.3
 S.D. = 0.6 on 4 of 4 obs.

? SEP 16, 1992 09h 29m 01.76±1.26s
 1.727 N ±9.0km 125.797 E ±21.7km
 DEPTH = 114.8 ±17.9 km
 4.9mb (2 obs.)
 NORTHERN MOLUCCA SEA (266)

AAI 5.89 156 ePc 30 28.00 0.0
 eS 30 32.70
 BIP 6.47 4 eP 30 36.00 0.0
 eS 31 35.50
 WB2 23.11 159 iPc 33 58.40 -0.1
 0.3s 25.30nm 5.1mb
 eS 37 59.00
 MBL 23.48 194 eP 34 02.50 0.4
 OIS 25.95 149 eP 34 23.00 -2.3X
 ASPA 26.44 163 iPd 34 29.60 -0.2
 0.5s 10.70nm 4.7mb
 i 37 53.10
 eS 38 53.50
 MRWA 32.17 196 eP 35 20.50 -0.2
 BAL 33.30 194 eP 35 30.50 0.0
 KLB 34.00 192 eP 35 36.00 -0.5
 MUN 34.73 194 eP 35 43.00 0.2
 STK 36.63 157 eP 35 59.10 0.4
 S.D. = 0.4 on 10 of 11 obs.

% SEP 16, 1992 09h 34m 05.92±0.86s
 41.112 N ±9.4km 28.713 E ±6.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

ISK 0.27 100 iPg 34 11.80 0.3
 iSg 34 15.30
 HRT 0.78 112 ePg 34 20.80 -0.3
 KCT 0.90 198 iPn 34 23.30 0.1
 DMK 1.01 315 iPn 34 25.00 0.0
 EYL 1.22 116 ePn 34 28.80 0.0
 S.D. = 0.3 on 5 of 5 obs.

? SEP 16, 1992 09h 47m 48.88±2.20s
 36.809 S ±47.0km 102.148 W ±16.0km
 DEPTH = 10.0km (geophysicist)
 4.7mb (8 obs.)
 SOUTHERN PACIFIC OCEAN (692)

ARE 33.85 61 e(P) 54 33.00 -1.1
 CNCB 36.15 66 P 54 55.00 1.0
 LPB 36.24 65 P 54 55.70 1.1
 ZOBO 36.38 65 P 54 55.20 -0.8
 1.1s 29.00nm 5.0mb
 LR 04 52.00
 TUC 69.23 352 eP 58 56.30 -1.6
 1.4s 9.71nm 4.8mb
 ALO 71.50 356 eP 59 12.10 0.3
 1.0s 7.00nm 4.7mb
 ISA 73.68 346 eP 59 24.73 0.2
 0.8s 3.14nm 4.4mb
 ARUT 74.96 351 (P) 59 32.01 0.1

16d 09h

PV10	75.08	354	eP	59	39.22	23kmX
TNP	75.81	348	eP	59	32.20	-0.6
	1.0s	6.75nm		59	38.29	1.4
SRU	75.94	353	eP	59	35.82	-1.7
DUG	77.25	352	eP	59	44.59	-0.2
DAU	77.30	353	eP	59	45.10	-0.2
ORV	78.05	345	(P)	59	50.00	1.0
BW06	79.50	354	ePc	59	56.29	-0.9
	1.3s	12.30nm				4.7mb
HHA1	80.27	352	eP	00	01.74	0.6
RSSD	80.57	359	eP	00	02.84	0.0
	0.5s	1.93nm				4.4mb
NEW	85.74	350	eP	00	30.00	1.0
	1.0s	8.50nm				4.9mb
		ePc	00	37.00	22kmX	
SES	87.18	354	eP	00	37.00	1.0
OBN	146.61	44	ePKP	07	29.00	-0.9
		i	07	41.00		
		e	07	46.00		

S.D. = 1.0 on 20 of 20 obs.

? SEP 16, 1992 09h 51m 19.05±0.99s
21.185 N ±13.3km 117.674 E ±10.2km
DEPTH = 10.0km (geophysicist)
4.2mb (2 obs.)

TAIWAN REGION (243)
ML 4.1 (BJI).

HKC	3.44	290	iP	52	14.70	0.9
OZH	3.83	13	ePn	52	19.70	0.3
		Sn	53	09.00		
MCO	3.94	284	eP	52	21.70	0.8
GZH	4.44	296	Pn	52	26.20	-1.7
CVP	5.23	131	eP	52	39.00	-0.1
QIZ	7.66	255	eP	53	19.20	5.7X
	N 10s	0.41um				
	E 10s	0.36um				

WHN	9.79	343	eP	53	46.50	3.7X
NJ2	10.87	5	Pc	54	03.00	5.3X
GYA	11.36	300	eP	54	11.20	6.6X
	N 10s	0.43um				
	E 10s	0.34um				
CD2	15.80	311	eP	55	08.50	5.2X
LZH	19.14	324	eP	55	45.00	-0.2
	1.5s	16.00nm				4.0mb
	Z 13s	0.30um				5.2Msz
		sP	56	01.00		
GTA	23.75	324	eP	56	37.00	4.6X
	2.0s	19.00nm				4.3mb

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

* SEP 16, 1992 11h 34m 53.61±0.73s
20.548 S ±10.1km 66.823 W ±10.5km
DEPTH = 244.6 ± 14.1 km
4.4mb (1 obs.)

SOUTHERN BOLIVIA (125)

CCH	3.21	12	Pc	35	47.00	-1.9
		i	36	30.00		
CNCB	3.88	343	iPc	35	57.00	1.0
		S	36	47.00		
LPB	4.17	343	iPc	36	01.20	1.0
		eS	36	54.00		
ZOBO	4.41	343	iPc	36	03.00	0.5
		S	36	59.00		
ANT	4.58	226	eP	36	04.50	-0.1
		iS	36	57.00		
ARE	6.01	312	eP	36	22.00	-0.7
		eS	37	30.00		
ITB1	12.19	112	e(P)	37	41.00	0.3
ITB7	12.52	114	e(P)	37	45.00	0.1
RSTA	16.93	107	eP	38	43.70	6.1X
ALO	66.80	325	ePd	45	21.00	-0.2
	0.8s	6.16nm				4.4mb

S.D. = 1.1 on 9 of 10 obs.

* SEP 16, 1992 12h 03m 18.50±0.67s
44.118 N ±13.3km 17.594 E ±15.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.6 (TTG), 2.2 (LJU).

BRY	1.40	150	iPgc	03	42.19	-2.0
		iSg	04	02.52		
PLE	1.52	121	iPgc	03	45.02	-0.9

NKY	1.66	141	iSg	04	07.19	
		iPgc	03	47.22	-0.6	
HCY	1.80	158	iPnc	03	50.13	0.4
		iSn	04	15.14		
BDV	2.04	153	iPnc	03	53.83	0.5
		iSn	04	21.62		
TTG	2.08	144	iPnd	03	54.64	0.8
		iSn	04	22.77		
IVA	2.09	126	iPnd	03	54.97	0.9
		iSn	04	22.78		
PTJ	2.13	327	ePn	03	54.50	-0.1
		eSn	04	20.20		
VBY	2.17	311	ePn	03	55.20	0.1
		iSn	04	23.20		
		iSg	04	28.00		
PVY	2.31	130	iPnc	03	57.82	0.5
		iSn	04	28.12		
ULC	2.47	150	iPnd	03	59.82	0.3
		iSn	04	32.02		

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

% SEP 16, 1992 12h 25m 07.81±0.80s
40.620 N ±16.7km 34.823 E ±6.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

KVT	1.04	63	iPn	25	27.30	-0.1
TRHT	1.07	104	eP	25	27.00	-1.0
		eS	25	42.90		
BBTK	1.76	244	eP	25	38.50	-0.1
		eS	26	02.00		
SVST	1.83	117	eP	25	41.00	1.3
SGKT	2.11	270	eP	25	42.80	-1.0
DVR	2.20	285	eP	25	46.00	1.0

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

* SEP 16, 1992 12h 27m 22.02s
34.054 N 116.387 W
DEPTH = 1.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS), 3.3 (GS).
Slight damage (VI) at Coochello.
Felt (IV) at La Quinta, (III) at
Morongo Valley and (II) at Yucca
Valley.

PEC	0.66	256	iPc	27	34.57	-0.7
		eS	27	41.89		
PLM	0.80	210	iPd	27	37.33	-0.7
SSK	1.09	279	iPc	27	42.44	-1.1
		eS	27	57.43		
GLA	1.64	127	eP	27	49.51	-2.7
ABL	2.47	290	iPc	28	01.69	-2.7
TPNV	2.89	2	ePnd	28	09.10	-1.2
BCH	3.25	291	eP	28	12.99	-2.3
PKEM	3.65	304	(P)	28	19.43	-1.4
PHAM	3.74	299	(P)	28	19.91	-2.3
TNP	4.08	351	ePn	28	25.09	-2.0
BONR	4.19	339	ePn	28	27.29	-1.5
ARUT	4.43	32	ePn	28	30.21	-1.9
TUC	5.01	109	eP	28	35.95	-4.3
	0.5s	1.33nm				3.8mb X
CM8	5.13	322	eP	28	40.04	-1.8
KVN	5.17	345	(P)	28	43.88	1.2
ARN	5.32	310	eP	28	40.96	-3.7
MSU	5.60	36	(Pn)	28	47.31	-1.5

17 obs. associated

? SEP 16, 1992 13h 05m 54.91±0.99s
23.819 S ±22.9km 179.875 E ±16.3km
DEPTH = 550.0km (geophysicist)
4.9mb (11 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM	12.50	275	iPc	08	40.10	1.0
ARMA	25.95	249	iPc	10	46.20	0.5
	0.3s	7.00nm				4.8mb
RMO	28.26	258	iPd	11	06.80	1.0
	0.4s	16.00nm				5.0mb
CTA	31.36	270	iPd	11	33.00	0.6
	0.4s	29.66nm				5.3mb
OLP	32.30	258	iPc	11	40.70	0.4
	0.2s	29.00nm				5.6mb
TOO	32.40	237	iPc	11	42.00	1.0
	0.4s	19.00nm				5.1mb
STK	34.65	248	eP	12	00.80	0.9

QIS	37.34	267	eP	12	22.10	-0.1
	0.2s	2.00nm				4.4mb
ASPA	41.94	261	iPd	12	59.20	-0.1
	0.5s	25.20nm				5.0mb
WB2	42.29	266	iPd	13	01.60	-0.4
	0.5s	42.90nm				5.2mb
FORT	46.23	250	eP	13	31.70	-0.8
MTN	47.34	274	eP	13	40.00	-1.1
WARB	48.02	256	eP	13	45.30	-1.0
	0.3s	4.00nm				4.4mb
KNA	48.55	270	eP	13	50.00	-0.3
MBL	55.18	260	eP	14	37.10	-1.0
	0.3s	6.00nm				4.4mb
BAL	55.95	248	eP	14	42.50	-0.8
MUN	56.16	246	eP	14	44.70	0.0
MRWA	56.81	250	eP	14	48.50	-0.7
NANU	58.69	257	eP	15	02.30	0.3
	0.4s	22.00nm				4.8mb
NB2	141.98	351	PKP	24	25.80	0.5
	0.5s	0.90nm				
HFS	142.44	349	ePKP	24	26.50	0.5
	0.4s	7.90nm				

S.D. = 0.8 on 21 of 21 obs.

* SEP 16, 1992 13h 10m 20.96s
59.125 N 153.710 W
DEPTH = 103.1km
SOUTHERN ALASKA (2)
<AEIC>.

CDD	0.20	170	iPc	10	34.94	0.7
		eS	10	46.17		
AUI	0.26	34	iPd	10	35.17	0.8
		iS	10	46.13		
AUW	0.27	26	ePd	10	35.43	1.0
AUE	0.29	36	ePd	10	35.53	-0.5
AUL	0.29	29	ePd	10	35.62	-0.5
MCNL	0.33	281	iPd	10	35.52	-0.7
		eS	10	46.49		
OPT	0.58	25	iPd	10	37.14	-0.8
		eS	10	49.83		
PDB	0.71	340	iPd	10	37.91	-1.1
		eS	10	51.43		
SYI	0.86	126	iPc	10	39.34	-1.0
		eS	10	53.35		
HOM	1.19	62	eP	10	42.46	-1.5
		eS	11	00.04		
CNPM	1.33	71	ePc	10	44.07	-1.6
		eS	11	02.53		
RS1	1.42	19	iPd	10	45.71	-1.3
		eS	11	04.90		
RS2	1.43	19	iPd	10	45.76	-1.3
RS						

* SEP 16, 1992 14h 05m 44.06±0.59s 54.535 N ±11.2km 166.553 E ± 7.2km DEPTH = 30.3km (6 depth phases) 4.6mb (31 obs.)			WB2 1.1s 12.20nm 4.8mb 79.14 211 eP 17 47.10 0.0 0.7s 1.50nm 4.1mb i 17 55.10 25km			Sg 04 35.50 S.D. = 1.4 on 17 of 20 obs.		
KOMANDORSKY ISLANDS REGION (4)			CAF 80.04 349 eP 17 52.40 0.6 0.9s 7.35nm 4.7mb LPO 80.37 349 eP 17 54.00 0.5 0.8s 5.25nm 4.6mb ASPA 82.79 210 eP 18 07.70 1.4 1.4s 4.70nm 4.4mb i 18 14.90 23km S.D. = 1.1 on 41 of 45 obs.			? SEP 16, 1992 16h 31m 49.81±12.19s 18.579 N ±60.2km 67.389 W ±81.1km DEPTH = 33.0km (normal) MONA PASSAGE (89)		
PET 4.93 255 ePn 06 57.00 -0.9			* SEP 16, 1992 14h 31m 03.87s 34.274 N 116.475 W DEPTH = 7.0km SOUTHERN CALIFORNIA (43) <PAS>P>. ML 3.2 (PAS), 2.8 (GS). Felt.			LRS 0.59 119 P 32 00.80 -0.9 S 32 11.80 MGP 0.64 153 P 32 02.30 0.0 S 32 14.30 APR 0.64 101 P 32 02.50 0.1 PORP 0.89 126 P 32 06.30 0.4 CLLP 0.92 123 P 32 06.60 0.3 S 32 21.20 SJG 1.27 111 P 32 11.50 0.2 LPR 1.47 100 P 32 14.20 -0.1 S.D. = 0.5 on 7 of 7 obs.		
SKR 7.45 243 ePn 07 27.50 -5.9X			PEC 0.68 236 iPd 31 16.38 -1.2 S 31 25.67 PLM 0.97 199 ePd 31 21.69 -1.1 SSK 1.01 267 ePn 31 22.34 -1.1 S 31 36.40 GLA 1.84 131 ePn 31 32.90 -3.2 ISA 2.15 311 ePn 31 40.37 -0.3 ABL 2.34 285 ePn 31 42.55 -1.0 BCH 3.11 288 ePn 31 53.76 -0.6 BONR 3.96 339 (Pn) 32 05.36 -1.3 ARUT 4.28 34 ePn 32 09.56 -1.5 MSU 5.47 38 (P) 32 24.65 -3.4 10 obs. associated			* SEP 16, 1992 17h 16m 03.13±1.63s 31.432 S ±10.8km 68.724 W ±19.4km DEPTH = 110.0km (geophysicist) SAN JUAN PROVINCE, ARGENTINA (137) MD 4.0 (SAN).		
MGD 10.17 310 ePn 08 27.00 16.1X			* SEP 16, 1992 14h 37m 06.46s 34.310 N 116.446 W DEPTH = 1.5km SOUTHERN CALIFORNIA (43) <PAS>P>. ML 2.8 (PAS).			ZON 0.12 161 iPd 16 18.60 -0.3 eS 16 31.60 MDZ 1.45 184 eP 16 20.80 -9.0X iS 16 48.70 JACH 2.02 231 iP 16 37.90 1.0 TLL 2.19 305 eP 16 39.50 0.2 iS 17 08.50 FCH 2.31 215 iP+ 16 42.10 1.1 PEL 2.38 224 iP 16 42.04 0.4 iS 17 12.29 ROCH 2.47 231 iP 16 42.99 0.0 iS 17 13.31 PCH 2.65 214 iPd 16 46.06 0.7 TACH 2.90 220 iPd 16 48.19 -0.3 CHCH 2.98 213 iP+ 16 49.74 0.1 LCCH 3.15 229 iP 16 50.94 -1.0 LNV 3.39 221 iPd 16 53.13 -1.9 S.D. = 1.0 on 11 of 12 obs.		
ILT 15.10 22 iPd 09 18.40 1.8			SEP 16, 1992 16h 03m 10.78±0.52s 45.765 N ± 4.1km 7.270 E ± 6.9km DEPTH = 5.0km (geophysicist) NORTHERN ITALY (545) ML 2.5 (GEN), 2.4 (LDG).			SEP 16, 1992 17h 43m 22.74±0.25s 46.810 N ± 5.4km 150.480 E ± 3.8km DEPTH = 200.9km (6 depth phases) 4.7mb (74 obs.) KURIL ISLANDS (221)		
YAK 20.52 306 eP 10 20.00 -2.0			LSD 0.32 195 P 03 17.57 0.3 S 03 22.51 DIX 0.33 17 ePd 03 15.20 -2.3 EMS 0.39 322 ePd 03 16.80 -1.8 LPG 0.45 234 Pg 03 19.70 -0.2 Sg 03 24.40 LPL 0.45 237 Pg 03 19.60 -0.3 Sg 03 24.20 MMK 0.56 59 ePd 03 19.80 -2.3 RSP 0.61 181 P 03 23.13 0.1 S 03 31.96 RRL 0.91 202 P 03 28.31 -0.5 S 03 39.55 BHB 0.92 180 P 03 28.99 0.1 S 03 41.60 PZZ 1.27 185 P 03 35.23 0.4 S 03 51.14 PCP 1.52 143 P 03 38.83 0.1 LLS 1.63 47 ePd 03 41.70 1.3 SBF 1.91 176 Pg 03 51.10 6.8X Sg 04 15.60 IMI 1.91 166 P 03 43.65 -0.7 BSF 2.09 351 Pn 03 48.30 1.2 Pg 03 52.80 Sn 04 14.60 Sg 04 20.60 SLE 2.17 22 ePc 03 50.20 2.1 FEL 2.17 13 ePn 03 50.09 1.9 FRF 2.25 192 Pg 03 53.90 4.7X Sg 04 24.20 HAU 2.33 345 Pn 03 50.80 0.4 CDF 2.65 0 Pn 03 59.00 4.0X Sn 04 27.90			KUR 2.41 230 iPnc 44 03.50 -2.5 iS 44 36.00 SHO 3.92 223 iPnc 44 18.20 -5.9X YSS 5.32 275 iPnd- 44 41.80 -0.1 Z 11s 0.40um eS 45 43.80 SKR 5.36 42 iPnc 44 39.50 -2.8 iS 45 39.80 PET 8.14 37 ePn 45 15.00 -3.8X eS 46 45.00 MGD 13.32 1 ePnc 46 23.00 -2.0 VLA 13.66 261 eP 46 28.50 -0.9 0.5s 52.00nm 5.2mb MAT 13.74 226 eP 46 26.00 -4.4X 0.7s 30.82nm 4.8mb eS 48 53.00 MDJ 14.75 269 eP 46 35.60 -7.3X 1.0s 55.00nm 4.9mb pP 46 42.00 SEY 16.16 3 eP 47 00.00 0.0 1.8s 100.00nm 4.9mb CN2 17.84 269 eP 47 15.20 -3.9X 0.8s 15.00nm 4.5mb Z 16s 0.78um 5.2msz N 10s 0.40um E 10s 0.16um		
MAF 78.70 349 eP 17 44.80 0.3			YAK 19.30 330 iPd 47 32.80 -1.2 1.1s 50.00nm 5.0mb eS 51 01.00 SNY 19.84 265 P 47 38.40 -1.2 1.0s 58.00nm 5.1mb DL2 22.48 260 eP 48 07.10 1.4 CIT 24.37 296 eP 48 23.50 -0.1 e 49 06.20 223kmX BOD 24.47 310 eP 48 24.90 0.5 0.8s 10.00nm 4.5mb					
LPG 78.87 346 eP 17 46.90 1.1								

FIN	83.44	334	P	55	28.06	-0.4
ROB	83.46	334	P	55	28.78	0.2
MFF	83.47	340	iPc	55	29.60	1.1
	0.7s	26.35nm				5.1mb
PZZ	83.50	335	P	55	28.26	-0.6
ENR	83.66	334	P	55	29.19	-0.4
IMI	83.80	334	P	55	30.83	0.5
SBF	83.98	334	eP	55	31.40	0.2
	0.8s	19.75nm				4.9mb
RJF	84.29	339	iPc	55	33.80	1.1
	0.8s	12.35nm				4.7mb
FRF	84.49	334	iPc	55	34.60	0.9
	0.9s	5.40nm				4.3mb
CAF	84.50	338	iPc	55	35.40	1.6
	1.0s	30.80nm				5.0mb
LRG	84.67	335	iPc	55	35.30	0.7
	0.5s	4.90nm				4.5mb
PGF	84.69	332	eP	55	35.00	0.2
	0.6s	2.55nm				4.1mb
LMR	84.74	334	iPc	55	36.10	1.2
	0.7s	7.95nm				4.6mb
LFF	84.82	339	iPc	55	36.70	1.4
	0.6s	24.60nm				5.1mb
LPO	84.95	339	iPc	55	37.40	1.4
	0.8s	16.50nm				4.8mb
EPF	86.71	339	eP	55	45.60	0.9
	0.6s	4.80nm				4.5mb
PDCR	144.89	16	ePKP	02	46.80	9.5X
BAO	145.32	32	PKPc	02	38.10	-0.1
BDF	145.38	32	PKPd	02	39.80	1.5
S.D. = 1.0 on 132 of 139 obs.						

* SEP 16, 1992 18h 25m 50.53± 1.03s						
34.211 N ±15.5km 79.326 E ±14.0km						
DEPTH = 33.0km (normol)						
4.4mb (4 obs.)						
KASHMIR-XIZANG BORDER REGION (304)						
GKN	7.68	142	P	27	43.90	0.8
KKN	8.19	140	P	27	48.30	-1.9
DMN	8.24	141	P	27	52.22	1.2
GUN	8.43	136	P	27	52.84	-0.8
PKI	8.43	140	P	27	53.42	-0.3
POO	16.36	199	eP	29	41.00	1.6
HYB	16.74	183	eP	29	37.00	-7.2X
GBA	20.59	185	P	30	28.10	-1.2
CHG	23.24	126	eP	30	58.00	2.1
NB2	50.26	324	P	34	46.10	0.7
	0.7s	2.10nm				4.3mb
BCAO	63.50	257	ePd	36	19.00	-1.0
	0.9s	9.00nm				4.9mb
WB2	75.10	127	iPc	37	31.00	-0.2
	0.4s	2.80nm				4.6mb
ASPA	77.46	130	eP	37	43.30	-1.1
	1.8s	4.20nm				4.2mb
S.D. = 1.4 on 12 of 13 obs.						

* SEP 16, 1992 18h 34m 46.63± 0.94s						
6.337 S ±10.4km 26.622 E ±16.2km						
DEPTH = 10.0km (geophysicist)						
4.6mb (2 obs.)						
ZAIRE (567)						
LWI	4.61	28	iPc	35	58.80	0.5
			iS	36	46.20	
KRI	10.83	165	iPn	37	25.30	0.3
			iSn	39	22.00	
			iSg	40	22.60	
BCAO	13.40	323	iPd	37	57.00	-2.5
	0.9s	18.00nm				5.1mb X
			iS	40	19.20	
			Lg	41	53.50	
BUL	13.86	172	iPn	38	04.50	-1.2
			iSn	40	33.00	
			iSg	42	06.00	
WIN	18.57	209	eP	39	12.70	6.8X
	1.0s	20.00nm				4.3mb
			S	42	33.00	
SLR	19.35	175	eP	39	05.50	-10.0X
			S	42	42.40	
BLF	22.65	181	eP	39	44.00	-5.5X
KIC	33.75	291	P	41	31.60	0.8
LIC	33.96	291	P	41	33.60	0.9
TIC	34.11	292	P	41	35.00	1.1

16d 21h

PGF 88.71 46 eP 34 18.10 -0.8
0.9s 4.90nm 4.8mb
GEC2 89.71 39 eP 34 23.60 0.1
0.7s 0.50nm 3.9mb
WB2 135.10 256 iPKPc 40 46.50 0.8
0.7s 1.70nm
CHG 145.43 341 ePKP 41 03.10 -1.2
BDT 146.88 340 ePKP 41 08.20 1.6
0.7s 43.00nm
HYB 147.39 16 ePKP 41 10.30 2.8
NST 147.93 337 ePKP 41 13.00 4.6X
KHT 149.31 339 ePKP 41 15.30 4.7X
GBA 150.64 21 PKP 41 13.00 0.4
NNT 150.89 335 ePKP 41 22.50 9.5X
S.D. = 1.0 on 64 of 72 obs.

SEP 16, 1992 22h 44m 31.55±0.21s
44.853 N ± 4.3km 143.657 E ± 4.0km
DEPTH = 274.4km (5 depth phases)
4.6mb (39 obs.)

HOKKAIDO, JAPAN REGION (224)

ASAJ 1.03 225 iP+ 45 09.20 -0.4
eS 45 38.80
KUSJ 1.91 156 eP 45 14.10 -1.5
eS 45 47.90
YSS 2.26 343 iPnc 45 15.10 -3.6X
iS 45 49.70
SHO 2.46 113 iPnd 45 17.60 -2.9
eS 45 54.00
HOOJ 2.48 186 eP 45 19.50 -1.2
eS 45 56.10
KUR 3.01 81 iPnd 45 25.00 -1.0
MRRJ 3.07 219 iP+ 45 26.20 -0.4
eS 46 07.70
ADMJ 4.92 211 P 45 47.00 -0.7
S 46 44.50
OFUJ 5.96 195 P 45 58.90 -1.3
S 47 06.10
YAMJ 7.20 203 P 46 15.00 -0.7
S 47 34.60
NIIJ 8.38 206 P 46 29.50 -0.8
VLA 8.66 263 iPn 46 32.50 -1.3
iS 48 08.00
KAKJ 9.04 198 P 46 36.50 -2.1
S 48 15.10
MAT 9.27 208 eP 46 41.00 -0.6
0.6s 36.67nm 4.6mb
eS 48 27.00
MTMJ 9.37 210 P 46 44.80 1.8
CHJJ 9.48 204 P 46 43.40 -0.9
MDJ 10.01 274 Pd 46 49.60 -1.3
1.0s 120.00nm 5.0mb
pP 46 53.60
SKR 10.19 51 ePn 46 52.00 -1.1
eS 48 42.00
eS 48 40.80
TSRJ 10.99 215 P 47 02.60 -0.5
CN2 13.08 272 eP 47 26.80 -2.0
1.0s 6.10nm 3.8mb
Z 10s 0.64um 5.4msz
eS 49 47.00
SHNJ 14.43 226 eP 47 46.90 1.8
KUMJ 15.84 223 eP 48 04.20 2.5X
MGD 15.86 13 eP 48 00.00 -1.9
1.3s 210.00nm 5.4mb
KAGJ 16.92 221 eP 48 14.80 1.4
DL2 17.42 258 eP 48 18.40 -0.2
1.0s 83.00nm 5.1mb
SEY 18.77 12 iPc 48 30.20 -2.0
1.2s 110.00nm 5.2mb
BJI 20.79 266 eP 48 52.00 -0.4
1.5s 140.00nm 5.2mb
eS 52 30.00
CIT 21.08 301 eP 48 51.00 -4.2X
TIA 21.86 256 Pc 49 03.90 1.1
BOD 22.32 316 iP 49 05.60 -1.4
1.3s 41.00nm 4.7mb
SSE 22.32 240 Pd 49 09.50 2.3
1.0s 11.00nm 4.3mb
NJ2 23.15 245 Pc 49 16.40 1.3
0.8s 2.90nm 3.8mb
HHC 23.78 272 eP 49 21.00 -0.1
0.8s 130.00nm 5.5mb
eS 53 22.00
TIY 24.42 264 eP 49 28.00 1.1
Z 18s 0.37um 3.9msz

BTO 24.97 272 P 49 33.00 1.0
1.0s 27.00nm 4.7mb
WHN 27.06 248 P 49 46.50 -4.3X
ZAK 27.52 296 eP 49 54.00 -0.7
0.9s 21.00nm 4.7mb
e 50 48.00
XAN 28.71 260 Pc 50 05.50 -0.1
0.8s 5.50nm 4.2mb
LZH 31.27 268 eP 50 28.50 0.5
1.2s 64.00nm 5.1mb
pP 51 13.50 221kmX
GTA 32.66 276 P 50 40.40 0.4
1.2s 42.00nm 4.9mb
ScP 56 39.00
ScS 50 38.50
CD2 34.08 260 P 50 52.00 0.0
0.8s 51.00nm 5.2mb
GYA 34.84 251 iPd 50 58.60 0.0
1.0s 21.00nm 4.6mb
pP 51 52.00 266km
S 56 07.00
ScP 56 47.60
KMI 38.37 253 Pd 51 29.00 0.8
1.0s 40.00nm 4.8mb
SVW 38.43 43 eP 51 28.69 0.6
0.7s 9.36nm 4.4mb
BRW 38.61 26 eP 51 28.38 -1.0
IMA 39.20 35 ePc 51 32.83 -1.6
0.4s 9.79nm 4.6mb
WMO 39.36 289 P 51 36.20 0.2
2.0s 45.00nm 4.5mb
S 57 15.00
REF 39.91 44 ePd 51 41.31 0.9
CPKM 40.05 43 eP 51 42.76 1.2
CRP 40.09 42 iPc 51 42.76 0.9
KDC 40.41 48 eP 51 44.90 0.6
SLKM 41.12 43 eP 51 49.36 -0.8
PMS 41.34 42 eP 51 51.60 -0.3
PMR 41.49 42 eP 51 52.81 -0.2
0.4s 8.61nm 4.4mb
FBA 41.70 37 eP 51 55.20 0.5
TOA 42.80 41 eP 52 02.60 -1.2
KLU 43.02 41 eP 52 05.63 0.0
LSA 43.68 268 iPc 52 13.40 1.7
BALM 44.81 42 eP 52 19.94 0.1
CHG 45.24 250 ePd 52 24.20 0.7
1.0s 12.50nm 4.2mb
GUN 48.48 270 P 52 49.52 0.5
KKN 48.97 270 P 52 52.66 0.0
PKI 49.01 270 P 52 53.40 0.3
KSH 49.15 289 P 52 55.00 1.3
1.0s 40.00nm 4.8mb
DMN 49.21 270 P 52 55.08 0.6
GKN 49.30 271 P 52 55.34 0.3
SVE 50.61 315 ePc 53 03.20 -1.2
ARU 51.81 315 eP 53 12.00 -1.3
YKA 56.27 33 eP 53 38.10 -7.3X
0.5s 8.30nm 4.5mb
HYB 60.33 265 eP 54 14.00 0.0
BMW 61.23 52 eP 54 19.65 -0.1
RMW 61.44 50 eP 54 22.35 1.2
MAIO 61.79 294 iPc 54 23.80 0.2
SHW 61.95 52 eP 54 26.32 1.8
KAF 62.18 332 eP 54 23.60 -2.0
0.5s 2.50nm 4.1mb
OBN 62.92 322 eP 54 30.00 -0.6
DPW 63.13 48 eP 54 32.61 0.4
NEW 63.46 47 eP 54 34.00 -0.3
1.5s 43.73nm 4.9mb
GBA 63.70 263 P 54 36.00 -0.1
NUR 63.89 331 iP 54 35.00 -1.7
0.4s 2.40nm 4.3mb
WRA 65.04 190 P 54 46.20 1.7
NB2 67.64 337 P 54 59.90 -0.7
0.9s 7.50nm 4.4mb
HFS 67.67 335 eP 54 59.90 -0.8
0.5s 3.20nm 4.3mb
ASPA 68.77 190 P 55 10.60 2.9X
PTI 69.50 50 eP 55 13.48 1.1
TNP 69.96 56 eP 55 16.22 1.0
0.8s 6.94nm 4.4mb
BW06 71.07 48 iPc 55 22.29 0.4
1.3s 25.96nm 4.8mb
epP 56 26.00 275km
DUG 71.07 52 eP 55 23.04 1.2
1.0s 10.59nm 4.5mb
EMUT 72.45 51 eP 55 30.96 1.0

MSU 72.59 53 eP 55 32.65 1.9
epP 56 36.46 275km
SRU 73.10 51 eP 55 34.27 0.6
GOL 75.48 48 (P) 55 49.41 2.1
0.8s 14.15nm 4.7mb
epP 56 54.01 277km
KHC 76.75 329 eP 55 54.50 0.6
e 56 27.50
GEC2 76.94 329 eP 55 54.90 -0.1
0.4s 0.33nm 3.4mb X
e 55 58.00
e 56 03.00
LPL 82.27 331 eP 56 27.10 3.6X
0.6s 1.55nm 4.0mb
LPG 82.28 331 eP 56 27.30 3.6X
0.7s 2.10nm 4.0mb
MAF 83.02 334 eP 56 27.90 0.8
0.9s 4.60nm 4.3mb
RSNY 84.74 26 (P) 56 35.73 0.0
0.8s 4.11nm 4.3mb
ELC 85.32 40 eP 56 39.86 1.2
EMM 86.61 22 eP 56 45.88 1.1
(pP) 57 52.67 279km
S.D. = 1.1 on 92 of 100 obs.

? SEP 16, 1992 23h 09m 54.18±2.48s
23.708 S ± 40.9km 179.963 W ± 33.4km
DEPTH = 500.0km (geophysicist)
4.8mb (8 obs.)

SOUTH OF FIJI ISLANDS (171)

RMQ 28.43 258 iPc 15 12.00 2.6
0.7s 20.00nm 4.8mb
CTA 31.51 270 iPd 15 37.00 1.1
0.7s 17.12nm 4.7mb
STK 34.83 248 iPd 16 05.10 1.4
ASPA 42.10 260 iPd 17 03.40 0.3
0.5s 31.30nm 5.1mb
eS 22 44.90
WB2 42.44 266 iPd 17 05.50 -0.3
0.5s 39.80nm 5.2mb
FORT 46.41 249 eP 17 36.00 -0.6
0.4s 13.00nm 4.8mb
WARB 48.20 255 eP 17 49.00 -1.3
COOL 52.31 248 eP 18 20.00 -0.7
BAL 56.13 248 eP 18 46.50 -1.2
MUN 56.34 246 eP 18 48.30 -0.8
MRWA 56.98 250 eP 18 52.00 -1.5
0.4s 13.00nm 4.6mb
NANU 58.86 257 iPd 19 06.00 -0.3
0.4s 36.00nm 5.1mb
SPA 66.43 180 iPc 19 55.80 1.1
1.1s 11.90nm 4.4mb
CHG 89.64 291 eP 21 59.70 0.3
HFS 142.36 349 ePKP 28 22.90 -7.3X
0.3s 2.20nm
KSP 150.12 339 iPKP 28 46.60 3.5X
CLL 150.68 343 iPKPd 28 47.90 4.0X
0.9s 11.00nm
BRG 150.81 342 iPKP 28 48.60 4.5X
GEC2 152.69 340 ePKP 28 52.50 5.5X
0.7s 0.56nm
e 28 56.90
e 29 06.20
e 30 38.20
e 30 42.00
e 30 51.80
e 31 00.50
BCAO 153.82 226 iPKPc 29 13.00 23.6X
0.2s 12.00nm
S.D. = 1.3 on 14 of 20 obs.

? SEP 16, 1992 23h 23m 38.02±0.97s
40.673 N ± 7.6km 23.486 E ± 14.0km
DEPTH = 10.0km (geophysicist)

GREECE (364)

SOH 0.18 326 ePg 23 42.34 0.3
iSg 23 45.10
SRS 0.45 10 ePg 23 46.94 -0.3
iSg 23 53.90
OUR 0.51 132 ePg 23 48.62 0.3
iSg 23 55.98
PAIG 0.76 169 ePg 23 52.54 -0.3
iSg 24 04.38
S.D. = 0.6 on 4 of 4 obs.

16d 23h

SEP 16, 1992 23h 51m 51.21 ± 0.82s
 12.134 N ± 5.4km 87.616 W ± 4.7km
 DEPTH = 55.9 ± 7.2 km
 4.9mb (25 obs.) 5.1Msz (18 obs.)
 NEAR COAST OF NICARAGUA (74)
 Felt (11) at San Salvador, El
 Salvador.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.8.: 20S, 34C
 Centroid Location:
 Origin Time 23:51:56.0 0.9
 Lat 12.11N 0.07 Lon 87.90W 0.05
 Dep 17.6 2.2 Half-duration 1.7
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr= 1.74 0.10 Mtt= -1.38 0.09
 Mff= -0.36 0.16 Mrt= 1.57 0.31
 Mrf= -1.31 0.27 Mtf= 0.69 0.07
 Principal Axes:
 T Vol= 2.71 Plg=64 Azm= 47
 N -0.06 6 304
 P -2.65 25 211
 Best Double Couple: Mo= 2.7 × 10¹⁷
 NP1: Strike=288 Dip=21 Slip= 72
 NP2: 127 70 97

QZA 1.93 316 eP 52 20.90 -1.3
 SJAS 2.15 315 eP 52 23.80 -1.6
 LFU 2.17 318 iP 52 24.50 -1.1
 YPE 2.82 315 iP 52 34.20 -0.8
 SCX 6.68 314 (P) 53 45.00 16.0X
 OXX 10.09 300 (P) 54 06.00 -10.4X
 IISM 11.61 307 (P) 54 38.00 1.3
 IIT 12.37 305 (P) 54 49.00 1.9
 ACX 12.75 293 (P) 54 51.00 -1.0
 UNM 13.23 304 (P) 54 58.00 -0.5
 MRX 15.06 302 (P) 55 23.00 0.8
 BMG 15.19 108 iPd 55 24.00 0.0
 BOG 15.34 118 eP 55 28.00 1.9
 COLM 16.98 296 (P) 55 46.50 -0.2
 CGX 16.99 298 (P) 55 47.00 0.2
 AGX 17.05 307 (P) 55 51.00 3.7X
 MGP 20.65 71 P 56 30.00 1.2
 PORP 21.08 71 P 56 33.00 -0.2
 CLLP 21.15 71 P 56 34.00 0.2
 HBF 21.74 17 (P) 56 42.90 3.3X
 SGS 21.95 16 eP 56 45.12 3.5X
 PRM 22.37 12 eP 56 47.77 1.9
 PWLA 22.75 359 eP 56 49.35 -0.2
 JSC 22.79 14 eP 56 51.48 1.5
 UYO 22.80 345 iPc 56 50.30 0.2
 LMS 23.09 14 eP 56 53.57 0.7
 OLY 23.53 352 eP 56 56.73 -0.4
 GBTN 23.63 7 eP 56 59.42 1.3
 GRT 24.08 356 eP 57 02.81 0.3
 FKO 24.67 341 iPc 57 08.00 -0.2
 FNO 24.67 341 iPc 57 07.90 -0.3
 CEH 24.88 17 eP 57 11.33 1.2
 Z 1.0s 147.07nm 5.4mb
 Z 22s 3.69um 4.8Msz
 MGH 25.01 76 eP 57 10.00 -1.6
 ELC 25.09 357 eP 57 11.76 -0.3
 PAG 25.44 78 eP 57 14.00 -1.7
 BLA 25.79 13 eP 57 19.69 0.9
 Z 1.3s 53.68nm 4.9mb
 NAV 25.81 13 eP 57 19.56 0.6
 FVM 25.86 355 eP 57 18.60 -0.8
 Z 0.6s 16.11nm 4.7mb
 Z 20s 3.07um 4.8Msz
 DEG 26.06 78 eP 57 16.00 -5.5X
 CBN 27.53 18 eP 57 35.50 1.0
 Z e 57 51.00
 ALO 28.43 326 ePd 57 43.76 0.8
 Z 1.1s 27.94nm 4.8mb
 Z 19s 1.92um 4.7Msz
 TUC 29.26 317 eP 57 53.65 3.3X
 Z 1.0s 31.70nm 4.9mb
 LVNJ 30.72 19 eP 58 02.83 -0.2
 GLD 31.61 334 eP 58 11.50 0.4
 Z 1.3s 50.57nm 5.2mb
 Z 20s 1.30um 4.6Msz
 GOL 31.63 333 eP 58 11.09 -0.4
 Z 0.9s 32.03nm 5.1mb
 Z 22s 1.61um 4.7Msz
 ePcP 01 04.12
 PV10 32.36 328 eP 58 17.79 -0.1

GLA 32.46 314 eP 58 19.84 1.4
 ePcP 01 05.96
 ARE 32.58 150 eP 58 21.00 1.1
 HRV 33.33 22 P 58 26.82 1.0
 Z 1.1s 14.09nm 4.7mb
 SRU 33.69 327 eP 58 29.03 -0.3
 ePcP 01 08.66
 epPcP 01 17.85
 PLM 34.06 313 eP 58 31.06 -1.5
 MSU 34.18 325 eP 58 34.74 1.2
 iPcP 01 11.31
 ZOBO 34.19 145 P 58 35.00 0.7
 Z 20s 2.95um 5.0Msz
 LR 07 00.00
 RSNY 34.20 17 eP 58 33.07 -0.3
 0.9s 25.38nm 5.2mb
 Z 20s 2.80um 5.0Msz
 EMUT 34.36 327 eP 58 34.87 -0.2
 LPB 34.40 145 P 58 38.00 2.1
 Z 20s 4.26um 5.2Msz
 S 04 04.00
 LR 09 06.00
 PEC 34.55 314 eP 58 36.89 0.3
 0.8s 4.40nm 4.4mb
 CNCB 34.69 146 P 58 39.70 1.2
 DAU 35.02 328 eP 58 40.78 -0.1
 ePcP 01 14.26
 EEO 35.14 10 eP 58 44.00 2.6
 BNH 35.26 20 (P) 58 41.69 -0.7
 TPNV 35.65 319 (P) 58 47.99 2.0
 0.8s 10.65nm 4.8mb
 Z 19s 6.66um 5.4Msz
 BW06 35.98 332 iPc 58 47.50 -1.4
 1.0s 44.17nm 5.3mb
 CCH 36.19 144 eP 58 52.00 1.1
 MIM 36.61 22 (P) 58 54.34 0.6
 EMM 36.78 24 eP 58 55.05 -0.2
 HVU 36.81 328 eP 58 55.83 0.1
 TNP 36.94 320 eP 58 57.53 0.6
 0.8s 5.76nm 4.6mb
 BCH 37.28 313 (P) 59 00.77 1.0
 iPcP 01 25.44
 PTI 37.39 330 eP 59 01.81 1.2
 PHAM 37.83 314 eP 59 07.32 3.1X
 ULM 38.61 352 eP 59 12.00 1.5
 LMN 38.79 26 ePd 59 16.20 4.1X
 CMB 38.97 317 eP 59 14.65 0.9
 0.9s 5.97nm 4.4mb
 Z 20s 2.72um 5.1Msz
 ORV 40.53 318 eP 59 26.58 0.1
 LBFM 41.76 320 eP 59 37.19 0.3
 JAO 42.63 10 eP 59 42.00 -1.6
 SES 42.71 338 ePc 59 43.80 -0.6
 0.8s 38.00nm 5.2mb
 pP 00 01.00 69kmX
 FHC 42.80 319 (P) 59 49.63 4.4X
 0.9s 90.83nm 5.5mb
 VGB 43.60 326 eP 59 52.23 0.6
 NEW 43.61 332 eP 59 50.79 -0.8
 0.7s 36.80nm 5.2mb
 Z 18s 2.37um 5.1Msz
 DPW 43.84 330 eP 59 53.49 -0.1
 SHW 44.82 326 eP 00 02.11 0.5
 LON 44.94 327 eP 00 02.29 -0.1
 RMW 45.39 328 eP 00 05.69 -0.3
 BMW 45.54 326 eP 00 06.10 -1.1
 ePcP 01 46.32
 GMW 45.96 327 eP 00 09.52 -0.9
 MCW 46.69 328 eP 00 16.10 -0.1
 FCC 46.79 355 eP 00 18.50 1.8
 PGC 46.99 328 eP 00 21.00 2.5
 BAO 47.95 124 Pc 00 24.50 -2.1
 e 00 41.50
 e 00 48.00
 e 01 55.00
 e 02 05.00
 BDF 48.03 124 Pc 00 25.00 -2.3
 e 00 43.00
 e 00 53.00
 e 01 26.80
 e 01 56.30
 e 02 05.00
 e 02 22.30
 MDZ 48.22 159 e(P) 00 21.80 -6.6X
 RSTA 52.48 134 eP 01 12.40 11.5X
 e 01 21.10
 VAO 52.95 131 eP 01 02.60 -1.9

YKA 53.87 345 eP 01 09.00 -1.6
 1.0s 16.50nm 5.0mb
 JFO 54.97 128 eP 01 10.00 -9.3X
 SIT 57.69 331 P 01 50.00 11.9X
 Z 20s 1.84um 5.2Msz
 BALM 62.79 333 eP 02 12.22 -0.8
 KLU 64.55 333 eP 02 23.32 -1.2
 PMR 66.02 333 eP 02 33.05 -0.8
 0.7s 6.38nm 4.7mb
 Z 21s 2.01um 5.3Msz
 SLKM 66.16 331 (P) 02 34.12 -0.7
 MBC 66.31 352 eP 02 34.00 -1.5
 1.0s 25.00nm 5.2mb
 FBA 66.65 336 eP 02 36.23 -1.6
 0.8s 9.04nm 4.8mb
 CRP 67.29 332 eP 02 40.82 -1.4
 CPKM 67.33 332 eP 02 41.83 -0.7
 REF 67.33 331 eP 02 41.34 -1.1
 HON 67.57 288 P 02 50.00 5.6X
 Z 19s 0.69um 4.9Msz
 DAG 73.47 13 eP 03 17.00 -2.1
 Z 19s 1.25um 5.2Msz
 N 18s 0.55um
 TOL 77.43 52 eP 03 45.00 2.7
 eS 13 50.00
 MAL 77.45 55 eP 03 41.00 -1.4
 LIC 81.49 85 P 04 03.60 -1.0
 KIC 81.75 85 P 04 04.00 -1.9
 LPL 84.47 45 eP 04 15.30 -4.3X
 2.0s 18.65nm 4.8mb
 LPG 84.49 45 eP 04 16.20 -3.6X
 1.5s 9.90nm 4.7mb
 GRF 86.49 40 iPc 04 29.20 -0.1
 Z 22s 2.00um 5.5Msz
 iPP 07 53.00
 e 15 06.00
 CLL 87.16 38 eP 04 29.00 -3.5X
 BRG 87.86 38 e(P) 04 36.00 0.2
 KHC 88.12 40 eP 04 35.00 -2.2
 1.0s 3.50nm 4.5mb
 Z 22s 2.00um 5.5Msz
 N 22s 0.30um
 E 22s 1.70um
 e 04 44.50
 e 05 34.00
 GEC2 88.28 40 ePKPc 04 36.50 -1.5
 1.1s 1.64nm 4.2mb
 e 04 44.80
 e 04 55.90
 TRI 89.21 43 eP 04 40.00 -2.4
 e 15 28.00
 e 16 40.00
 e 28 12.00
 eLR 33 52.00
 BJI 123.59 338 ePKP 10 44.00 -0.2
 HHC 124.38 342 ePKP 10 46.00 0.0
 TIA 126.55 335 ePKP 10 50.90 0.7
 TIY 126.97 340 ePKP 10 51.70 0.7
 GTA 128.26 353 PKP 10 54.00 0.5
 NJ2 129.28 331 PKPc 10 56.50 1.1
 LZH 130.84 348 ePKP 10 59.00 0.5
 Z 24s 0.59um 5.2MszX
 PP 13 22.50
 XAN 131.46 342 PKP 11 00.00 0.4
 CD2 135.83 346 ePKP 11 07.60 -0.4
 Z 22s 0.88um 5.4Msz
 ePP 13 52.00
 PKS 14 40.00
 LSA 138.39 2 ePKP 11 11.70 -1.7
 GYA 139.20 340 PKP 11 15.00 0.5
 KMI 141.62 345 ePKP 11 19.00 -0.1
 WARB 144.88 242 ePKP 11 23.00 -1.3
 HYB 147.62 25 ePKP 11 30.70 1.7
 CHG 148.58 348 ePKP 11 31.00 0.5
 BDT 150.09 347 ePKP 11 33.20 0.4
 0.8s 77.90nm
 GBA 150.44 31 PKP 11 34.00 0.6
 NST 151.33 344 ePKP 11 43.00 0.3X
 KHT 152.56 347 ePKP 11 37.30 0.8
 NNT 154.38 343 ePKP 11 40.60 1.6
 S.D. = 1.2 on 122 of 141 obs.

SEP 17, 1992 00h 22m 54.04 ± 0.48s
 0.055 S ± 7.5km 129.807 E ± 8.0km
 DEPTH = 33.0km (normal)
 4.8mb (6 obs.) 4.7Msz (3 obs.)
 HALMAHERA, INDONESIA (267)

SWI	1.66	119	iPd	23	21.50	0.3	ALQ	29.53	327	eP	42	40.00	-0.3	iSg	37	28.00				
AAI	3.95	204	eP	23	55.00	1.1		1.0s	5.00nm			4.2mb		FNA	0.84	110	iPgc	37	15.60	-1.0
MNI	5.18	287	ePd	24	11.00	-0.4	PV10	33.47	328	eP	43	16.00	1.0				iSg	37	28.90	
MKS	11.53	243	iPc	25	40.00	0.6	SRU	34.80	327	eP	43	26.87	0.5	VLO	0.88	227	ePg	37	18.10	0.9
MTN	12.78	174	eP	25	51.30	-4.9X	MSU	35.27	325	(P)	43	30.19	-0.2	KKS	1.01	3	ePg	37	19.80	0.3
	0.4s	225.00nm			6.6mb	X	EMUT	35.47	328	(P)	43	42.00	9.9X	SDA	1.17	328	ePn	37	23.90	1.7
		eS		28	05.00		DAU	36.14	328	(P)	43	38.18	0.4	SRN	1.22	192	ePn	37	26.70	3.7X
WWKK	14.26	105	eP	26	24.10	8.4X	EEO	36.16	10	eP	43	38.00	0.5	SKO	1.22	42	iPg	37	23.70	0.5
KNA	15.63	184	eP	26	27.50	-6.1X	BW06	37.11	332	eP	43	45.20	-0.7		0.3s		40.00nm			
OIS	22.52	155	eP	27	51.70	-0.7		0.8s	3.57nm			4.3mb					iSg	37	39.50	
	0.3s	9.00nm			4.7mb		LMN	39.63	25	eP	44	07.50	0.9	BCI	1.31	351	ePn	37	28.50	3.8X
		eS		31	58.00		ULM	39.74	351	eP	44	08.00	0.5	GRG	1.57	93	ePb	37	28.10	-0.2
ASPA	23.80	171	iPd	28	05.40	0.4	BAO	47.05	124	e(P)	45	07.00	-0.2				iSb	37	51.40	
	0.8s	85.30nm			5.3mb		YKA	55.02	345	eP	46	06.00	-0.7	VAY	1.70	81	iPn	37	31.40	1.1
Z	22s	0.50um			3.9Msz			0.8s	1.70nm			4.1mb		LIT	1.90	120	ePn	37	33.50	0.3
CTA	25.61	142	iPc	28	25.00	2.7	GBA	151.19	32	eP	56	29.00	6.4X							
WARB	26.15	186	eP	28	27.00	-0.3														
FORT	30.60	183	eP	29	05.00	-2.3														
HNR	31.42	108	eP	29	13.00	-1.7														
NST	33.21	299	eP	29	30.00	-0.3														
CHG	35.63	303	eP	29	51.70	0.6														
KMI	36.21	316	eP	29	58.00	1.8														
MAT	37.24	11	eP	30	01.00	-3.4X														
XAN	39.17	332	P	30	20.50	-0.2														
		pP		30	34.50	54kmX														
CD2	39.49	324	eP	30	28.00	4.6X														
TIY	40.86	339	eP	30	34.90	0.3														
	Z	26s			1.14um	4.6MszX														
	N	20s			1.30um															
BJI	41.80	344	eP	30	42.00	-0.2														
	1.0s	22.00nm			4.8mb															
Z	24s	0.96um			4.6MszX															
LZH	43.31	329	eP	31	00.00	5.2X														
	1.5s	30.00nm			4.8mb															
CN2	43.84	355	eP	31	04.80	6.1X														
HHC	43.96	340	eP	31	00.80	0.9														
	0.8s	8.20nm			4.6mb															
Z	26s	0.99um			4.6MszX															
MDJ	44.48	360	eP	31	07.60	3.7X														
	1.2s	13.00nm			4.7mb															
GTA	47.90	329	eP	31	31.00	-0.3														
	Z	18s			0.91um	4.8Msz														
GBA	53.60	287	P	32	12.00	-2.7														
WMO	57.57	325	P	32	43.00	-0.1														
KSH	62.85	315	P	33	19.80	0.5														
	Z	20s			1.24um	5.1Msz														
MAIO	74.24	308	P	34	30.00	0.0														
	S.D. = 1.3	on	22	of	30	obs.														
? SEP 17, 1992 01h 15m 03.71±3.60s																				
34.427 S ±22.8km 70.420 W ±13.3km																				
DEPTH = 10.0km (geophysicist)																				
CHILE-ARGENTINA BORDER REGION (127)																				
MD 3.4 (SAN).																				
CACH	0.34	334	iP+	15	11.04	0.2														
			iS		15	20.07														
CHCH	0.53	339	iP+	15	14.54	0.1														
			iS		15	25.89														
PCH	0.81	354	iPd	15	19.18	-0.3														
			iS		15	34.14														
TACH	0.88	331	iP+	15	20.71	0.0														
			iS		15	37.16														
LNV	0.95	300	iP	15	21.19	-0.5														
			iS		15	38.15														
FCH	1.10	6	iP+	15	23.82	-0.8														
			iS		15	42.37														
PEL	1.30	350	iP+	15	28.02	0.2														
			iS		15	49.22														
LCCH	1.35	314	iP	15	28.70	0.2														
			iS		15	50.78														
ROCH	1.53	341	iP+	15	31.85	0.5														
			iS		15	56.16														
JACH	1.75	355	iP	15	34.87	0.5														
			iS		16	02.04														
	S.D. = 0.5	on	10	of	10	obs.														
• SEP 17, 1992 01h 36m 36.36±0.91s																				
11.039 N ±13.6km 87.253 W ±12.3km																				
DEPTH = 33.0km (normal)																				
4.2mb (3 obs.)																				
NEAR COAST OF NICARAGUA (74)																				
JSC	23.77	12	ePd	41	46.92	0.1														
UYO	23.95	345	iPd	41	48.00	-0.5														
GBTN	24.67	6	eP	41	54.95	-0.6														
CEH	25.82	15	eP	42	05.86	-0.5														

MOX 3.00 254 iPg 27 54.70 7.9X
iSg 28 33.90
GRF 3.65 241 e(Pg) 28 04.00 7.9X
eSg 28 54.90
S.D. = 1.2 on 6 of 9 obs.

SEP 17, 1992 05h 01m 43.19 ± 0.44s
10.839 N ± 7.9km 86.253 W ± 7.1km
DEPTH = 33.0km (normal)
4.8mb (8 obs.) 4.6Msz (2 obs.)
OFF COAST OF COSTA RICA (77)

OXX 11.90 303 (P) 04 34.00 0.1
IISM 13.45 308 (P) 04 53.00 -1.3
IIT 14.20 306 (P) 05 05.00 0.6
ACX 14.50 296 (P) 05 10.00 1.9
UNM 15.06 306 (P) 05 15.00 -0.7
MRX 16.88 303 (P) 05 41.00 2.3
CGX 18.78 300 (P) 06 12.00 9.5X
SGS 22.86 12 eP 06 45.90 1.1
JSC 23.77 10 iPc 06 55.57 1.9
LHS 24.05 11 ePc 06 57.94 1.6
PWLA 24.09 356 eP 06 57.11 0.4
GBTN 24.78 4 eP 07 03.79 0.3
OLY 25.01 350 eP 07 03.86 -1.7
CEH 25.77 13 eP 07 13.79 1.1

0.7s 30.65nm 5.0mb
FKO 26.34 339 iPd 07 17.40 -0.6
NAV 26.82 10 eP 07 22.68 0.3
CBN 28.39 15 eP 07 37.00 0.4
JFWS 32.14 354 eP 08 07.91 -2.0
0.5s 8.26nm 4.9mb
LPB 32.59 146 eP 08 15.00 0.5
Z 20s 1.06um 4.5Msz

CNCB 32.88 146 P 08 16.90 -0.3
e 11 04.00

GOL 33.39 333 eP 08 20.18 -0.9
1.8s 23.45nm 4.8mb

PV10 34.17 327 eP 08 26.89 -1.0
GLA 34.31 315 eP 08 28.34 -0.6
CCH 34.37 144 P 08 29.80 0.0
RSNY 35.08 15 eP 08 34.12 -1.1
0.7s 5.85nm 4.6mb

SRU 35.50 327 ePc 08 38.12 -1.0
MSU 36.00 324 ePc 08 42.92 -0.5
EMUT 36.16 327 eP 08 44.19 -0.6
EEO 36.20 8 eP 08 46.50 1.8
ARUT 36.26 322 eP 08 45.08 -0.5
PEC 36.41 314 eP 08 47.61 0.9
1.3s 9.91nm 4.6mb

BW06 37.75 332 eP 08 57.79 -0.3
1.3s 4.64nm 4.2mb

ISA 38.26 315 eP 09 02.98 0.7
1.8s 33.48nm 4.9mb

BCH 39.14 314 eP 09 10.64 0.9
LMN 39.40 24 eP 09 15.00 3.4X
BONR 39.41 319 eP 09 13.11 1.0
HHA1 39.50 330 eP 09 12.08 -0.5
ULM 40.09 350 eP 09 29.50 12.3X
CMB 40.82 317 eP 09 23.34 -0.1
LRM 41.41 332 eP 09 28.10 -0.3
ORV 42.37 319 ePc 09 36.54 0.4
LBFM 43.61 321 eP 09 45.14 -1.2
JAO 43.67 9 eP 09 45.00 -1.4
SES 44.41 337 eP 09 51.00 -1.5
BAO 46.12 124 e(P) 10 06.00 -0.7
e 10 19.00
e 10 22.00

BDF 46.21 124 Pc 10 08.00 0.6
e 10 14.20
e 10 22.90
e 10 28.30

MBC 67.77 352 eP 12 43.00 3.6X
LIC 80.26 85 P 13 52.60 -0.3
KIC 80.52 85 P 13 53.30 -1.0
ADK 81.83 321 eP 14 00.39 0.0
1.3s 88.44nm 5.6mb

GRF 86.61 40 iPc 14 25.50 0.9
Z 18s 0.30um 4.7Msz

ePP 17 57.00
ic 25 04.60
ic 26 02.00

KMI 143.20 346 ePKP 21 14.00 -2.7
HYB 148.16 28 ePKP 21 27.80 2.9
CHG 150.09 350 ePKPc 21 32.20 4.4X
2.0s 107.35nm

GBA 150.82 34 PKP 21 34.00 5.1X
S.D. = 1.2 on 49 of 55 obs.

SEP 17, 1992 05h 20m 52.39 ± 0.93s
33.750 S ± 9.4km 70.448 W ± 7.3km
DEPTH = 100.6 ± 7.3 km

CHILE-ARGENTINA BORDER REGION (127)
MD 4.2 (SAN).

PCH 0.14 337 iPd 21 06.66 -0.3
CHCH 0.25 223 iPd 21 06.87 -0.3
SAN 0.35 329 iP+ 21 07.34 -0.2
iS 21 18.58

CACH 0.39 199 iP+ 21 07.95 0.1
TACH 0.42 283 iP+ 21 08.03 0.1
FCH 0.44 17 eP 21 08.37 -0.1
iS 21 21.00

PEL 0.64 342 iPd 21 09.78 0.2
iS 21 22.49
LNV 0.83 255 iP+ 21 11.24 0.0
ROCH 0.91 329 iP+ 21 12.33 -0.1
iS 21 27.38

LCCH 0.98 286 iP+ 21 13.08 0.2
iS 21 28.71
JACH 1.07 353 iPd 21 14.26 0.2
iS 21 30.66

IHA 1.23 306 iPd 21 16.50 0.7
iS 21 33.70
MDZ 1.59 58 iP 21 19.80 -0.5
iS 21 42.20

ZON 2.66 35 iPd 21 35.80 1.5
eS 22 07.80
TLL 3.58 355 iP 21 45.70 -1.5
iS 22 27.70

CCH 16.75 14 P 24 43.40 0.9
CNCB 17.01 8 P 24 45.80 -0.2
LPB 17.27 8 P 24 49.00 -0.1
ZOBO 17.51 7 P 24 51.70 -0.5

S.D. = 0.7 on 19 of 19 obs.

SEP 17, 1992 07h 00m 23.64 ± 0.93s
55.417 N ± 21.4km 167.044 E ± 11.8km
DEPTH = 33.0km (normal)
4.4mb (10 obs.)

KOMANDORSKY ISLANDS REGION (4)

SDN 18.36 77 eP 04 35.30 -1.6
TTA 20.12 53 eP 04 58.60 1.4
0.8s 11.20nm 4.3mb

IMA 21.55 45 eP 05 13.74 1.9
1.0s 5.57nm 3.9mb
FBA 23.86 48 eP 05 34.77 0.4
0.7s 7.47nm 4.3mb

TOA 24.69 55 eP 05 42.80 0.3
LZH 46.37 273 eP 08 50.00 1.5
1.6s 22.00nm 4.9mb

CHG 62.30 263 eP 10 46.00 1.2
HFS 62.86 345 eP 10 45.80 -2.2
0.5s 1.50nm 4.4mb

GRF 73.33 344 eP 11 53.60 0.3
Z 17s 2.00um 5.5MszX
KHC 73.48 342 eP 11 53.50 -0.7
1.0s 4.30nm 4.4mb

GEC2 73.73 342 ePc 11 54.50 -1.3
0.8s 2.45nm 4.3mb
e 12 04.50

KBA 75.50 342 iPd 12 06.10 0.0
1.0s 13.90nm 4.9mb
i 12 17.30
i 14 38.70
i 14 44.30

WITA 75.62 343 iPd 12 06.50 -0.3
0.8s 9.60nm 4.8mb
i 14 40.50
i 14 45.50

VBY 76.66 340 e(P) 12 09.00 -3.4X
ASPA 83.69 210 eP 12 49.20 -0.9
0.8s 3.10nm 4.5mb

S.D. = 1.3 on 14 of 15 obs.

SEP 17, 1992 07h 02m 08.96 ± 0.31s
44.432 N ± 4.4km 129.481 W ± 4.2km
DEPTH = 10.0km (geophysicist)
4.8mb (35 obs.) 5.3Msz (12 obs.)

OFF COAST OF OREGON (30)

BMW 4.85 63 eP 03 22.02 -1.8
ARC 5.34 130 ePc 03 27.00 -3.6X
SHW 5.40 68 eP 03 30.94 -0.7
FHC 5.44 130 eP 03 31.90 -0.2
GMW 5.61 54 ePd 03 33.52 -0.9
LON 5.86 64 eP 03 36.52 -1.5
PGC 5.92 42 P 03 37.50 -1.3
0.7s 26.50nm 5.1mb

RMW 6.15 58 eP 03 41.12 -1.0
MCW 6.25 45 eP 03 42.77 -0.7
VGB 6.27 77 eP 03 42.65 -1.1
LBFM 6.37 116 eP 03 46.62 1.2
LTCM 6.89 125 (P) 03 54.86 2.4X
ORV 7.68 127 eP 04 03.36 -0.2
BKS 8.53 138 ePc 04 17.00 1.7

Z 19s 14.00um eS 06 02.00
eS 04 13.33 -2.4
eS 04 35.00 9.7X
eS 06 12.00

GCC 9.32 140 eP 04 24.51 -1.7
CMB 9.37 130 ePc 04 25.00 -2.0
Z 19s 32.00um e(PP) 05 00.00
eS 06 39.00
eLR 07 02.00

KVN 10.06 118 (P) 04 37.97 1.3
PRS 10.18 140 eP 04 37.84 -0.3
FRI 10.49 132 ePd 04 42.37 0.0
BONR 10.62 124 (P) 04 44.95 0.5
PRI 10.67 138 eP 04 44.75 -0.2
PKEM 11.00 136 (P) 04 51.56 2.2X
PHAM 11.04 138 (P) 04 49.63 -0.3
TNP 11.19 120 (P) 04 52.40 0.2
LRM 12.11 77 eP 05 04.90 0.2
e 05 41.00
e 07 04.70

ISA 12.15 132 eP 05 03.16 -1.8
HHA1 12.40 89 eP 05 09.24 0.8
HVU 12.50 96 (P) 05 10.02 0.3
PTI 12.49 91 eP 05 11.75 2.0
TPNV 12.51 122 (P) 05 11.40 1.5
0.9s 15.27nm 5.2mb X
DUG 13.04 103 (P) 05 17.59 0.6
1.2s 8.90nm 4.8mb X

ARUT 13.78 113 (P) 05 27.39 0.5
SES 13.82 58 eP 05 29.00 1.8
2.0s 393.00nm 5.9mb X
pP 05 39.00

DAU 14.05 100 eP 05 32.91 2.5X
PEC 14.20 134 eP 05 32.36 0.2
1.3s 9.91nm 4.4mb X
MSU 14.25 109 eP 05 33.75 0.7
EMUT 14.59 102 (P) 05 36.53 -1.0
PLM 14.78 134 (P) 05 39.33 -0.5
SRU 15.10 104 (P) 05 46.24 2.1
GLA 16.09 130 eP 05 59.30 2.5X
BALM 18.30 340 ePc 06 26.41 2.0
GOL 18.49 96 eP 06 27.69 0.6
0.9s 22.99nm 4.4mb
TUC 18.96 123 eP 06 31.89 -0.7
0.9s 9.91nm 4.0mb

KLU 19.65 336 eP 06 41.27 0.7
ALO 20.04 110 eP 06 43.78 -1.3
1.1s 26.40nm 4.5mb
YKA 20.05 20 eP 06 45.70 1.0
0.8s 13.60nm 4.3mb

TOA 20.21 337 eP 06 48.90 2.4
SLKM 20.32 330 (P) 06 45.75 -1.8
PMR 20.71 333 (P) 06 51.93 0.3
1.2s 48.18nm 4.7mb

CRP 21.53 329 eP 07 00.91 0.8
SVW 22.75 326 eP 07 13.80 1.6
FBA 22.91 340 eP 07 16.40 2.8X
ULM 23.37 64 eP 07 23.50 5.3X
TTA 23.99 330 eP 07 25.75 1.5
1.2s 20.99nm 4.6mb
IMA 25.37 337 eP 07 35.18 -2.4
1.3s 18.97nm 4.6mb

FNO 26.14 99 iPd 07 46.40 1.5
FKO 26.15 99 iPc 07 47.00 2.1
JFWS 28.24 79 (P) 08 03.09 -0.8
0.8s 25.47nm 5.1mb

UYO 28.78 99 iPd 08 08.90 0.0
FVM 29.07 89 (P) 08 17.07 -1.5
0.9s 7.64nm 4.5mb
OLY 30.24 94 eP 08 20.58 -1.4

	Z	20 s	1.48um	5.4Msz
	N	19 s	1.57um	
	E	15 s	0.76um	
GYA	92.79	312	eP	15 24.00 1.0
	Z	16 s	0.63um	5.2Msz X
DMN	101.64	329	Pdiff	16 00.00 -3.3X
NVL	147.52	157	ePKP	21 51.00 0.3
		1.4 s	14.00nm	
	Z	18 s	1.00um	5.6Msz
	E	18 s	0.50um	
			e	22 07.00
			e	22 26.00
	S.D.	= 1.2	on 99 of 136 obs.	
SEP	17, 1992	07h 02m	42.59± 0.41s	
44.470 N ± 6.0km			129.534 W ± 5.1km	
DEPTH = 10.0km			(geophysicist)	
5.0mb (14 obs.)			5.3Msz (12 obs.)	
OFF COAST OF OREGON			(30)	
BMW	4.87	63	eP	03 57.46 -0.2
SHW	5.43	69	eP	04 05.19 -0.4
FHC	5.49	130	(P)	04 09.94 3.5X
GMW	5.62	54	eP	04 08.52 0.3
LON	5.88	64	eP	04 11.33 -0.5
RMW	6.16	58	eP	04 16.02 0.1
MCB	6.25	45	eP	04 15.26 -1.8
VGW	6.30	77	eP	04 18.66 0.9
LBFM	6.42	116	(P)	04 18.95 -0.8
LTCM	6.95	125	(P)	04 25.28 -1.6
ORV	7.74	127	(P)	04 37.89 -0.1
DPW	8.57	63	(P)	04 49.11 -0.5
CMB	9.42	130	(P)	05 01.15 -0.2
KVN	10.11	118	(P)	05 11.31 0.3
80NR	10.67	124	(P)	05 19.08 0.3
TNP	11.25	120	(P)	05 27.12 0.6
	0.9 s	16.62nm		5.4mb X
ISA	12.20	132	eP	05 38.89 -0.5
HHA1	12.44	89	(P)	05 43.94 1.4
PTI	12.53	91	(P)	05 45.85 1.9
HVU	12.54	97	(P)	05 45.22 1.3
TPNV	12.56	122	eP	05 45.95 1.7
	0.9 s	35.62nm		5.6mb X
DUG	13.09	103	(P)	05 49.36 -1.9
ARUT	13.83	113	(P)	06 00.91 -0.2
DAU	14.09	100	(P)	06 05.54 0.9
PEC	14.25	134	eP	06 07.68 1.2
	2.0 s	109.86nm		5.2mb
MSU	14.30	109	(P)	06 09.28 2.0
EMUT	14.64	102	(P)	06 13.69 1.9
PLM	14.83	134	eP	06 14.05 -0.2
SRU	15.15	104	(P)	06 19.17 0.8
GLA	16.14	130	eP	06 31.77 0.7
BALM	18.26	340	eP	06 57.50 0.0
GQL	18.53	96	eP	07 02.77 1.6
TUC	19.01	123	eP	07 05.79 -1.1
KDC	19.48	321	eP	07 12.96 0.8
	1.7 s	144.02nm		5.0mb
KLU	19.60	336	(P)	07 13.16 -0.5
ALQ	20.09	110	(P)	07 20.49 1.3
SLKM	20.26	330	(P)	07 21.10 0.4
PMR	20.66	333	eP	07 25.88 1.2
	1.6 s	204.92nm		5.2mb
Z	19 s	12.03um		5.3Msz
CRP	21.48	329	(P)	07 34.07 0.8
SVW	22.70	326	eP	07 47.02 1.8
	1.3 s	93.93nm		5.1mb
FBA	22.86	340	eP	07 48.30 1.5
	2.0 s	139.16nm		5.1mb
TTA	23.94	330	(P)	07 59.32 2.0
	1.3 s	47.74nm		4.9mb
IMA	25.32	337	eP	08 10.98 0.3
FCC	25.87	44	eP	08 22.50 6.8X
JFWS	28.27	79	eP	08 38.57 0.8
	0.8 s	30.61nm		5.1mb
SLM	29.77	87	P	09 00.00 8.7X
Z	19 s	9.97um		5.5Msz
FVM	29.90	89	eP	08 50.60 -2.0
	0.8 s	16.21nm		4.9mb
OLY	30.28	94	eP	08 53.27 -2.6
ELC	31.06	89	eP	09 01.30 -1.5
ADK	31.83	300	(P)	09 07.44 -1.9
HON	32.94	235	P	09 30.00 10.7X
Z	19 s	4.63um		5.2Msz
P				

NAV	37.07	84 eP	09 54.37	-0.2	PLM	14.77	134 (P)	07 36.63	0.4	S	56 34.41			
SMY	37.31	303 P	10 10.00	13.7X	SRU	15.11	104 (P)	07 39.51	-1.1	CTGM	2.14	19 ePd	56 09.92	-4.9
Z	19s	3.06um		5.1msz	GLA	16.09	130 (P)	07 53.80	0.6	HIN	2.38	309 eP	56 12.13	-6.0
BLA	37.39	84 ePd	09 57.81	0.6	BALM	18.32	340 (P)	08 20.56	-0.4	GLB	2.55	349 iPc	56 15.16	-5.3
	0.8s	20.96nm		5.0mb	GOL	18.50	96 (P)	08 22.34	-1.3	FID	2.60	316 eP	56 15.68	-5.5
PRM	37.50	89 eP	09 57.21	-0.9		1.1s	35.14nm		4.5mb	VLZ	2.82	322 eP	56 18.84	-5.5
JSC	38.19	88 eP	10 02.97	-0.9	TUC	18.96	123 (P)	08 30.20	1.2	KNIM	2.88	301 eP	56 19.70	-5.5
LHS	38.41	88 (P)	10 04.27	-1.5		1.1s	13.47nm		4.1mb	GLI	2.91	313 eP	56 20.11	-5.5
RSNY	38.59	70 (P)	10 06.54	-0.6	ALO	20.04	110 (P)	08 40.06	-1.5	KLU	2.99	330 eP	56 21.64	-5.2
	0.8s	5.14nm		4.3mb		1.3s	19.82nm		4.3mb	HYT	3.25	52 P	56 25.90	-4.6
Z	19s	9.75um		5.6msz	SLKM	20.33	330 eP	08 45.74	1.7	PLBC	3.33	79 P	56 26.50	-5.0
CEH	38.95	85 eP	10 08.64	-1.6	PMR	20.72	333 (P)	08 47.94	-0.1	TOA	3.58	333 eP	56 30.24	-4.9
	0.8s	15.81nm		4.7mb		1.2s	39.87nm		4.7mb	SEW	3.59	292 eP	56 28.65	-6.5
Z	21s	3.41um		5.2msz	CRP	21.54	330 (P)	08 57.24	0.6	SCM	3.67	324 eP	56 30.36	-6.1
YAK	56.45	326 eP	12 27.70	1.3	ULM	23.39	64 eP	09 20.50	5.7X	MPA	3.68	298 eP	56 30.36	-6.1
	1.2s	70.00nm		5.6mb	JFWS	28.25	79 (P)	09 58.03	-2.4	PTE	3.69	304 ePc	56 30.96	-5.6
Z	17s	1.70um		5.2mszX		0.9s	26.69nm		5.0mb	KNK	3.76	313 eP	56 32.29	-5.4
N	17s	1.20um			OLY	30.25	94 eP	10 17.42	-1.0	SML	3.98	318 eP	56 35.23	-5.5
E	15s	1.00um			ELC	31.04	89 eP	10 23.20	-2.1	SLKM	4.08	296 eP	56 36.41	-5.8
			20 22.00		PWLA	32.94	92 eP	10 41.74	-0.3	PMS	4.10	307 eP	56 36.82	-5.7
KEY	64.80	9 eP	13 26.00	3.0X	NAV	37.06	84 eP	11 16.73	-0.5	PLRM	4.13	313 eP	56 37.25	-5.5
MDJ	66.91	310 eP	13 34.00	-2.9	BLA	37.37	84 eP	11 20.92	1.1	GHO	4.16	315 eP	56 37.28	-6.1
Z	20s	1.23um		5.1msz		0.9s	17.97nm		4.8mb	CNPM	4.39	281 P	56 42.40	-4.1
N	10s	0.49um			JSC	38.17	88 eP	11 25.84	-0.6	RDT	5.14	293 eP	56 50.27	-6.9
E	11s	0.60um			LHS	38.39	88 (P)	11 28.47	0.1	CGLM	5.19	301 eP	56 50.54	-7.4
NB2	70.12	19 P	13 54.80	-1.8	RSNY	38.58	70 (P)	11 27.48	-2.4	BKG	5.22	298 eP	56 51.88	-6.4
	1.0s	7.90nm		4.8mb		0.9s	5.96nm		4.3mb	REF	5.26	291 eP	56 51.71	-7.3
HFS	71.50	18 eP	14 05.10	0.2	CEH	38.93	85 eP	11 33.30	0.4	RED	5.28	290 eP	56 51.27	-7.9
	0.5s	1.00nm		4.2mb		0.8s	8.97nm		4.5mb	NGC	5.29	302 eP	56 51.78	-7.7
SNY	72.04	311 Pd	14 08.00	-0.4	S.D. = 1.1 on 42 of 44 obs.					SKT	5.29	309 eP	56 52.76	-6.6
Z	16s	1.06um		5.2mszX	SEP 17, 1992 07h 31m 30.15±0.68s					BGL	5.34	300 eP	56 52.51	-7.6
E	12s	0.46um			47.540 N ± 4.8km 7.499 E ± 5.3km					FBA	6.42	340 eP	57 07.75	-7.5
HHC	78.91	317 eP	14 48.50	0.8	DEPTH = 10.0km (geophysicist)					48 obs. associated				
Z	30s	1.09um		5.0mszX	SWITZERLAND (544)					? SEP 17, 1992 08h 00m 36.22±4.22s				
N	13s	0.46um			ML 2.4 (LDG), 1.9 (STR).					44.604 N ±11.7km 129.033 W ±33.7km				
E	13s	0.52um								DEPTH = 10.0km (geophysicist)				
TIA	79.56	311 eP	14 50.80	-0.3	BBS	0.08	175 Pg	31 32.54	-0.1	OFF COAST OF OREGON (30)				
Z	18s	1.17um		5.3msz			Sg	31 34.22		TKO	4.03	77 P	01 38.28	-1.1
E	14s	0.70um			MOF	0.40	322 Pg	31 37.90	-0.4	KMOR	4.06	73 Pd	01 39.08	-0.7
SSE	81.03	305 eP	14 52.00	-7.0X	FEL	0.48	46 ePg	31 39.90	-0.1	NLO	4.21	67 P	01 42.20	0.3
Z	20s	0.90um		5.1msz	LOMF	0.49	248 Pg	31 40.43	0.2	BMW	4.49	63 eP	01 44.91	-0.9
E	14s	0.40um					Sg	31 47.64		OOW	4.60	45 P	01 47.50	0.1
		eS	24 36.00		BSF	0.56	302 Pg	31 40.80	-0.8	SSOR	4.69	85 P	01 49.52	0.7
		SCS	25 10.00				Sg	31 47.64		RVW	4.69	69 P	01 49.12	0.3
SRO	83.85	21 eP	15 13.80	0.5	ECH	0.71	341 Pg	31 44.58	0.3	CPW	4.76	58 P	01 49.36	-0.4
TRI	84.50	25 eP	15 13.50	-3.1X			Sg	31 53.89		SMW	4.81	54 P	01 50.51	0.1
		eLR	45 48.00		WLS	0.88	354 Pg	31 47.04	0.0	HBO	4.88	97 P	01 56.46	4.9X
FIR	85.44	27 e(P)	15 22.00	0.6	CDF	0.89	350 Pg	31 59.02	0.3	LVP	4.90	70 P	01 52.64	0.9
SKO	90.10	21 eP	15 42.50	-1.4			Sg	31 58.87		ERK	5.01	68 P	01 53.07	-0.2
Z	18s	1.71um		5.5msz	HAU	0.91	301 Pg	31 48.10	0.6	MTMW	5.02	71 P	01 53.60	0.2
		LR	58 23.00				Sg	32 00.20		VLMM	5.04	77 P	01 54.35	0.6
CD2	90.63	316 eP	15 46.10	-0.5	VITF	1.22	304 Pg	31 52.93	0.0	SHW	5.04	69 eP	01 53.55	-0.3
Z	18s	0.92um		5.3msz			Sg	32 09.93		HDW	5.15	52 P	01 55.61	0.3
E	15s	1.06um			S.D. = 0.5 on 10 of 10 obs.					LMW	5.16	64 P	01 55.26	-0.2
S.D. = 1.2 on 66 of 75 obs.					& SEP 17, 1992 07h 55m 38.36s					TDH	5.19	80 P	01 57.19	1.3
SEP 17, 1992 07h 04m 05.34±0.68s					58.952 N 142.769 W					BPO	5.24	87 P	01 56.56	-0.1
44.411 N ± 5.9km 129.501 W ± 7.4km					DEPTH = 10.0km (geophysicist)					GMW	5.25	54 eP	01 54.67	-1.9
4.5mb (8 obs.)					GULF OF ALASKA (15)					ASR	5.47	71 P	01 59.96	0.2
OFF COAST OF OREGON (30)					<AEIC>. ML 3.3 (AEIC), 3.5					RVC	5.47	62 P	01 59.75	0.0
					(PGC).					LON	5.50	64 eP	01 59.45	-0.7
BMW	4.87	63 eP	05 20.64	0.2	CYK	1.14	7 iPc	55 56.03	-3.7	GLK	5.57	67 P	02 01.87	0.6
SHW	5.43	68 eP	05 28.69	0.3	WRG	1.15	19 IPd	55 55.68	-4.2	WPW	5.65	66 P	02 02.02	-0.4
FHC	5.44	130 (P)	05 28.88	0.4			S	56 10.76		RMW	5.79	58 eP	02 03.48	-0.7
GMW	5.63	54 ePc	05 31.96	0.8	SNH	1.23	358 iPc	55 56.98	-4.3	MCW	5.90	44 eP	02 07.58	1.8
LON	5.88	64 eP	05 35.24	0.5			eS	56 12.83		JCW	6.08	51 P	02 08.70	0.3
RMW	6.17	58 eP	05 39.54	0.7	KAIM	1.29	320 ePc	55 58.21	-4.1	TBM	6.42	63 P	02 13.10	-0.1
MCW	6.27	45 (P)	05 40.38	0.2	WAX	1.50	358 iPc	56 00.41	-5.0	HHAI	12.08	90 eP	03 32.16	0.8
VGB	6.29	77 (P)	05 41.64	1.2			eS	56 19.91		ARUT	13.56	115 eP	03 50.49	-0.7
LBFM	6.37	116 (P)	05 41.00	-0.8	YAH	1.51	20 IPd	56 01.16	-4.5	MSU	14.00	110 eP	03 59.75	2.7X
ORV	7.68	126 (P)	06 00.61	0.7			S	56 20.19		SRU	14.84	105 eP	04 12.00	4.1X
DPW	8.57	62 eP	06 11.66	-0.8	HMT	1.58	332 ePc	56 01.36	-5.2	KLU	19.62	335 eP	05 21.16	13.6X
CMB	9.36	130 eP	06 24.35	1.0	PCA	1.72	47 IPd	56 04.02	-4.6	S.D. = 0.8 on 30 of 34 obs.				
BONR	10.62	124 (P)	06 41.91	1.1			S	56 24.22		% SEP 17, 1992 08h 35m 29.45±0.89s				
ISA	12.15	132 (P)	06 59.04	-2.3	RAGM	1.73	327 ePc	56 03.97	-4.8	39.065 N ± 7.6km 27.609 E ± 9.2km				
HHAI	12.41	89 eP	07 06.07	1.1	TGL	1.81	359 iPc	56 04.99	-4.9	DEPTH = 10.0km (geophysicist)				
HVU	12.51	96 eP	07 06.12	-0.2	CROM	1.82	354 iPc	56 05.01	-5.1	TURKEY (366)				
PTI	12.51	91 eP	07 09.51	3.2X	PNL	1.87	66 ePd	56 06.07	-4.7	IZM	0.72	202 iPg	35 43.50	-0.1
TPNV	12.51	122 (P)	07 06.91	0.6	BCPM	1.89	57 ePd	56 06.18	-4.8			iSg	35 54.50	
DUG	13.05	103 (P)	07 14.83	1.3			eS	56 29.57		DST	0.96	55 ePg	35 48.10	0.4
	1.0s	6.47nm		4.8mb X	MID	1.90	286 eP	56 06.76	-4.3			eSg	36 03.10	
ARUT	13.79	113 (P)	07 24.35	1.0	SGAM	1.99	323 eP	56 07.81	-4.5	EZN	1.25	308 ePn	35 53.00	0.3
PEC	14.20	134 (P)	07 28.18	-0.3	HQN	2.06	74 eP	56 08.57	-4.9	EDC	1.29	9 ePn	35 53.00	-0.4
	1.3s	13.88nm		4.5mb X	BALM	2.10	6 iPc	56 09.24	-4.9	KCT	1.32	26 iPn	35 53.60	-0.2
MSU	14.26	108 (P)	07 31.19	1.7										
EMUT	14.60	102 (P)	07 33.30	-0.8										

17d 08h

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

? SEP 17, 1992 08h 39m 58.25±4.08s
44.494 N ±10.8km 129.105 W ±34.1km
DEPTH = 10.0km (geophysicist)
OFF COAST OF OREGON (30)

LMW	5.25	63	P	41	18.27	-0.5
HDW	5.26	51	P	41	18.80	-0.1
GMW	5.36	53	P	41	19.84	-0.3
VLL	5.36	77	P	41	20.61	0.3
GULW	5.50	72	P	41	23.11	0.9
ASR	5.55	70	P	41	23.03	0.0
LON	5.59	64	P	41	22.68	-0.9
PGW	5.61	51	P	41	24.37	0.6
GLK	5.66	66	P	41	24.92	0.4
WPW	5.74	65	P	41	25.17	-0.6
FMW	5.75	62	P	41	25.28	-0.6
RMW	5.89	57	P	41	27.69	0.0
HTW	6.08	54	P	41	30.62	0.3
JCW	6.19	51	P	41	31.85	-0.1
CMW	6.22	48	P	41	32.59	0.2
TBM	6.52	63	P	41	36.28	-0.3
MBW	6.56	47	P	41	37.43	0.2
RPW	6.57	50	P	41	37.32	0.1
CRF	7.20	68	P	41	46.63	0.6
ARUT	13.56	114	eP	43	13.11	-0.1
SRU	14.86	105	eP	43	36.61	6.4X

S.D. = 0.5 on 20 of 21 obs.

* SEP 17, 1992 08h 39m 59.06±0.56s
22.720 S ±14.9km 174.921 W ±10.5km
DEPTH = 33.0km (normal)
5.0mb (10 obs.)

TONGA ISLANDS REGION

(174)

SVA	7.71	305	eP	41	53.00	1.1
DZM	17.25	269	iPc	44	04.50	5.3X
RMQ	33.17	256	eP	46	34.20	-0.6
CTA	36.17	267	iPd	47	01.10	0.4
PMG	38.64	284	eP	47	20.00	-1.4
ASPA	1.0s	52.00nm			5.3mb	
	46.84	258	iPd	48	26.40	-1.6
	1.0s	10.90nm			4.8mb	
		eS		55	12.20	
WARB	52.93	254	eP	49	12.00	-2.6
SPA	67.42	180	iPd	50	54.90	1.5
	1.1s	11.90nm			4.9mb	
CMB	79.20	41	iPc	52	01.68	-0.8
BONR	80.42	42	ePc	52	09.06	-0.3
MAW	80.44	199	eP	52	10.00	1.4
	1.0s	13.00nm			4.9mb	
TUC	82.14	50	ePc	52	17.86	-0.3
MDJ	83.98	324	eP	52	28.00	0.8
	1.1s	17.00nm			5.1mb	
MSU	84.63	44	iPc	52	31.19	0.3
CN2	85.81	321	Pc	52	36.40	0.1
	1.6s	38.00nm			5.4mb	
ALQ	86.59	50	eP	52	40.97	0.3
	0.9s	4.99nm			4.7mb	
BJI	89.48	314	eP	52	54.50	0.4
FBA	89.82	11	ePc	52	54.05	-1.1
	0.8s	3.71nm			4.7mb	
GYA	90.23	299	P	52	59.00	0.9
	1.2s	14.00nm			5.1mb	
XAN	91.75	306	P	53	05.80	1.0
	0.8s	8.80nm			5.2mb	
SES	92.00	35	eP	53	05.00	-0.6
KMI	92.90	296	eP	53	12.00	1.5
CHG	93.68	289	eP	53	15.70	1.8
KSP	150.60	345	ePKP	59	48.50	5.3X
		e		00	10.00	
CLL	150.80	350	iPKP	59	48.90	5.4X
		e		00	24.00	
VRI	150.97	328	ePKP	59	40.00	-4.0X
SPC	150.99	339	ePKP	59	51.40	7.3X
BRG	151.06	348	iPKP	59	49.40	5.5X
MLR	151.62	328	ePKPd	59	43.00	-2.1
PRU	151.79	347	ePKP	59	52.00	7.0X
PSZ	152.20	338	e(PKP)	00	02.90	17.1X
KHC	152.80	348	ePKP	59	53.50	6.9X
		e		00	08.50	
GEC2	153.04	347	ePKP	59	54.50	7.5X
		e		59	59.40	
		e		00	05.10	
		e		00	10.30	
		e		00	18.00	

e 00 20.60
e 00 24.60
S.D. = 1.3 on 23 of 33 obs.

* SEP 17, 1992 08h 45m 28.55±2.69s
44.503 N ±7.1km 129.209 W ±22.8km
DEPTH = 10.0km (geophysicist)
OFF COAST OF OREGON (30)

BMW	4.65	63	eP	46	39.56	-0.9
OSR	4.73	49	P	46	41.54	-0.1
OOW	4.76	45	P	46	42.11	0.1
RVW	4.85	68	P	46	43.10	-0.2
OTR	4.92	42	P	46	44.48	0.2
OSP	4.95	39	P	46	45.02	0.3
SMW	4.97	53	P	46	44.92	-0.1
ERK	5.16	67	P	46	47.55	-0.2
MTMW	5.17	70	P	46	47.82	-0.1
SHW	5.20	69	eP	46	47.84	-0.5
TDL	5.26	67	P	46	49.14	-0.1
HDW	5.31	52	P	46	50.23	0.3
LMW	5.32	64	P	46	49.97	0.0
GMW	5.41	53	iPd	46	51.00	-0.2
RVC	5.62	62	P	46	54.71	0.4
LON	5.65	64	eP	46	54.06	-0.7
GLK	5.72	66	P	46	56.45	0.7
PGC	5.74	42	eP	46	55.00	-0.8
WPW	5.81	65	P	46	56.66	-0.2
RMW	5.95	58	eP	46	58.72	-0.1
VGB	6.06	77	eP	47	00.29	-0.1
LBFM	6.23	118	eP	47	04.56	1.6X
CMW	6.27	49	P	47	03.97	0.5
EBG	6.51	65	P	47	07.27	0.5
ETW	6.91	60	P	47	13.14	0.6
WTV	7.18	60	P	47	20.23	4.0X
HHA1	12.20	90	eP	48	26.06	0.6
ARUT	13.64	114	eP	48	43.11	-1.4
MSU	14.09	109	ePd	48	50.98	0.5
SRU	14.93	105	eP	49	02.37	0.9

S.D. = 0.5 on 28 of 30 obs.

* SEP 17, 1992 10h 19m 39.16±0.92s
39.141 N ±7.9km 27.516 E ±9.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM	0.77	195	iPg	19	54.50	0.3
		iSg		20	07.00	
DST	0.98	61	iPn	19	57.00	-0.8
EZN	1.15	307	ePn	20	00.00	-0.6
EDC	1.23	12	ePn	20	03.00	0.9
KCT	1.28	30	iPn	20	03.10	0.2

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

& SEP 17, 1992 10h 43m 26.66s
61.252 N 152.205 W
DEPTH = 8.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.7 (AEIC).

SPU	0.10	134	iP	43	29.64	0.4
		eS		43	31.84	
NCG	0.15	9	eP	43	30.16	0.0
		eS		43	32.55	
BKG	0.18	189	eP	43	31.05	0.4
		iS		43	33.91	
RDT	0.69	188	iP	43	39.79	-0.7
		eS		43	49.11	
NKA	0.69	137	iP	43	42.41	1.9
DFR	0.70	200	P	43	39.70	-1.1
SUA	0.74	73	P	43	40.70	-0.7
		S		43	52.80	
NCT	0.78	207	P	43	41.20	-0.9
		S		43	51.70	
RDN	0.79	200	P	43	41.20	-1.1
		S		43	52.00	
SKT	0.80	24	P	43	41.50	-0.9
REF	0.80	198	P	43	41.70	-0.9
		S		43	52.80	
RDW	0.83	201	P	43	42.20	-0.8
		S		43	52.70	
RS2	0.84	199	P	43	42.40	-0.7
		S		43	53.30	
RSO	0.84	199	eP	43	42.45	-0.7
RS1	0.84	199	iP	43	42.51	-0.7
RED	0.88	199	P	43	42.90	-0.9
		S		43	54.60	

PWA	1.19	69	P	43	49.20	0.2
		S		44	06.30	
PWA	1.19	69	P	43	49.70	0.7
		S		44	06.10	
SLKM	1.22	127	P	43	49.00	-0.6
PMS	1.28	89	P	43	50.50	-0.1
		S		44	07.50	
PLRM	1.52	76	eP	43	52.28	-1.8
		eS		44	12.97	
MPA	1.59	118	P	43	56.00	0.9
PTE	1.60	103	P	43	55.90	0.7
HOM	1.62	170	P	43	56.50	0.9
GHO	1.66	70	P	43	57.70	1.5
		S		44	20.00	
SVW	1.66	267	P	43	57.90	1.7
		S		44	18.90	
SEW	1.78	129	P	43	58.70	0.8
		S		44	22.10	
CNPM	1.80	164	P	43	58.50	0.3
		S		44	22.00	
KNK	1.81	83	P	43	59.70	1.3
SML	1.94	72	P	44	02.50	2.3
AUW	1.99	199	P	44	02.50	1.6
KNIM	2.37	111	P	44	06.80	0.4
TRF	2.38	21	P	44	08.50	1.7
SCM	2.41	74	eP	44	09.64	2.6
TTA	2.46	315	P	44	12.80	5.1
GLI	2.51	96	P	44	09.80	1.4
FID	2.83	98	P	44	12.80	-0.2
VLZ	2.85	90	P	44	14.60	1.4
TOA	3.00	71	P	44	19.30	3.9
SDG	3.40	65	P	44	25.10	4.0
SGAM	3.50	99	P	44	28.50	6.0

41 obs. associated

? SEP 17, 1992 10h 52m 56.95±5.03s
51.349 N ±38.4km 16.071 E ±32.0km
DEPTH = 10.0km (geophysicist)

POLAND (548)

MG 2.9 (WAR).

KSP	0.53	164	iPc	53	06.80	-0.8
		iS		53	15.50	
BRG	1.42	251	iPg	53	21.80	-1.0
		iSg		53	42.00	
PRU	1.67	216	Pg	53	27.20	0.8
	0.3s	33.50nm				
		Sn		53	44.50	
		Sg		53	52.20	
		e		53	58.50	
CLL	1.92	270	(Pg)	53	30.30	0.3
		iSg		53	57.00	
VRAC	2.07	170	Pn	53	32.80	0.7
OJC	2.62	114	eP	53	44.30	4.2X
		eS		54	18.70	
KHC	2.74	217	Pg	53	46.20	4.5X
		e		53	56.60	
		Sn		54	15.90	
		Sg		54	26.00	

S.D. = 1.2 on 5 of 7 obs.

* SEP 17, 1992 10h 59m 39.12±1.71s
59.085 N ±15.0km 5.866 E ±7.1km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)

MD 2.8 (BER).

KMY	0.34	292	eP	59	46.36	0.2
		eS		59	50.49	
EGD	1.23	345	eP	00	01.99	0.0
		eS		00	18.21	
BER	1.33	349				

? SEP 17, 1992 15h 18m 25.31± 2.45s
7.524 S ±21.6km 127.970 E ±18.3km
DEPTH = 179.9 ± 25.4 km
4.6mb (2 obs.)
BANDA SEA (2B0)

KUPT	5.04	239	iPd	19	41.50	1.0
MTN	6.14	150	eP	19	55.10	0.2

17d 15h

0.3s 134.00nm 5.7mb X
 KNA 8.21 175 eP 21 00.00 20 20.20 -2.2
 0.2s 23.00nm 5.2mb X
 ASPA 17.03 161 eP 22 14.60 0.1
 0.7s 36.50nm 4.9mb
 OIS 17.17 140 iPd 22 17.20 1.1
 0.5s 8.00nm 4.4mb
 WARB 18.60 184 eP 22 32.00 0.5
 PKI 53.96 312 P 27 33.00 -0.3
 DMN 54.20 312 P 27 35.40 0.4
 GKN 54.76 312 P 27 38.00 -0.9
 S.D. = 1.3 on 9 of 9 obs.

* SEP 17, 1992 16h 20m 46.21 ± 0.88s
 48.725 N ± 9.6km 10.118 E ± 7.6km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.5 (GRF), 2.4 (FUR).

FUR 0.95 126 iPd 21 05.30 0.9
 eSg 21 18.60
 GRF 1.21 36 iPgC 21 08.40 -0.3
 eSg 21 25.00
 TOD 1.23 316 ePn 21 09.96 0.8
 FEL 1.64 240 ePn 21 14.59 -0.7
 TNS 1.85 325 iPnc 21 24.10 5.8X
 iSn 21 46.70
 ABH 2.04 305 ePn 21 24.39 3.3X
 MOX 2.15 26 ePg 21 26.40 3.7X
 iSg 21 52.60
 KHC 2.32 79 Pn 21 24.40 -0.6
 ePg 21 30.00
 eSn 21 51.50
 Sg 21 57.50
 S.D. = 1.1 on 5 of 8 obs.

? SEP 17, 1992 16h 24m 18.00 ± 5.31s
 37.644 N ± 26.0km 20.331 E ± 54.1km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)
 MD 3.1 (ATH).

VLS 0.57 21 ePg 24 29.00 -0.6
 eSg 24 37.20
 AGG 2.09 48 eP 24 37.40 -16.1X
 eS 25 13.90
 KEK 2.11 349 ePg 25 00.90 7.1X
 VLI 2.28 113 ePn 24 56.10 -0.1
 KZN 2.89 22 ePn 25 06.00 1.1
 OHR 3.48 6 ePn 25 13.00 -0.3
 VAY 4.06 25 ePn 25 30.30 8.9X
 SKO 4.41 11 ePn 25 32.20 5.8X
 S.D. = 1.3 on 4 of 8 obs.

? SEP 17, 1992 16h 31m 03.93 ± 1.35s
 17.126 S ± 14.5km 167.834 E ± 20.7km
 DEPTH = 33.0km (normal)
 4.7mb (3 obs.)
 VANUATU-ISLANDS (186)

PVC 0.76 143 iPd 31 18.40 0.2
 iS 31 26.10
 DZM 5.09 195 iPd 32 19.10 -0.9
 iS 33 12.10
 HNR 10.83 314 eP 33 40.00 0.1
 SVO 11.13 314 P 33 43.00 -0.8
 RMO 19.99 239 eP 35 40.30 3.6X
 0.7s 39.00nm 4.8mb
 ASPA 32.41 253 eP 37 34.60 1.4
 0.6s 6.50nm 4.7mb
 eS 42 11.90
 SPA 72.98 180 eP 42 34.90 2.8X
 0.9s 4.55nm 4.5mb
 CHG 76.56 295 eP 42 58.00 4.8X
 LZH 80.33 312 eP 43 27.50 13.8X
 CDF 144.99 337 ePKP 50 42.40 2.9X
 0.7s 7.60nm
 SBF 148.61 332 ePKP 50 52.30 6.8X
 0.8s 6.30nm
 PGF 148.89 329 ePKP 50 53.30 7.2X
 0.7s 5.85nm
 S.D. = 1.3 on 5 of 12 obs.

* SEP 17, 1992 17h 46m 52.02 ± 0.90s
 66.996 N ± 9.8km 20.943 E ± 13.7km
 DEPTH = 10.0km (geophysicist)
 SWEDEN (536)
 MD 3.4 (8ER).

KTk1 2.20 22 eP 47 29.03 -0.1
 eS 47 55.47
 LOF 3.06 295 eP 47 41.34 0.1
 ARA0 3.06 32 Pn 47 41.38 0.0
 Pg 47 48.40
 Sn 48 18.87
 Lg 48 25.69
 NRA0 7.52 218 Pn 48 43.66 -0.6
 HFS 7.60 209 eP 48 46.00 0.6
 0.2s 0.60nm 4.4mb
 S.D. = 0.6 on 5 of 5 obs.

* SEP 17, 1992 18h 39m 45.25 ± 0.70s
 44.115 N ± 5.8km 6.862 E ± 7.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG).

SBF 0.48 121 Pg 39 55.40 0.3
 Sg 40 02.70
 FRF 0.58 196 Pg 39 56.60 -0.3
 Sg 40 04.40
 LRG 0.75 209 Pg 39 59.50 -0.5
 Sg 40 10.40
 LMR 0.82 198 Pg 40 08.00 6.9X
 Sg 40 13.10
 CDR 0.91 241 eP 40 03.30 0.7
 e 40 14.20
 LPG 1.38 357 Pg 40 10.90 0.0
 LPL 1.40 356 Pg 40 10.80 -0.3
 S.D. = 0.6 on 6 of 7 obs.

* SEP 17, 1992 18h 48m 52.95s
 63.031 N 149.803 W
 DEPTH = 91.0km
 CENTRAL ALASKA (1)
 <AEIC>.

HUR 0.09 125 eP 49 05.69 1.5
 S 49 15.03
 TRF 0.48 333 iP 49 08.07 0.0
 iS 49 19.41
 RND 0.57 48 iP 49 08.43 -0.3
 eS 49 19.95
 KTH 0.73 317 eP 49 09.93 -0.2
 S 49 22.75
 MCK 0.81 29 eP 49 10.71 -0.2
 eS 49 23.19
 SKT 1.32 218 iP 49 16.30 -0.6
 S 49 34.57
 GHO 1.33 162 eP 49 17.07 0.0
 eS 49 36.13
 PWA 1.39 181 P 49 18.00 0.3
 SML 1.41 150 eP 49 17.79 -0.2
 PLRM 1.48 167 eP 49 18.60 -0.2
 PMR 1.48 167 eP 49 17.88 -0.9
 eS 49 37.16
 NEA 1.59 11 eP 49 20.06 -0.2
 SUA 1.63 196 iP 49 21.42 0.4
 WRH 1.63 27 iP 49 20.11 -0.8
 eS 49 39.70
 SCM 1.66 135 eP 49 20.99 -0.4
 KNK 1.74 158 eP 49 22.15 -0.2
 PMS 1.80 176 P 49 24.10 1.0
 CCB 1.85 28 eP 49 22.76 -0.9
 HDA 1.87 41 eP 49 23.31 -0.7
 TOA 1.92 117 P 49 25.10 0.4
 NCG 1.97 215 eP 49 25.00 -0.4
 PAX 1.98 90 eP 49 25.55 0.0
 eS 49 50.16
 CGLM 2.02 212 eP 49 25.24 -0.8
 SDG 2.02 103 eP 49 26.21 0.2
 FBA 2.08 24 P 49 26.20 -0.5
 SPU 2.14 211 eP 49 27.20 -0.4
 BGL 2.15 216 eP 49 27.16 -0.7
 CKL 2.19 214 eP 49 28.63 0.2
 PTE 2.21 170 eP 49 29.08 0.6
 GLM 2.23 27 eP 49 28.23 -0.7
 TZL 2.26 114 eP 49 29.05 -0.1
 BKG 2.28 212 eP 49 29.05 -0.6
 KLU 2.38 129 eP 49 29.80 -1.2

GLI 2.51 148 eP 49 31.07 -1.5
 VLZ 2.51 138 eP 49 31.43 -1.1
 SLKM 2.54 185 eP 49 33.10 0.0
 MPA 2.56 175 eP 49 32.89 -0.4
 DOT 2.66 74 eP 49 33.76 -1.0
 RDT 2.76 208 eP 49 36.80 0.7
 FID 2.78 144 eP 49 35.05 -1.2
 TTA 2.84 271 iPd 49 35.64 -1.5
 eS 50 05.93

REF 2.90 210 eP 49 36.84 -1.3
 RDW 2.93 211 eP 49 38.74 0.2
 RS2 2.94 210 eP 49 38.35 -0.3
 RSO 2.94 210 eP 49 39.12 0.5
 RS1 2.94 210 eP 49 39.39 0.7
 SEW 2.94 177 eP 49 36.98 -1.5
 RED 2.98 210 eP 49 39.10 0.0
 HIN 3.08 148 eP 49 40.11 -0.3
 GLB 3.23 117 eP 49 41.34 -1.1
 SVW 3.35 237 eP 49 42.51 -1.7
 IMA 3.48 333 eP 49 44.68 -1.3
 CNPM 3.59 192 eP 49 46.72 -0.7
 CROM 3.89 123 eP 49 50.79 -1.0
 TGL 4.01 122 eP 49 51.33 -2.0
 BALM 4.04 116 eP 49 51.95 -1.9
 AUH 4.08 207 eP 49 51.85 -2.4
 WAX 4.20 125 eP 49 54.05 -1.9
 CDD 4.52 206 eP 50 00.48 0.1
 59 obs. associated

* SEP 17, 1992 18h 57m 28.98 ± 0.99s
 4.261 S ± 13.0km 152.550 E ± 11.6km
 DEPTH = 80.3 ± 8.3 km
 4.6mb (2 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 0.39 280 iPd 57 42.00 0.0
 0.5s 1633.80nm
 iS 57 55.00
 PMG 7.40 226 eP 59 16.00 -0.4
 eS 00 41.00
 SVO 8.70 124 eP 59 39.00 4.8X
 HNR 8.96 125 eP 59 38.00 0.2
 ASPA 26.38 221 eP 03 01.50 1.7
 0.9s 7.10nm 4.2mb
 e 03 15.60
 MBL 35.94 239 eP 04 22.40 -1.4
 LZH 60.67 316 eP 07 35.00 0.6
 1.8s 27.00nm 5.1mb
 GUN 71.63 301 P 08 45.00 0.4
 DMN 72.22 301 P 08 48.40 0.4
 GKN 72.72 301 P 08 51.00 0.2
 GEC2 123.47 329 ePKP 16 17.30 -1.4
 0.5s 0.40nm
 BCAA 134.15 272 ePKPc 16 39.90 -0.2
 0.9s 9.00nm
 S.D. = 1.0 on 11 of 12 obs.

SEP 17, 1992 19h 48m 03.55 ± 0.71s
 6.714 N ± 4.7km 126.953 E ± 9.3km
 DEPTH = 95.0 ± 6.5 km
 4.9mb (9 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.66 335 iPc 48 32.00 0.1
 iS 48 50.00
 CGP 2.83 308 eP 48 47.00 -0.6
 eS 49 15.00
 MAP 4.64 321 iPc 49 16.40 3.8X
 PLP 4.83 336 ePd 49 15.80 0.5
 MNI 5.64 202 ePc 49 25.70 -0.9
 eS 50 29.00
 SWI 8.67 150 ePd 50 08.50 0.5
 PCI 10.38 223 ePc 50 32.20 1.0
 e 51 41.50
 NST 27.74 291 eP 53 47.00 1.7
 ASPA 30.95 168 iPc 54 13.20 -0.6
 0.4s 4.70nm 4.6mb
 XAN 31.90 331 P 54 20.50 -1.6
 0.8s 27.00nm 5.0mb
 CD2 32.43 321 eP 54 26.00 -0.7
 TIY 33.56 339 eP 54 35.50 -1.0
 BJI 34.56 345 eP 54 44.00 -1.0
 1.0s 11.00nm 4.7mb
 LZH 36.09 327 eP 54 59.00 0.8
 1.5s 59.00nm 5.3mb
 HHC 36.67 340 P 55 03.20 0.3
 1.0s 18.00nm 5.0mb

MRWA 37.25 196 eP 55 07.00 -0.7
 MDJ 37.82 3 eP 55 13.20 0.8
 MUN 39.82 194 eP 55 29.00 -0.1
 GTA 40.69 327 iPc 55 37.00 0.6
 1.0s 24.00nm 5.0mb
 BRS 42.12 145 eP 55 48.50 0.4
 HYB 48.38 287 eP 56 37.70 -0.4
 GBA 49.15 282 P 56 44.00 0.0
 WMO 50.45 324 P 56 53.50 -0.1
 1.0s 7.00nm 4.6mb
 KSH 56.10 314 P 57 36.20 0.7
 1.5s 70.00nm 5.5mb
 MAIO 67.91 306 iPc 58 53.80 -0.6
 GEC2 99.89 322 eP 01 39.20 0.1
 0.8s 0.56nm 4.2mb
 KIC 130.08 284 PKP 07 05.70 0.7
 S.D. = 0.8 on 26 of 27 obs.

& SEP 17, 1992 19h 52m 05.07s
 61.168 N 150.436 W
 DEPTH = 45.8km
 3.8mb (2 obs.)
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.8 (AEIC), 3.7
 (PMR). Felt (III) at Anchorage
 and Eagle River; (II) at Palmer
 and Wasilla.

SUA 0.33 334 iPd 52 13.94 -0.4
 eS 52 21.95
 PMS 0.43 79 P 52 15.10 -0.2
 PWA 0.55 29 P 52 16.20 -0.6
 NKA 0.58 223 ePd 52 18.25 1.1
 SLKM 0.67 171 iPc 52 17.62 -0.8
 eS 52 27.99
 PTE 0.75 113 iPc 52 18.84 -0.6
 eS 52 29.81
 PLRM 0.76 55 iPd 52 18.59 -0.9
 eS 52 29.98
 PMR 0.76 55 iPd 52 18.25 -1.3
 (S) 52 28.47
 CGLM 0.77 281 iPd 52 19.27 -0.6
 SPU 0.78 272 ePd 52 19.14 -0.8
 CRP 0.84 278 iPd 52 19.51 -1.3
 CKN 0.85 275 iPd 52 20.34 -0.5
 MPA 0.86 142 iPc 52 20.21 -0.7
 NCG 0.86 287 iPc 52 20.36 -0.8
 BKG 0.89 264 iPd 52 20.64 -0.8
 eS 52 33.85
 CKL 0.92 273 iPd 52 21.08 -0.8
 GH0 0.95 49 iPd 52 21.32 -0.9
 eS 52 34.72
 BGL 0.95 277 iPd 52 21.47 -0.8
 SKT 0.97 328 iPc 52 21.72 -0.8
 eS 52 35.38
 KNK 0.99 75 iPd 52 21.96 -0.8
 eS 52 35.54
 RDT 1.13 239 iPd 52 23.69 -1.1
 SEW 1.17 155 eP 52 23.72 -1.6
 SML 1.20 57 ePd 52 24.59 -1.1
 DFR 1.24 243 iPd 52 25.28 -1.1
 REF 1.30 239 iPd 52 26.51 -0.8
 RDN 1.32 241 iPd 52 26.20 -1.3
 eS 52 43.61
 RSO 1.34 239 iPd 52 26.80 -1.1
 eS 52 44.40
 RS2 1.34 239 iPd 52 26.83 -1.0
 RS1 1.34 239 iPd 52 26.87 -1.0
 RDW 1.35 240 iPd 52 26.95 -1.1
 NCT 1.36 245 iPd 52 27.15 -1.0
 eS 52 44.85
 RED 1.37 238 iPd 52 27.09 -1.1
 eS 52 45.26
 KNIM 1.56 121 ePd 52 28.40 -2.4
 SCM 1.63 65 iPd 52 30.53 -1.4
 GLI 1.65 99 iPd 52 29.79 -2.3
 eS 52 50.72
 CNPM 1.70 194 iPc 52 31.49 -1.2
 eS 52 53.28
 INW 1.73 231 iPd 52 34.20 0.9
 MTU 1.81 130 P 52 36.00 1.6
 HUR 1.86 11 eP 52 34.86 -0.1
 FID 1.98 101 ePd 52 33.60 -3.1
 VLZ 1.99 89 iPd 52 34.97 -1.9
 OPT 2.06 224 eP 52 37.41 -0.5
 HIN 2.08 110 eP 52 36.74 -1.4

KLU 2.20 80 iPd 52 37.93 -2.0
 TOA 2.24 63 P 52 39.50 -1.0
 TRF 2.29 2 eP 52 41.18 -0.2
 PDB 2.32 235 eP 52 40.66 -0.9
 AUE 2.33 220 eP 52 40.95 -0.7
 AUP 2.34 221 eP 52 41.66 -0.3
 AUH 2.35 221 eP 52 42.78 0.7
 AUW 2.35 221 eP 52 41.80 -0.2
 RND 2.37 18 eP 52 42.03 -0.3
 AUI 2.37 220 eP 52 42.83 0.6
 KTH 2.40 355 eP 52 42.57 -0.3
 SVW 2.52 271 eP 52 42.07 -2.4
 TZL 2.55 68 eP 52 43.32 -1.6
 SGAM 2.65 102 P 52 48.70 2.4
 MCK 2.67 15 eP 52 47.24 0.6
 MID 2.68 129 e(P) 52 46.40 -0.4
 SDG 2.69 57 iPd 52 45.50 -1.4
 SYI 2.75 202 eP 52 46.74 -1.0
 CDD 2.76 217 iPc 52 46.88 -1.1
 MCNL 2.78 226 eP 52 47.32 -0.9
 RAGM 2.93 103 eP 52 46.64 -3.7
 PAX 2.96 50 eP 52 49.53 -1.2
 THY 3.14 42 eP 52 52.89 -0.5
 HMT 3.14 103 eP 52 49.31 -4.0
 TTA 3.17 306 eP 52 51.17 -2.5
 GLB 3.21 82 iPd 52 51.41 -2.9
 DDM 3.38 37 eP 52 57.16 0.5
 NEA 3.48 10 eP 52 56.80 -1.2
 WRH 3.49 17 ePc 52 57.38 -0.7
 CROM 3.58 93 ePd 52 56.24 -3.4
 KDC 3.59 198 eP 52 56.12 -3.4
 DJE 3.62 35 eP 52 59.43 -0.5
 HDA 3.62 25 eP 52 58.76 -1.3
 CCB 3.69 18 eP 52 59.58 -1.5
 TGL 3.73 93 eP 52 58.26 -3.5
 WAX 3.78 98 eP 52 58.35 -4.1
 SNH 3.87 102 eP 53 01.71 -1.9
 DOT 3.87 47 eP 53 01.60 -2.1
 MLY 3.88 358 eP 53 02.76 -1.1
 BALM 3.93 88 eP 53 01.04 -3.5
 FBA 3.93 17 ePnc 53 02.42 -2.1
 GLM 4.08 19 eP 53 05.28 -1.3
 YAH 4.34 97 eP 53 07.63 -2.8
 CTGM 4.43 89 ePc 53 08.40 -3.2
 IMA 5.13 345 ePn 53 18.24 -3.2
 YKA 16.84 70 eP 55 56.70 -2.0
 0.4s 1.70nm 3.5mb
 NB2 57.31 10 P 01 44.40 -5.6
 0.7s 1.10nm 4.0mb
 90 obs. associated

* SEP 17, 1992 21h 41m 20.14 ± 0.99s
 6.613 S ± 8.6km 154.468 E ± 7.8km
 DEPTH = 76.5 ± 9.2 km
 4.5mb (3 obs.)
 SOLOMON ISLANDS (193)

RAB 3.32 316 eP 42 10.00 -0.9
 HNR 6.11 118 eP 42 50.00 0.2
 eS 44 06.00
 FINC 6.57 270 eP 42 57.70 1.6
 LAT 7.42 269 eP 43 07.50 -0.4
 PMG 7.75 249 eP 43 12.00 -0.5
 eS 44 43.00
 CTA 15.59 210 eP 44 57.00 0.2
 RMO 20.50 195 eP 45 54.40 0.0
 0.9s 21.00nm 4.5mb
 ASPA 26.04 227 eP 46 47.00 -1.2
 1.3s 6.10nm 4.0mb
 CHG 60.26 296 eP 51 24.90 1.6
 GUN 74.47 301 P 52 53.10 0.3
 0.6s 42.00nm 5.5mb X
 PKI 74.78 301 P 52 54.32 -0.3
 0.7s 20.00nm 5.1mb
 KKN 74.95 301 P 52 55.08 -0.4
 0.7s 36.00nm 5.4mb X
 DMN 75.05 301 P 52 56.04 0.0
 0.7s 44.00nm 5.5mb X
 GKN 75.56 301 P 52 58.58 -0.2
 CNCB 132.01 120 ePKP 00 28.00 -0.2
 LPB 132.02 119 ePKP 00 19.00 -9.0X
 BAO 148.64 135 PKPc 01 02.70 5.5X
 S.D. = 0.9 on 15 of 17 obs.

% SEP 17, 1992 21h 42m 00.76 ± 0.90s
 44.026 N ± 7.1km 6.869 E ± 8.6km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.2 (LDG).
 SBF 0.44 111 Pg 42 09.80 0.0
 Sg 42 16.60
 FRF 0.49 199 Pg 42 10.60 -0.1
 Sg 42 18.70
 LRG 0.68 213 Pg 42 14.50 0.3
 Sg 42 25.30
 LMR 0.74 201 Pg 42 15.10 -0.1
 Sg 42 27.00
 LPL 1.49 356 Pg 42 27.80 0.0
 S.D. = 0.2 on 5 of 5 obs.

& SEP 17, 1992 22h 16m 16.40s
 60.035 N 140.496 W
 DEPTH = 12.2km
 5.4mb (68 obs.) 4.2Msz (14 obs.)
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 4.8 (AEIC), 4.8
 (PMR), 5.1 (PGC).

PCA 0.14 63 iPd 16 20.02 0.1
 eS 16 24.73
 BCPM 0.44 100 iPc 16 25.32 -0.1
 YKU 0.62 141 P 16 28.80 0.2
 PNL 0.67 123 iPd 16 28.49 -1.0
 YAH 0.71 298 iPc 16 29.13 -1.2
 eS 16 41.11
 WRG 0.77 271 ePc 16 29.90 -1.4
 eS 16 41.08
 CYK 1.00 274 iPc 16 33.84 -1.2
 eS 16 47.62
 HON 1.01 125 iPd 16 33.71 -1.6
 eS 16 46.96
 CTGM 1.02 336 iPc 16 34.42 -1.2
 SNH 1.18 278 iPc 16 36.54 -1.7
 WAX 1.25 291 iPc 16 37.59 -1.8
 BALM 1.36 319 iPc 16 39.41 -1.8
 TGL 1.37 303 iPc 16 39.71 -1.6
 CROM 1.50 300 iPc 16 41.42 -1.8
 HYT 1.68 61 P 16 46.40 0.5
 HMT 1.91 281 iPc 16 47.34 -1.6
 KAIM 1.97 269 eP 16 48.35 -1.6
 eS 17 14.70
 RAGM 2.12 281 eP 16 49.98 -2.1
 eS 17 16.01
 GLB 2.15 312 iPc 16 51.23 -1.4
 eS 17 18.31
 PLBC 2.17 104 P 16 52.50 -0.3
 SGAM 2.39 283 eP 16 54.37 -1.6
 HIN 3.02 280 eP 17 03.32 -1.5
 KLU 3.04 301 iPc 17 03.49 -1.7
 FID 3.06 286 ePc 17 03.63 -1.7
 VLZ 3.08 293 ePc 17 03.52 -2.1
 eS 17 41.03
 TZL 3.13 312 ePc 17 05.86 -0.6
 VZW 3.16 292 ePc 17 04.71 -2.2
 GLI 3.38 287 ePc 17 07.65 -2.3
 TOA 3.45 309 P 17 10.30 -0.7
 SDG 3.49 318 eP 17 10.82 -0.7
 KNIM 3.63 278 eP 17 10.52 -3.0
 PAX 3.79 323 ePc 17 14.47 -1.4
 SCM 3.79 301 ePc 17 13.68 -2.2
 DOT 4.00 337 ePc 17 17.88 -0.9
 SIT 4.03 136 eP 17 16.68 -2.5
 DWY 4.06 7 P 17 19.50 -0.1
 KNK 4.15 293 eP 17 18.48 -2.4
 SML 4.22 298 eP 17 19.97 -1.9
 PTE 4.31 285 ePc 17 20.27 -2.8
 MPA 4.44 280 ePc 17 21.40 -3.6
 GH0 4.47 297 eP 17 23.66 -1.8
 SEW 4.49 275 eP 17 21.61 -4.0
 PLRM 4.51 294 eP 17 23.75 -2.2
 PMR 4.51 294 ePn 17 24.21 -1.7
 PMS 4.62 289 P 17 25.20 -2.5
 DJE 4.69 331 P 17 28.20 -0.4
 SLKM 4.87 280 ePc 17 28.16 -2.9
 PWA 4.87 293 P 17 30.20 -0.9
 RND 5.22 314 eP 17 34.50 -1.6
 SUA 5.23 290 eP 17 30.97 -5.3
 HDA 5.32 328 eP 17 35.11 -2.4
 MCK 5.45 317 eP 17 36.04 -3.3
 CNPM 5.45 269 iPd 17 36.89 -2.5
 HOM 5.63 271 ePc 17 40.45 -1.4
 WRH 5.69 325 eP 17 40.11 -2.6
 XLV 5.71 269 eP 17 39.98 -3.0

[illegible]

18d 00h

GRG 1.03 292 ePg 29 45.78 0.7
iSg 29 59.86
S.D. = 0.8 on 6 of 6 obs.

SEP 18, 1992 01h 07m 01.72 ± 0.22s
24.084 N ± 4.1km 122.293 E ± 4.6km
DEPTH = 28.5km (5 depth phases)
5.1mb (66 obs.) 4.8MsZ (7 obs.)
TAIWAN REGION (243)
ML 4.7 (BJI).

OZH 3.48 285 iPnc 07 55.70 0.5
Z 15s 18.20um

CVP 6.36 184 ePd 08 35.00 -1.0
eS 09 10.00
e 09 49.00
08 44.50 -1.2

SSE 7.05 352 Pc 08 44.50 -1.2
0.5s 45.00nm 5.7mb
Z 20s 7.80um 3.4MsZ
N 12s 7.20um

MCO 8.27 258 eP 09 01.60 -1.2
NJ2 8.50 340 Pd 09 04.20 -1.6
N 12s 10.90um

WHN 9.55 314 Pc 09 21.00 0.6
Z 16s 10.70um
N 10s 5.90um
E 10s 3.46um

KAGJ 10.40 45 eP 09 43.80 11.8X
KUMJ 11.28 40 eP 09 47.90 3.8X
SHNJ 12.62 36 eP 10 08.70 6.6X
TIA 12.88 341 Pd 10 09.50 3.9X

Z 13s 30.00nm 5.3mb
N 12s 4.71um 4.7MsZ
E 12s 2.63um

PLP 13.10 168 ePc 10 07.50 -1.0
GYA 14.34 283 P 10 25.00 0.1
Z 15s 6.82um
N 10s 3.40um
E 10s 3.42um

DL2 14.79 358 Pc 10 34.00 3.4X
Z 13s 3.51um
N 12s 3.50um
E 11s 0.61um

XAN 15.32 313 P 10 39.00 1.4
1.0s 7.10nm 3.9mb X
Z 20s 6.25um 4.3MsZ
CGP 15.71 171 eP 10 47.00 4.3X
TIY 15.99 330 iPc 10 50.00 3.7X

1.2s 66.00nm 4.6mb
Z 15s 7.57um 4.9MsZ
N 13s 6.58um

BJI 16.73 343 eP 10 57.50 2.0
1.5s 34.00nm 4.3mb
Z 12s 4.53um 4.5MsZ
N 11s 3.34um

SNY 17.73 3 iPc 11 10.00 2.0
Z 14s 5.66um
N 12s 3.21um

CD2 17.78 297 P 11 09.20 0.3
1.4s 130.00nm 4.9mb
Z 15s 7.52um 4.3MsZ
eS 14 31.20

KMI 17.81 277 Pc 11 12.50 3.0X
1.9s 70.00nm 4.5mb
Z 16s 6.00um 5.4MsZ
N 13s 5.80um
E 10s 5.30um

MAT 18.49 44 eP 11 22.00 4.5X
1.0s 10.00nm 3.9mb X
Z 19s 0.69um 4.6MsZ
eS 14 48.00

HHC 18.98 334 P 11 25.40 1.8
1.2s 110.00nm 5.0mb

Z 15s 8.03um 4.1MsZ
N 13s 4.71um
E 14s 2.25um

BTO 19.43 331 P 11 29.50 0.7
1.4s 79.00nm 4.8mb
N 12s 5.37um
E 11s 2.11um

CN2 19.84 7 P 11 32.00 -1.1
1.0s 18.00nm 4.3mb
Z 14s 6.48um 4.6MsZ
N 12s 3.35um
E 12s 2.27um

epP 11 39.00 27km
eS 11 42.00
eS 15 13.00

LZH 19.91 311 Pc 11 35.00 0.8
1.6s 190.00nm 5.2mb
Z 16s 4.78um 3.7MsZ
N 10s 1.44um

pP 11 42.50 29km
sP 11 46.00
PP 11 55.00
eS 15 15.00
sS 15 25.00

VLA 20.57 20 eP 11 47.00 6.2X
2.2s 180.00nm 5.1mb
e 12 10.00 120kmX
e 15 46.00

MDJ 21.33 14 eP 11 47.50 -1.1
Z 13s 4.75um 5.1MsZ
N 12s 2.35um
E 12s 2.00um

CHG 22.34 261 eP 12 00.60 1.7
1.4s 75.58nm 5.0mb
GTA 24.38 314 iPc 12 19.60 0.9

1.5s 72.00nm 5.0mb
Z 16s 4.17um 5.0MsZ
E 13s 6.09um

pP 12 29.50 36km
sP 12 35.00
PP 12 51.50
PcP 15 58.50
sS 16 47.00

ScP 19 36.00
ScS 23 21.00
LSA 28.28 288 eP 12 56.40 1.0

E 11s 1.42um
CIT 28.66 349 eP 12 56.50 -1.5
Z 14s 5.75um 5.3MsZ
ZAK 30.12 335 iPc 13 09.70 -1.4

1.1s 26.00nm 5.0mb
Z 15s 4.68um 5.2MsZ
N 15s 2.40um

IRK 31.31 339 ePc 13 20.20 -1.4
1.4s 66.00nm 5.3mb
Z 13s 4.15um 5.3MsZ
N 12s 3.03um

E 12s 1.33um
MOY 32.04 335 ePc 13 26.90 -1.0
1.4s 76.00nm 5.4mb

GUN 32.87 285 P 13 35.74 -0.2
PKI 33.30 284 P 13 39.90 0.3
KKK 33.41 284 P 13 40.26 -0.1
DMN 33.57 284 P 13 38.86 -3.0

GKN 33.97 285 P 13 44.80 -0.4
BOD 34.24 352 eP 13 44.80 -2.1
WMO 34.46 313 iPc 13 49.50 0.4

1.5s 25.00nm 4.9mb
Z 14s 1.88um 5.0MsZ
N 10s 1.06um

HYB 41.31 269 eP 14 47.50 0.8
KSH 41.79 303 eP 14 53.00 2.5
1.5s 70.00nm 5.2mb
Z 16s 2.39um 5.2MsZ
N 10s 0.60um
E 11s 0.71um

GBA 43.55 264 P 15 05.80 0.8
OIS 47.47 158 eP 15 36.00 -0.1
0.3s 2.00nm 4.6mb
ASPA 48.78 166 iPd 15 46.20 -0.1

1.1s 16.10nm 5.0mb
eS 22 45.00
NR1 49.68 345 eP 15 50.00 -2.6
1.8s 26.00nm 5.0mb

CTA 49.72 150 iPd 15 54.50 0.9
1.0s 7.50nm 4.7mb
eS 23 15.00

WARB 50.15 175 eP 15 56.00 -0.7
SVE 54.72 324 iPc 16 30.00 -0.6
2.0s 60.00nm 5.3mb
Z 15s 1.50um 5.2MsZ
N 15s 0.50um
E 15s 1.00um

MAIO 54.78 298 iPc 16 32.20 0.7
eS 24 24.00
ASH 55.54 301 eP 16 37.70 0.9
ARU 55.77 323 iPc 16 37.00 -1.2

2.0s 100.00nm 5.5mb
RMO 56.41 151 eP 16 43.10 0.0
KAT 57.04 302 eP 16 49.00 1.4

Z 14s 0.80um 5.0MsZ
E 14s 1.00um
eS 24 56.00

TAB 64.91 302 eP 17 42.00 0.9
TTA 65.09 30 eP 17 41.71 0.0
e 18 28.81 201kmX

PYA 66.16 309 iP 17 48.00 -0.8
KIV 66.44 309 iP 17 51.00 0.3
Z 15s 0.55um 4.9MsZ

APA 67.60 335 eP 17 56.40 -1.2
FBA 68.43 27 eP 18 03.09 0.3
0.7s 2.33nm 4.4mb

KEV 69.45 338 eP 18 08.00 -0.9
KLU 69.98 31 eP 18 11.68 -0.7
ANN 70.00 311 eP 18 11.00 -1.7

1.5s 130.00nm 5.8mb
MBC 73.14 13 ePc 18 29.80 -1.2
0.4s 8.00nm 5.1mb

HRI 74.48 300 iPc 18 40.30 0.6
KIS 75.02 315 eP 18 41.00 -1.3
Z 20s 0.60um 4.9MsZ

DSI 75.32 298 iPc 18 45.00 0.6
CSS 75.81 302 eP 18 47.30 0.1
SAGI 76.36 297 iPc 18 50.60 0.2

DAG 76.64 351 iPd 18 49.80 -1.2
0.8s 8.21nm 4.6mb
VRI 76.80 314 ePd 18 53.00 0.5

MLR 77.45 314 ePc 18 56.00 -0.2
HFS 78.15 331 eP 18 58.70 -0.9
0.4s 2.10nm 4.5mb
Z 16s 2.59um 5.7MsZ

LR 55 01.00
UZH 78.56 318 eP 19 01.50 -0.6
1.0s 25.00nm 5.2mb

NB2 78.78 332 P 19 02.40 -0.7
0.5s 5.80nm 4.9mb
OJC 79.40 320 iPd 19 07.00 0.3
SPC 79.57 319 e(P) 19 08.50 0.7

NKY	83.10	314	iPd	19	26.17	-0.2	MAF	91.30	323	eP	20	06.10	0.2	LOR	83.37	336	eP	10	18.40	0.1							
BRY	83.36	314	eP	19	26.44	-1.3		1.3s	20.95nm			5.3mb			0.9s	4.60nm			4.6mb								
KHC	83.49	321	P	19	28.60	0.4	TCF	91.45	323	eP	20	06.80	0.1	LBF	83.59	336	eP	10	20.00	0.5							
	1.3s	12.00nm				4.9mb		1.6s	32.35nm			5.5mb			0.9s	7.85nm			4.8mb								
Z	18s	0.70um				5.1Msz	LBFM	91.87	43	ePd	20	10.51	1.6	GRR	83.63	339	eP	10	19.60	0.0							
N	18s	0.40um					SES	92.15	31	eP	20	10.00	0.2	SSF	83.66	336	eP	10	20.40	0.6							
E	18s	0.50um					CAF	92.37	322	eP	20	11.60	0.7	SMF	83.94	336	eP	10	21.90	0.7							
GEC2	83.56	321	ePc	19	28.70	0.1		1.3s	33.95nm			5.6mb			0.8s	10.05nm			5.0mb								
	0.9s	10.75nm				5.0mb	RJF	92.44	323	eP	20	11.80	0.6	AVF	83.95	336	eP	10	21.50	0.3							
								1.3s	46.20nm			5.8mb			0.9s	8.50nm			4.9mb								
							Z	21s	0.15um			4.4Msz			0.7s	4.65nm			4.8mb								
HCY	83.59	314	iPd	19	27.70	-1.1	LPO	93.01	322	eP	20	14.40	0.6	LPL	84.06	333	eP	10	22.50	0.4							
MOX	83.83	323	eP	19	29.60	-0.2		1.6s	29.85nm			5.5mb		LPG	84.07	333	eP	10	22.50	0.2							
	1.6s	27.00nm				5.2mb	LFF	93.10	323	eP	20	14.90	0.7		0.7s	4.95nm			4.8mb								
Z	17s	0.90um				5.2MszX	LRM	94.52	35	eP	20	21.90	0.8	MAF	84.69	336	eP	10	25.50	0.5							
N	17s	0.60um					TNP	96.70	43	(P)	20	32.10	0.9		0.8s	7.40nm			4.9mb								
E	17s	0.40um					ZOBO	167.52	54	PKP	27	09.10	1.6	TCF	84.73	337	eP	10	24.90	-0.4							
WET	83.88	321	eP	19	30.50	0.3	LPB	167.70	54	ePKP	27	11.00	3.6X	LSF	84.96	337	eP	10	26.80	0.4							
GRF	84.54	322	ePd	19	34.80	1.4	CNCB	167.96	55	PKP	27	10.00	2.3	MFF	85.09	338	eP	10	27.30	0.3							
	1.5s	30.00nm				5.3mb		i	28	16.10				0.9s	9.00nm				5.0mb								
Z	20s	0.60um				5.0Msz	S.D. = 1.0 on 147 of 159 obs.												SBF	85.30	332	eP	10	27.50	-0.7		
BHG	84.60	320	eP	19	34.30	0.6	SEP 18, 1992 02h 34m 25.51±3.12s														PGF	85.92	331	eP	10	30.70	-0.6
KBA	84.64	320	iPc	19	33.60	-0.6	44.833 N ± 7.7km 6.709 E ± 23.6km															0.7s	2.20nm			4.5mb	
	1.4s	17.70nm				5.1mb	DEPTH = 5.0km (geophysicist)														CAF	86.02	336	eP	10	32.50	0.8
							FRANCE (538)															0.8s	7.40nm			5.0mb	
							ML 1.9 (GEN).														LMR	86.08	333	eP	10	31.90	0.0
FVI	85.22	319	P	19	36.40	-0.4	RRL	0.10	31	P	34	28.29	0.4	LFF	86.38	337	eP	10	34.20	0.8							
FUR	85.30	321	eP	19	38.10	0.8			S		34	29.93			0.8s	8.60nm			5.0mb	LPO	86.49	337	eP	10	34.70	0.7	
WTTA	85.55	320	iPc	19	38.50	-0.3	BHB	0.39	88	P	34	33.11	-0.3		0.6s	3.25nm			4.7mb								
	1.0s	15.80nm				5.2mb			S		34	38.03		BAO	148.55	30	e(PKP)	17	38.00	2.9X							
TDS	86.33	312	Pc	19	43.30	0.8	PZZ	0.43	139	P	34	34.24	0.1	S.D. = 0.8 on 40 of 43 obs.													
ASS	87.07	316	P	19	46.60	0.4			S		34	40.19		? SEP 18, 1992 03h 03m 15.17±0.95s													
PGD	87.25	317	Pc	19	48.50	1.4	RSP	0.50	50	P	34	36.19	0.6	38.987 N ± 9.3km 29.574 E ± 8.7km													
WLF	87.32	324	P	19	47.00	-0.1			S		34	41.83		DEPTH = 10.0km (geophysicist)													
CDF	87.42	323	eP	19	47.90	0.2	LSD	0.70	27	P	34	38.85	-0.7	TURKEY (366)													
	1.6s	51.60nm				5.5mb			S		34	48.19			ALT	0.42	81	ePg	03	23.70	-0.1						
GMW	87.85	38	eP	19	50.38	0.7	S.D. = 0.7 on 5 of 5 obs.																				
DOU	87.89	325	P	19	50.60	0.8	SEP 18, 1992 02h 57m 53.50±0.46s														KHL	0.66	183	iPg	03	28.50	0.0
BSF	88.01	323	eP	19	50.30	-0.3	44.285 N ± 9.9km 147.522 E ± 8.5km																				
	1.2s	8.95nm				5.0mb	DEPTH = 33.0km (normal)														DST	0.96	310	iPn	03	32.70	-0.8
HAU	88.16	323	eP	19	51.00	-0.2	4.8mb (24 obs.)														KCT	1.57	324	iPn	03	44.00	0.8
	1.5s	23.50nm				5.3mb	KURIL ISLANDS (221)														S.D. = 1.1 on 4 of 4 obs.						
Z	20s	0.15um				4.4Msz	KUSJ	2.36	241	eP	58	32.00	1.3	& SEP 18, 1992 03h 32m 29.70s													
BMW	88.19	39	ePc	19	52.71	1.2			eS		58	57.00		59.906 N 140.517 W													
RMW	88.45	38	iPc	19	54.19	1.5	ASAJ	3.51	269	eP	58	52.70	5.6X	DEPTH = 15.0km (geophysicist)													
PCP	88.83	319	P	19	53.39	-1.2	MRRJ	5.06	251	eP	59	13.20	4.2X	SOUTHEASTERN ALASKA (19)													
LON	88.85	38	ePc	19	55.51	0.9			eS		00	09.00		<PGC-P>. ML 2.4 (PGC), 2.6													
SHW	88.92	39	eP	19	57.13	2.1	AOMJ	6.47	237	P	59	29.80	1.0	(AEIC).													
LSD	89.14	320	P	19	56.67	0.4			eS		00	40.00		YAH	0.77	307	P	32	44.50	0.1							
FIN	89.21	319	P	19	55.44	-0.9	OFUJ	6.80	222	eP	59	32.10	-1.4			S					WRG	0.77	281	P	32	44.50	0.2
RSP	89.25	320	P	19	57.39	0.7			S		00	42.60		CYK	1.00	281	P	32	48.20	0.0							
LPG	89.35	321	eP	19	57.40	0.1	LZH	34.02	271	eP	04	37.00	0.4			S											
	0.8s	13.15nm				5.3mb			1.2s	23.00nm			5.0mb		CTGM	1.14	339	P	32	48.70	-1.9						
LPL	89.35	321	eP	19	57.30	0.0	FBA	40.51	36	ePc	05	30.53	0.1	SNH	1.20	284	P	32	51.70	0.1							
	1.0s	17.60nm				5.3mb			0.5s	2.01nm			4.1mb		WAX	1.29	296	P	32	52.20	-0.9						
ROB	89.37	319	P	19	56.36	-0.8	KLU	41.62	42	(P)	05	39.92	0.2			S											
BHB	89.42	320	P	19	57.18	-0.1	BALM	43.40	42	eP	05	54.60	0.3			S											
IMI	89.57	319	P	19	57.49	-0.6	CHG	47.69	254	eP	06	29.00	0.1			S											
PGF	89.64	317	eP	19	58.50	0.0	HYB	63.06	268	eP	08	19.00	-0.9			S											
	0.9s	15.05nm				5.3mb	SES	63.67	44	eP	08	23.00	-0.6			S											
RRL	89.66	320	P	19	58.21	-0.5	GBA	66.39	266	P	08	39.90	-1.6			S											
ENR	89.67	319	P	19	57.59	-1.0	HFS	69.30	337	eP	08	57.00	-2.0			S											
PZZ	89.71	320	P	19	56.36	-2.5			0.3s	0.80nm			4.3mb				S										
STV	89.72	319	P	19	56.36	-2.5	SRU	71.25	53	eP	09	10.76	-0.8			S											
SBF	89.87	319	eP	19	58.90	-0.6	RSSD	71.39	46	ePc	09	11.47	-0.9			S											
	0.8s	12.65nm				5.2mb			0.7s	2.60nm			4.4mb				S										
LOR	89.96	323	eP	19	59.20	-0.6	PV10	72.60	53	eP	09	19.80	0.1			S											
	1.2s	12.20nm				5.0mb	ALO	76.47	54	eP	09	44.00	2.1			S											
Z	21s	0.17um				4.5Msz			0.9s	2.73nm			4.3mb				S										
LBF	90.06	323	eP	19	59.80	-0.5	CLL	76.96	333	iPd	09	43.30	-0.7			S											
	1.3s	28.15nm				5.4mb	PRU	77.56	331	eP	09	47.30	-0.1			S											
VGB	90.14	39	eP	20	01.99	1.3	GEC2	78.82	331	ePc	09	53.80	-0.7			S											
DPW	90.17	36	iPc	20	02.04	1.2			e		09	55.40				S											
SSF	90.27	323	eP	20	09.00	7.8X			e		09	57.10				S											
	1.3s	13.70nm				5.1mb			e		10	11.20				S											
SMF	90.34	323	eP	20	01.40	-0.1			e		10	57.10				S											
	1.4s	36.15nm				5.5mb			e		09	55.20	0.2			S											
NEW	90.51	35	ePd	20	03.50	1.2	GRF	78.94	333	iPc	09	55.20	0.2			S											
	1.0s	36.00nm				5.6mb			e		10	57.10				S											
FRF	90.51	319	eP	20	02.00	-0.4			e		10	57.10				S											

18d 04h

THE	0.40	272	eSg	21	16.98	
			ePg	21	16.66	-0.2
			eSg	21	22.06	
OUR	0.47	127	ePg	21	18.70	0.3
			eSg	21	25.22	
SRS	0.50	9	ePg	21	18.70	-0.3
			iSg	21	26.06	
KNT	0.70	321	ePg	21	22.54	-0.1
			eSg	21	31.94	
PAIG	0.71	168	iPg	21	22.38	-0.3
			iSg	21	33.46	
GRG	0.89	293	ePg	21	26.22	0.4
			eSg	21	38.78	

S.D. = 0.3 on 7 of 7 obs.

SEP 18, 1992 04h 58m 19.99±0.75s
 18.066 N ± 9.6km 101.422 W ± 6.2km
 DEPTH = 71.0 ± 7.3 km
 4.0mb (7 obs.)

GUERRERO, MEXICO (59)

MRX	1.64	8	iP	58	47.00	-0.3
			iS	59	06.00	
III	1.88	80	iP	58	50.50	-0.3
			iS	59	14.00	
ACX	1.91	128	iP	58	51.00	0.0
			iS	59	12.00	
COLM	2.42	298	iP	58	57.50	-0.7
			iS	59	26.50	
UNM	2.47	59	iP	58	58.70	-0.3
			(S)	59	29.50	
CGX	2.53	310	iP	59	00.00	0.3
			(S)	59	34.00	
IIT	3.10	72	iP	59	07.50	-0.4
			iS	59	43.00	
AGX	3.88	348	(P)	59	19.00	0.5
IISM	3.95	76	iP	59	19.50	0.1
OXX	4.59	102	iP	59	29.50	0.8
ALO	17.40	346	eP	02	21.31	1.6
			1.1s	5.89nm	3.7mb	
GLA	19.18	324	eP	02	39.56	-1.3
PEC	21.14	321	eP	03	00.32	-0.7
			0.9s	6.73nm	4.0mb	
PV10	21.30	343	eP	03	02.70	-0.3
GOL	21.83	352	eP	03	07.96	-0.3
			0.5s	4.54nm	4.1mb	
ARUT	22.29	334	eP	03	13.57	0.9
SRU	22.41	341	eP	03	12.05	-1.9
MSU	22.43	337	eP	03	14.13	0.0
TPNV	22.90	328	eP	03	20.29	1.7
			0.4s	3.57nm	4.2mb	
ABL	23.03	320	eP	03	20.96	1.0
DUG	24.15	338	eP	03	31.70	1.0
TNP	24.26	328	(P)	03	32.06	0.2
			0.6s	3.46nm	4.0mb	
BONR	24.72	327	(P)	03	36.55	0.2
BW06	25.58	346	eP	03	43.50	-0.9
			0.9s	8.05nm	4.2mb	
RSSD	26.07	356	eP	03	49.50	0.7
			0.6s	2.57nm	3.9mb	
LRM	29.16	344	eP	04	16.20	-0.6
NEW	32.73	340	eP	04	46.90	-1.0

S.D. = 0.9 on 27 of 27 obs.

? SEP 18, 1992 05h 03m 43.42±5.82s
 39.937 N ± 37.2km 19.651 E ± 40.5km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 ML 2.0 (TIR).

SRN	0.27	102	iPg	03	47.30	-1.9
			iSg	03	51.10	
VLO	0.54	347	ePg	03	54.00	-0.4
BERA	0.80	17	ePg	03	57.90	-1.0
TIR	1.42	7	ePn	04	10.00	0.8
OHR	1.46	36	ePn	04	04.30	-5.6X
FNA	1.57	57	eP	04	11.94	0.6
			eS	04	34.18	
LIT	2.19	85	eP	04	22.50	2.1
			eS	04	50.10	
AGG	2.27	113	eP	04	26.10	4.6X
			iS	04	58.40	
SKO	2.44	33	ePn	04	27.00	3.0X
VAY	2.62	57	ePn	04	18.50	-7.9X
PAIG	3.10	89	eP	04	33.06	-0.2

S.D. = 1.6 on 7 of 11 obs.

% SEP 18, 1992 05h 31m 41.59±1.09s
 36.727 N ± 12.9km 4.350 W ± 7.2km
 DEPTH = 33.0km (normal)
 STRAIT OF GIBRALTAR (385)
 mbLg 2.9 (MDD).

EGUA	0.64	80	iPg	31	54.15	0.0
			eSg	32	03.20	
EPRU	0.75	289	ePg	31	56.00	0.3
			eSg	32	06.90	
ECOG	0.83	49	ePg	31	58.47	1.5
			eSg	32	09.90	
ELUQ	0.84	5	iPg	31	58.31	1.3
			eSg	32	10.20	
EJIF	0.94	253	ePg	31	58.45	0.0
			eSg	32	09.40	
EHOR	1.31	327	iPnc	32	02.81	-0.8
			eSn	32	20.60	
EBAN	1.50	17	iPnc	32	06.35	-0.2
			eSn	32	26.10	
EHUE	1.77	52	iPnc	32	09.98	-0.5
			eSn	32	32.40	
EVIA	2.41	37	iPnd	32	18.11	-1.5
			eSn	32	47.00	

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

% SEP 18, 1992 05h 34m 31.72±0.64s
 43.067 N ± 6.3km 0.652 W ± 4.7km
 DEPTH = 5.0km (geophysicist)
 PYRENEES (378)
 ML 1.0 (STR).

ATE	0.04	298	Pg	34	32.98	-0.1
ESCF	0.06	78	Pg	34	33.30	0.0
			Sg	34	34.59	
ISSF	0.11	250	Pg	34	34.23	0.0
			Sg	34	36.25	
MADF	0.15	303	Pg	34	34.80	0.1
			Sg	34	36.98	
LHE	0.16	172	Pg	34	34.99	0.0
			Sg	34	37.33	
OGE	0.17	52	Pg	34	35.21	0.0

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

* SEP 18, 1992 06h 00m 56.30±1.16s
 20.409 S ± 12.0km 177.872 W ± 12.1km
 DEPTH = 495.2 ± 10.4 km
 4.9mb (23 obs.)

FIJI ISLANDS REGION (181)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 7S, 9C

Centroid Location:

Origin Time 06:01: 3.2 3.5

Lot 20.24S 0.26 Lon 178.28W 0.23

Dep 511.6 6.8 Half-duration 1.0

Moment Tensor: Scale 10**16 Nm

Mrr=-4.50 1.59 Mtt= 2.77 1.20

Mff= 1.72 2.48 Mrt=-0.57 1.10

Mrf= 1.24 1.20 Mtf= 2.71 2.22

Principal Axes:

T Val= 5.02 Plg= 2 Azm=320

N -0.12 17 229

P -4.90 73 57

Best Double Couple: Mo=5.0*10**16

NP1: Strike= 67 Dip=45 Slip= -66

NP2: 214 49 -112

SVA	4.15	303	ePc	02	16.60	0.3
			eS	03	20.20	
VUN	4.21	304	iPc	02	16.20	-0.6
			eS	02	24.40	
DZM	14.72	261	iPc	04	05.60	1.3
BRS	27.68	250	iPc	06	05.90	0.6
			1.0s	17.00nm	4.5mb	
ARMA	29.22	244	iPd	06	19.60	0.8
			0.7s	29.00nm	4.9mb	
RMO	31.15	252	iPd	06	36.30	1.0
			0.6s	43.00nm	5.1mb	
CNB	32.38	236	iPc	06	46.90	1.3
			1.0s	156.00nm	5.5mb	
CAN	32.66	236	iPd	06	48.40	0.4
BWA	32.85	238	iPd	06	47.90	-1.7
CTA	33.62	264	iPd	06	57.00	0.9
			0.7s	51.37nm	5.2mb	
			i	07	05.00	
			i	09	22.50	

CMS	34.31	244	iPc	07	02.10	0.3
	0.6s		32.00nm			5.0mb
PMG	35.44	283	eP	07	12.00	0.6
TOO	36.05	234	iPd	07	17.00	0.7
	0.8s		164.00nm			5.6mb
STK	37.94	244	P	07	33.20	1.4
QIS	39.75	262	eP	07	46.10	-0.6
	0.5s		5.00nm			4.3mb
ASPA	44.66	257	iPd	08	25.60	-0.2
	1.0s		100.80nm			5.3mb
			i	09	57.60	
			ePcS	13	50.60	
			iS	14	26.70	
WRA	44.73	262	P	08	25.60	-0.7
	0.6s		7.30nm			4.4mb
MTN	49.28	270	iPc	09	00.10	-1.0
FORT	49.44	247	eP	09	01.00	-1.1
	0.5s		30.00nm			5.0mb
KNA	50.76	266	eP	09	11.20	-0.8
WARB	50.97	252	iPd	09	12.20	-1.2
	0.4s		21.00nm			4.9mb
COOL	55.37	246	iPc	09	44.00	-1.0
MBL	57.90	257	iPd	10	01.20	-1.2
	0.4s		38.00nm			5.1mb
MEEK	58.06	251	iPc	10	02.30	-1.2
	0.4s		22.00nm			4.9mb
KLB	58.20	245	iPc	10	03.80	-0.5
MUN	59.47	244	iPc	10	12.60	-0.3
	0.8s		56.00nm			5.0mb
MRWA	59.99	247	iPc	10	15.60	-0.8
	0.5s		23.00nm			4.9mb
NANU	61.54	255	eP	10	26.10	-0.5
	0.6s		155.00nm			5.7mb
SPA	69.72	180	iPc	11	17.40	0.2
	0.9s		8.18nm			4.3mb
MDJ	80.51	325	Pd	12	17.50	0.5
MAW	81.69	200	P	12	23.70	0.9
WHN	82.49	306	eP	12	26.00	-1.4
TUC	82.83	52	eP	12	29.01	-0.2
	1.2s		3.32nm			3.8mb
SNG	84.59	280	eP	12	40.20	2.0
GVA	86.71	300	iPd	12	48.80	0.4
	1.0s		9.60nm			4.5mb
ALO	87.25	51	eP	12	52.10	1.2
TIY	87.31	312	eP	12	51.00	0.1
FBA	88.13	12	eP	12	51.57	-2.5
	0.6s		3.18nm			4.3mb
XAN	88.17	307	P	12	55.50	0.5
	0.8s		19.00nm			5.0mb
NVL	88.82	183	eP	12	56.00	-1.3
	0.9s		11.00nm			4.7mb
			eLQ	25	42.00	
CHG	90.33	290	iPd	13	06.70	1.0
	1.0s		31.25nm			5.2mb
EKA	144.90	5	PKP	19	36.00	-1.3
	0.7s		3.70nm			
HRI	147.54	300	ePKP	19	45.50	3.0X
KSP	147.64	343	iPKPd	19	44.20	2.3
CLL	148.00	347	iPKPd	19	45.20	2.7X
	1.1s		30.00nm			
			e	19	49.00	
JVI	148.17	298	ePKP	19	47.00	3.5X
BRG	148.20	346	iPKP	19	45.90	3.1X
	0.9s		20.00nm			
			i	19	50.40	
MLR	148.21	327	ePKPc	19	45.50	2.3
PRNI	148.79	295	ePKP	19	48.60	4.2X
PRU	148.88	344	PKP	19	47.50	3.6X
	0.8s		8.70nm			
			e	19	52.90	
MOX	148.91	348	ePKP	19	47.50	3.6X
	1.5s		24.00nm			
PSZ	149.02	336	e(PKP)	19	48.20	3.9X
GRF	149.90	348	ePKPc	19	50.70	5.2X
GEC2	150.15	345	ePKPd	19	45.10	-0.9
	1.0s		0.90nm			
GEC2	150.15	345	ePKPd	19	50.50	4.5X
	0.9s		8.93nm			
			e	19	55.20	
			e	19	58.90	
DOU	150.31	357	PKPc	19	51.10	5.1X
WLF	150.63	355	PKP	19	52.00	5.5X
KBA	151.87	344	iPKPc	19	53.90	5.2X
	1.2s		25.60nm			
			i	20	07.10	
			i	20	30.40	

BCAO 157.48 227 iPKPc 19 56.70 -0.2
0.5s 5.00nm
ic 20 31.40
S.D. = 1.1 on 46 of 59 obs.

? SEP 18, 1992 06h 58m 30.97 ± 0.64s
3.587 N ± 35.8km 82.784 W ± 54.6km
DEPTH = 33.0km (normal)
4.7mb (5 obs.)

SOUTH OF PANAMA (83)

ZOBO 24.49 144 P 03 48.10 -1.2
1.2s 24.32nm 4.6mb
Z 24s 0.19um 3.5MsZx

LPB 24.70 144 P 03 51.00 -0.1
CNCB 24.99 145 P 03 54.00 0.0
ALO 38.15 328 eP 05 50.00 0.7
1.1s 6.33nm 4.4mb

PV10 42.10 329 eP 06 22.50 0.5
SRU 43.42 328 eP 06 32.92 0.3
MSU 43.88 326 ePc 06 36.42 0.0
RSSD 44.52 338 eP 06 41.00 -0.5
1.5s 44.93nm 5.1mb

DAU 44.76 329 (P) 06 43.72 0.1
BW06 45.72 332 eP 06 49.10 -2.0
1.4s 14.30nm 4.7mb

HHA1 47.46 331 (P) 07 04.84 0.1
SES 52.38 338 eP 07 04.00 -1.2
MBC 75.39 352 eP 10 12.50 -0.2
1.5s 16.00nm 4.8mb

GKN 146.34 20 PKP 18 09.94 0.2
KKN 146.75 20 PKP 18 10.84 0.4
GUN 146.83 19 PKP 18 12.00 1.2
1.0s 48.00nm

DMN 146.86 20 PKP 18 11.74 1.1
PKI 147.00 19 PKP 18 11.72 0.7
S.D. = 0.9 on 18 of 18 obs.

& SEP 18, 1992 07h 08m 57.59s
60.566 N 145.487 W
DEPTH = 17.2km

SOUTHERN ALASKA (2)

<AEIC>. ML 3.4 (AEIC). 3.4
(PMR). Felt (III) at Cordova.

SGAM 0.15 115 iPc 09 01.67 -0.2
RAGM 0.44 114 iPc 09 06.20 -0.4
eS 09 13.79

FID 0.52 291 iPc 09 08.34 0.4
eS 09 17.46
HIN 0.53 252 ePd 09 07.38 -0.7
eS 09 15.90

HMT 0.65 110 iPc 09 09.34 -0.8
eS 09 19.43
VLZ 0.70 324 iPc 09 10.13 -0.8
eS 09 20.11

VZW 0.72 314 ePc 09 10.49 -0.9
KAIM 0.83 140 iPc 09 12.31 -0.9
eS 09 23.00

GLI 0.85 292 iPc 09 12.39 -1.1
KLU 0.95 347 iPc 09 14.31 -1.0
KNIM 1.14 260 iPd 09 16.66 -1.7
eS 09 32.11

CROM 1.17 80 iPc 09 17.70 -1.5
eS 09 33.43
GLB 1.20 42 iPd 09 17.73 -1.8
eS 09 33.24

MID 1.22 201 P 09 18.70 -1.0
MTU 1.22 243 ePd 09 18.20 -1.7
WAX 1.31 94 iPc 09 19.18 -1.9
eS 09 37.34

TGL 1.32 81 iPc 09 19.74 -1.6
eS 09 36.98
SNH 1.37 105 eP 09 20.43 -1.5
eS 09 39.98

TZL 1.48 1 ePd 09 23.26 -0.2
SCM 1.55 326 iPc 09 23.47 -1.1
eS 09 44.53

CYK 1.57 107 ePc 09 23.92 -0.8
TOA 1.58 348 P 09 24.50 -0.5
BALM 1.61 72 iPc 09 24.15 -1.3
eS 09 44.72

KNK 1.68 302 iPc 09 25.35 -1.0
PTE 1.76 281 iPc 09 26.22 -1.3
WRG 1.80 106 eP 09 27.15 -1.0

SML 1.86 313 ePc 09 27.79 -1.2
YAH 1.86 95 iPc 09 27.54 -1.7
MPA 1.92 269 ePc 09 27.85 -1.9
SDG 1.97 359 iPc 09 30.06 -0.5
eS 09 54.28

SEW 2.02 258 iPd 09 28.95 -2.4
PLRM 2.05 302 ePc 09 30.43 -1.2
PMR 2.05 302 iPc 09 30.12 -1.5
iLg 10 00.53

GHO 2.06 307 ePc 09 30.67 -1.3
CTGM 2.08 77 ePc 09 30.66 -1.6
PMS 2.10 291 P 09 31.20 -1.3
SLKM 2.34 271 iPd 09 33.66 -2.2

PWA 2.39 299 P 09 35.50 -1.1
PAX 2.41 0 eP 09 35.75 -1.2
SUA 2.71 292 ePc 09 39.31 -2.0
HUR 3.12 323 eP 09 45.25 -1.7

DOT 3.17 12 eP 09 47.39 -0.2
SKT 3.24 299 iPc 09 46.25 -2.5
RND 3.26 332 eP 09 48.30 -0.7
CGLM 3.27 286 ePc 09 46.38 -2.7

SPU 3.27 284 ePc 09 46.07 -3.1
CRP 3.33 285 ePn 09 47.93 -2.2
eLg 10 31.57
BKG 3.36 282 iPc 09 47.75 -2.6

NCG 3.36 287 iPc 09 47.53 -2.9
CKL 3.41 284 iPc 09 48.61 -2.5
RDT 3.42 273 ePd 09 48.07 -3.1
BGL 3.44 285 eP 09 48.97 -2.6

DFR 3.55 274 eP 09 49.74 -3.4
MCK 3.57 335 eP 09 52.66 -0.6
REF 3.57 272 ePn 09 50.91 -2.6
RDN 3.60 272 eP 09 50.78 -3.1

RSO 3.59 272 eP 09 52.82 -1.1
RS2 3.60 272 eP 09 51.30 -2.6
RS1 3.60 271 eP 09 52.51 -1.4
RED 3.61 271 eP 09 52.34 -1.6

RDW 3.62 272 eP 09 50.96 -3.3
TRF 3.67 324 eP 09 53.59 -1.4
NCT 3.67 273 eP 09 51.51 -3.4
HDA 3.91 351 eP 09 57.96 -0.2

WRH 4.10 344 eP 09 58.80 -2.0
CDD 4.44 252 eP 10 03.33 -2.4
FBA 4.48 347 ePn 10 02.89 -3.3
KDC 4.58 235 eP 10 05.20 -2.4

SVW 4.99 281 (Pn) 10 15.47 2.0
Lg 11 22.35
TTA 5.53 300 eP 10 20.60 -0.6
YKA 14.78 69 eP 12 38.00 10.8
0.7s 1.20nm
71 obs. associated

* SEP 18, 1992 07h 34m 15.34 ± 0.87s
22.810 S ± 12.0km 66.178 W ± 10.6km
DEPTH = 254.0 ± 8.5 km
4.5mb (2 obs.)

JUJUY PROVINCE, ARGENTINA (128)

YJA 0.89 45 iPd 34 52.20 1.1
S 35 10.00
ANT 4.00 256 iPc 35 18.90 -0.8
iS 36 06.00

CCH 5.40 0 P 35 37.60 0.6
S 36 37.50
CNCB 6.21 344 iPc 35 48.00 0.7
S 37 01.20

LPB 6.50 344 iPc 35 52.00 1.1
S 37 03.30
ZOBO 6.74 344 iPc 35 53.00 -0.3
S 37 10.50

ARE 8.06 321 eP 36 08.00 -2.4
iS 37 33.00
ITB1 10.95 102 e(P) 36 50.20 3.4X
ITB7 11.21 104 e(P) 36 57.80 7.7X

RSTA 15.81 100 eP 37 59.30 12.8X
VAO 17.70 94 iPc 38 06.00 -1.0
i 38 06.70
e 38 10.20

BAO 18.59 71 Pd 38 15.10 -1.1
e 38 18.70
e 38 23.00
e 38 33.50

BDF 18.65 71 P 38 08.90 -7.9X
BMA 20.31 94 eP 38 33.70 0.4
JFO 21.18 91 eP 38 33.80 -8.0X
PDCR 27.68 73 (P) 39 50.00 7.7X

FVM 64.62 339 eP 44 26.53 -1.3

- 0.5s 11.82nm 4.9mb
NVL 64.71 159 eP 44 28.00 0.0
e 58 48.00

LIC 66.35 72 P 44 38.20 -1.1
KIC 66.67 72 P 44 39.70 -1.6
ALQ 68.99 325 ePd 44 56.00 0.5
1.0s 5.00nm 4.2mb

MSU 74.70 324 eP 45 30.48 1.4
BUL 86.59 110 iPc 46 32.80 1.1
GBA 144.33 98 PKP 53 22.60 -0.7
GKN 153.17 73 PKP 53 39.88 2.9
KKN 153.75 73 PKP 53 38.52 0.7
S.D. = 1.4 on 20 of 26 obs.

* SEP 18, 1992 08h 09m 04.13 ± 1.03s
1.755 N ± 11.6km 128.250 E ± 13.3km
DEPTH = 107.2 ± 12.4 km
4.7mb (7 obs.)

HALMAHERA, INDONESIA (267)

TNE 1.32 224 iP 09 28.70 -0.2
iS 09 44.50
SWI 3.98 131 iPc 10 04.50 0.4
iS 10 50.00

QIS 24.81 154 iPd 14 17.90 0.1
0.3s 7.00nm 4.6mb
ASPA 25.86 168 eP 14 27.20 -0.4
0.7s 9.20nm 4.4mb

GYA 32.15 322 P 15 24.70 0.9
0.8s 1.30nm 3.7mb
XAN 36.85 333 Pc 16 03.00 -0.8
0.8s 14.00nm 4.9mb

CD2 37.12 324 P 16 06.00 -0.1
BJI 39.66 345 eP 16 26.00 -1.0
1.0s 22.00nm 4.9mb
LZH 40.96 329 Pc 16 39.00 1.0

1.6s 53.00nm 5.1mb
HHC 41.74 341 P 16 44.20 -0.1
LSA 44.88 312 Pc 17 11.00 0.7
GTA 45.56 329 P 17 14.80 -0.3
1.0s 14.00nm 4.7mb

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

% SEP 18, 1992 08h 57m 35.79 ± 0.81s
39.108 N ± 6.7km 27.636 E ± 8.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.77 203 iPg 57 50.80 0.0
iSg 58 02.80
DST 0.92 57 iPn 57 53.40 0.1
EZN 1.24 306 ePn 57 58.80 -0.1

EDC 1.25 8 ePn 57 59.00 0.0
BNT 1.27 10 ePn 57 59.60 0.3
KCT 1.27 26 iPn 57 59.00 -0.3
S.D. = 0.3 on 6 of 6 obs.

SEP 18, 1992 09h 30m 41.52 ± 0.31s
3.394 N ± 6.2km 83.044 W ± 6.4km
DEPTH = 14.9km (2 depth phases)
5.1mb (41 obs.) 4.5MsZ (13 obs.)

OFF COAST OF CENTRAL AMERICA (76)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 13S, 19C

Centroid Location:

Origin Time 09:30:45.7 0.4

Lat 3.38N FIX; Lon 83.05W FIX

Dep 15.0 FIX Half-duration 1.0

Moment Tensor: Scale 10⁻¹⁶ Nm

Mrr=-6.31 0.53 Mtt= 4.01 0.56

Mff= 2.30 0.98 Mrt= 0.00 0.00

Mrf= 0.00 0.00 Mtf=-0.64 0.38

Principal Axes:

T Vol= 4.22 Plg= 0 Azm=198

N 2.09 0 108

P -6.31 90 100

Best Double Couple: Mo=5.3*10⁻¹⁶

NP1: Strike=288 Dip=45 Slip=-90

NP2: 108 45 -90

MGP 21.34 46 P 35 30.40 0.0

PORP 21.69 47 P 35 34.00 0.0

LRS 21.70 46 P 35 35.00 0.9

APR 21.89 46 P 35 42.50 6.6X

CPD 22.21 48 P 35 40.50 1.3

ARE 22.79 150 eP 35 44.00 -1.3

18d 09h

ZOBO	24.49 143 iPc	36 02.80	0.7	PMR	75.81 333 P	42 40.00	11.5X	DMN	147.13 20 PKP	50 25.94	1.5
	1.2s 64.86nm		5.1mb		Z 21s 0.79um		5.0Msz		0.9s 66.00nm		
	Z 25s 1.39um		4.4Msz	KDC	76.26 329 eP	42 23.70	-7.3X	PKI	147.26 19 PKP	50 25.64	0.9
		S	40 30.00	FBA	76.42 337 eP	42 29.13	-2.8		0.9s 49.00nm		
		LR	43 50.00		1.4s 13.56nm		4.8mb	GYA	148.87 343 PKP	50 30.00	2.9X
LPB	24.70 144 Pc	36 05.00	1.1	REF	77.12 332 (P)	42 32.65	-3.5X		PKPab 50 35.00		
	1.8s 363.64nm		5.7mb	TIC	77.73 84 P	42 38.80	-1.3	KMI	151.10 349 ePKP	50 34.00	3.4X
	Z 18s 4.81um		5.0Msz	LIC	77.74 84 P	42 38.80	-1.4	HYB	152.48 41 ePKP	50 32.00	-0.5
		LR	43 20.00	KIC	78.02 84 P	42 40.40	-1.3		S.D. = 1.1 on 98 of 113 obs.		
CNCB	24.99 144 P	36 08.00	1.2	SVW	78.66 332 eP	42 43.50	-0.9				
CCH	26.54 142 eP	36 20.00	-1.0	MAL	78.87 53 eP	42 47.50	1.6				
PRM	30.54 1 eP	36 56.41	-0.2	TOL	79.39 50 iPc	42 49.40	0.6				
JSC	30.77 3 eP	36 58.20	-0.4		1.3s 76.92nm		5.6mb				
		ePcP	39 54.56	DAG	80.97 12 eP	42 54.50	-1.9				
LHS	31.00 4 eP	37 00.67	0.1	EKA	81.46 35 Pc	42 58.10	-1.3				
GBTN	32.13 358 eP	37 09.79	-0.8		1.1s 17.40nm		5.0mb				
UYO	32.41 342 iPc	37 13.00	0.0	GRR	82.28 42 eP	43 04.10	0.3				
CEH	32.54 6 eP	37 13.67	-0.5		1.2s 38.40nm		5.4mb				
	1.2s 23.51nm		5.0mb	FLN	82.55 41 eP	43 05.70	0.5				
	Z 21s 0.93um		4.5Msz		1.4s 58.40nm		5.5mb				
OLY	32.89 347 eP	37 17.12	0.0		Z 18s 0.10um		4.2Msz				
ELC	34.20 351 eP	37 28.00	-0.5	LDF	82.78 42 eP	43 06.70	0.3				
FVM	35.08 350 eP	37 35.72	-0.4		1.3s 48.40nm		5.5mb				
	1.0s 21.40nm		5.0mb	EPF	82.86 47 eP	43 07.80	0.8				
SLM	35.69 350 P	37 50.00	8.8X		1.6s 32.95nm		5.2mb				
	Z 22s 0.82um		4.4Msz	LPO	83.52 46 eP	43 10.60	0.3				
ALQ	38.18 328 eP	38 04.33	1.8		1.4s 25.70nm		5.2mb				
	1.3s 16.70nm		4.7mb	RJF	83.77 45 eP	43 12.00	0.4				
		ePcP	40 17.49		1.4s 27.90nm		5.3mb				
TUC	38.79 321 eP	38 08.58	1.0		Z 20s 0.08um		4.1Msz				
	1.4s 13.19nm		4.5mb	LSF	83.81 44 eP	43 11.70	0.0				
JFWS	39.87 352 eP	38 15.39	-0.9		1.3s 28.15nm		5.3mb				
	1.1s 18.20nm		4.7mb	CAF	84.15 45 eP	43 14.10	0.6				
GOL	41.42 334 eP	38 31.06	1.7		1.4s 17.00nm		5.1mb				
	1.2s 21.20nm		4.7mb	TCF	84.28 44 eP	43 14.20	0.1				
	Z 21s 0.66um		4.5Msz		1.1s 11.50nm		5.0mb				
RSNY	41.67 9 eP	38 29.53	-1.5	MAF	84.53 44 eP	43 15.60	0.2				
	0.8s 6.84nm		4.4mb		1.4s 27.00nm		5.3mb				
	Z 19s 0.65um		4.5Msz	BGF	84.73 44 eP	43 16.60	0.3				
GLA	41.88 318 eP	38 34.09	1.2		1.1s 31.25nm		5.5mb				
PV10	42.13 329 eP	38 36.79	1.6	AVF	85.08 43 eP	43 17.90	-0.1				
		ePcP	40 31.20		1.3s 26.35nm		5.3mb				
EEO	43.22 4 eP	38 45.50	1.9	SMF	85.41 44 eP	43 19.70	-0.1				
PLM	43.42 317 ePc	38 47.95	2.2		1.4s 40.10nm		5.4mb				
SRU	43.45 329 eP	38 46.41	0.5	DOU	85.90 40 P	43 21.10	-1.0				
MSU	43.90 327 eP	38 50.60	1.0	ENN	86.74 39 eP	43 26.50	0.3				
		ePcP	40 36.09		1.0s 22.00nm		5.3mb				
PEC	43.94 318 eP	38 48.55	-1.2		e	43 31.00	14km				
	1.4s 16.48nm		4.7mb	WLF	86.92 41 P	43 27.00	0.0				
EMUT	44.12 329 eP	38 52.23	0.8	HAU	87.09 42 eP	43 28.20	0.2				
RSSD	44.60 338 iPc	38 56.75	1.6		Z 20s 0.13um		4.3Msz				
	0.8s 10.25nm		4.8mb	WTS	87.26 38 eP	43 28.50	-0.2				
	Z 20s 0.27um		4.2Msz		1.0s 52.00nm		5.7mb				
		i	40 37.18 551kmx		e	43 33.50	16km				
DAU	44.79 329 eP	38 57.81	0.9	LMR	87.37 47 eP	43 29.90	0.5				
LMN	45.19 18 eP	39 04.00	4.4X		1.2s 11.30nm		5.0mb				
TPNV	45.22 322 (P)	38 59.63	-0.6	BSF	87.40 42 eP	43 29.40	-0.2				
	0.9s 9.95nm		4.8mb		1.2s 17.55nm		5.2mb				
BW06	45.77 333 eP	39 05.30	0.7	LPG	87.46 45 eP	43 29.90	-0.3				
	1.7s 23.74nm		4.9mb		1.7s 20.60nm		5.1mb				
		ePcP	40 41.79	FRF	87.46 47 eP	43 30.20	0.3				
ISA	45.85 319 P	39 20.00	14.9X		1.2s 17.25nm		5.2mb				
	Z 19s 0.56um		4.5Msz	CDF	87.70 42 eP	43 31.20	0.2				
HVU	46.58 329 eP	39 10.90	0.1		1.4s 19.60nm		5.2mb				
BCH	46.65 317 eP	39 11.47	0.0	CLL	91.16 39 eP	43 47.00	-0.1				
HHA1	47.50 331 eP	39 17.84	-0.2	KHC	91.79 41 eP	43 51.00	0.9				
ULM	47.94 349 eP	39 24.00	2.8X	BRG	91.80 39 e(P)	43 51.00	0.9				
LRM	49.45 333 eP	39 32.30	-1.0	GEC2	91.91 41 eP	43 49.90	-0.9				
ORV	50.08 321 eP	39 37.70	-0.3		1.1s 2.13nm		4.4mb				
JAO	50.61 6 eP	39 41.00	-0.7		e	44 06.40	57kmx				
LBFM	51.39 323 eP	39 47.89	-0.2	PRU	92.30 40 eP	43 52.00	-0.4				
SES	52.46 338 eP	39 56.00	0.1		Z 22s 0.30um		4.7Msz				
VGB	53.35 328 eP	40 00.58	-1.9	KSP	93.28 39 ePc	43 57.80	0.9				
NEW	53.40 332 ePd	40 02.90	0.1	SPA	93.37 180 eP	43 58.20	1.0				
	1.3s 39.62nm		5.2mb		1.3s 15.00nm		5.2mb				
DPW	53.63 331 eP	40 02.22	-2.3	PTJ	93.84 44 eP	44 12.50	12.8X				
		ePcP	41 10.32	WNO	132.27 9 ePKP	49 57.00	0.0				
RMW	55.15 329 eP	40 12.07	-3.7X	LZH	140.20 351 ePKP	50 09.50	-2.7				
MCW	56.47 329 eP	40 21.85	-3.3X	XAN	141.10 344 PKP	50 07.50	-6.2X				
		PcP	41 21.15	CD2	145.28 350 ePKP	50 19.60	-1.4				
YKA	63.45 344 eP	41 11.30	-1.4	GKN	146.61 20 PKP	50 24.38	0.9				
	1.1s 8.10nm		4.8mb		1.0s 106.00nm						
TOA	74.69 334 eP	42 21.30	-0.9	LSA	146.63 9 ePKP	50 21.40	-2.4				
HON	74.76 291 P	42 30.00	6.8X	KKN	147.02 19 PKP	50 25.50	1.3				
	Z 20s 0.47um		4.8Msz		0.9s 121.00nm						
MBC	75.55 352 eP	42 26.50	-0.2	GUN	147.10 18 PKP	50 26.14	1.6				
	1.0s 15.00nm		5.0mb		1.0s 120.00nm						

REF	0.45	351	iPc	48 23.99	-1.1
			S	48 23.80	
RDW	0.46	344	iPc	48 12.50	-0.8
			S	48 23.78	
RDN	0.48	348	iPc	48 12.72	-0.7
			S	48 24.20	
OPT	0.52	221	iPd	48 12.76	-0.7
			S	48 24.01	
RDT	0.54	8	iPc	48 12.89	-0.8
			S	48 25.07	
NCT	0.55	341	ePc	48 12.96	-0.9
			S	48 24.83	
DFR	0.55	354	iPc	48 13.14	-0.7
			S	48 25.46	
HOM	0.60	129	eP	48 13.77	-0.4
			S	48 26.22	
XLV	0.73	144	ePc	48 14.48	-0.8
			S	48 27.73	
AUL	0.80	214	ePd	48 15.20	-0.8
			S	48 29.48	
AUE	0.80	211	ePd	48 15.09	-0.9
AUP	0.81	213	ePd	48 15.40	-0.8
AUH	0.82	214	iPd	48 15.42	-0.9
AUW	0.82	215	iPd	48 15.45	-0.8
			S	48 29.36	
AUI	0.84	212	ePd	48 15.42	-1.0
			S	48 29.11	
PDB	0.86	253	iPd	48 15.83	-0.8
			S	48 29.72	
BRLK	0.89	108	ePc	48 16.17	-0.8
			S	48 30.98	
NKA	0.96	42	iPc	48 18.81	1.1
BKG	1.04	8	iPd	48 18.11	-0.6
			S	48 33.52	
CKL	1.16	5	iPd	48 19.43	-0.8
SPU	1.17	12	iPd	48 19.45	-0.8
			S	48 36.38	
CKN	1.20	9	eP	48 20.10	-0.5
BGL	1.23	4	iPd	48 20.32	-0.7
CRP	1.24	9	eP	48 20.22	-1.0
			S	48 37.42	
CDD	1.25	207	iPd	48 19.67	-1.4
MCNL	1.25	227	iPd	48 19.80	-1.3
			S	48 36.71	
SLKM	1.25	67	ePc	48 19.85	-1.4
CGLM	1.30	12	iPd	48 21.19	-0.6
NCG	1.38	8	eP	48 22.13	-0.7
SYI	1.44	176	iPd	48 22.41	-1.0
			S	48 41.56	
SEW	1.56	86	eP	48 23.21	-1.8
MPA	1.66	73	iPc	48 24.91	-1.3
SUA	1.68	31	iPd	48 26.10	-0.6
			S	48 47.79	
PMS	1.91	49	eP	48 28.45	-1.1
PTE	1.94	63	eP	48 28.40	-1.5
SKT	2.01	14	ePd	48 29.63	-1.3
PWA	2.08	38	eP	48 30.98	-0.8
PLRM	2.29	46	eP	48 32.52	-2.1
PMR	2.29	46	eP	48 32.00	-2.6
			S	48 58.14	
KDC	2.30	179	eP	48 32.08	-2.7
KNIM	2.43	81	eP	48 33.57	-2.9
KNK	2.44	54	ePd	48 34.49	-2.2
GHO	2.48	44	ePd	48 35.30	-2.0
SML	2.72	48	ePd	48 38.32	-2.2
GLI	2.83	70	ePc	48 39.97	-2.1
FID	3.10	74	eP	48 43.14	-2.5
SCM	3.12	53	ePc	48 43.85	-2.2
HUR	3.26	24	eP	48 47.21	-0.7
KLU	3.57	63	ePd	48 49.33	-2.8
TRF	3.59	17	eP	48 51.77	-0.7
TOA	3.73	54	eP	48 52.40	-2.0
RND	3.81	26	eP	48 53.97	-1.5
GLB	4.52	68	eP	49 02.65	-2.6
WRH	4.91	23	eP	49 08.02	-2.6
HDA	5.10	28	eP	49 10.89	-2.4
CCB	5.12	24	eP	49 11.00	-2.5
FBA	5.35	22	eP	49 13.35	-3.4

0.3s 7.39nm 4.4mb X
61 obs. associated

SEP 18, 1992 10h 50m 34.16± 0.26s
3.454 N ± 5.6km 82.916 W ± 4.7km
DEPTH = 18.4km (3 depth phases)
5.4mb (64 obs.) 4.8Msz (11 obs.)
SOUTH DF PANAMA (83)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 155, 21C
Centroid Location:
Origin Time 10:50:30.2 2.7
Lat 3.12N 0.19 Lon 82.62W 0.11
Dep 15.1 5.1 Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr=-5.96 1.20 Mtt= 5.14 0.54
Mff= 0.82 1.52 Mrt= 0.00 0.00
Mrf= 0.00 0.00 Mtf= 1.39 0.85
Principal Axes:
T Val= 5.55 Plg= 0 Azm=164
N 0.41 0 74
P -5.96 90 100
Best Double Couple: Mo=5.8*10**16
NP1: Strike=254 Dip=45 Slip=-90
NP2: 74 45 -90

OXX	19.16	316	(P)	55 02.00	2.4
IISM	20.93	319	(P)	55 19.50	1.1
ACX	21.32	310	(P)	55 24.00	1.6
PORP	21.56	47	P	55 28.80	4.0X
IIT	21.58	317	(P)	55 27.00	1.6
CLLP	21.62	47	P	55 29.40	4.0X
APR	21.75	46	P	55 33.60	6.9X
III	21.97	314	(P)	55 31.00	1.9
CPD	22.08	48	P	55 31.00	1.0
UNM	22.40	316	(P)	55 25.00	-8.5X
ARE	22.78	151	eP	55 39.00	1.7
MRX	24.06	314	(P)	55 51.00	1.6
ZOBO	24.46	144	iPc	55 53.80	-0.3
	1.8s	210.44nm		5.4mb	
Z	24s	1.74um		4.5MszX	
		S	00 20.00		
		LR	03 40.00		
LPB	24.67	144	P	55 57.50	1.6
	1.2s	306.25nm		5.8mb	
Z	19s	6.25um		5.1Msz	
		LR	05 06.00		
CNCB	24.96	144	eP	56 00.00	1.2
JSC	30.71	3	P	56 49.90	-0.3
GBTN	32.07	358	P	57 01.70	-0.5
UYO	32.39	342	iPc	57 04.50	-0.5
CEH	32.47	6	P	57 05.90	0.2
	1.0s	20.07nm		5.0mb	
Z	21s	1.09um		4.5MszX	
OLY	32.86	347	P	57 08.30	-0.8
NAV	33.76	3	P	57 17.00	0.1
FVM	35.05	350	P	57 26.80	-1.2
	1.0s	27.03nm		5.1mb	
SLM	35.65	350	P	57 40.00	6.9X
Z	19s	0.60um		4.4MszX	
LVNJ	37.91	10	P	57 52.90	0.9
ALO	38.19	328	P	57 55.60	0.8
	1.5s	44.60nm		5.0mb	
TBR	38.33	11	P	57 55.60	0.0
TUC	38.82	321	P	58 00.10	0.1
	1.6s	26.24nm		4.7mb	
JFWS	39.83	352	P	58 07.70	-0.4
	1.2s	42.26nm		5.0mb	
GOL	41.43	334	P	58 22.60	1.0
	1.3s	38.69nm		5.0mb	
Z	22s	1.01um		4.6Msz	
RSNY	41.59	9	P	58 22.70	0.2
	0.9s	13.74nm		4.7mb	
Z	19s	0.85um		4.6Msz	
PV10	42.15	329	P	58 28.20	0.7
BNH	42.24	12	P	58 28.20	0.3
EEO	43.15	4	ePc	58 37.40	2.2
SRU	43.47	328	P	58 37.80	-0.4
MSU	43.92	326	P	58 41.80	-0.1
EMUT	44.14	329	P	58 43.30	-0.4
RSSD	44.59	338	P	58 47.90	0.6
	0.7s	11.97nm		4.9mb	
Z	22s	0.70um		4.5MszX	
DAU	44.81	329	P	58 49.90	0.7
LMN	45.10	18	eP	58 54.50	3.5X
CBM	45.17	14	P	58 52.50	0.9
TPNV	45.26	322	P	58 53.40	0.8
Z	20s	2.46um		5.1Msz	
BW06	45.78	333	P	58 56.50	-0.3
	1.7s	46.97nm		5.2mb	
ISA	45.89	319	P	58 57.20	-0.3
	1.8s	52.05nm		5.2mb	
HVU	46.59	329	P	59 03.20	0.1
BCH	46.69	317	P	59 04.00	0.0

PTI	47.19	330	P	59 07.30	-0.5
HHA1	47.51	331	P	59 10.20	-0.1
LRM	49.45	333	eP	59 25.40	0.0
ORV	50.12	321	P	59 30.50	0.1
JAO	50.53	6	ePc	59 31.00	-2.3
LBFM	51.41	323	P	59 40.10	-0.4
SES	52.45	338	ePd	59 47.50	-0.5
	1.7s	139.00nm		5.6mb	
VGB	53.37	327	P	59 54.50	-0.3
NEW	53.40	332	P	59 54.00	-1.0
	1.2s	51.52nm		5.4mb	
DPW	53.64	331	P	59 55.60	-1.2
LON	54.71	328	P	00 03.90	-0.8
RMW	55.17	329	P	00 07.20	-0.8
BMW	55.30	327	P	00 08.70	-0.3
GMW	55.73	328	P	00 11.00	-1.0
MCW	56.48	329	P	00 16.90	-0.5
YKA	63.42	344	eP	01 03.00	-1.7
	1.1s	11.90nm		5.0mb	
SIT	67.49	332	P	01 40.00	9.1X
Z	20s	0.61um		4.8Msz	
BALM	72.58	334	P	02 01.20	-0.9
KLU	74.34	334	P	02 12.40	0.1
HON	74.86	291	P	02 30.00	14.1X
Z	20s	0.24um		4.5MszX	
MBC	75.51	352	eP	02 18.50	-0.1
	1.0s	35.00nm		5.4mb	
PMR	75.81	333	P	02 30.00	9.4X
Z	19s	0.74um		5.0Msz	
EZAM	76.00	48	eP	02 23.50	1.4
FBA	76.41	337	P	02 23.60	-0.4
	1.6s	30.58nm		5.1mb	
REF	77.13	332	P	02 28.20	-0.1
ERUA	77.18	47	iPc	02 29.00	0.3
TIC	77.60	84	P	02 30.44	-1.1
	1.1s	20.00nm		5.1mb	
LIC	77.60	84	P	02 30.42	-1.1
	1.1s	26.50nm		5.2mb	
EPLA	77.71	50	eP	02 32.00	0.3
EJIF	77.86	54	eP	02 35.00	2.5
KIC	77.88	84	Pd	02 32.24	-0.9
	1.0s	25.50nm		5.2mb	
SVW	78.67	332	P	02 35.70	-0.9
	0.9s	28.06nm		5.3mb	
MAL	78.73	53	iPc	02 39.00	1.7
DMU	78.98	36	eP	02 37.60	-0.7
DLF	79.11	36	eP	02 38.40	-0.6
GUD	79.23	49	iPc	02 41.00	0.0
TOL	79.25	50	iPc	02 41.00	0.9
	1.8s	363.64nm		6.1mb	
TTA	79.28	334	P	02 39.10	-0.0
	1.8s	59.96nm		5.3mb	
EBAN	79.33	52	eP	02 41.00	0.4
ECOG	79.44	53	eP	02 42.30	0.9
EHUE	80.25	52	iPc	02 46.50	0.9
ETOR	80.83	49	iPd	02 49.00	0.3
DAG	80.88	12	iPc	02 47.80	-0.3
	0.8s	12.69nm		5.0mb	
EKA	81.34	35	Pc	02 49.40	-1.5
	1.3s	47.90nm		5.4mb	
LPF	82.01	42	iPd	02 54.10	-0.4
	1.4s	81.05nm		5.6mb	
GRR	82.15	42	iPd	02 55.10	-0.1
	1.2s	55.95nm		5.5mb	
FLN	82.42	41	iPd	02 56.60	-0.1
	1.4s	97.15nm		5.7mb	
Z	22s	0.13um		4.2Msz	
MFF	82.53	44	iPd	02 57.10	-0.2
	1.6s	100.75nm		5.7mb	
LDF	82.65	42	iPd	02 57.70	-0.2
	1.4s	106.30nm		5.8mb	
EPF	82.72	47	iPd	02 58.70	0.3
	1.7s	80.15nm		5.6mb	
LFF	83.08	45	iPd	03 00.10	0.0
	1.8s	121.70nm		5.8mb	
LPO	83.39	46	iPd	03 01.50	-0.3
	1.8s	105.30nm		5.7mb	
RJF	83.64	45	iPd	03 02.80	-0.2
	1.7s	90.45nm		5.7mb	

GKN	146.51	20	PKP	10	14.02	-1.4						
	1.0s	155.00nm										
LKN	146.55	9	iPKPc	10	16.20	0.4						
KKN	146.92	19	PKP	10	15.68	-0.5						
	0.8s	206.00nm										
GUN	147.00	18	PKP	10	15.96	-0.5						
DMN	147.03	20	PKP	10	15.12	-1.3						
	1.1s	150.00nm										
PKI	147.17	19	PKP	10	14.58	-2.1						
	1.1s	134.00nm										
POO	148.36	46	iPKPd	10	23.10	4.7X						
POO	148.36	46	iPKPd	10	32.10	13.7X						
GYA	148.85	343	iPKPd	10	21.80	2.7						
			pPKP	10	27.80							
CGP	150.03	293	iPKPd	10	26.00	5.0X						
KMI	151.07	349	PKPc	10	22.50	-0.2						
			pPKP	10	28.00							
HYB	152.35	41	ePKP	10	23.50	-1.0						
GBA	154.17	49	PKP	10	27.00	0.0						
	S.D. = 0.9 on 148 of 161 obs.											
<hr/>												
& SEP 18, 1992 10h 52m 58.93s												
34.053 N 116.386 W												
DEPTH = 1.3km												
SOUTHERN CALIFORNIA (43)												
<PAS-P>. ML 3.3 (PAS), 3.2 (GS). Felt.												
PEC	0.66	256	iPc	53	11.39	-0.8						
			S	53	19.70							
PLM	0.80	210	iPd	53	14.17	-0.8						
SSK	1.10	279	iPc	53	19.25	-1.2						
			S	53	37.21							
GLA	1.64	127	ePn	53	26.44	-2.6						
ISA	2.35	314	ePn	53	37.06	-2.3						
ABL	2.47	290	ePn	53	38.30	-2.9						
			S	54	17.95							
TPNV	2.89	2	ePn	53	45.37	-1.8						
BCH	3.25	291	ePn	53	50.16	-2.0						
PHAM	3.75	299	ePn	53	56.15	-3.0						
TNP	4.08	351	Pn	54	04.19	0.2						
BONR	4.19	339	ePn	54	04.33	-1.3						
TUC	5.01	109	ePn	54	13.12	-4.0						
	12 obs. associated											
<hr/>												
? SEP 18, 1992 11h 42m 37.01± 3.12s												
21.722 N ±24.9km 117.355 E ±22.6km												
DEPTH = 10.0km (geophysicist)												
4.2mb (1 obs.)												
TAIWAN REGION (243)												
ML 4.1 (BJI).												
QZH	3.40	19	ePn	43	29.70	-1.5						
			Sn	44	19.00							
MCO	3.55	277	eP	43	31.60	-1.7						
GZH	3.95	291	Pn	43	38.00	-1.0						
QIZ	7.54	251	eP	44	30.60	0.9						
	N	11s	0.72um									
	E	11s	0.62um									
WHN	9.19	344	eP	44	51.50	-1.0						
	Z	12s	0.72um									
			eS	46	33.50							
NJ2	10.37	7	Pc	45	12.50	3.6X						
GYA	10.84	298	P	45	17.00	1.5						
	N	12s	0.93um									
	E	12s	0.41um									
TIA	14.44	359	eP	46	05.00	2.5						
CD2	15.23	310	eP	46	14.00	0.2						
	N	10s										

KCT	1.13	30	iPn	45	31.00	0.4
EZN	1.15	299	ePn	45	30.00	-0.8
S.D. = 1.5			on	6 of	6 obs.	
& SEP 18, 1992 11h 50m 47.47s						
59.445 N 151.837 W						
DEPTH = 53.3km						
KENAI PENINSULA, ALASKA (14)						
<AEIC>. ML 2.9 (AEIC). 3.0 (PMR).						
XLV	0.06	81	iPc	50	54.91	0.8
HOM	0.24	25	iPd	50	56.16	-0.3
			eS	51	03.14	
BRK	0.58	56	ePc	50	59.54	-0.5
			eS	51	09.23	
OPT	0.74	287	iPc	51	01.28	-0.7
			S	51	12.25	
AUE	0.79	264	ePc	51	01.90	-0.7
			S	51	13.41	
AUP	0.81	265	ePc	51	02.36	-0.7
			eS	51	14.54	
AUL	0.82	266	ePc	51	02.42	-0.6
AUI	0.82	263	ePc	51	02.19	-0.8
			eS	51	13.95	
AUH	0.83	265	ePc	51	02.48	-0.7
			S	51	14.23	
AUW	0.84	266	ePc	51	02.61	-0.7
SYI	0.89	199	eP	51	03.04	-0.8
			eS	51	15.86	
CDD	1.06	242	ePc	51	05.49	-0.9
RED	1.08	335	ePd	51	05.72	-1.0
			iS	51	20.18	
RS1	1.12	336	ePd	51	06.48	-0.8
RSO	1.12	336	ePd	51	06.47	-0.8
			eS	51	21.63	
RS2	1.12	336	ePd	51	06.50	-0.8
			eS	51	20.89	
REF	1.13	338	iPd	51	06.16	-1.3
			iS	51	20.89	
RDW	1.15	335	ePd	51	06.78	-0.9
			eS	51	22.01	
RDT	1.17	346	iPd	51	07.00	-0.8
RDN	1.17	337	ePd	51	07.07	-0.8
			eS	51	21.99	
DFR	1.23	340	iPd	51	07.78	-0.9
PDB	1.25	287	ePc	51	07.76	-1.1
			eS	51	24.06	
NCT	1.25	334	ePd	51	08.09	-0.9
			eS	51	24.13	
MCNL	1.31	260	iPc	51	08.46	-1.3
SLKM	1.34	37	iPc	51	10.20	0.0
SEW	1.38	60	eP	51	09.95	-0.7
MPA	1.63	49	eP	51	14.08	-0.1
BKG	1.64	353	iPd	51	13.97	-0.5
KDC	1.74	192	ePn	51	13.66	-2.0
			eS	51	38.98	
SPU	1.75	357	ePd	51	15.46	-0.4
CKL	1.78	352	iPd	51	15.91	-0.5
CKN	1.79	355	eP	51	16.56	0.0
CRP	1.84	355	eP	51	17.70	0.4
BGL	1.85	352	eP	51	17.32	0.0
CGLM	1.87	357	eP	51	17.54	-0.2
NCG	1.97	356	eP	51	19.04	-0.1
PTE	2.00	43	ePc	51	18.99	-0.4
SUA	2.10	15	ePc	51	21.04	0.1
PMS	2.13	31	eP	51	21.80	0.5
KNIM	2.26	65	eP	51	21.89	-1.2
PWA	2.42	23	eP	51	26.10	0.9
SVW	2.52	313	ePn	51	23.45	-3.3
			eS	51	45.65	
PLRM	2.54	31	iPc	51	26.25	-0.7
PMR	2.54	31	ePn	51	25.65	-1.3
			eS	51	53.74	
			Lg	52	02.94	
SKT	2.55	3	iPd	51	27.21	0.0
KNK	2.59	39	eP	51	26.84	-0.9
GHO	2.74	30	ePc	51	29.51	-0.5
GLI	2					

Lg 53 14.35
54 obs. associated
% SEP 18, 1992 12h 14m 53.33± 0.62s
42.832 N ± 4.8km 19.273 E ± 5.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.6 (TTG).

NKY	0.20	265	iPg	14	58.18	0.3
			iSg	15	01.44	
TTG	0.40	181	iPg	15	01.73	0.2
			iSg	15	07.19	
PLE	0.51	10	iPg	15	03.63	0.0
			iSg	15	11.31	
BRY	0.54	278	iPg	15	04.13	-0.2
			iSg	15	12.15	
PVY	0.57	114	iPg	15	04.81	-0.1
			iSg	15	13.18	
BDV	0.64	211	iPg	15	05.63	-0.5
			iSg	15	15.38	
HCY	0.69	236	iPg	15	06.94	0.0
			iSg	15	17.00	
ULC	0.87	181	iPg	15	10.34	0.3
			iSg	15	22.91	

S.D. = 0.3 an 8 af 8 obs.

? SEP 18, 1992 12h 28m 37.92± 1.73s
40.825 N ± 10.1km 23.864 E ± 16.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.9 (THE).

SRS	0.36	325	ePg	28	45.36	0.1
			eSg	28	52.36	
SOH	0.39	270	iPg	28	45.62	-0.2
			iSg	28	52.72	
OUR	0.50	170	ePg	28	47.48	-0.5
			eSg	28	55.16	
PAIG	0.91	189	ePg	28	56.00	0.7
			eSg	29	09.96	

S.D. = 0.9 an 4 af 4 obs.

? SEP 18, 1992 12h 35m 57.98± 0.99s
42.367 N ± 10.3km 24.096 E ± 12.5km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS	1.30	197	eP	36	21.64	-0.5
			eS	36	44.52	
KNT	1.50	217	eP	36	25.44	0.5
VAY	1.55	228	iPn	36	24.50	-1.1
SOH	1.64	200	eP	36	26.08	-0.9
			eS	36	53.76	
GRG	1.90	223	eP	36	32.56	1.8
			eS	37	01.44	
OUR	2.03	182	eP	36	37.32	4.7X
			eS	37	08.08	
ALN	2.07	135	eP	36	33.60	0.4
			iS	37	05.12	
PAIG	2.46	187	iP	36	42.96	4.2X
MLR	3.40	23	eP	36	52.00	-0.2

S.D. = 1.2 on 7 af 9 obs.

* SEP 18, 1992 12h 36m 32.31± 0.94s
6.799 S ± 8.6km 130.834 E ± 19.1km
DEPTH = 125.9 ± 16.8 km
4.9mb (1 obs.)
BANDA SEA (280)

SLKI	1.26	159	iPd	36	57.60	-0.2
			iS	37	12.50	
SWI	5.91	4	iPc	37	59.00	0.2
			iS	39	01.00	
MTN	6.02	177	eP	38	00.30	0.0
	0.3s	207.00nm			5.8mb X	
			eS	39	04.00	
KNA	9.12	193	eP	38	42.90	0.6
	0.2s	29.00nm			5.7mb X	
			eS	40	29.00	
OIS	16.10	149	eP	40	12.00	-0.9
			eS	42	59.00	
ASPA	17.03	170	iPd	40	25.40	1.1
	0.3s	23.00nm			4.9mb	
			eS	43	22.00	
MBL	17.81	216	eP	40	33.00	-0.8
			eS	43	42.00	

WARB 19.69 191 eP 41 00.00 6.0X
S.D. = 1.0 an 7 af 8 obs.

SEP 18, 1992 12h 46m 25.82± 0.47s
38.650 N ± 4.2km 30.746 E ± 4.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MG 3.4 (DDA).

ALT	0.64	309	iPg	46	38.80	0.1
KHL	1.01	252	iPg	46	44.00	-1.1
			iSg	47	00.00	
BCK	1.19	186	ePn	46	47.60	-0.5
GPA	1.67	348	ePn	46	56.90	1.6
GYN	1.70	360	eP	46	56.20	0.4
			eS	47	21.50	
DST	1.90	301	iPn	46	59.10	0.4
BBTK	1.97	52	eP	46	59.00	-0.6
			eS	47	28.00	
EYL	1.97	347	iPn	47	00.50	0.9
ELL	2.01	200	ePn	47	01.00	0.7
SGKT	2.17	27	eP	47	02.10	-0.6
HRT	2.32	339	ePn	47	04.50	-0.2
KCT	2.44	312	iPn	47	06.50	0.1
DVR	2.69	21	eP	47	10.00	0.0
			eS	48	53.00	
ISK	2.74	332	ePn	47	11.00	0.4
IZM	2.74	266	iPn	47	09.40	-1.3
BNT	2.77	309	iPn	47	11.10	0.0
EDC	2.80	308	ePn	47	11.00	-0.5
EZN	3.63	290	iPn	47	23.20	0.0
CTK	3.75	56	eP	47	23.00	-2.1
DMK	3.91	325	iPn	47	26.80	-0.4
CSS	4.22	150	eP	47	33.70	2.0
MLR	7.71	334	ePc	48	21.50	0.6

S.D. = 1.0 an 22 af 22 obs.

* SEP 18, 1992 12h 53m 35.51s
34.052 N 116.384 W
DEPTH = 1.4km
SOUTHERN CALIFORNIA (43)
<PAS-P>. MD 3.7 (PAS). ML 3.6 (GS). Felt (IV) at La Quinta, (III) at Pioneertown and (II) at Maronga Valley. Also felt at Oceanside and Yucca Valley.

PEC	0.66	256	iPc	53	48.04	-0.7
PLM	0.80	210	iPd	53	50.74	-0.8
SSK	1.10	279	ePc	53	55.91	-1.1
GLA	1.64	127	ePn	54	02.58	-3.0
ISA	2.35	314	ePnc	54	13.66	-2.3
ABL	2.48	290	ePn	54	15.86	-2.0
TPNV	2.89	2	(Pn)	54	22.47	-1.3
BCH	3.25	291	ePn	54	26.80	-2.0
PHAM	3.75	299	ePn	54	33.16	-2.6
TNP	4.08	351	ePn	54	39.74	-0.8
BONR	4.19	339	ePn	54	40.47	-1.8
TUC	5.01	109	ePn	54	49.75	-3.9
CMB	5.13	322	(P)	54	53.42	-1.9
MSU	5.60	36	(P)	54	57.18	-5.0
DUG	6.76	24	(P)	55	14.37	-4.1
ORV	6.86	325	(Pn)	55	16.33	-3.3
SRU	6.91	41	(P)	55	21.30	0.8
DAU	7.55	31	(P)	55	29.83	0.2

18 obs. associated

* SEP 18, 1992 12h 54m 33.84s
34.057 N 116.376 W
DEPTH = 6.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS). 3.4 (GS). Felt.

PEC	0.67	256	ePc	54	46.27	-1.1
PLM	0.81	210	(P)	54	48.32	-1.7
SSK	1.10	278	(P)	54	53.84	-1.2
ISA	2.35	313	(P)	55	14.65	0.9
ABL	2.48	289	(P)	55	15.31	-0.3
BCH	3.26	291	(P)	55	30.67	4.1

6 obs. associated

* SEP 18, 1992 13h 02m 53.55± 1.18s
37.471 N ± 9.3km 29.720 E ± 15.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

BCK	0.69	91	iPg	03	07.10	-0.2
			eSg	03	18.10	
ELL	0.74	168	iPg	03	08.00	-0.1
			eSg	03	22.00	
KHL	0.86	350	iPg	03	08.50	-1.7
			iSg	03	20.50	
ALT	1.61	11	ePn	03	23.30	1.1
DST	2.30	338	ePn	03	33.00	0.9

S.D. = 1.6 an 5 af 5 obs.

* SEP 18, 1992 13h 08m 32.61± 1.09s
39.725 N ± 9.4km 28.007 E ± 7.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST	0.49	104	iPg	08	42.50	-0.1
			eSg	08	51.00	
KCT	0.59	27	iPn	08	45.00	0.5
EDC	0.63	350	ePg	08	45.00	-0.3
			eSg	08	55.00	
BNT	0.63	354	ePg	08	45.10	-0.2
EZN	1.30	275	ePn	08	56.80	0.1

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

SEP 18, 1992 13h 24m 52.25± 0.76s
39.590 N ± 6.8km 20.277 E ± 7.6km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
MD 3.0 (ATH). 2.7 (THE).

IGT	0.07	143	iPg	24	53.86	-0.8
			eSg	24	57.46	
KEK	0.39	289	ePb	24	59.80	-0.4
KZN	1.35	58	ePb	25	13.70	-3.5X
VLS	1.43	170	ePb	25	19.30	1.0
FNA	1.46	35	ePb	25	17.74	-0.9
			eSb	25	39.58	
OHR	1.57	15	ePn	25	19.50	-0.8
AGG	1.69	109	ePb	25	22.18	0.2
			eSb	25	47.42	
LIT	1.78	73	ePb	25	22.33	-0.9
			eSb	25	47.78	
GRG	2.12	49	ePn	25	27.78	-0.5
VAY	2.46	45	ePn	25	34.30	1.3
SKO	2.54	20	ePn	25	36.00	1.9

S.D. = 1.2 on 10 af 11 obs.

SEP 18, 1992 13h 40m 40.12± 0.41s
3.515 N ± 9.2km 83.072 W ± 10.2km
DEPTH = 33.0km (normal)
4.9mb (21 obs.) 4.7msz (1 obs.)
OFF COAST OF CENTRAL AMERICA (76)

ARE	22.91	150	eP	45	44.00	1.3
ZOBO	24.60	144	P	45	57.90	-1.6
	1.1s	39.15nm			4.9mb	
	Z 24s	0.50um			3.9msz X	
		S		50	28.00	
		LR		53	28.00	
LPB	24.81	144	P	46	02.00	0.7
	Z 18s	2.06um			4.7msz	
		LR		55	56.00	
CNCB	25.10	144	P	46	03.00	-1.2
CCH	26.65	142	eP	46	19.00	0.7
OLY	32.77	347	eP	47	11.48	-0.8
ALO	38.06	328	eP	47	59.12	1.5
	1.2s	7.30nm			4.4mb	
RSNY	41.55	9	eP	48	26.01	-0.2
	0.8s	5.26nm			4.3mb	
PV10	42.01	329	eP	48	32.20	1.8
		PcP		50	26.39	
PLM	43.31	317	eP	48	35.84	-5.1X
SRU	43.33	328	eP	48	41.39	0.3
MSU	43.78	327	eP	48	43.94	-0.9
PEC	43.83	3				

18d 13h

SES	52.34	338	eP	49	51.00	0.0
VGB	53.23	328	eP	49	56.07	-1.7
NEW	53.28	332	eP	49	56.50	-1.5
	1.4s	18.48nm			4.9mb	
DPW	53.51	331	eP	49	58.95	-0.8
RMW	55.03	329	(P)	50	11.01	0.0
MCW	56.35	329	eP	50	18.31	-2.1
YKA	63.32	344	eP	51	06.20	-1.7
	1.1s	4.10nm			4.5mb	
MBC	75.42	352	eP	52	21.50	-0.5
	1.0s	12.00nm			4.8mb	
REF	77.00	332	eP	52	28.23	-3.2X
TIC	77.75	84	P	52	35.00	-1.2
LIC	77.75	84	P	52	35.00	-1.2
KIC	78.03	84	P	52	36.60	-1.2
EKA	81.38	35	P	52	55.00	0.1
	1.2s	14.30nm			4.9mb	
GRR	82.21	42	eP	53	00.30	0.9
	1.2s	35.40nm			5.3mb	
FLN	82.48	41	eP	53	01.80	1.0
	1.3s	37.20nm			5.3mb	
LDF	82.71	42	eP	53	02.80	0.8
	1.5s	35.00nm			5.2mb	
LSF	83.74	44	eP	53	08.10	0.8
TCF	84.21	44	eP	53	10.10	0.4
	1.5s	19.85nm			5.1mb	
MAF	84.46	44	eP	53	11.80	0.8
	1.3s	15.15nm			5.0mb	
BGF	84.66	44	eP	53	12.60	0.7
	1.2s	22.90nm			5.2mb	
AVF	85.01	44	eP	53	13.90	0.3
	1.3s	15.90nm			5.1mb	
SMF	85.34	44	eP	53	15.70	0.3
	1.4s	19.15nm			5.1mb	
LBF	85.44	43	eP	53	16.20	0.3
	1.6s	27.35nm			5.2mb	
WLF	86.84	41	P	53	22.00	-0.6
LRG	87.20	47	eP	53	24.10	-0.4
LMR	87.31	47	eP	53	24.60	-0.4
	1.1s	10.25nm			5.0mb	
CDF	87.63	42	eP	53	27.20	0.6
GEC2	91.84	41	eP	53	46.10	-0.2
	1.1s	1.57nm			4.3mb	
		e		53	51.30	
		e		53	57.20	
TNE	149.31	277	ePKP	00	38.50	14.8X
KMI	150.98	349	ePKP	00	28.50	2.3
S.D. = 1.0 on 48 of 51 obs.						

% SEP 18, 1992 14h 16m 38.23 ± 1.16s
40.692 N ± 15.6km 28.957 E ± 8.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

HRT	0.56	76	iPg	16	49.50	0.0
			eSg	16	57.50	
KCT	0.64	226	iPg	16	50.50	-0.5
			iSg	16	59.50	
BNT	0.86	247	iPg	16	55.60	0.8
			iSg	17	09.60	
EDC	0.90	248	ePg	16	55.00	-0.5
DST	1.11	193	iPn	16	59.40	0.2
S.D. = 0.8 on 5 of 5 obs.						

* SEP 18, 1992 15h 09m 30.91 ± 1.00s
41.576 N ± 12.9km 22.296 E ± 10.9km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 2.1 (SKO).

VAY	0.33	141	iPg	09	37.40	-0.3
			iSg	09	43.60	
KNT	0.61	132	eP	09	43.08	-0.2
GRG	0.62	173	eP	09	43.72	0.2
SKO	0.75	302	ePn	09	45.60	0.0
SRS	1.08	115	eP	09	51.52	0.3
			eS	10	09.36	
S.D. = 0.4 on 5 of 5 obs.						

SEP 18, 1992 15h 11m 37.95 ± 0.60s
37.974 N ± 9.5km 102.261 E ± 5.9km
DEPTH = 10.0km (geophysicist)

4.2mb (5 obs.)
GANSU, CHINA (322)
ML 4.0 (BJI).

LZH	2.27	146	Pnc	12	17.00	0.8
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			Pg	12	19.00	
			Sg	12	48.00	
GTA	2.39	308	Pn	12	19.50	1.6
E	13s	3.48um				
			Pg	12	22.00	
			Sg	12	54.00	
BTO	6.56	64	ePn	13	18.20	1.2
			Sg	15	02.80	
XAN	6.67	124	Pn	13	15.50	-3.0X
			Pg	13	39.00	
			Sg	15	05.00	
CD2	7.15	170	ePg	13	38.70	13.5X
HHC	7.75	65	Pn	13	33.60	-0.1
			Pg	13	59.60	
			Sg	15	42.00	
TIY	8.05	89	Pd	13	36.20	-1.6
E	11s	0.32um				
WMO	12.47	303	eP	14	36.60	-1.7
GUN	17.00	239	P	15	37.36	-0.3
	0.5s	11.00nm			4.3mb	
KKN	17.48	239	P	15	43.52	-0.1
	0.6s	13.00nm			4.3mb	
PKI	17.54	239	P	15	44.90	0.5
	0.5s	10.00nm			4.2mb	
DMN	17.72	239	P	15	45.98	-0.6
	0.5s	9.00nm			4.2mb	
GKN	17.79	241	P	15	47.72	0.4
	0.4s	7.00nm			4.1mb	
S.D. = 1.2 on 11 of 13 obs.						

% SEP 18, 1992 15h 39m 57.15 ± 0.70s
40.753 N ± 5.3km 22.780 E ± 6.0km
DEPTH = 5.0km (geophysicist)

GREECE (364)

THE	0.18	130	ePg	40	00.48	-0.5
			iSg	40	03.44	
GRG	0.35	305	ePg	40	03.80	-0.4
			iSg	40	08.76	
KNT	0.42	12	ePg	40	05.96	0.4
			iSg	40	12.32	
SOH	0.44	81	ePg	40	06.08	0.1
			iSg	40	13.56	
LIT	0.69	199	ePg	40	11.37	0.5
PAIG	1.07	140	ePg	40	17.78	0.0
			iSg	40	33.82	
S.D. = 0.5 on 6 of 6 obs.						

SEP 18, 1992 16h 46m 35.21 ± 0.46s
21.336 N ± 6.0km 117.680 E ± 5.9km
DEPTH = 21.1km (3 depth phases)

4.8mb (14 obs.) 4.4Msz (1 obs.)
TAIWAN REGION (243)
ML 4.8 (BJI).

HKC	3.40	287	iP	47	28.70	0.5
OZH	3.69	13	ePn	47	29.50	-2.8
Z	11s	4.19um				
		Sn		48	17.20	
MCO	3.91	282	eP	47	35.80	0.3
		eS		48	41.00	
GZH	4.38	294	Pnc	47	41.40	-0.7
Z	12s	3.61um				
		Sn		48	39.00	
CVP	5.32	132	eP	47	55.00	-0.5
		eS		48	56.00	
QIZ	7.71	254	eP	48	29.40	0.3
N	11s	3.60um				
E	11s	3.40um				
		S		50	01.60	
TGY	7.83	156	eP	48	30.50	-0.3
WHN	9.65	343	eP	48	52.00	-3.8X
Z	16s	2.94um				
		eS		50	40.00	
SSE	10.22	17	P	49	03.40	-0.3
Z	12s	2.16um				
N	11s	2.80um				
E	11s	7.40um				
NJ2	10.72	5	eP	49	10.20	-0.4
	0.8s	23.00nm			5.5mb	
GYA	11.29	299	P	49	16.40	-2.2
	0.8s	7.80nm			5.0mb	
Z	14s	2.36um			5.2Msz	
N	12s	6.78um				
E	12s	3.29um				
		S		51	22.40	
KMI	14.24	288	eP	50	02.50	4.5X

TIA	Z	13s	1.60um				
		14.83	358	eP	50	08.60 3.2X	
		1.0s		36.00nm		4.8mb	
	Z	16s		1.63um		4.5MszX	
	N	12s		1.47um			
	E	12s		5.87um			
				eS	52	48.50	
	XAN		14.83	330	eP	50	03.00 -2.5
	Z	12s		3.53um			
	N	12s		2.33um			
	KAGJ		15.37	48	eP	50	18.20 5.7X
	CDJ		15.71	310	eP	50	15.50 -1.5
	Z	12s		4.34um			
	E	10s		5.82um			
	KUMJ		16.17	44	eP	50	22.30 -0.4
	TIY		16.94	346	eP	50	34.00 1.4
	Z	14s		1.19um			
	N	12s		1.10um			
	SHNJ		17.40	40	eP	50	38.80 0.5
	CHG		17.78	265	eP	50	44.50 1.4
		1.3s		21.15nm		4.1mb	
	BJI		18.69	356	eP	50	58.00 3.8X
		1.5s		160.00nm		5.0mb	
	Z	14s		1.18um		4.6MszX	
	E	12s		1.58um			
	LZH		19.03	324	eP	50	59.50 0.9
		1.4s		130.00nm		5.0mb	
	Z	13s		2.87um		4.1MszX	
				PP	51	17.00	
				eS	54	28.00	
				sS	54	35.00	
	HHC		20.13	346	eP	51	11.20 0.3
		1.4s		76.00nm		4.8mb	
	Z	14s		0.95um		4.3MszX	
	N	10s		0.54um			
				pP	51	16.00 18km	
				sP	51	19.00	
	BTO		20.28	343	eP	51	12.00 -0.3
	N	12s		0.88um			
	E	10s		1.41um			
				pP	51	18.00 22km	
				ePP	51	35.50	
	MNI		20.97	160	eP	51	20.00 0.5
	SNY		21.03	12	Pc	51	25.00 5.1X
	Z	18s		1.37um		4.4Msz	
	E	13s		3.21um			
				S	55	13.00	
	TSRJ		21.38	45	eP	51	25.60 2.1
	IPM		23.21	226	ePc	51	47.00 5.1X
		0.5s		14.70nm		4.8mb	
	CN2		23.32	14	eP	51	45.60 3.0X
		2.0s		260.00nm		5.4mb	
	Z	13s		1.89um		4.7MszX	
	N	13s		3.82um			
	E	13s		4.46um			
				ePP	51	52.00 23km	
				eSP	51	56.00	
				eS	55	51.00	
	MAT		23.43	45	eP	51	43.00 -0.0
		1.1s		26.58nm		4.7mb	
				eS	56	03.00	
	GTA		23.63	324	eP	51	46.50 0.6
		1.8s		62.00nm		4.8mb	
	Z	12s		2.10um		4.8MszX	
	E	12s		3.43um			
				pP	51	58.00 45kmX	
				sS	56	11.00	
	CHJJ		23.69	47	eP	51	45.30 -1.0
	MDJ		25.22	20	eP	52	02.50 1.5
	Z	14s		0.94um		4.5MszX	
	N	11s		1.32um			
	E	11s		1.80um			
	LSA		25.31	295	eP	52	07.40 4.9X
	N	14s		1.00um			
	OFUJ		27.12	44	eP	52	18.00 -0.6
	WMD		33.48	319	eP	53	20.00 4.8X
	Z	16s		1.29um		4.7MszX	
	N	10s		0.85um			
				PP	54	30.00	
				S	58	40.00	
				PcS	59	41.00	
	YAK		41.49	9	eP	54	24.60 2.5
		1.5s		28.00nm		4.8mb	
	Z	14s		0.40um		4.4MszX	
	N	14s		0.40um			
	E	14s		1.20um			
	WRA		44.14	157	P	54	42.79 -1.4

ASPA 47.44 160 P 55 09.39 -1.0
CTA 49.76 144 eP 55 28.00 -0.4
NB2 79.20 332 P 58 42.00 2.0
0.7s 1.50nm 4.1mb
YKA 86.82 22 eP 59 21.60 2.5
0.9s 3.00nm 4.5mb
S.D. = 1.4 on 32 of 42 obs.

& SEP 18, 1992 17h 00m 00.01s
37.207 N 116.210 W
DEPTH = 0.0km
4.4mb (7 obs.)

SOUTHERN NEVADA (41)
<DOE>. 37° 12' 24.93" N., 116°
12' 35.94" W., Surface Elev.
2239 m., Depth of Burial 385 m.,
Shot Time 170000.008, "HUNTERS
TROPHY," Nevada Test Site (Dept.
of Energy).

TPNV 0.26 187 eP 00 05.40 0.2
TNP 1.18 318 iPc 00 22.94 -0.2
BONR 1.82 295 iPc 00 32.84 -0.3
ARUT 2.28 74 ePc 00 38.71 -0.9
KVN 2.37 322 ePd 00 40.27 -0.7
ISA 2.39 231 eP 00 40.57 -0.6
PKEM 3.34 251 (P) 00 52.61 -1.9
ABL 3.39 227 ePd 00 54.69 -0.8
ePg 01 03.19
PEC 3.40 193 eP 00 54.96 -0.5
CMB 3.42 285 ePnc 00 54.84 -0.9
ePg 01 02.52
MSU 3.45 67 ePc 00 55.43 -1.0
PHAM 3.64 249 ePd 00 58.57 -0.3
BCH 3.73 238 ePnc 00 59.47 -0.7
DUG 3.99 41 ePd 01 02.98 -1.0
GLA 4.30 164 eP 01 06.31 -1.9
ORV 4.77 301 eP 01 13.68 -1.3
SRU 4.87 65 eP 01 16.39 -0.1
EMUT 4.97 57 eP 01 18.25 0.3
DAU 5.02 49 (P) 01 19.78 1.0
HVV 5.28 29 eP 01 21.13 -1.2
LTCM 5.51 305 (P) 01 24.22 -1.2
LBFM 6.04 315 eP 01 33.27 0.2
PTI 6.38 26 eP 01 36.63 -1.1
TUC 6.62 136 eP 01 39.34 -1.7
HHA1 6.75 25 (P) 01 43.75 0.8
ALO 8.21 103 eP 02 00.97 -2.6
GOL 8.86 70 (P) 02 12.18 -0.4
VGB 8.98 339 (P) 02 15.58 1.6
LRM 9.06 17 eP 02 17.40 2.2
DPW 10.76 353 (P) 02 39.88 1.4
RMW 11.05 340 (P) 02 43.37 1.0
RSSD 11.53 49 eP 02 47.21 -2.0
MCW 12.44 339 (P) 03 04.77 3.5
PRM 27.60 86 (P) 05 50.72 -0.2
NB2 73.15 24 P 11 31.10 -2.9

0.5s 0.70nm 4.0mb
HFS 74.64 23 eP 11 40.20 -2.4
0.6s 2.10nm 4.3mb
LDF 77.46 38 eP 11 57.70 -1.0
LOR 80.30 37 eP 12 13.40 -0.8
0.4s 1.90nm 4.4mb
HAU 80.93 35 eP 12 16.60 -1.0
CDF 81.05 34 eP 12 17.30 -1.0
0.5s 1.95nm 4.4mb
CAF 81.08 39 eP 12 17.40 -1.0
0.5s 2.05nm 4.4mb
BSF 81.26 35 eP 12 18.50 -0.9
0.5s 3.30nm 4.6mb
GEC2 83.48 31 ePd 12 29.80 -1.1
1.0s 1.32nm 4.1mb
e 12 39.90
43 obs. associated

SEP 18, 1992 17h 05m 55.40±0.44s
11.304 N ± 8.0km 87.387 W ± 7.6km
DEPTH = 29.5km (2 depth phases)
4.6mb (9 obs.)

NEAR COAST OF NICARAGUA (74)

OXX 10.72 303 (P) 00 30.00 -0.3
IISM 12.30 310 (P) 00 51.30 -0.2
PPM 13.31 307 (P) 09 06.10 0.7
III 13.63 302 (P) 09 10.30 0.9
MRX 15.70 304 (P) 09 38.00 1.8
PRM 23.13 11 eP 11 00.99 0.8

JSC 23.54 13 (P) 11 05.05 1.0
LHS 23.84 14 eP 11 06.83 -0.1
NNA 25.40 155 ePd 11 23.50 1.4
1.0s 17.00nm 4.6mb
CEH 25.61 16 eP 11 23.85 0.0
0.7s 46.51nm 5.2mb
NAV 26.57 12 eP 11 33.29 0.4
LVNJ 31.43 19 eP 12 15.92 -0.4
PV10 33.18 328 eP 12 30.50 -1.5
GLA 33.20 315 eP 12 31.85 0.0
ZOBO 33.38 145 P 12 32.70 -1.6
Z 22s 0.18um 3.8Msz

LR 23 28.00
LPB 33.60 145 eP 12 41.00 5.1X
CNCB 33.89 145 P 12 37.10 -1.5
RSNY 34.93 16 eP 12 45.86 -0.8
0.7s 13.50nm 5.0mb
PEC 35.29 314 (P) 12 50.55 0.7
1.1s 6.73nm 4.5mb
BNH 35.95 20 (P) 12 56.41 1.0
TPNV 36.42 319 (P) 13 00.52 1.0
0.7s 5.52nm 4.6mb
BW06 36.82 332 eP 13 01.20 -1.7
0.8s 2.98nm 4.2mb
ISA 37.15 316 eP 13 05.59 0.0
0.8s 6.55nm 4.5mb
BCH 38.02 314 eP 13 12.99 0.0
BONR 38.33 319 eP 13 16.68 0.9
LRM 40.49 333 eP 13 32.90 -0.6
ORV 41.29 319 eP 13 40.42 0.5
LBFM 42.54 321 eP 13 49.82 -0.6
SES 43.56 338 eP 13 57.00 -1.3
BAO 47.30 124 P 14 29.00 0.3
e 14 38.00 30km
e 14 44.50
e 14 30.30 0.9
e 14 39.00 29km
e 14 43.00
e 14 50.70

MCW 47.51 329 eP 14 28.46 -1.4
YKA 54.73 345 eP 15 22.10 -2.1
0.8s 3.10nm 4.4mb
MBC 67.16 352 ePc 16 47.80 -0.4
0.7s 4.00nm 4.6mb
KIC 81.59 85 P 18 14.30 1.7
ASPA 138.89 247 ePKP 25 20.10 -1.5
1.1s 4.90nm

HYB 148.26 26 ePKP 25 40.00 2.2
CHG 149.43 348 ePKP 25 43.00 3.4X
BDT 150.94 347 iPKPd 25 45.50 3.7X
GBA 151.03 32 PKP 25 47.80 5.8X
S.D. = 1.1 on 36 of 40 obs.

? SEP 18, 1992 17h 34m 22.92±5.62s
15.991 N ± 44.1km 99.938 W ± 26.1km
DEPTH = 33.0km (normal)
OFF COAST OF GUERRERO, MEXICO (65)

ACX 0.88 5 iP 34 38.50 -0.4
iS 34 48.50
III 2.41 11 iP 35 01.00 -0.1
iS 35 28.00
OXX 3.27 70 iP 35 13.50 0.3
iS 35 47.00
PPM 3.30 22 eP 35 19.50 5.5X
iS 35 56.00
IIT 3.39 27 eP 35 20.00 4.9X
iS 35 58.00
UNM 3.40 12 (P) 35 16.50 1.3
IISM 3.85 39 iP 35 20.50 -0.8
iS 36 03.00
MRX 3.88 342 iP 35 21.50 -0.2
S.D. = 0.9 on 6 of 8 obs.

? SEP 18, 1992 17h 44m 45.05±1.48s
42.647 N ± 20.0km 7.895 E ± 10.6km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
ML 2.0 (LDG).

PGF 0.82 96 Pg 45 01.00 0.0
Sg 45 10.50
LMR 1.23 305 Pn 45 07.90 0.0
Sn 45 23.00
SBF 1.26 345 Pn 45 08.60 0.1
Sn 45 24.00
FRF 1.29 315 Pn 45 08.70 -0.3

Sn 45 23.90
LRG 1.38 306 Pn 45 10.50 0.1
Sn 45 27.10
S.D. = 0.2 on 5 of 5 obs.

? SEP 18, 1992 19h 24m 55.26±2.27s
43.082 N ± 12.4km 13.437 E ± 23.4km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)

ARV 0.55 319 P 25 05.90 -0.6
eSg 25 13.80
ASS 0.57 269 P 25 06.60 -0.2
eSg 25 16.30
AQU 0.73 182 P 25 09.50 -0.1
eSg 25 22.70
PGD 1.48 303 P 25 22.80 0.7
S.D. = 0.9 on 4 of 4 obs.

? SEP 18, 1992 20h 37m 19.26±9.77s
44.506 N ± 11.2km 6.819 E ± 68.4km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 1.3 (GEN).

PZZ 0.20 90 P 37 23.78 0.0
S 37 25.00
STV 0.45 126 P 37 28.40 0.0
S 37 32.94
BMB 0.46 43 P 37 28.66 0.0
S 37 33.18
ENR 0.51 123 P 37 29.70 0.0
S 37 34.58
S.D. = 0.0 on 4 of 4 obs.

& SEP 18, 1992 23h 09m 33.68s
35.839 N 117.669 W
DEPTH = 8.2km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.2 (PAS). 2.8 (GS).

ISA 0.68 255 iPc 09 46.27 -1.0
S 09 55.52
TPNV 1.59 46 eP 10 01.93 -0.4
S 10 25.55
ABL 1.61 233 ePn 10 03.23 0.6
SSK 1.62 181 ePn 10 02.05 -0.8
iPg 10 04.29
eS 10 25.11
PEC 1.99 168 ePn 10 07.06 -0.9
S 10 36.66
PKEM 1.99 277 (P) 10 08.77 0.8
BCH 2.08 252 ePn 10 09.89 0.6
eS 10 38.07
BONR 2.17 347 ePn 10 10.81 -0.1
PHAM 2.22 271 ePn 10 10.29 -1.0
S 10 46.19
TNP 2.27 9 ePn 10 11.97 -0.2
PLM 2.57 165 ePn 10 16.27 -0.1
CMB 3.09 316 ePn 10 25.19 1.5
eS 11 07.66
GLA 3.64 139 (Pn) 10 29.57 -1.9
eS 11 27.71
MSU 5.14 57 (P) 10 51.16 -1.8
14 obs. associated

& SEP 18, 1992 23h 30m 16.76s
33.387 N 119.648 W
DEPTH = 6.0km (geophysicist)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

ABL 1.50 14 ePd 30 42.88 -1.6
SSK 1.82 63 eP 30 46.68 -2.4
(S) 31 08.43
BCH 1.83 349 eP 30 47.90 -1.2
eLg 31 11.60
PEC 2.14 76 eP 30 50.64 -2.8
PLM 2.33 90 eP 30 53.19 -3.3
TPNV 4.51 37 eP 31 26.17 -1.2
6 obs. associated

SEP 18, 1992 23h 52m 35.74±0.27s
28.669 N ± 5.5km 66.193 E ± 3.5km
DEPTH = 23.6km (8 depth phases)
4.9mb (62 obs.) 4.5Msz (11 obs.)
PAKISTAN (710)

AVF 51.51 309 iPc 01 41.10 -0.4
0.8s 8.85nm 4.7mb
BGF 51.87 308 iPc 01 43.80 -0.5
0.9s 17.70nm 5.0mb
MAF 52.08 308 iPc 01 45.70 -0.2
0.7s 3.75nm 4.4mb
TCF 52.33 308 iPc 01 47.60 -0.2
0.8s 9.65nm 4.8mb
CAF 52.53 306 iPc 01 49.20 -0.2
0.9s 16.85nm 5.0mb
YAK 52.73 32 eP 01 49.50 -1.0
1.5s 55.00nm 5.3mb
Z 14s 2.20um 5.4Mszx
E 21s 0.70um
LSF 52.80 308 iPc 01 50.70 -0.6
0.7s 7.70nm 4.7mb
RJF 52.89 307 iPc 01 52.00 0.1
0.9s 10.00nm 4.7mb
Z 21s 0.13um 3.9Msz
LPO 53.18 306 iPc 01 53.80 -0.3
0.9s 11.80nm 4.8mb
LFF 53.47 306 iPc 01 56.10 -0.1
0.6s 10.55nm 5.0mb
LDF 53.75 311 iPc 01 57.20 -1.0
0.9s 16.85nm 5.0mb
MFF 53.92 309 iPc 01 58.90 -0.6
0.6s 4.95nm 4.7mb
FLN 53.98 311 iPc 01 59.50 -0.3
0.6s 13.35nm 5.1mb
Z 20s 0.13um 4.0Msz
GRR 54.26 311 iPc 02 01.60 -0.3
0.7s 7.05nm 4.8mb
EGRA 54.57 303 eP 02 03.50 -0.8
EKA 55.34 319 Pd 02 10.20 0.5
0.9s 5.80nm 4.6mb
ECHE 55.49 300 eP 02 12.00 0.9
EVIA 56.85 299 eP 02 21.00 0.0
GUD 57.69 302 eP 02 26.00 -0.8
TOL 57.76 301 eP 02 36.00 8.8X
ECOG 57.97 298 eP 02 28.00 -0.8
EGUA 58.07 298 eP 02 29.00 -0.4
EMON 59.43 306 eP 02 35.50 -3.3X
MAT 59.91 62 eP 02 40.00 -2.1
EVAL 60.35 299 eP 02 43.50 -1.6
YSS 60.78 50 eP 02 48.00 0.1
e 03 05.00 64kmX
DAG 61.17 345 eP 02 40.60 -9.7X
KIC 70.25 266 P 03 50.10 0.6
TIC 70.37 267 P 03 50.80 0.6
LIC 70.57 266 P 03 51.80 0.4
MBC 75.28 1 eP 04 18.00 0.0
1.0s 7.00nm 4.6mb
WB2 81.62 118 iPc 04 53.40 -0.1
1.2s 4.60nm 4.4mb
ASPA 83.39 121 eP 05 04.80 2.1
0.8s 9.30nm 5.0mb
BALM 87.64 13 (P) 05 23.07 -0.3
YKA 89.16 0 eP 05 30.60 0.3
0.6s 2.00nm 4.6mb
ZOBO 136.28 276 ePKP 12 01.00 2.5
Z 22s 0.18um 4.8Msz
LR 57 48.00
LPB 136.35 276 ePKP 12 06.00 7.6X
CNCB 136.36 275 PKP 12 02.00 3.4X
S.D. = 1.1 on 138 of 152 obs.
* SEP 19, 1992 02h 47m 23.45±1.64s
51.078 N ±20.5km 15.856 E ±8.9km
DEPTH = 10.0km (geophysicist)
POLAND (548)
MG 2.6 (WAR).
KSP 0.36 130 iP 47 29.20 -1.7
0.3s 39.00nm
iS 47 37.90
BRG 1.22 261 iPg 47 45.20 -1.0
iSg 48 05.60
PRU 1.38 218 Pg 47 50.80 2.1
0.4s 17.70nm
e 47 54.30
eSn 48 07.80
eSg 48 13.50
e 48 21.00
CLL 1.81 278 e(Pg) 47 55.00 0.1
eSg 48 21.00
VRAC 1.83 165 Pn 47 55.20 0.0
0.8s 13.60nm

KHC 2.44 218 ePg 47 59.50
eSg 48 27.00
eP 48 08.00 4.0X
e 48 20.00
Sn 48 37.00
eSg 48 49.60
OJC 2.65 107 eP 48 08.30 1.3
eS 48 42.10
ePg 48 13.40 5.4X
iSg 48 53.50
GRF 3.27 247 e(Pg) 48 15.00 -0.8
eSg 49 10.40
S.D. = 1.7 on 7 of 9 obs.
* SEP 19, 1992 03h 17m 39.50s
39.693 N 120.207 W
DEPTH = 13.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 4.0 (BRK), 3.8 (GS).
Felt (V) at Chilcoot and
Loyalton; (IV) at Beckwourth,
Sierraville and Vinton; (II) at
Calpine.
ORV 1.01 263 iPc 17 57.77 -0.5
iS 18 11.21
MIN 1.26 302 iPc 18 01.97 -0.7
iPc 18 14.10
LTCM 1.56 290 ePc 18 07.59 0.6
eP 18 08.88 0.4
CMB 1.66 185 eS 18 30.15
eS 18 49.21
KVN 1.75 111 ePn 18 09.71 -0.3
eS 18 34.75
WDC 2.00 297 eP 18 14.10 0.8
LBFM 2.09 323 eP 18 16.84 2.0
eS 18 44.18
BONR 2.29 139 ePn 18 19.68 1.9
ZSP 2.37 223 iPd 18 21.61 3.0
eS 18 49.21
BKS 2.41 222 iPc 18 20.13 0.9
eS 18 49.22
NWRM 2.42 240 (P) 18 19.94 0.6
FRI 2.73 172 iPd 18 24.90 1.2
iS 19 02.51
PCC 2.77 219 iPd 18 25.44 1.0
eS 19 00.90
TNP 2.83 124 eP 18 25.96 0.5
GCC 3.01 208 ePc 18 30.02 2.4
FOX 3.02 287 eP 18 30.04 2.2
SAO 3.08 199 iPc 18 29.53 0.8
FHC 3.10 292 eP 18 31.28 2.3
PRS 3.48 196 iPc 18 35.04 0.6
PRI 3.56 186 ePc 18 37.85 2.1
PHAM 3.85 182 (P) 18 41.43 1.7
TPNV 4.15 130 eP 18 44.71 0.7
ISA 4.25 161 eP 18 47.10 1.7
BCH 4.50 179 eP 18 48.95 -0.1
ABL 4.90 170 eP 18 56.87 2.1
ARUT 5.62 108 eP 19 03.75 -1.2
DUG 5.70 83 eP 19 05.63 -0.5
VGB 5.83 356 (P) 19 11.37 3.6
PEC 6.28 156 (P) 19 15.53 1.4
MSU 6.36 98 ePc 19 15.20 -0.2
PLM 6.88 156 (P) 19 29.03 6.4
HHA1 6.89 56 (P) 19 23.73 1.0
DAU 6.91 81 (P) 19 24.22 1.1
EMUT 7.24 86 eP 19 29.28 1.5
SRU 7.52 91 ePc 19 33.19 1.5
LRM 8.37 40 eP 19 46.60 3.1
36 obs. associated
* SEP 19, 1992 03h 19m 58.53±1.34s
29.007 N ±13.6km 129.320 E ±18.1km
DEPTH = 33.0km (normal)
4.6mb (4 obs.)
RYUKYU ISLANDS (238)
CN2 15.09 349 eP 23 36.80 6.0X
1.0s 22.00nm 4.4mb
Z 14s 0.88um 3.5Mszx
eP 23 45.00
MDJ 15.58 1 eP 23 36.80 -0.5
TIY 16.55 306 eP 23 54.10 4.4X
Z 16s 0.95um 4.7Msz
N 14s 0.97um
E 15s 0.44um
XAN 18.09 291 eP 24 09.10 0.1
Z 10s 0.45um

N 10s 0.48um
HHC 18.71 314 eP 24 18.00 1.4
Z 14s 0.59um
N 10s 0.17um
E 10s 0.38um
BTO 19.57 311 eP 24 26.00 -0.7
N 11s 0.29um
E 11s 0.25um
CD2 22.22 281 eP 24 50.90 -2.9
Z 12s 0.92um 4.4Mszx
E 10s 0.73um
eS 29 01.50
LZH 22.57 295 eP 24 59.00 1.6
2.0s 47.00nm 4.6mb
sP 25 13.50
KMI 23.96 267 eP 25 14.80 3.7X
GTA 26.41 301 P 25 33.50 -0.5
1.0s 15.00nm 4.6mb
Z 14s 1.16um 4.6Mszx
E 14s 1.42um
pP 25 40.00 23kmX
sP 25 44.00
GUN 38.05 279 P 27 19.60 3.4X
PKI 38.53 279 P 27 20.20 0.0
KKN 38.59 279 P 27 21.00 0.4
DMN 38.78 279 P 27 22.60 0.4
GKN 39.10 280 P 27 25.20 0.4
WB2 48.91 174 iPd 28 43.60 0.2
0.8s 5.30nm 4.6mb
S.D. = 1.3 on 12 of 16 obs.
* SEP 19, 1992 05h 14m 01.25±0.93s
27.523 S ±6.9km 68.959 W ±10.4km
DEPTH = 89.4 ±9.2 km
4.4mb (3 obs.)
CHILE-ARGENTINA BORDER REGION (127)
TLL 3.09 211 iPd 14 48.70 -0.4
iS 15 18.50
ZON 4.02 177 eP 15 02.50 0.8
ANT 4.02 341 eP 15 01.70 0.0
i 15 49.90
IHA 5.95 202 eP 15 34.00 5.5X
e(S) 16 37.50
CNCB 10.70 5 P 16 32.80 -1.1
LPB 10.97 4 P 16 38.00 0.7
ZOBO 11.21 4 P 16 39.70 -1.0
ARE 11.25 347 eP 16 58.00 17.0X
PPD 16.93 75 eP 17 55.60 1.7
RSTA 18.13 85 eP 18 23.70 15.1X
BAO 22.76 63 Pd 18 55.70 -1.2
e 19 01.20
e 19 03.50
e 19 15.20
BMA 22.95 83 eP 18 58.30 -0.3
SPA 62.63 180 iPd 24 18.00 -0.3
0.8s 17.00nm 5.1mb
KIC 70.53 72 P 25 08.20 -0.5
ALQ 71.53 328 ePd 25 17.00 2.4
1.0s 5.00nm 4.3mb
PV10 75.53 328 eP 25 38.40 0.5
SRU 76.81 328 eP 25 44.74 -0.2
MSU 77.13 327 eP 25 47.34 0.6
ARUT 77.20 325 eP 25 47.70 0.6
DAU 78.19 328 iPc 25 53.19 0.5
RSSD 78.20 335 eP 25 52.70 0.2
BW06 79.31 331 eP 25 57.00 -1.6
1.2s 3.42nm 4.1mb
HHA1 80.97 329 eP 26 08.12 0.8
ASPA 124.53 206 iPKPd 32 50.10 -2.1
0.5s 7.20nm
WB2 127.69 208 iPKPc 32 56.50 -1.8
0.4s 13.50nm
GBA 145.75 107 PKP 33 30.70 -0.8
HYB 148.42 102 ePKP 33 38.50 2.7
S.D. = 1.3 on 24 of 27 obs.
* SEP 19, 1992 05h 31m 06.69±0.50s
28.162 N ±10.3km 56.820 E ±5.1km
DEPTH = 33.0km (normal)
4.2mb (13 obs.)
SOUTHERN IRAN (353)
MAIO 8.42 15 eP 33 10.00 0.5
eS 35 28.00
RYD 9.77 252 eP 33 28.20 0.1
eS 35 16.00

19d 05h

MJMA 10.54 260 eP 33 37.67 -0.9
 OASM 12.01 263 eP 33 58.88 0.2
 GKN 24.52 84 P 36 24.40 -0.2
 DMN 24.99 85 P 36 30.98 1.8
 KKN 25.12 84 P 36 29.64 -0.7
 0.5s 24.00nm 5.1mb
 PK1 25.26 85 P 36 30.82 -1.0
 GUN 25.63 84 P 36 35.46 0.1
 GEC2 38.90 314 eP 38 30.30 -0.6
 1.5s 2.96nm 3.8mb

KHC 39.06 314 eP 38 31.50 -0.7
 38 42.40
 SBF 42.27 305 eP 38 59.30 0.6
 0.8s 6.05nm 4.4mb
 LPG 42.92 308 eP 39 05.20 1.0
 0.6s 2.55nm 4.1mb
 LPL 42.93 308 eP 39 04.40 0.1
 0.7s 2.55nm 4.1mb
 HFS 43.20 330 eP 39 04.60 -1.3
 0.6s 1.70nm 4.0mb
 NB2 44.70 330 P 39 16.30 -1.8
 0.7s 0.80nm 3.7mb
 SMF 45.04 309 eP 39 21.10 0.0
 0.5s 1.45nm 4.1mb
 SSF 45.31 310 eP 39 22.70 -0.5
 0.6s 1.80nm 4.2mb
 CAF 46.18 306 eP 39 30.90 0.8
 1.0s 5.60nm 4.5mb
 RJF 46.58 307 eP 39 34.10 0.9
 0.7s 3.00nm 4.4mb
 LPO 46.80 306 eP 39 35.80 0.9
 1.0s 4.60nm 4.4mb
 LFF 47.12 306 eP 39 38.20 0.7
 0.6s 4.50nm 4.6mb
 S.D. = 0.9 on 22 of 22 obs.

% SEP 19, 1992 05h 54m 38.16 ± 2.56s
 59.076 N ± 22.0km 5.794 E ± 7.9km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.4 (BER).

KMY 0.31 296 eP 54 44.64 0.0
 eS 54 48.85
 ODD1 0.94 27 eP 54 56.09 0.0
 eS 55 08.89
 EGD 1.23 347 eP 55 01.00 0.0
 eS 55 17.00
 ASK 1.44 348 eP 55 04.40 0.1
 eS 55 23.20
 NRA0 3.34 58 Pn 55 31.43 0.0
 Pg 55 37.46
 Sg 56 20.01
 S.D. = 0.1 on 5 of 5 obs.

% SEP 19, 1992 06h 13m 45.94 ± 0.54s
 42.642 N ± 4.5km 18.979 E ± 4.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

NKY 0.17 5 iPgD 13 50.56 0.7
 iSg 13 53.99
 TTG 0.30 135 iPgC 13 52.41 0.3
 iSg 13 57.44
 BDV 0.38 197 iPgD 13 53.84 0.2
 iSg 13 59.91
 HCY 0.40 241 iPgC 13 54.24 0.0
 iSg 14 00.75
 BRY 0.41 309 iPgD 13 53.96 -0.4
 iSg 14 00.55
 ULC 0.71 163 iPgD 13 59.75 -0.2
 iSg 14 10.41
 IVA 0.71 71 iPgC 13 59.65 -0.4
 iSg 14 10.48
 PVY 0.74 93 iPgC 14 00.34 -0.1
 iSg 14 11.41
 S.D. = 0.4 on 8 of 8 obs.

% SEP 19, 1992 06h 45m 36.24 ± 0.48s
 42.646 N ± 3.9km 18.975 E ± 4.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

NKY 0.17 6 iPgD 45 40.84 0.7

TTG 0.30 136 iPgC 45 44.39 0.3
 iSg 45 47.88
 BDV 0.38 197 iPgD 45 44.25 0.2
 iSg 45 50.10
 HCY 0.40 241 iPgD 45 44.50 0.0
 iSg 45 50.88
 BRY 0.41 309 iPgD 45 44.26 -0.3
 iSg 45 50.94
 ULC 0.71 163 iPgC 45 50.04 -0.2
 iSg 46 01.15
 IVA 0.72 71 iPgC 45 50.26 -0.1
 iSg 46 01.15
 PVY 0.74 94 iPgD 45 50.59 -0.2
 iSg 46 01.99
 PLE 0.75 24 iPgC 45 50.75 -0.2
 iSg 46 01.96
 S.D. = 0.4 on 9 of 9 obs.

% SEP 19, 1992 06h 58m 07.67 ± 1.02s
 41.124 N ± 9.3km 23.289 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS 0.23 92 ePg 58 12.60 0.0
 iSg 58 15.88
 KNT 0.30 277 iPg 58 13.69 -0.2
 eSg 58 17.80
 SOH 0.31 171 iPgC 58 14.14 0.1
 eSg 58 18.88
 THE 0.55 207 ePg 58 18.60 -0.2
 iSg 58 25.96
 GRG 0.69 256 ePg 58 21.72 0.3
 iSg 58 30.88
 S.D. = 0.3 on 5 of 5 obs.

? SEP 19, 1992 08h 00m 24.00 ± 8.02s
 31.958 S ± 64.0km 71.358 W ± 26.9km
 DEPTH = 70.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

JACH 0.97 138 iPd 00 42.43 -0.1
 iS 00 56.26
 ROCH 1.05 164 iPd 00 43.81 0.1
 iS 00 58.70
 PEL 1.31 155 iP+ 00 46.75 -0.1
 iS 01 04.43
 LCCH 1.52 187 iP 00 49.91 0.2
 iS 01 09.04
 FCH 1.64 147 iPd 00 51.62 0.1
 iS 01 13.20
 TACH 1.73 168 iPd 00 52.71 0.2
 iS 01 14.26
 PCH 1.80 157 iP 00 53.58 0.0
 iS 01 16.03
 LNV 1.99 181 eP 00 55.65 -0.4
 iS 01 19.37
 CHCH 2.06 163 iPd 00 56.87 -0.2
 iS 01 22.38
 CACH 2.25 164 eP 01 00.00 0.2
 iS 01 27.65
 S.D. = 0.3 on 10 of 10 obs.

? SEP 19, 1992 08h 11m 50.92 ± 2.17s
 30.456 S ± 20.2km 177.020 W ± 30.8km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)

KERMADEC ISLANDS, NEW ZEALAND (178)

RAO 1.43 327 P 12 15.00 0.2
 S 12 28.80
 BRS 26.58 269 iP 17 29.00 1.1
 CTA 34.64 279 iP 18 39.00 -0.4
 STK 35.29 257 eP 18 45.70 0.9
 WB2 44.93 272 eP 20 02.80 -1.9
 0.5s 6.00nm 4.7mb
 KAF 144.88 341 ePKP 31 25.60 0.2
 0.5s 1.40nm
 NUR 146.65 341 ePKP 31 32.80 4.4X
 0.5s 2.90nm
 NB2 148.93 352 PKP 31 39.40 7.3X
 0.8s 1.30nm
 HFS 149.46 349 ePKP 31 37.70 4.8X
 0.4s 0.50nm
 BAO 150.24 213 iPKPd 31 44.20 8.7X
 1.1s 6.00nm

S.D. = 1.4 on 6 of 10 obs.

? SEP 19, 1992 08h 15m 15.36 ± 3.49s
 61.894 N ± 18.6km 4.537 E ± 29.2km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 2.3 (BER).

SUE 0.85 173 eP 15 32.36 0.7
 eS 15 44.35
 HYA 1.08 132 eP 15 37.12 1.5
 eS 15 52.14
 ASK 1.45 167 eP 15 42.53 0.9
 eS 16 00.67
 MOL 1.56 63 eP 15 44.04 0.8
 eSg 16 05.63
 EGD 1.66 168 eP 15 43.50 -1.1
 eSg 16 08.97
 ODD1 2.24 152 eP 15 51.83 -1.2
 eS 16 17.38
 NRA0 3.57 106 Pn 16 10.18 -1.7
 Pg 16 17.43
 Sg 17 04.88
 S.D. = 1.6 on 7 of 7 obs.

SEP 19, 1992 08h 48m 32.78 ± 0.42s
 35.832 N ± 5.2km 141.116 E ± 5.3km
 DEPTH = 36.8km (2 depth phases)
 4.7mb (32 obs.) 4.0Msz (1 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ 0.85 296 iPd 48 47.80 -0.5
 S 48 56.40
 CHJJ 1.73 278 P 49 00.30 -0.8
 NIJ 2.21 310 iPd 49 08.40 0.7
 S 49 34.80
 MAT 2.46 288 iPd 49 11.10 -0.2
 (S) 49 37.00
 YAMJ 2.49 340 P 49 13.50 1.7
 eS 49 41.90
 IIDJ 2.63 263 P 49 15.70 1.8
 MTMJ 2.78 287 P 49 16.40 0.4
 OFUJ 3.27 8 iPd 49 24.70 1.8
 S 50 02.20
 TSRJ 4.19 267 P 49 37.30 1.4
 AOMJ 4.76 353 eP 49 45.50 1.6
 WKYJ 4.81 252 P 49 45.20 0.4
 TKSJ 6.09 254 P 50 03.20 0.4
 YONJ 6.27 266 eP 50 05.50 0.1
 MRRJ 6.58 360 eP 50 09.50 -0.1
 eS 51 23.20
 HOOJ 6.76 14 P 50 11.40 -0.6
 eS 51 26.10
 KUSJ 7.77 20 eP 50 24.30 -1.9
 S 51 46.50
 ASAJ 8.36 8 eP 50 32.20 -2.2
 SHNJ 8.39 261 eP 50 35.40 0.6
 KUMJ 9.13 252 eP 50 46.60 1.4
 KAGJ 9.71 244 eP 50 54.90 1.8
 KUR 10.70 27 eP 51 12.00 5.5X
 0.8s 110.00nm 6.1mb X
 eS 52 58.00
 YSS 11.24 6 eP 51 10.40 -3.5X
 0.7s 20.00nm 5.4mb
 Z 17s 0.40um 4.6MszX
 MDJ 12.42 318 eP 51 26.20 -3.6X
 2.0s 110.00nm 5.6mb
 CN2 14.42 308 eP 51 58.00 2.7X
 Z 20s 0.61um
 N 11s 0.19um
 E 11s 0.28um
 epP 52 08.30
 SNY 14.91 299 eP 52 01.20 -1.4
 Z 18s 0.59um
 TIA 19.40 278 eP 52 53.90 -4.8X
 1.6s 60.00nm 4.6mb
 BJI 20.09 290 eP 53 02.00 -3.9X
 1.4s 24.00nm 4.3mb
 Z 32s 0.46um 3.6MszX
 MGD 25.08 11 eP 53 56.00 0.9
 e 54 23.00 129kmX
 XAN 26.39 276 Pc 54 05.00 -2.7
 0.5s 10.00nm 4.7mb
 YAK 27.17 348 eP 54 13.50 -0.9
 1.2s 30.00nm 4.8mb
 BOD 28.37 329 eP 54 24.80 -0.5
 0.8s 19.00nm 4.8mb

19d 08h

LZH 30.05 282 eP 54 25.00 -15.8X
Z 18s 0.29um 4.0Msz
GYA 30.80 262 iPd 54 44.00 -3.4X
1.0s 9.60nm 4.5mb
ZAK 30.84 310 eP 54 48.00 0.7
1.4s 7.00nm 4.3mb
GTA 32.71 289 P 55 02.40 -1.6
1.0s 9.00nm 4.6mb
pP 55 12.50 36km
WMO 41.18 298 Pd 56 15.50 0.2
0.8s 18.00nm 4.9mb
NRI 44.10 336 eP 56 32.50 -6.2X
e 56 53.00 85kmX
GUN 47.04 277 P 57 02.96 -0.2
PKI 47.56 276 P 57 06.20 -1.0
0.4s 11.00nm 5.2mb
KKN 47.58 277 P 57 07.06 -0.1
DMN 47.79 277 P 57 07.82 -1.1
GKN 48.01 277 P 57 09.16 -1.3
PRZ 48.11 298 eP 57 11.00 -0.1
1.0s 30.00nm 5.3mb
FBA 50.25 32 eP 57 28.56 1.6
0.7s 2.74nm 4.4mb
KSH 50.70 295 P 57 31.50 0.6
WB2 55.84 188 iPd 58 08.50 -0.4
0.3s 13.10nm 5.4mb
SVE 55.90 319 ePc 58 08.00 -1.0
ARU 57.09 319 iPc 58 16.50 -1.0
1.0s 40.00nm 5.4mb
HYB 57.94 269 eP 58 22.20 -1.8
ASPA 59.57 188 iPc 58 35.30 0.2
0.4s 7.30nm 5.2mb
MBL 60.16 203 eP 58 38.40 -0.7
GBA 60.89 266 P 58 42.60 -1.7
WARB 63.18 195 eP 58 59.00 -0.4
FORT 67.39 192 eP 59 26.00 -0.4
KAF 69.26 333 iP 59 37.20 -0.6
0.7s 7.20nm 4.8mb
NUR 70.90 332 iP 59 47.10 -0.6
0.3s 1.90nm 4.6mb
HFS 75.08 336 eP 00 11.30 -1.0
0.9s 5.20nm 4.5mb
LRM 75.18 44 eP 00 15.40 2.0
NB2 75.20 337 P 00 12.80 -0.2
0.9s 6.60nm 4.6mb
SPC 80.43 325 e(P) 00 42.80 0.6
CLL 82.02 330 iP 00 50.60 0.4
1.0s 9.00nm 4.8mb
PRU 82.38 328 eP 00 52.50 0.4
e 01 06.00 46kmX
KHC 83.44 328 eP 00 48.20 -9.5X
e 01 14.50 100kmX
GEC2 83.60 328 eP 00 58.20 -0.4
1.1s 1.74nm 4.1mb
e 01 11.20 44kmX
e 01 15.50
e 01 20.60
ALO 85.55 50 eP 01 13.00 4.3X
pP 01 24.70 38km
CDF 86.58 331 eP 01 13.80 0.3
0.6s 2.45nm 4.6mb
LPL 89.15 330 eP 01 26.30 0.3
0.3s 0.85nm 4.5mb
LPG 89.16 330 eP 01 27.30 1.1
0.4s 1.30nm 4.6mb
SMF 89.36 332 eP 01 27.60 0.9
0.6s 2.00nm 4.6mb
AVF 89.42 332 eP 01 27.70 0.7
0.7s 3.75nm 4.8mb
LSF 90.56 333 eP 01 32.90 0.6
0.5s 2.75nm 4.8mb
PGF 90.58 327 eP 01 32.40 -0.2
0.9s 4.10nm 4.8mb
LMR 91.02 329 eP 01 34.40 0.0
1.0s 5.60nm 4.9mb
RJF 91.36 333 eP 01 36.90 0.9
1.0s 5.60nm 4.9mb
CAF 91.48 332 eP 01 37.80 1.2
ZOBO 147.50 61 PKP 08 18.00 4.9X
LPB 147.68 61 PKP 08 19.00 5.9X
CNCB 147.95 61 PKP 08 17.30 3.6X
S.D. = 1.1 on 64 of 78 obs.

? SEP 19, 1992 09h 24m 58.12±2.53s
5.621 S ±27.5km 146.872 E ±21.7km
DEPTH = 124.2 ± 13.7 km

4.5mb (2 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 1.05 173 eP 25 22.20 1.0
YYYY 1.09 236 eP 25 22.40 0.5
MDG 1.15 289 eP 25 21.60 -0.7
FINC 1.39 135 eP 25 25.00 0.1
PMG 3.77 176 eP 25 54.00 -1.5
eS 26 37.00
WB2 18.73 219 iPc 29 09.20 -0.8
0.3s 9.20nm 4.6mb
ASPA 21.86 214 iPc 29 43.30 1.4
0.4s 6.90nm 4.4mb
S.D. = 1.5 on 7 of 7 obs.

SEP 19, 1992 10h 00m 11.61±0.31s
27.862 S ± 6.7km 76.173 E ± 6.7km
DEPTH = 10.0km (geophysicist)
5.1mb (18 obs.)
MID-INDIAN RIDGE (429)

KRI 44.21 274 eP 08 24.90 1.9
HYB 45.07 3 eP 08 30.00 0.3
BDT 50.00 29 eP 09 08.30 0.2
CHG 51.37 28 ePd 09 19.00 0.4
1.5s 36.11nm 5.1mb
ASPA 51.76 99 eP 09 22.10 0.4
0.8s 9.10nm 4.8mb
WB2 53.36 95 iPd 09 33.40 -0.3
0.8s 4.30nm 4.5mb
NVL 55.55 201 eP 09 47.00 -2.0
1.8s 36.00nm 5.1mb
e 10 23.00
DMN 55.82 10 P 09 51.72 0.1
PKI 55.82 10 P 09 50.68 -1.1
KKN 56.02 10 P 09 52.74 -0.3
STK 56.11 111 eP 09 53.90 0.4
GKN 56.14 9 P 09 53.42 -0.4
GUN 56.23 10 P 09 54.62 -0.1
LSA 59.00 15 iPd 10 14.90 0.5
0.7s 64.00nm 5.9mb
GYA 61.45 31 P 10 31.20 0.4
1.2s 16.00nm 5.1mb
sP 10 42.80
SPA 62.30 180 iPd 10 36.10 -0.1
1.2s 16.20nm 5.1mb
CTA 63.75 180 iP 10 47.00 0.8
CD2 64.10 26 eP 10 47.40 -0.8
BCAO 64.10 291 iPc 10 47.20 -1.3
1.2s 28.00nm 5.3mb
MAIO 65.72 345 eP 10 57.00 -1.7
KSH 66.97 360 P 11 07.00 0.4
ASH 67.56 345 eP 11 09.50 -0.7
XAN 68.94 29 P 11 18.30 -0.7
1.0s 7.10nm 4.8mb
MBH 69.59 322 eP 11 28.10 5.0X
PRZ 70.02 2 eP 11 25.00 -0.5
1.8s 60.00nm 5.4mb
GTA 70.46 19 P 11 27.50 -0.8
1.5s 22.00nm 5.1mb
pP 11 36.00 27kmX
DSI 70.73 324 eP 11 34.90 5.0X
MMR 71.83 325 eP 11 41.50 4.8X
WMO 72.11 9 Pd 11 38.10 0.1
1.0s 24.00nm 5.2mb
TIY 73.56 29 eP 11 46.90 0.2
Z 30s 0.63um 4.7MszX
BTO 75.01 26 eP 11 54.60 -0.5
GRO 76.20 338 eP 12 01.00 -0.6
1.0s 110.00nm 5.9mb
PYA 77.71 336 eP 12 10.00 0.0
ZAK 81.52 17 eP 12 31.00 0.7
2.0s 31.00nm 5.0mb
MOY 82.15 15 eP 12 34.20 0.7
VAY 84.84 323 eP 12 48.00 0.5
KIC 84.96 280 P 12 49.60 0.9
ARU 85.25 350 ePd 12 50.00 0.8
1.6s 80.00nm 5.7mb
TIC 85.34 280 P 12 51.00 0.4
SVE 85.36 352 ePd 12 51.00 1.2
1.9s 40.00nm 5.3mb
VRI 86.01 328 ePd 12 54.00 0.7
CIT 86.03 22 eP 12 54.00 0.7
MLR 86.10 327 ePd 12 54.50 0.6
MAT 86.63 45 eP 12 56.00 -0.6
1.3s 23.00nm 5.2mb
MOS 89.53 339 eP 13 10.00 0.0

BOD 91.14 19 eP 13 17.80 0.4
GEC2 94.51 324 eP 13 32.90 -0.3
1.1s 1.47nm 4.3mb
e 13 40.30
KHC 94.75 324 eP 13 33.50 -0.7
e 13 41.50
NRI 97.37 4 ePc 13 45.50 -0.1
S.D. = 0.8 on 46 of 49 obs.

* SEP 19, 1992 11h 01m 51.27±1.33s
51.115 N ±14.6km 15.833 E ± 6.7km
DEPTH = 10.0km (geophysicist)
POLAND (548)

KSP 0.40 133 iPd 01 57.80 -1.6
iS 02 05.80
BRG 1.22 259 iPg 02 13.40 -0.5
iSg 02 33.50
PRU 1.40 217 Pn 02 17.20 0.4
0.5s 7.00nm
Pg 02 18.50
e 02 22.50
Sn 02 35.30
Sg 02 42.00
e 02 47.50
CLL 1.79 277 ePn 02 22.00 -0.4
ePg 02 24.00
eSg 02 47.00
VRAC 1.87 165 ePn 02 24.00 0.4
0.2s 3.00nm
eSg 02 54.40
KHC 2.46 217 Pn 02 32.80 0.7
Pg 02 38.00
Sn 03 06.40
eSg 03 15.80
OJC 2.68 188 eP 02 36.30 1.1
iS 03 11.60
MOX 2.71 262 ePg 02 41.50 5.8X
iSg 03 21.00
WET 2.74 225 ePn 02 35.90 -0.2
S.D. = 1.0 on 8 of 9 obs.

% SEP 19, 1992 11h 06m 40.10±0.86s
39.217 N ± 7.1km 27.777 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

DST 0.76 59 iPn 06 55.00 -0.1
IZM 0.91 206 iPn 06 57.50 -0.1
eSg 07 11.00
KCT 1.12 23 iPn 07 01.90 0.7
EDC 1.13 3 ePn 07 01.00 -0.3
BNT 1.14 5 ePn 07 00.90 -0.6
EZU 1.28 299 ePn 07 04.00 0.2
S.D. = 0.6 on 6 of 6 obs.

? SEP 19, 1992 12h 24m 22.11±1.04s
27.306 N ±18.5km 127.724 E ±20.3km
DEPTH = 33.0km (normal)
4.2mb (4 obs.)
RYUKYU ISLANDS (238)

GUN 36.96 281 P 31 31.60 1.0
PKI 37.42 280 P 31 34.20 -0.3
KKN 37.50 281 P 31 33.80 -1.2
GKN 38.03 281 P 31 39.60 0.3
WB2 47.41 172 iPc 32 55.30 0.0
0.7s 6.10nm 4.7mb
HFS 77.66 332 eP 36 16.10 -0.5
0.3s 0.80nm 4.2mb
NB2 78.15 334 P 36 19.10 -0.3
0.5s 1.50nm 4.3mb
GEC2 84.07 323 ePc 36 51.80 0.9
0.7s 1.11nm 4.1mb
e 36 58.70
S.D. = 0.9 on 8 of 8 obs.

* SEP 19, 1992 12h 30m 05.74±0.64s
9.784 N ± 7.8km 78.836 W ±12.2km
DEPTH = 33.0km (normal)
4.3mb (10 obs.)
PANAMA (81)
Felt at Panama City.

PCJ 8.07 11 iPd 32 03.51 -0.2
YHJ 8.37 16 iPd 32 08.61 0.8
HOJ 8.42 14 iPd 32 09.09 0.7

19d 12h

STH 8.47 13 iPd 32 08.33 -0.9
 GWJ 8.49 14 iPd 32 09.83 0.3
 JSC 24.48 355 eP 35 24.68 1.6
 ZOBO 27.99 158 P 35 56.80 0.3
 Z 20s 0.09um 3.3mz
 LR 44 50.00
 OLY 28.07 338 eP 35 56.07 -0.3
 CNCB 28.52 158 eP 36 03.00 1.8
 FVM 29.95 341 eP 36 13.16 -0.1
 0.8s 23.89nm 5.0mb
 JFWS 34.48 345 eP 36 52.28 -0.4
 0.6s 21.76nm 5.3mb
 ALQ 35.54 319 iPd 37 03.11 1.0
 0.8s 4.81nm 4.5mb
 e 37 18.07
 GOL 38.03 326 eP 37 23.88 0.9
 0.6s 4.48nm 4.5mb
 RSSD 40.59 332 eP 37 44.29 0.1
 0.8s 3.41nm 4.1mb
 DAU 41.90 322 eP 37 55.24 0.1
 BW06 42.43 326 eP 37 59.50 0.1
 0.8s 2.02nm 3.9mb
 PEC 42.53 310 (P) 37 59.86 -0.2
 0.8s 2.20nm 3.9mb
 TNP 44.49 316 eP 38 16.88 0.8
 0.6s 1.88nm 4.1mb
 BONR 45.18 315 eP 38 22.48 0.7
 i 38 38.25
 LRM 46.00 327 eP 38 28.20 0.1
 NEW 50.02 327 eP 38 56.50 -2.6
 1.0s 6.00nm 4.6mb
 GEC2 84.38 42 ePd 42 34.30 -1.9
 0.8s 1.10nm 4.1mb
 e 42 42.30
 e 42 51.90
 GKN 139.17 23 PKP 49 44.00 12.0X
 KKN 139.61 22 PKP 49 46.80 13.9X
 PKI 139.85 22 PKP 49 45.60 12.1X
 ASPA 145.85 242 iPKPc 49 40.80 -2.8
 1.0s 9.20nm

S.D. = 1.2 on 23 of 26 obs.

% SEP 19, 1992 13h 16m 51.43 ± 1.59s
 44.993 N ± 6.4km 6.786 E ± 13.4km
 DEPTH = 5.0km (geophysicist)
 FRANCE (538)
 ML 1.5 (GEN).
 RRL 0.07 181 P 16 53.54 0.2
 S 16 54.77
 RSP 0.37 64 P 16 58.98 0.1
 S 17 05.23
 BHB 0.37 114 P 16 58.98 0.1
 S 17 05.23
 LSD 0.53 29 P 17 02.05 -0.1
 S 17 09.64
 PZZ 0.54 155 P 17 01.95 -0.3
 S 17 09.64

S.D. = 0.2 on 5 of 5 obs.

% SEP 19, 1992 13h 19m 19.74 ± 2.52s
 43.083 N ± 13.3km 13.431 E ± 25.1km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 ARV 0.55 319 P 19 29.70 -1.1
 eSg 19 38.60
 ASS 0.56 269 P 19 30.60 -0.6
 eSg 19 40.30
 AQU 0.73 182 P 19 34.00 -0.1
 eSn 19 47.00
 CRE 1.21 297 P 19 43.40 1.1
 eSg 20 00.20
 PGD 1.48 303 P 19 47.30 0.8
 eSg 20 05.40

S.D. = 1.3 on 5 of 5 obs.

SEP 19, 1992 14h 20m 04.50 ± 0.26s
 6.250 S ± 4.3km 26.658 E ± 6.0km
 DEPTH = 16.4km (6 depth phases)
 4.8mb (27 obs.)
 ZAIRE (567)
 mbLg 4.6 (BUL). Felt at Kobolo.
 LWI 4.52 28 iPd 21 14.40 0.3
 iS 22 18.10
 KRI 10.91 165 iPn 22 41.90 -1.2

SONG 11.07 148 eSn 22 47.50
 iSn 24 37.10
 iSg 25 44.40
 ePn 22 47.50 2.3
 eSn 24 54.00
 eSg 25 48.80
 NA 11.26 64 ePn 22 46.00 -2.1
 eSn 25 35.00
 BCAO 13.36 322 iPd 23 11.00 -5.0X
 0.9s 14.00nm 5.0mb
 iS 25 34.00
 LG 27 14.00
 BUL 13.94 172 iPn 23 22.10 -1.7
 iSn 25 53.40
 iSg 27 23.90
 WIN 18.66 209 iPc 24 25.00 1.0
 1.3s 263.46nm 5.3mb
 S 27 49.20
 SLR 19.44 176 eP 24 29.00 -4.4X
 S 28 09.50
 KIM 22.45 184 iPd 25 03.50 -0.9
 1.0s 85.00nm 5.2mb
 S 29 38.00
 BLF 22.74 181 iPc 25 06.10 -1.2
 (S) 28 46.70
 KIC 33.75 291 P 26 47.40 -0.3
 LIC 33.96 291 P 26 47.40 -2.1
 TIC 34.11 292 P 26 49.80 -1.0
 VAY 47.49 356 iP 28 41.00 0.5
 i 28 47.00 20km
 SKO 48.22 355 eP 28 47.00 0.7
 EGUA 51.34 329 eP 29 14.50 4.2X
 MLR 51.51 359 ePc 29 12.00 0.5
 ECOG 51.69 329 eP 29 14.70 1.7
 EJIF 52.06 327 eP 29 17.40 1.7
 EVIA 52.22 331 eP 29 17.90 0.9
 ELUQ 52.26 329 eP 29 18.00 0.7
 EPRU 52.32 328 eP 29 17.50 -0.2
 EROQ 52.68 335 eP 29 21.40 1.1
 PTJ 52.79 351 eP 29 25.50 4.4X
 SBF 52.82 343 eP 29 23.00 1.6
 1.0s 17.60nm 4.9mb
 EHOR 52.97 328 eP 29 22.50 0.1
 EVAL 53.59 327 eP 29 26.00 -1.0
 ETOR 53.75 333 eP 29 29.80 1.5
 TOL 53.94 331 iPc 29 30.50 0.9
 eS 41 20.00
 EGRA 54.12 335 eP 29 29.00 -1.8
 GBA 54.13 68 P 29 30.40 -0.9
 PSZ 54.26 354 e(P) 29 31.10 -0.8
 KBA 54.39 349 iPc 29 33.00 0.0
 1.0s 7.80nm 4.7mb
 i 29 38.40 18km
 EPF 54.56 336 eP 29 34.60 0.4
 1.0s 8.40nm 4.7mb
 GUD 54.58 331 eP 29 34.50 0.1
 EPLA 55.08 330 eP 29 35.60 -2.4
 SPC 55.49 355 eP 29 41.20 0.2
 CAF 55.52 339 eP 29 41.40 0.3
 1.1s 10.75nm 4.8mb
 LPO 55.63 338 eP 29 41.90 0.0
 1.3s 24.20nm 5.1mb
 LFF 56.02 338 eP 29 44.80 0.2
 VRAC 56.02 352 iPc 29 48.90 4.4X
 1.5s 65.60nm 5.4mb
 GEC2 56.03 350 ePc 29 44.10 -0.7
 1.1s 4.57nm 4.4mb
 e 29 46.60 8km
 e 29 49.60
 e 29 52.20
 e 29 55.00
 RJF 56.05 339 eP 29 45.00 0.1
 1.3s 18.05nm 4.9mb
 KHC 56.32 350 eP 29 46.50 -0.3
 1.1s 6.30nm 4.6mb
 e 29 52.40 19km
 SMF 56.43 341 eP 29 47.30 -0.3
 1.1s 9.30nm 4.7mb
 MAF 56.48 340 eP 29 48.50 0.5
 1.1s 16.35nm 5.0mb
 BSF 56.63 344 eP 29 48.50 -0.6
 1.0s 8.40nm 4.7mb
 TCF 56.66 340 eP 29 49.60 0.3
 1.0s 10.40nm 4.8mb
 GRB5 56.66 348 eP 29 49.30 0.0
 e 29 53.90 15km
 BGF 56.68 341 eP 29 49.30 -0.1

LBF 56.69 342 eP 29 48.80 -0.7
 1.1s 7.55nm 4.6mb
 AVF 56.72 341 eP 29 49.40 -0.2
 1.2s 17.55nm 5.0mb
 LSF 56.86 339 eP 29 50.60 -0.1
 SSF 56.91 341 eP 29 50.40 -0.6
 1.0s 7.20nm 4.7mb
 LOR 56.98 342 eP 29 50.80 -0.7
 1.1s 6.85nm 4.6mb
 CDF 57.03 345 eP 29 51.20 -0.8
 1.1s 8.80nm 4.7mb
 MFF 57.76 338 eP 29 56.90 -0.1
 0.9s 7.35nm 4.7mb
 BRG 57.94 351 e(P) 29 57.40 -0.8
 CLL 58.52 350 eP 30 07.00 4.8X
 LPF 59.29 339 eP 30 07.20 -0.5
 1.3s 22.40nm 5.1mb
 GKN 65.44 56 P 30 49.26 0.0
 DMN 65.68 56 P 30 50.46 -0.5
 KKN 65.89 56 P 30 51.82 -0.4
 PKI 65.92 56 P 30 51.84 -0.7
 MAW 65.97 166 P 30 53.79 2.1
 EKA 66.17 342 Pc 30 53.10 -0.1
 0.9s 4.80nm 4.7mb
 GUN 66.43 56 P 30 55.18 -0.7
 NUR 66.57 359 eP 30 52.50 -3.1X
 KAF 68.16 360 iP 31 05.40 -0.2
 0.4s 2.10nm 4.7mb
 NB2 68.17 352 P 31 05.60 -0.2
 1.0s 8.20nm 4.8mb
 CHG 75.41 69 eP 31 50.50 0.7
 GTA 81.10 49 P 32 22.20 1.5
 1.0s 19.00nm 5.1mb
 pP 32 28.00 18km
 XAN 87.08 55 P 32 52.20 1.2
 BTO 89.00 49 eP 33 02.40 2.2
 CNCB 92.63 253 P 33 19.00 1.0
 ZOBO 92.84 253 P 33 19.70 0.7
 S.D. = 1.0 on 69 of 76 obs.

& SEP 19, 1992 15h 49m 56.59s
 34.386 N 116.454 W
 DEPTH = 2.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC 0.77 230 eP 50 10.79 -1.1
 SSK 1.04 261 eP 50 15.98 -1.1
 eS 50 30.11
 PLM 1.08 198 eP 50 16.61 -1.2
 GLA 1.90 134 (Pn) 50 30.43 0.1
 ePg 50 31.74
 ISA 2.09 308 (Pn) 50 33.35 0.2
 ePg 50 35.09
 ABL 2.33 282 ePn 50 33.88 -2.8
 ePg 50 38.78
 TPNV 2.56 4 (Pn) 50 39.87 -0.1
 BONR 3.86 338 (Pn) 50 58.80 0.2
 ePg 51 09.64
 MSU 5.37 39 (P) 51 26.90 7.0
 9 obs. associated

? SEP 19, 1992 17h 44m 49.12 ± 2.57s
 7.272 S ± 13.2km 128.437 E ± 20.0km
 DEPTH = 125.8 ± 30.6 km
 4.4mb (2 obs.)
 BANDA SEA (280)

MTN 6.14 155 eP 46 20.00 1.2
 0.3s 126.00nm 5.7mb X
 eS 47 25.00
 KNA 8.43 178 eP 46 49.30 -0.6
 eS 48 16.00
 WB2 13.84 156 eP 47 59.40 -1.8
 0.2s 6.40nm 4.6mb
 eS 50 22.20
 MBL 16.12 210 eP 48 29.70 -0.1
 eS 51 19.00
 ASPA 17.13 163 iPd 48 43.30 1.0
 0.8s 12.10nm 4.2mb
 eS 51 41.10
 WARB 18.89 185 eP 49 02.00 -0.5
 NANU 19.64 218 eP 49 10.00 -0.3
 MEEK 21.41 205 eP 49 28.00 -0.2
 MRWA 24.78 207 eP 50 02.20 1.4
 PKI 54.13 312 P 54 03.80 -0.2
 KKN 54.35 312 P 54 05.60 0.2

GKN 54.94 312 P 54 09.40 -0.2 S.D. = 1.0 on 12 of 12 obs.				OPT 0.54 195 ePc 33 33.40 -0.8 eS 33 48.00				CHCH 0.21 327 iS 50 05.20 iPd 49 54.18 -0.1			
? SEP 19, 1992 18h 46m 28.83± 4.64s 16.587 N ±33.0km 96.867 W ±24.9km DEPTH = 19.3 ± 8.3 km OAXACA, MEXICO (60)				PDB 0.73 239 iPd 33 34.60 -0.9 eS 33 49.96				PCH 0.49 360 iPd 49 55.80 0.1 iS 50 07.70			
OXX 0.51 16 iP 46 39.00 -0.1 iS 46 46.50				AUL 0.83 197 eP 33 35.59 -0.7 eS 33 52.33				TACH 0.58 322 eP 49 56.29 0.0 iS 50 09.20			
IISM 2.44 349 iP 47 08.50 0.2 iS 47 37.00				HOM 0.84 127 ePc 33 35.78 -0.6 eS 33 51.56				SAN 0.67 349 eP 49 56.66 -0.5 iS 50 10.09			
IIT 2.78 331 (P) 47 13.50 0.0				AUE 0.84 195 eP 33 35.53 -0.9				LNV 0.76 282 eP 49 57.98 0.1 iS 50 11.83			
ACX 2.88 276 eP 47 14.50 -0.1				AUW 0.85 198 eP 33 35.54 -0.9				FCH 0.81 13 iP+ 49 58.86 0.1 iS 50 13.41			
PPM 2.98 326 iP 47 16.70 0.2				AUH 0.85 197 eP 33 35.84 -0.7				PEL 0.98 351 iPd 50 00.40 0.2 iS 50 15.77			
III 3.05 306 iP 47 18.00 0.7				AUI 0.87 196 eP 33 36.22 -0.5				LCCH 1.09 306 eP 50 01.35 0.0 iS 50 17.02			
UNM 3.51 321 eP 47 24.00 0.2				XLV 0.95 139 iPd 33 36.15 -1.2				ROCH 1.21 340 eP 50 03.11 0.0 iS 50 21.38			
MRX 5.15 308 (P) 47 45.00 -1.8				BKG 0.96 20 iPd 33 36.78 -0.8				JACH 1.43 357 eP 50 05.59 0.0 iS 50 25.10			
COLM 6.99 293 (P) 48 13.50 0.6				NKA 1.02 55 ePd 33 38.84 0.8				S.D. = 0.2 on 11 of 11 obs.			
S.D. = 0.9 on 9 of 9 obs.				CKL 1.07 16 iPd 33 38.00 -0.7				% SEP 19, 1992 22h 00m 26.62± 0.72s 17.820 N ± 8.3km 99.962 W ± 6.3km DEPTH = 31.1 ± 7.1 km GUERRERO, MEXICO (59)			
% SEP 19, 1992 19h 15m 40.91± 1.48s 44.944 N ± 6.7km 6.608 E ± 12.0km DEPTH = 10.0km (geophysicist) FRANCE (538) ML 1.6 (GEN).				CKT 1.10 19 eP 33 37.98 -0.9				III 0.73 40 iP 00 41.50 0.7 iS 00 51.00			
BNJ 0.12 23 Pc 15 44.20 0.2 eSg 15 45.80				SPU 1.11 23 iPd 33 38.06 -0.9				ACX 0.95 174 iP 00 43.50 -0.3 iS 00 56.00			
RRL 0.13 101 P 15 44.55 0.3 S 15 46.40				BRK 1.12 111 eP 33 37.97 -1.1				UNM 1.68 26 iP 00 54.00 -0.5 iS 01 15.00			
BHB 0.48 102 P 15 50.81 0.2 S 15 57.58				BGL 1.13 14 iPd 33 38.74 -0.5				PPM 1.77 45 iP 00 55.50 -0.6 iP 00 58.50 -0.3			
RSP 0.50 65 P 15 51.01 -0.2 S 15 59.11				CPKM 1.15 18 iPd 33 38.38 -1.2				IIT 1.97 52 iP 01 22.50 iS 01 25.00			
PZZ 0.56 141 P 15 52.14 -0.3 S 16 00.86				CRP 1.17 19 eP 33 38.30 -1.4				MRX 2.21 328 iP 01 01.00 -0.8 iS 01 27.00			
LPG 0.56 10 Pg 15 52.50 0.0 Sg 15 59.70				CGLM 1.23 22 iPd 33 39.38 -0.9				IISM 2.72 64 iP 01 41.50 0.0 (S) 01 41.50			
LPL 0.58 9 Pg 15 53.00 0.2 Sg 16 00.40				CDD 1.30 196 iPd 33 39.37 -1.6				OXX 3.18 103 iP 01 16.50 0.7 iS 01 53.00			
LSD 0.64 37 P 15 53.58 -0.4 S 16 01.98				NCG 1.30 17 iPd 33 40.22 -0.8				COLM 3.79 292 iP 01 23.00 -1.4 (S) 02 12.00			
S.D. = 0.3 on 8 of 8 obs.				SLKM 1.40 75 iPd 33 40.60 -1.5				CGX 3.81 300 (P) 01 26.50 1.8 AGX 4.60 332 (P) 01 36.50 0.7			
? SEP 19, 1992 19h 59m 26.22± 8.17s 7.395 S ±83.7km 126.455 E ±21.6km DEPTH = 346.9 ± 26.1 km 4.7mb (5 obs.) BANDA SEA (280)				KDC 2.44 174 ePd 33 51.58 -3.2 eS 34 20.54				S.D. = 1.1 on 11 of 11 obs.			
MTN 7.11 140 iPc 01 10.80 0.3 0.4s 50.00nm 4.9mb				KNK 2.53 59 ePd 33 53.26 -2.7				% SEP 19, 1992 22h 09m 23.08s 60.770 N 151.831 W DEPTH = 78.0km KENAI PENINSULA, ALASKA (14) <AEIC>.			
KNA 8.61 165 eP 01 28.20 -0.1				GHO 2.54 49 eP 33 53.56 -2.5				NKA 0.29 95 eP 09 36.75 1.5			
WB2 14.64 149 iPc 02 38.70 -1.0 0.5s 14.00nm 4.6mb				KNIM 2.61 84 ePd 33 53.76 -3.1				RDT 0.34 235 iP 09 35.21 -0.5 eS 09 45.10			
MBL 15.11 204 iPc 02 44.30 -0.4 0.3s 9.00nm 4.6mb				MTU 2.66 92 eP 33 55.76 -1.9				BKG 0.37 325 eP 09 35.31 -0.6 eS 09 45.54			
ASPA 17.69 157 iPd 03 12.60 0.9 0.3s 13.40nm 4.8mb				SML 2.79 52 ePd 33 56.57 -2.7				SPU 0.43 345 eP 09 35.71 -0.6 eS 09 46.13			
QIS 18.26 137 eP 03 17.20 -0.2 0.1s 22.00nm 5.4mb				GLI 2.98 74 eP 33 57.84 -4.0				DFR 0.46 247 eP 09 35.78 -0.8 eS 09 46.25			
WARB 18.69 179 eP 03 22.00 0.3				SCM 3.21 56 iPd 34 02.16 -2.7				CKT 0.47 337 eP 09 35.54 -1.1 S 09 45.86			
MEEK 20.54 200 eP 03 40.00 0.2				FID 3.26 77 eP 34 01.59 -3.9				CKN 0.49 340 eP 09 36.30 -0.5 eS 09 46.96			
S.D. = 0.8 on 8 of 8 obs.				VLZ 3.40 71 eP 34 04.32 -3.0				CKL 0.49 330 eP 09 36.24 -0.7 REF 0.51 237 iP 09 36.53 -0.6			
% SEP 19, 1992 21h 33m 14.93s 60.172 N 152.951 W DEPTH = 127.0km SOUTHERN ALASKA (2) <AEIC>.				TRF 3.53 20 ePc 34 07.16 -2.1				CRP 0.52 343 iP 09 36.72 -0.5 eS 09 47.48			
RED 0.26 20 ePc 33 32.04 0.7 eS 33 45.37				KLU 3.69 66 iPd 34 08.31 -3.0				CGLM 0.55 351 iP 09 36.80 -0.6 RSO 0.55 236 iP 09 36.87 -0.7			
RS1 0.30 18 ePc 33 32.36 0.7				RND 3.78 29 eP 34 10.60 -2.0				RS2 0.55 236 eP 09 36.90 -0.6 eS 09 48.01			
RS2 0.31 18 ePc 33 32.37 0.7				TOA 3.82 57 P 34 10.60 -2.4				RS1 0.55 236 iP 09 36.97 -0.6 eS 09 48.38			
RSO 0.31 19 ePc 33 32.37 0.7				SGAM 3.86 82 eP 34 10.78 -2.8				RDW 0.56 240 eP 09 36.95 -0.7 eS 09 48.18			
RDW 0.32 13 iPc 33 32.34 0.7				MCK 4.04 26 eP 34 14.34 -1.7				BGL 0.57 331 eP 09 36.84 -0.7 NCT 0.58 249 eP 09 36.85 -0.8			
REF 0.34 21 eP 33 31.72 0.0				TZL 4.11 60 eP 34 14.48 -2.4				NCG 0.66 346 eP 09 37.86 -0.6 SLKM 0.84 108 eP 09 39.67 -0.7			
RDN 0.36 15 eP 33 32.73 1.0				SDG 4.28 53 eP 34 16.90 -2.3				SUA 0.87 37 eP 09 40.58 -0.3			
NCT 0.39 2 ePc 33 32.71 -0.8				PAX 4.55 49 eP 34 20.41 -2.5							
DFR 0.44 17 eP 33 32.47 -1.2				GLB 4.65 70 eP 34 21.39 -2.9							
RDT 0.49 34 iPc 33 32.99 -0.9 eS 33 48.21				NEA 4.77 21 ePd 34 23.32 -2.6							
				WRH 4.87 26 ePd 34 24.53 -2.7							
				WAX 5.03 82 eP 34 26.84 -2.6							
				TGL 5.04 79 eP 34 27.33 -2.3							
				CCB 5.09 26 ePd 34 27.24 -2.9							
				HDA 5.09 31 ePd 34 27.38 -2.7							
				BALM 5.30 76 eP 34 30.66 -2.4							
				FBA 5.31 24 eP 34 30.13 -3.0							
				GLM 5.47 26 ePc 34 32.73 -2.7							
				YAH 5.58 83 eP 34 35.33 -1.8							
				CTGM 5.79 77 eP 34 37.95 -1.9							
				74 obs. associated							
				% SEP 19, 1992 21h 49m 39.69± 0.98s 34.113 S ±11.6km 70.512 W ±12.7km DEPTH = 100.0km (geophysicist) CHILE-ARGENTINA BORDER REGION (127) MD 3.8 (SAN).							
				CACH 0.07 267 iPd 49 54.15 0.1							

19d 22h

eS 09 54.27				WB2 47.29 263 iPd 43 04.40 -2.7 1.9s 40.00nm 5.5mb
HOM 1.12 175 eP 09 43.06 -0.7				0.5s 8.80nm 5.0mb
PMS 1.20 66 iP 09 44.58 -0.3				47.30 263 P 43 04.80 -2.4 1.4s 21.00nm 5.4mb
eS 10 01.62				0.9s 3.30nm 4.3mb
SKT 1.22 7 eP 09 44.14 -1.0				FORT 51.18 248 eP 43 35.00 -1.9
MPA 1.25 102 eP 09 44.58 -0.8				WARB 53.04 254 eP 43 48.00 -3.0
PWA 1.29 46 eP 09 46.33 0.4				CSY 63.13 206 P 45 07.40 6.4X
eS 10 04.25				NANU 63.71 255 eP 45 04.00 -1.5
OPT 1.32 213 eP 09 45.92 -0.5				SPA 67.25 180 iPc 45 30.30 2.4
SEW 1.36 118 eP 09 45.82 -1.0				1.1s 22.62nm 5.2mb
PTE 1.38 85 eP 09 46.12 -1.0				MAT 73.93 322 eP 46 06.00 -2.4 1.1s 15.19nm 4.9mb
PDB 1.53 231 eP 09 47.74 -1.4				KUSJ 75.52 331 eP 46 16.30 -1.0
PLRM 1.55 57 eP 09 48.80 -0.5				HOJO 75.62 329 eP 46 13.30 -4.6X
GHO 1.73 53 eP 09 50.58 -1.3				ASAJ 77.26 330 eP 46 27.10 0.0
SML 1.98 57 eP 09 53.62 -1.7				BCH 77.58 43 eP 46 30.35 1.1
MCNL 2.03 219 eP 09 54.43 -1.4				ISA 78.90 44 eP 46 36.55 0.1
CDD 2.06 207 eP 09 55.08 -1.3				1.3s 31.75nm 5.2mb
KNIM 2.07 100 eP 09 53.40 -3.0				CMB 79.22 41 ePd 46 37.88 -0.2
SYI 2.19 188 eP 09 56.88 -1.1				1.3s 16.60nm 4.9mb
MTU 2.22 109 eP 09 56.52 -2.0				ORV 79.55 39 ePd 46 39.53 -0.3
GLI 2.32 85 eP 09 56.76 -3.2				LTCM 79.62 38 (P) 46 40.76 0.6
FID 2.63 88 eP 10 00.50 -3.6				WDC 79.64 38 eP 46 40.12 -0.1
VLZ 2.71 80 eP 10 02.71 -2.5				1.2s 32.25nm 5.2mb
TRF 2.79 14 eP 10 05.60 -0.9				GLA 79.73 48 eP 46 41.54 0.6
KLU 2.96 73 iP 10 06.51 -2.3				MAW 80.33 199 eP 46 46.00 2.4
42 obs. associated				1.0s 18.00nm 5.0mb
% SEP 19, 1992 22h 17m 48.80±1.68s				BONR 80.44 42 ePd 46 45.06 0.1
38.153 N ±19.8km 15.135 E ±10.2km				LBFM 80.51 37 ePd 46 45.09 -0.1
DEPTH = 10.0km (geophysicist)				TPNV 81.11 44 eP 46 48.81 0.5
SICILY (398)				0.8s 8.88nm 4.8mb
				TNP 81.19 42 eP 46 48.30 -0.5
				1.2s 23.53nm 5.1mb
				TUC 82.12 50 eP 46 54.00 0.4
				1.0s 10.23nm 4.8mb
				BMW 83.27 33 eP 46 59.67 0.5
				ARUT 83.40 44 ePd 47 00.55 0.3
				SHW 83.58 34 eP 47 01.06 0.2
				LON 84.18 33 eP 47 03.21 -0.6
				MDJ 84.21 324 eP 47 04.00 0.1
				1.5s 70.00nm 5.6mb
				GMW 84.23 32 eP 47 03.08 -0.9
				MSU 84.64 44 ePd 47 06.22 -0.3
				RMW 84.66 33 eP 47 05.96 -0.2
				SNY 85.98 319 eP 47 13.40 0.6
				CN2 86.04 321 P 47 13.20 0.2
				1.0s 31.00nm 5.5mb
				SRU 86.04 45 eP 47 13.51 0.1
				SIT 86.25 20 P 47 20.00 6.2X
				Z 21s 1.28um 5.3msz
				WHN 86.29 305 eP 47 15.00 0.5
				DAU 86.30 43 eP 47 15.76 0.9
				IPM 86.46 276 ePd 47 16.40 0.6
				0.9s 36.50nm 5.6mb
				ALO 86.57 50 eP 47 16.57 0.4
				1.0s 14.82nm 5.2mb
				PMR 86.67 12 (P) 47 12.99 -2.7
				1.5s 53.34nm 5.6mb
				Z 21s 0.52um 4.9msz
				DPW 86.77 34 ePd 47 16.45 -0.2
				TIA 87.11 311 eP 47 18.70 0.2
				1.4s 32.00nm 5.4mb
				HHA1 87.24 40 (P) 47 20.32 1.2
				NEW 87.58 34 eP 47 21.79 1.3
				1.5s 29.15nm 5.3mb
				SNG 87.85 279 eP 47 24.80 2.4
				BW06 88.67 42 eP 47 25.00 -1.1
				1.0s 4.33nm 4.7mb
				BJI 89.71 314 eP 47 31.00 0.3
				2.0s 120.00nm 5.8mb
				GOL 89.74 46 eP 47 31.80 0.5
				1.0s 8.26nm 5.0mb
				FBA 89.95 11 eP 47 30.03 -1.3
				1.7s 45.57nm 5.5mb
				IMA 90.11 8 eP 47 31.48 -0.8
				1.4s 11.43nm 5.0mb
				GYA 90.45 299 P 47 35.60 1.0
				1.0s 12.00nm 5.2mb
				sP 47 48.00
				TIY 91.12 311 Pc 47 37.90 0.5
				Z 20s 0.38um 4.8msz
				NST 91.62 286 eP 47 42.20 2.2
				XAN 91.98 306 P 47 41.80 0.4
				1.0s 18.00nm 5.5mb
				SES 92.04 35 eP 47 41.00 -0.3
				1.5s 102.00nm 6.0mb
				KMI 93.12 296 Pc 47 48.00 0.9
				HHC 93.18 313 eP 47 47.60 0.7
				1.4s 21.00nm 5.4mb
				BDT 93.23 287 eP 47 48.00 0.6
				CHG 93.88 289 ePc 47 51.20 0.8
				1.5s 41.67nm 5.6mb
				BTO 94.11 312 eP 47 51.80 0.6
				CEH 107.43 58 PKP 53 10.00 10.3X
				Z 19s 0.24um 4.8msz
				RSNY 112.79 50 PKP 53 20.00 10.4X
				Z 19s 0.34um 5.0msz
				MAIO 131.55 299 ePKP 53 49.00 3.1X
				OBN 140.27 332 ePKP 53 56.00 -5.5X
				e 54 03.00
				HFS 142.31 353 ePKP 53 57.90 -7.1X
				0.4s 0.60nm
				EKA 146.99 9 PKP 54 15.00 2.0
				1.0s 10.00nm
				DMU 147.69 13 ePKP 54 16.80 2.6
				DLF 148.34 14 ePKP 54 16.80 1.6
				WIT 150.10 358 ePKP 54 25.00 7.1X
				OJC 150.43 341 ePKP 54 26.30 7.7X
				e 54 33.20
				KSP 150.80 346 ePKP 54 25.00 5.9X
				1.4s 49.00nm
				ic 54 27.40
				i 54 37.80
				WTS 150.92 358 ePKP 54 25.00 5.8X
				1.2s 44.00nm
				CFR 150.95 325 ePKPd 54 27.00 7.6X
				CLL 151.00 350 iPKP 54 24.80 5.5X
				CLL 151.00 350 i(PKP) 54 27.20 7.9X
				1.6s 70.00nm
				VR1 151.20 328 ePKP 54 26.00 6.1X
				SPC 151.20 339 ePKP 54 22.70 2.7
				e 54 28.10
				BRG 151.25 349 ePKP 54 21.20 1.4
				1.5s 52.00nm
				i 54 27.50
				i 54 37.70
				HRI 151.27 298 ePKP 54 26.90 6.4X
				MLR 151.85 328 ePKPc 54 26.00 5.0X
				MOX 151.85 351 iPKP 54 29.70 9.0X
				1.8s 53.00nm
				DSI 151.92 294 ePKP 54 28.10 6.7X
				PRU 151.98 347 ePKP 54 27.50 6.6X
				1.6s 15.00nm
				UCC 152.13 1 PKP 54 29.00 8.0X
				VRAC 152.15 344 ePKP 54 39.50 18.4X
				ENN 152.17 359 ePKP 54 29.00 7.9X
				1.0s 12.00nm
				PSZ 152.41 338 ePKP 54 30.10 8.4X
				SNF 152.42 1 PKP 54 30.40 9.0X
				e 54 39.50
				COZ 152.74 330 ePKPd 54 23.20 0.9
				SAGI 152.75 292 ePKP 54 29.70 7.1X
				DOU 152.84 1 PKPc 54 32.50 10.5X
				GRF 152.84 351 iPKPc 54 31.40 9.3X
				e 54 42.00
				KHC 152.99 348 PKP 54 23.00 0.6
				1.4s 11.00nm
				e 54 32.10
				e 54 42.50
				SRO 153.02 340 ePKP 54 31.00 8.6X
				i 54 40.70
				ZST 153.03 342 e(PKP) 54 24.10 1.7
				e 54 31.60
				e 54 41.90
				GEC2 153.24 348 ePKP 54 24.10 1.3
				1.5s 2.45nm
				e 54 29.60
				e 54 39.00
				e 54 43.10
				e 54 45.50
				e 54 53.50
				WLF 153.26 359 PKP 54 35.00 12.4X
				e 54 44.00
				FLN 153.78 9 ePKP 54 32.70 9.3X
				1.5s 40.20nm
				Z 18s 0.08um 4.6msz
				LDF 153.99 8 ePKP 54 33.20 9.5X
				1.4s 22.65nm
				GRR 154.09 9 ePKP 54 33.40 9.5X
				1.5s 29.25nm
				LPF 154.41 10 ePKP 54 34.30 10.0X
				1.5s 39.15nm
				CDF 154.48 357 ePKP 54 34.90 10.4X

19d 22h

1.5s 20.35nm
HAU 154.92 358 ePKP 54 35.50 10.5X
1.5s 18.80nm
Z 20s 0.08um 4.5msz
BSF 155.08 358 ePKP 54 35.90 10.6X
1.7s 30.90nm
LOR 155.65 2 ePKP 54 37.10 11.1X
1.6s 19.30nm
Z 20s 0.10um 4.6msz
SSF 155.84 3 ePKP 54 37.60 11.3X
1.1s 10.00nm
LBF 155.93 2 ePKP 54 37.70 11.2X
1.3s 10.10nm
LSF 156.50 6 ePKP 54 38.30 11.1X
1.5s 30.30nm
MAF 156.62 5 ePKP 54 39.30 11.9X
1.3s 21.30nm
LPL 157.39 357 ePKP 54 45.90 17.3X
1.8s 25.90nm
LPG 157.41 357 ePKP 54 45.90 17.1X
1.7s 26.45nm
BCAO 157.61 217 iPKPd 54 32.50 2.9X
1.2s 14.00nm
MAL 163.87 29 ePKP 54 48.00 12.6X
S.D. = 1.4 on 78 of 125 obs.

SEP 19, 1992 22h 59m 32.70 ± 0.95s
6.742 N ± 6.3km 73.000 W ± 12.0km
DEPTH = 177.7 ± 10.6 km
4.9mb (7 obs.)
NORTHERN COLOMBIA (99)

BOG 2.36 207 iPd 00 14.00 -0.4
IS 00 45.00
STH 11.87 342 ePd 02 17.25 -0.3
ZOB0 23.38 168 P 04 27.00 -0.4
LPB 23.63 168 eP 04 29.00 -0.5
CNCB 23.92 168 Pc 04 33.30 0.9
CCH 24.91 164 eP 04 43.00 1.6
JSC 28.45 346 eP 05 13.39 0.4
GBTN 30.57 342 iPd 05 32.27 0.5
PWLA 31.34 336 eP 05 38.54 0.1
OLY 33.27 332 ePd 05 54.72 -0.5
BAO 33.29 132 Pd 05 56.00 0.3
ELC 33.80 336 ePd 05 59.18 -0.5
TBR 34.27 358 eP 06 04.48 0.8
FVM 34.89 336 eP 06 08.62 -0.3
0.5s 44.92nm 5.4mb
ACTO 37.24 352 P 06 29.88 1.2
WLVO 37.33 354 P 06 30.42 1.0
RSNY 37.68 358 (P) 06 32.97 0.6
0.7s 2.73nm 4.0mb
JFWS 39.11 340 iPd 06 44.28 0.1
0.5s 37.81nm 5.3mb
LMN 39.60 9 ePc 06 52.00 3.8X
EEO 40.09 354 eP 06 56.00 3.8X
ALO 41.65 317 eP 07 04.82 -0.6
0.7s 2.78nm 3.9mb
GOL 43.83 323 iPc 07 24.03 0.9
0.5s 15.85nm 4.8mb
ULM 47.40 340 ePd 07 54.00 3.2X
FCC 54.38 347 eP 08 46.00 3.0X
DPW 56.12 325 ePd 08 55.37 -0.5
RMW 58.03 323 (P) 09 08.26 -1.0
YKA 63.38 340 eP 09 43.90 -1.0
0.6s 14.60nm 5.0mb
LIC 67.49 86 P 10 10.90 -1.1
KIC 67.76 86 P 10 12.60 -1.1
MBC 73.90 350 ePd 10 49.60 0.2
0.6s 11.00nm 4.8mb
KLU 75.98 332 eP 11 01.80 0.3
SLKM 77.87 330 eP 11 11.67 -0.3
GEC2 82.80 42 ePc 11 37.80 -0.5
0.8s 0.93nm 3.6mb X
e 11 43.50
ASPA 149.16 234 ePKP 19 02.10 4.3X
0.9s 5.70nm
WB2 150.39 241 iPKPd 19 05.40 5.7X
0.3s 9.60nm
S.D. = 0.8 on 29 of 35 obs.

& SEP 19, 1992 23h 04m 47.10s
38.863 N 122.793 W
DEPTH = 2.0km
4.5mb (7 obs.)
NORTHERN CALIFORNIA (36)

<BRK>. ML 4.9 (BRK), 4.5 (GS).
Felt (V) at Cobb and Finley;
(IV) at Clearlake Park,
Kelseyville and Middletown;
(III) at Calistoga, Clearlake,
Lower Lake and St. Helena.

NWRM 0.41 190 ePd 04 55.31 0.0
ZSP 1.01 155 iPc 05 05.99 -0.9
BKS 1.08 156 iPc 05 06.71 -1.4
IS 05 23.18
ORV 1.22 55 iPc 05 08.47 -2.1
PCC 1.40 166 iPc 05 10.89 -2.7
LTCM 1.44 21 eP 05 12.28 -1.9
WDC 1.73 6 eP 05 17.88 -0.4
MIN 1.74 31 iPd 05 17.41 -1.3
FOX 1.90 331 iPd 05 20.07 -0.7
GCC 1.94 161 iPc 05 18.44 -2.9
CMB 2.06 113 ePc 05 21.67 -1.6
EKR 2.10 331 iPc 05 25.15 1.4
FHC 2.14 335 eP 05 26.20 1.8
SAO 2.35 153 iPc 05 24.32 -3.1
LBFM 2.58 15 eP 05 30.36 -0.4
PRS 2.77 155 iP 05 29.49 -3.8
FRI 3.07 126 iPc 05 35.88 -1.7
PRI 3.20 147 iPc 05 37.12 -2.4
PKEM 3.52 142 eP 05 38.75 -5.2
PHAM 3.57 147 eP 05 41.86 -2.9
BONR 3.64 103 eP 05 44.80 -1.2
KVN 3.66 86 eP 05 45.07 -1.1
BCH 4.26 149 ePc 05 50.96 -3.7
TNP 4.44 98 eP 05 55.72 -1.6
ISA 4.70 132 ePn 05 57.47 -3.3
ePg 05 59.11
ABL 4.92 143 eP 06 00.02 -4.1
TPNV 5.52 108 ePn 06 10.00 -2.5
ePg 06 27.54
PEC 6.73 136 eP 06 25.57 -3.8
VGB 6.81 12 (P) 06 32.82 2.2
SHW 7.34 3 (P) 06 39.49 1.5
ARUT 7.43 95 eP 06 37.83 -1.6
BMW 7.61 358 eP 06 43.84 2.0
DUG 7.83 77 ePc 06 44.53 -0.4
LON 7.92 5 eP 06 46.49 0.5
MSU 8.31 89 ePc 06 50.85 -1.0
RMW 8.62 4 (P) 06 56.45 0.5
GLA 8.68 130 (P) 06 53.39 -3.3
GMW 8.68 0 (P) 06 57.00 0.4
HHA 9.02 57 (P) 07 03.71 2.2
DAU 9.04 77 eP 07 03.66 1.8
EMUT 9.33 80 eP 07 06.87 1.0
SRU 9.56 85 eP 07 09.25 0.3
LCCM 10.66 46 eP 07 26.40 2.3
ALO 13.64 102 eP 08 05.13 0.8
1.1s 6.24nm 4.5mb X
SES 14.22 32 eP 08 17.00 5.3
ULM 22.18 50 ePc 09 47.80 1.8
UYO 23.20 93 iPd 09 55.70 -0.5
FVM 25.31 82 eP 10 16.79 0.3
0.6s 9.75nm 4.7mb
PRM 32.67 86 (P) 11 22.22 -0.5
NB2 73.63 21 P 16 22.20 -1.3
1.1s 3.70nm 4.4mb
HFS 75.07 21 eP 16 30.70 -1.1
1.0s 7.50nm 4.7mb
KAF 76.32 14 eP 16 32.40 -6.4
0.9s 2.80nm 4.4mb
NUR 77.44 16 eP 16 42.70 -2.4
0.8s 3.40nm 4.5mb
BRG 82.92 26 e(P) 17 16.00 1.5
GEC2 84.55 27 eP 17 22.40 -0.6
1.1s 1.84nm 4.2mb
e 17 27.40
e 17 31.70
OBN 84.76 12 iPd 17 23.20 -0.5
1.0s 14.00nm 5.1mb
56 obs. associated

& SEP 19, 1992 23h 22m 48.40s
38.860 N 122.797 W
DEPTH = 2.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.6 (BRK).

NWRM 0.41 190 (P) 22 56.75 0.2
ZSP 1.01 155 eP 23 07.77 -0.4
eS 23 23.32

BKS 1.08 156 ePc 23 08.58 -0.8
IS 23 24.26
ORV 1.22 55 eP 23 10.32 -1.6
PCC 1.40 166 ePc 23 13.14 -1.7
IS 23 33.29
LTCM 1.44 21 (P) 23 16.11 0.5
WDC 1.73 7 eP 23 20.41 0.8
FOX 1.90 331 eP 23 28.31 6.2
GCC 1.93 161 eP 23 20.28 -2.3
eS 23 47.47
CMB 2.07 113 ePc 23 22.99 -1.6
EKR 2.10 331 eP 23 31.07 6.0
FHC 2.14 335 eP 23 32.50 6.8
SAO 2.35 152 eP 23 26.21 -2.5
LBFM 2.58 15 eP 23 35.64 3.6
PRS 2.77 155 iPc 23 32.36 -2.3
FRI 3.07 126 iPc 23 38.88 0.0
BONR 3.64 103 eP 23 46.61 -0.7
KVN 3.67 86 (P) 23 45.80 -1.7
18 obs. associated

SEP 19, 1992 23h 28m 09.33 ± 0.28s
15.734 S ± 6.8km 168.154 E ± 6.9km
DEPTH = 20.8km (5 depth phases)
5.1mb (27 obs.) 4.5msz (5 obs.)
VANUATU ISLANDS (186)

DZM 6.51 194 iPd 29 44.10 -2.4
IS 30 56.90
HNR 10.17 307 eP 30 40.00 2.7
eS 32 35.00
SVO 10.45 308 eP 30 41.00 -0.1
eS 32 44.00
BRS 18.39 228 iPc 32 27.80 2.9
i(sP) 32 35.00
RMO 21.00 236 iPc 32 55.10 1.2
0.9s 34.00nm 4.8mb
ARMA 21.05 223 eP 32 55.50 0.9
0.8s 16.00nm 4.5mb
CTA 21.28 255 iPc 32 57.50 0.7
1.0s 7.50nm 4.1mb X
PMG 21.43 285 eP 33 02.00 3.7X
CMS 25.70 228 eP 33 40.00 0.2
0.9s 17.00nm 4.7mb
CNB 25.75 217 eP 33 40.60 0.2
1.1s 35.00nm 4.9mb
STK 29.02 232 iPc 34 09.80 -0.3
WB2 32.41 258 iPd 34 38.80 -1.5
0.8s 4.90nm 4.5mb
WRA 32.43 258 P 34 39.20 -1.1
ASPA 33.13 251 iPc 34 45.20 -1.3
1.4s 27.30nm 5.0mb
KNA 37.87 264 eP 35 25.50 -1.4
FORT 39.53 241 eP 35 40.20 -0.4
COOL 45.40 242 iPc 36 27.50 -1.0
HON 49.59 43 P 37 10.00 8.8X
Z 20s 0.24um 4.2msz
NANU 49.97 254 eP 37 03.00 -1.3
MAT 59.19 332 eP 38 09.00 -2.3
1.0s 14.00nm 5.0mb
WHN 69.25 312 eP 39 16.00 -1.1
MDJ 69.56 332 eP 39 18.30 -0.4
1.0s 18.00nm 5.2mb
CN2 70.94 329 eP 39 26.60 -0.6
1.0s 20.00nm 5.2mb
GYA 72.98 305 P 39 39.60 -0.3
0.8s 12.00nm 5.0mb
BJI 73.58 321 eP 39 42.50 -0.3
1.4s 33.00nm 5.2mb
NST 74.05 292 eP 39 47.50 1.5
SPA 74.37 180 iPc 39 47.10 -0.2
1.0s 52.00nm 5.5mb
TIY 74.57 317 eP 39 49.00 0.2
XAN 74.99 312 Pc 39 50.60 -0.7
1.0s 14.00nm 4.9mb
sP 40 02.50
KMI 75.56 302 Pc 39 55.00 0.1
1.0s 30.00nm 5.3mb
CHG 76.27 294 eP 39 56.50 -2.3
HHC 76.90 319 P 40 02.50 0.5
1.0s 24.00nm 5.2mb
CD2 77.29 307 eP 40 04.00 -0.3
BTO 77.74 319 eP 40 06.40 -0.2
LZH 79.62 312 eP 40 17.50 0.4
1.6s 42.00nm 5.2mb
pP 40 25.00 24km
MAW 81.28 202 P 40 26.70 1.6

YAK	83.21	343	eP	40	34.80	-0.3
	1.2s	25.00nm				5.3mb
TTA	83.25	16	eP	40	35.60	0.2
	1.1s	18.80nm				5.2mb
PMS	83.76	19	eP	40	37.40	-0.6
GTA	83.97	314	P	40	39.80	0.1
	1.4s	22.00nm				5.2mb
		pP		40	45.00	16km
PMR	84.16	19	P	40	50.00	10.1X
Z	20s	0.34um				4.7MsZ
PMR	84.16	19	eP	40	39.40	-0.5
	0.7s	18.00nm				5.4mb
ORV	85.44	47	ePc	40	46.40	-0.4
		e		40	53.68	23km
TOA	85.49	20	eP	40	46.90	0.2
CMB	85.62	49	ePc	40	47.35	-0.5
	0.9s	7.47nm				4.9mb
		e		40	54.44	22km
LBFM	85.92	45	eP	40	49.63	0.2
IMA	86.40	15	ePc	40	51.00	-0.2
	0.9s	12.40nm				5.1mb
PLM	86.48	54	eP	40	51.93	-0.4
FBA	87.05	17	ePc	40	52.60	-1.6
	0.8s	25.00nm				5.5mb
BONR	87.10	49	eP	40	54.92	-0.5
SHW	87.75	41	eP	40	58.92	0.8
GMW	88.00	39	eP	40	59.20	0.1
TPNV	88.25	51	eP	41	01.22	0.5
	0.8s	8.06nm				5.1mb
ARUT	90.63	51	eP	41	12.17	0.2
NEW	91.77	40	eP	41	16.20	-0.6
	1.0s	7.50nm				5.0mb
MSU	91.81	51	eP	41	18.29	0.8
NVL	92.18	188	eP	41	17.00	-1.3
	1.0s	26.00nm				5.6mb
		e		41	23.00	19km
GBA	94.29	283	P	41	28.30	-0.6
GOL	97.22	51	P	41	50.00	7.7X
Z	19s	0.19um				4.6MsZ
YKA	98.04	27	eP	41	43.50	-1.5
	0.9s	6.00nm				5.2mb
JFWS	108.97	50	PKP	46	50.00	10.8X
Z	20s	0.20um				4.7MsZ
RSNY	120.29	47	PKP	47	10.00	9.3X
Z	21s	0.08um				4.4MsZ
GEC2	140.92	333	ePKP	47	38.90	-0.9
	0.7s	0.43nm				
		e		47	53.60	
CDF	143.82	338	ePKP	47	42.20	-2.6
	0.7s	1.85nm				
BSF	144.49	338	ePKP	47	43.40	-2.6
	1.2s	5.95nm				
HAU	144.49	339	ePKP	47	43.40	-2.5
	1.2s	15.75nm				
PGD	145.53	329	PKP	47	48.10	0.1
FLN	145.77	347	ePKP	47	47.30	-0.7
	1.1s	28.35nm				
MME	145.79	331	PKP	47	49.60	1.1
LDF	145.85	346	ePKP	47	47.60	-0.5
	1.2s	28.25nm				
BOB	145.92	333	PKP	47	48.80	0.3
LOR	145.96	341	ePKP	47	48.50	0.1
	0.9s	6.90nm				
LBF	146.18	340	ePKP	47	49.40	0.6
	1.1s	19.80nm				
GRR	146.21	347	ePKP	47	49.30	0.6
	1.0s	29.00nm				
SSF	146.26	341	ePKP	47	49.20	0.3
	0.9s	13.60nm				
LPL	146.45	336	ePKP	47	51.20	1.7
	0.8s	6.70nm				
LPG	146.46	336	ePKP	47	51.30	1.6
	0.8s	5.90nm				

SBF -	147.52	334	ePKP	47	54.40	3.3X
	0.8s	15.30nm				
LSF	147.58	343	ePKP	47	52.80	1.8
	1.3s	20.95nm				
MFF	147.71	345	ePKP	47	53.30	2.1
	1.1s	17.60nm				
PGF	147.85	330	ePKP	47	56.20	4.5X
	0.9s	14.60nm				
BCAO	148.10	253	iPKPc	47	54.50	1.7
	0.9s	23.00nm				
RJF	148.45	342	ePKP	47	55.60	3.2X
	1.1s	16.10nm				
CAF	148.62	341	ePKP	47	59.80	7.0X
	1.1s	12.95nm				
LFF	149.01	343	ePKP	47	57.10	3.8X
	0.9s	12.60nm				
LPO	149.11	342	ePKP	47	57.30	3.8X
EPF	150.86	341	ePKP	48	01.50	5.2X
	1.8s	23.30nm				
S.D. = 1.2 on 82 of 95 obs.						
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SEP	19,	1992	23h	36m	54.53±	0.75s
38.825 N ± 7.3km				0.141 W ± 7.5km		
DEPTH = 10.0km				(geophysicist)		
SPAIN						(377)
mbLg 2.9 (MDD).						
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ACU	0.38	214	iPgc	37	02.80	0.5
			eSg	37	07.80	
ECHE	1.00	320	iPgc	37	13.60	0.1
			eSg	37	26.10	
EVIA	1.86	265	iPnc	37	26.00	-0.8
			eSn	37	49.40	
EROQ	2.04	12	ePn	37	31.40	2.1
			eSn	37	57.40	
EBR	2.05	14	eP	37	43.00	13.6X
EHUE	2.18	243	iPnc	37	31.50	0.1
			eSn	37	56.80	
ETOR	2.48	324	ePn	37	36.20	0.5
			eSn	38	05.80	
ESEL	2.54	67	ePg	37	37.50	1.1
			eSg	38	10.00	
ECOG	3.11	241	ePn	37	45.00	0.3
			eSn	38	19.70	
EGRA	3.37	358	ePn	37	50.50	2.3X
			eSn	38	29.30	
ELUD	3.49	250	ePn	37	49.30	-0.7
			eSn	38	28.30	
GUD	3.59	302	ePn	37	51.40	-0.1
			eSn	38	31.40	
EPF	4.22	5	Pn	37	59.80	-0.5
			Sn	38	47.00	
			Sg	39	06.00	
LPO	5.94	9	Pn	38	21.20	-3.3X
CAF	6.31	14	Pn	38	27.40	-2.5
RJF	6.59	10	Pn	38	35.00	1.2
PGF	7.88	59	Pn	38	50.50	-1.5
S.D. = 1.3 on 14 of 17 obs.						
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SEP	20,	1992	00h	12m	17.50±	0.23s
17.545 S ± 9.1km				178.766 W ± 5.0km		
DEPTH = 542.5km				(2 depth phases)		
5.2mb (43 obs.)						
FIJI ISLANDS REGION						(181)
CENTROID, MOMENT TENSOR						(HRV)
Data Used: GDSN						
L.P.B.: 13S, 17C						
Centroid Location:						
Origin Time			00:12:19.7 0.5			
Lot 17.50S			FIX;Lon 178.80W			
Dep 571.6			4.0 Half-duration 1.2			
Moment Tensor:			Scale 10**16 Nm			
Mrr=-3.47 0.95			Mtt= 6.89 1.00			
Mff=-3.41 1.09			Mrt=-0.29 0.81			
Mrf=-8.12 0.77			Mtf= 4.93 1.28			
Principal Axes:						
T Vol=		9.97	Plg=18		Az=149	
N		2.18	42		41	
P		-12.15	42		256	
Best Double Couple:Mo=1.1*10**17						
NP1:Strike=283 Dip=46 Slip=-21						
NP2: 28 75 -134						
<hr/>						
VUN	2.68	260	iPc	13	33.60	3.0
SVA	2.71	257	ePc	13	34.10	3.4X
PVC	12.32	267	iP	15	01.10	1.2
BKM	12.39	267	iPc	15	02.20	1.6

DZM	14.63	250	iPd	15	23.50	0.3
SVO	22.43	289	eP	16	44.00	6.7X
AFR	27.63	94	iP	17	23.20	-0.2
	0.8s					
PAE	27.81	95	iP	17	24.90	0.0
	0.8s					
PPT	27.82	95	iP	17	25.10	0.0
	0.8s					
PPN	27.96	94	iP	17	26.20	-0.1
	0.8s					
BRS	28.01	244	iPc	17	27.00	0.3
	0.9s					
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[illegible]

20d 01h

PTE	1.54	181	ePc	23	56.42	-0.4	LIT	1.02	177	iPg	37	35.40	0.1	KAF	59.81	337	iP	02	27.00	-1.8
			eS	24	17.78					iSg	37	50.52			0.4s		1.50nm			4.5mb
SDG	1.59	84	ePc	23	57.27	-0.4	OHR	1.22	270	ePg	37	39.00	0.2	KKN	60.23	277	P	02	47.40	15.0X
TZL	1.69	101	iPc	23	59.32	0.3				eSg	37	56.10			0.6s		24.00nm			
KLU	1.70	121	iPc	23	58.41	-0.8	PAIG	1.53	141	ePb	37	44.04	0.7	PKI	60.31	277	P	02	48.42	15.3X
			eS	24	20.68					iSb	38	06.04		GKN	60.45	278	P	02	51.04	17.2X
PAX	1.71	69	iPd	23	59.12	-0.2				S.D. = 0.5	an	10 of 10 obs.		DMN	60.46	277	P	02	48.20	14.2X
			eS	24	20.42									NUR	61.61	337	eP	02	39.10	-2.0
GLI	1.76	149	iPc	23	59.13	-0.9				SEP 20, 1992	01h 52m	25.01 ± 0.43s			0.3s		0.60nm			4.2mb
VZW	1.76	139	iPc	23	59.11	-1.0				53.114 N ± 10.3km	161.575 E ± 6.7km		OBN	62.98	328	eP	02	50.00	-0.2	
VLZ	1.78	134	iPc	23	58.89	-1.3				DEPTH = 33.0km	(normal)		UPP	63.71	341	iP	03	04.60	9.6X	
			eS	24	21.65					4.7mb (37 obs.)			NB2	63.77	344	P	02	52.80	-2.6	
THY	1.79	54	eP	24	00.61	0.2				OFF EAST COAST OF KAMCHATKA	(219)			1.0s		4.00nm			4.5mb	
CGLM	1.81	234	eP	24	00.51	-0.3	PET	1.77	268	ePn	52	54.50	0.8	HFS	64.20	343	eP	02	56.50	-1.7
NGG	1.81	238	eP	24	00.20	-0.7				eS	53	17.00			0.6s		4.00nm			4.7mb
CRP	1.89	235	ePn	24	01.44	-0.6	SKR	4.18	236	ePn	53	26.60	-1.5	EKA	71.19	351	P	03	41.00	-0.9
SPU	1.91	232	eP	24	01.96	-0.2				Z 16s	1.90um			1.2s		6.80nm			4.6mb	
MPA	1.92	186	eP	24	01.74	-0.5				N 16s	1.70um		OLY	71.47	55	(P)	03	43.67	-0.3	
CPKM	1.93	235	ePn	24	03.12	0.6				E 16s	1.90um		HYB	72.10	275	eP	03	47.00	-1.0	
CKN	1.93	234	eP	24	03.04	0.6							KSP	72.37	338	eP	03	48.00	-1.1	
CKT	1.96	234	eP	24	03.01	0.2									e		03	59.80	40kmX	
DDM	1.98	44	eP	24	03.98	0.8	ILT	17.58	25	iPc	56	24.50	-4.2X	CLL	72.65	340	eP	03	49.00	-1.7
BGL	1.99	237	eP	24	03.59	0.3				Z 16s	132.00nm	4.7mb		1.1s		12.00nm			4.8mb	
NKA	1.99	214	eP	24	04.76	1.6				N 16s	0.80um	3.4MsZ	BRG	72.86	339	eP	03	54.60	2.7	
SLKM	1.99	198	ePc	24	02.75	-0.5				E 14s	0.40um			1.0s		10.00nm			4.8mb	
CKL	2.01	235	eP	24	03.29	-0.3									i		04	03.40	28kmX	
FID	2.03	143	iPc	24	02.76	-1.1	YAK	19.08	310	eP	56	42.00	-5.1X	DLF	73.50	353	eP	04	08.00	12.4X
BKG	2.06	231	eP	24	04.10	-0.2				Z 15s	123.00nm	5.1mb	MOX	73.56	341	eP	03	56.00	0.0	
WRH	2.12	10	iPc	24	03.49	-1.6				E 16s	1.00um			1.1s		6.00nm			4.5mb	
KNIM	2.14	164	eP	24	03.84	-1.5							PRU	73.56	339	eP	03	57.50	1.5	
NEA	2.19	359	eP	24	04.52	-1.5	MAT	23.27	234	eP	57	31.00	0.7		e		04	04.00	21kmX	
HDA	2.21	23	ePc	24	04.84	-1.5				1.0s	21.00nm	4.6mb	CTA	74.10	195	P	04	00.59	1.2	
DJE	2.21	41	eP	24	06.60	0.2				eS	01	44.00		ENN	74.48	344	eP	04	11.50	10.2X
SEW	2.31	186	eP	24	07.30	-0.5	TIK	23.43	334	eP	57	40.00	8.5X		1.1s		15.00nm			
CCB	2.32	12	iPc	24	06.05	-1.8				1.0s	80.00nm	5.2mb	KHC	74.58	339	eP	04	02.10	0.1	
HIN	2.33	148	ePc	24	06.56	-1.5				Z 16s	1.00um	4.4MsZ		e		04	14.50	42kmX		
LTJ	2.42	167	eP	24	07.49	-1.9	TTA	24.06	49	eP	57	38.56	0.7	GEC2	74.83	339	ePc	04	02.60	-0.9
RDT	2.47	224	eP	24	09.27	-0.8				2.2s	121.00nm	5.0mb		0.9s		1.39nm			4.0mb	
MTU	2.50	165	eP	24	09.10	-1.4				epP	57	50.21	46kmX		e		04	04.80	7kmX	
DFR	2.55	226	eP	24	11.79	0.6	IMA	25.43	42	eP	57	50.22	-0.7		e		04	06.70		
DOT	2.56	58	eP	24	11.12	-0.3				epP	58	02.18	47kmX		e		04	14.20		
FBA	2.57	11	eP	24	09.18	-2.2	CN2	25.46	263	eP	57	51.80	0.5		e		04	20.80		
			S	24	39.43					Z 16s	0.94um	4.4MsZ		e		04	23.60			
SGAM	2.62	135	iPd	24	10.35	-1.9				N 20s	1.11um		WB2	76.48	206	iPc	04	12.60	-0.2	
REF	2.63	225	eP	24	12.34	-0.2				E 20s	1.56um			1.0s		6.80nm			4.6mb	
RDN	2.63	226	eP	24	13.99	1.5	BOD	26.82	299	eP	58	10.90	7.2X	CDF	76.52	343	eP	04	13.90	0.8
RS2	2.67	225	eP	24	12.88	-0.2				0.7s	17.00nm	4.8mb		1.0s		10.40nm			4.8mb	
RSO	2.66	225	eP	24	12.68	-0.4	BTO	36.62	271	eP	59	32.00	2.1	KBA	76.57	338	iPc	04	13.90	0.3
RS1	2.67	225	eP	24	12.87	-0.2	LZH	43.23	271	eP	00	22.50	-2.3		0.8s		12.50nm			5.0mb
RDW	2.67	226	eP	24	12.34	-0.7				Z 15s	0.39um	4.4MsZ		i		04	25.00	36kmX		
GLM	2.69	14	eP	24	11.51	-1.8	GTA	43.49	277	eP	00	25.00	-1.8		i		04	33.20		
RAGM	2.88	133	eP	24	14.13	-1.9				1.0s	6.00nm	4.3mb	PTJ	77.07	336	eP	04	13.50	-2.7	
HMT	3.06	130	eP	24	16.31	-2.2				Z 15s	0.40um	4.4MsZ	HAU	77.08	343	eP	04	18.00	1.9	
CROM	3.23	118	eP	24	19.75	-1.3				E 13s	0.70um			1.1s		8.80nm			4.7mb	
TTA	3.30	282	eP	24	19.29	-2.6				pP	00	35.50	36kmX	BSF	77.17	343	eP	04	18.20	1.5
KAIM	3.31	136	eP	24	19.77	-2.3	NVS	43.77	305	eP	00	26.50	-2.1		1.1s		7.35nm			4.6mb
TGL	3.36	117	eP	24	21.63	-1.2				0.7s	14.00nm	4.9mb	FLN	77.36	348	eP	04	19.20	1.6	
SVW	3.42	251	eP	24	21.45	-2.2				Z 15s	0.67um	4.7MsZ		1.2s		15.45nm			4.9mb	
BALM	3.43	111	eP	24	22.01	-1.8				e	00	36.80	35kmX	OSS	77.63	340	P	04	33.77	14.4X
WAX	3.52	121	eP	24	22.78	-2.3				eS	06	50.00		GRR	77.78	348	eP	04	20.90	1.0
SNH	3.70	124	eP	24	26.13	-1.4	WMO	47.80	290	eP	01	01.50	0.5		0.9s		8.50nm			4.8mb
CTGM	3.91	108	eP	24	28.27	-2.3				Z 16s	0.52um	4.6MsZ	LOR	78.21	345	eP	04	24.20	1.9	
YAH	4.02	117	eP	24	30.56	-1.8				pP	01	09.00	25kmX		1.1s		7.35nm			4.6mb
IMA	4.22	333	iPc	24	32.22	-2.8	NEW	49.12	61	eP	01	10.00	-1.0	TMA	78.44	341	P	04	26.79	2.9X
KDC	4.99	202	(P)	24	44.66	-1.0				1.2s	15.15nm	4.9mb	SSF	78.46	345	eP	04	25.70	2.0	
							LBFM	50.89	71	eP	01	25.26	0.4		1.1s		4.15nm			4.4mb
							ORV	52.30	72	ePd	01	34.80	-0.5	MMK	78.67	342	P	04	38.50	13.3X
									epP	01	47.07	44kmX	DIX	78.74	342	P	04	31.03	5.4X	
							BONR	55.22	71	eP	01	56.37	-0.8	AVF	78.75	345	eP	04	27.30	2.0
									epP	02	09.85	49kmX		1.1s		10.00nm			4.7mb	
							HVU	55.68	65	eP	02	00.73	0.4	SMF	78.82	345	eP	04	27.00	1.3
							BW06	56.72	62	eP	02	07.00	-0.9		1.1s		7.55nm			4.6mb
									1.1s	9.92nm	4.8mb	LPL	79.41	342	eP	04	32.20	3.0X		
									epP	02	19.50	44kmX		1.0s		15.40nm			5.0mb	
									eS	02	27.70		TCF	79.42	346	eP	04	30.60	1.6	
							DUG	56.75	66	eP	02	06.90	-1.1		1.1s		7.35nm			4.6mb
									0.8s	6.19nm	4.7mb	LPG	79.43	342	eP	04	32.60	3.2X		
									epP	02	20.03	47kmX		1.0s		14.40nm			4.9mb	
							DAU	57.45	65	eP	02	12.79	-0.4	LSF	79.55	346	eP	04	32.10	2.4
							ARUT	58.09	68	eP	02	17.68	0.2		1.1s		6.60nm			4.5mb
									pP	02	29.82	42kmX	ASPA	80.15	206	P	04	34.00	0.9	
							MSU	58.28	67	eP	02	18.99	0.1		0.7s		2.60nm			4.3mb
									epP	02	31.49	44kmX	LPO	81.14	346	eP	04	41.20	3.1X	

47.324 N \pm 59.6km 7.553 E \pm 15.8km
 DEPTH = 10.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.0 (LDG).

FEL	0.63	29	ePg	02 27.15	0.0
BSF	0.72	315	Pg	02 28.40	-0.3
			Sg	02 35.60	
HAU	1.06	310	Pg	02 34.60	0.2
			Sg	02 46.70	
CDF	1.10	350	Pg	02 35.20	0.1
			Sg	02 45.90	
LOR	2.51	270	Pg	03 04.70	8.8X
			Sg	03 35.60	
SMF	2.63	256	Pg	03 05.90	8.3X
			Sg	03 40.60	

S.D. = 0.3 on 4 of 6 obs.

* SEP 20, 1992 02h 07m 56.42 \pm 1.35s
 31.792 S \pm 14.5km 68.446 W \pm 14.3km
 DEPTH = 130.8 \pm 15.3 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.0 (SAN).

RTCV	0.10	229	iPd	08 14.00	-0.7
ZON	0.32	321	iPd	08 15.50	0.2
			eS	08 28.50	
RTCB	0.43	315	eP	08 15.80	0.2
RTLL	0.46	358	iPc	08 15.60	-0.1
MDZ	1.14	197	iP	08 20.60	-0.5
			iS	08 38.10	
JACH	2.02	243	iP+	08 32.23	1.0
			iS	08 59.06	
FCH	2.18	225	iP	08 34.57	1.1
			iS	09 03.82	
RTPR	2.23	49	ePc	08 33.80	0.1
PEL	2.32	234	eP	08 35.16	0.2
			iS	09 04.37	
ROCH	2.47	241	eP	08 36.86	-0.2
			iS	09 07.31	
PCH	2.52	223	iPd	08 38.13	0.6
			iS	09 09.72	
TACH	2.80	228	iPd	08 40.87	-0.3
			iS	09 14.44	
CHCH	2.83	220	eP	08 42.13	0.6
			iS	09 16.74	
CACH	2.94	217	iP	08 44.03	1.0
			eS	09 19.46	
LCCH	3.12	237	eP	08 44.03	-1.3
			iS	09 20.77	
LVN	3.30	228	iPd	08 45.67	-1.9
			iS	09 22.73	

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

? SEP 20, 1992 02h 12m 42.25 \pm 1.24s
 4.106 S \pm 25.1km 151.817 E \pm 13.1km
 DEPTH = 179.1 \pm 8.9 km
 4.7mb (2 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB	0.34	91	iPc	13 07.90	0.0
	0.5s	619.72nm			
			iS	13 26.50	
PMG	6.95	221	eP	14 22.50	-0.1
DZM	22.74	143	iPd	17 29.90	-0.1
ASPA	25.96	220	eP	18 00.60	0.5
	0.5s	9.00nm			4.7mb
WARB	32.55	225	eP	18 58.20	-0.4
MBL	35.35	239	eP	19 22.00	-0.5
	0.3s	5.00nm			4.7mb
MEEK	38.80	231	iPd	19 51.50	0.1
NANU	39.57	239	eP	19 58.00	0.3

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

* SEP 20, 1992 02h 47m 48.34 \pm 1.01s
 6.811 N \pm 11.0km 72.638 W \pm 20.9km
 DEPTH = 150.2 \pm 11.2 km
 4.2mb (2 obs.)
 NORTHERN COLOMBIA (99)

BMG	0.51	301	iPc	48 10.50	0.4
FUO	1.72	219	eP	48 14.00	-7.0X
BOG	2.60	213	iP	48 31.00	-0.5
			iS	49 01.50	
ZOBO	23.38	169	P	52 45.70	0.4
LPB	23.62	169	eP	52 47.00	-0.4
CNCB	23.92	169	Pc	52 50.20	-0.2

LMN	39.48	9	ePc	55 09.00	3.5X
EEO	40.07	353	eP	55 13.00	2.7X
ULM	47.46	340	eP	56 11.50	1.9
YKA	63.44	340	eP	58 01.50	-2.4
	0.6s	2.80nm			4.4mb
TIC	67.10	86	P	58 28.20	0.0
LIC	67.12	86	P	58 28.20	-0.2
KIC	67.40	86	P	58 30.30	0.2
MBC	73.90	350	eP	59 07.00	-1.0
	0.9s	3.00nm			4.0mb
ASPA	149.49	234	ePKP	07 19.20	1.9
	1.0s	8.70nm			
WB2	150.74	241	iPKPc	07 22.80	3.6X
	0.4s	753.70nm			

S.D. = 1.4 on 12 of 16 obs.

% SEP 20, 1992 03h 43m 13.36 \pm 0.63s
 42.421 N \pm 5.4km 19.421 E \pm 4.8km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

TTG	0.12	274	iPg	43 17.49	1.2
			iSg	43 20.64	
PVY	0.44	67	iPd	43 22.71	0.3
			iSg	43 29.94	
BDV	0.46	253	iPg	43 22.72	0.0
			iSg	43 30.22	
ULC	0.48	196	iPg	43 22.54	-0.5
			iSg	43 30.04	
NKY	0.50	322	iPg	43 23.42	-0.1
			iSg	43 31.67	
IVA	0.57	38	iPg	43 25.21	0.2
			iSg	43 34.12	
HCY	0.68	272	iPg	43 26.81	-0.1
			iSg	43 37.37	
BRY	0.81	307	iPg	43 28.79	-0.3
			iSg	43 41.70	
PLE	0.91	359	iPg	43 30.20	-0.6
			iSg	43 45.17	

S.D. = 0.6 on 9 of 9 obs.

SEP 20, 1992 04h 36m 07.91 \pm 0.44s
 11.507 N \pm 6.9km 87.115 W \pm 7.8km
 DEPTH = 33.0km (normal)
 4.8mb (8 obs.) 4.1Msz (4 obs.)
 NEAR COAST OF NICARAGUA (74)

OXX	10.83	302	(P)	38 44.50	0.4
III	13.75	301	iP	39 24.00	0.9
HBF	22.20	15	eP	41 04.39	1.4
SGS	22.42	15	eP	41 06.36	1.2
PRM	22.89	10	eP	41 11.14	1.3
JSC	23.29	12	eP	41 14.77	1.1
PWLA	23.38	358	eP	41 14.25	-0.3
UYO	23.53	345	iPd	41 16.60	0.6
LHS	23.58	13	ePc	41 17.39	0.9
GBTN	24.19	6	eP	41 23.35	0.9
CEH	25.34	15	eP	41 33.68	0.3
	0.9s	44.35nm			5.1mb
ELC	25.74	356	eP	41 35.52	-1.6
CBN	27.98	17	eP	41 58.00	0.4
ALQ	29.22	326	ePd	42 11.90	2.8
LVNJ	31.15	18	eP	42 24.67	-1.2
JFWS	31.41	356	eP	42 25.25	-2.9
	0.9s	15.05nm			4.8mb
TYNO	32.09	10	P	42 34.50	0.4
STCO	32.33	11	P	42 35.47	-0.7
GOL	32.41	333	ePc	42 36.69	-0.6
	0.7s	6.60nm			4.6mb
ACTO	32.56	10	P	42 37.53	-0.7
PV10	33.15	328	ePc	42 43.90	0.1
			e	42 48.40	
WLVO	33.17	12	P	42 42.66	-0.8
ZOBO	33.40	145	P	42 47.00	0.5
	20s	0.16um			3.7Msz
		S		48 16.00	
		LR		53 12.00	
LPB	33.61	146	eP	42 48.00	-0.1
CNCB	33.90	146	P	42 51.00	0.2
SRU	34.48	327	ePc	42 54.22	-0.9
RSNY	34.66	16	eP	42 55.45	-0.9
	0.7s	12.50nm			5.0mb
	19s	0.45um			4.2Msz
PLM	34.84	313	(P)	43 00.00	1.7
MSU	34.97	325	eP	42 58.92	-0.5
EMUT	35.15	327	eP	43 00.46	-0.5

ARUT	35.22	322	eP	43 01.09	-0.4
CCH	35.40	144	eP	43 03.00	-0.3
EEO	35.67	10	ePd	43 06.70	1.7
DAU	35.81	328	ePc	43 05.80	-0.8
BW06	36.76	332	eP	43 13.00	-1.5
	1.0s	8.33nm			4.6mb
		ePcP		45 36.00	
HVU	37.59	328	(P)	43 21.41	0.0
PTI	38.18	330	eP	43 26.28	-0.1
BONR	38.35	319	eP	43 29.10	1.1
HHAI	38.50	330	eP	43 28.34	-0.6
LMN	39.15	25	ePd	43 36.50	2.3
ULM	39.30	351	eP	43 37.00	1.6
CMB	39.76	317	P	43 50.00	10.6X
	19s	0.28um			4.1Msz
LRM	40.43	333	eP	43 45.00	-0.1
ORV	41.32	319	eP	43 53.68	1.5
WDC	42.54	319	P	44 10.00	7.8X
	19s	0.21um			4.0Msz
LBFM	42.56	321	eP	44 01.47	-1.1
JAO	43.15	10	ePd	44 04.50	-2.5
SES	43.47	338	eP	44 10.00	0.3
NEW	44.39	331	eP	44 16.00	-1.1
	0.8s	9.17nm			4.7mb
		ePcP		46 00.00	
DPW	44.63	330	eP	44 18.33	-0.7
BAO	47.19	124	Pc	44 39.40	-0.5
		e		44 49.50	
		e		44 52.30	
		e		45 08.00	
BDF	47.28	124	P	44 41.20	0.6
MBC	66.99	352	eP	46 57.00	-2.2
	1.0s	5.00nm			4.6mb
EKA	77.19	36	P	47 59.00	-1.1
	2.0s	33.10nm			5.0mb
DZM	109.35	251	iPKPc	54 47.10	9.7X
WB2	139.30	253	iPKPd	55 33.80	-0.6
	0.5s	7.30nm			
LOE	149.97	343	ePKP	55 57.50	5.2X
GBA	150.72	32	PKP	55 54.70	1.2
KOD	153.52	36	ePKP	56 06.50	8.5X

S.D. = 1.2 on 54 of 59 obs.

SEP 20, 1992 04h 51m 54.08 \pm 0.67s
 22.146 S \pm 9.2km 179.531 W \pm 4.5km
 DEPTH = 587.9 \pm 9.6 km
 5.1mb (35 obs.)
 SOUTH OF FIJI ISLANDS (171)

SVA	4.43	334	iPc	53 23.20	0.9
VUN	4.53	335	iPc	53 28.60	5.6X
BRS	25.66	253	iPc	56 41.50	1.0
	0.4s	10.00nm			4.8mb
ARMA	27.08	246	iPd	56 54.20	1.2
	0.3s	20.00nm			5.2mb
TBI	27.74	98	iP	56 58.70	0.2
	0.8s	40.00nm			5.1mb
AFR					

STKA	35.80	246	iPd	58	07.60	1.2
STK	35.81	246	P	58	08.19	1.7
OIS	38.01	265	eP	58	24.10	-0.6
ASPA	42.78	259	iPd	59	02.60	-0.2
	0.7s	97.00nm			5.4mb	
		eS	04	42.70		
		eSS	07	59.00		
WB2	42.97	264	iPd	59	03.70	-0.6
	0.3s	75.10nm			5.7mb	
		iScP	03	38.90		
WRA	42.98	264	P	59	04.09	-0.3
FORT	47.35	248	eP	59	37.00	-0.7
	0.5s	28.00nm			5.0mb	
MTN	47.78	273	eP	59	40.00	-1.2
	0.4s	88.00nm			5.6mb	
WARB	48.99	254	iPd	59	49.10	-1.0
	0.3s	21.00nm			5.1mb	
GUA	49.73	312	eP	59	54.70	-0.9
	0.7s	109.59nm			5.5mb	
PJG	49.80	312	eP	59	55.00	-1.0
COOL	53.27	247	eP	00	20.00	-1.1
AAI	53.84	282	ePd	00	23.50	-1.7
MBL	56.03	259	iPd	00	39.20	-1.2
	0.3s	18.00nm			4.9mb	
MEEK	56.04	252	eP	00	39.00	-1.5
KLB	56.07	246	iPd	00	39.70	-0.9
BAL	57.09	247	iPd	00	46.60	-1.0
	0.4s	30.00nm			4.9mb	
MUN	57.34	245	eP	00	48.50	-0.7
MRWA	57.91	249	iPd	00	52.30	-0.9
	0.4s	10.00nm			4.4mb	
NANU	59.60	256	iPd	01	04.20	-0.3
	0.4s	87.00nm			5.4mb	
CGP	62.54	293	iPd	01	23.00	-0.6
MAT	70.71	325	iPd	02	12.20	-1.0
	0.7s	8.90nm			4.4mb	
PLM	81.30	49	eP	03	12.17	0.9
ORV	81.85	41	eP	03	14.50	0.9
GLA	82.57	50	eP	03	18.60	1.2
CN2	82.74	323	P	03	18.10	0.1
	0.8s	12.00nm			4.5mb	
BONR	82.92	44	ePc	03	20.11	0.7
TNP	83.70	45	eP	03	24.50	1.3
	0.9s	5.08nm			4.1mb	
TTA	86.81	11	eP	03	37.02	-0.4
	0.5s	2.37nm			4.2mb	
MSU	87.27	46	eP	03	41.35	1.0
TIY	87.32	313	eP	03	40.60	0.2
XAN	88.00	308	P	03	44.20	0.6
	0.6s	13.00nm			4.9mb	
SRU	88.69	47	ePc	03	46.99	0.2
CHG	89.47	290	iPd	03	52.50	1.9
	0.9s	25.21nm			5.1mb	
ALO	89.54	52	ePc	03	51.36	0.5
	0.8s	3.15nm			4.3mb	
FBA	90.15	13	eP	03	50.89	-1.9
	0.6s	2.44nm			4.3mb	
BTO	90.39	314	eP	03	54.40	-0.1
BW06	91.14	44	eP	03	59.00	0.9
LZH	92.64	308	eP	04	06.00	0.9
	1.0s	25.00nm			5.2mb	
KAF	136.31	343	ePKP	09	58.50	-12.0X
	0.2s	0.30nm				
NUR	138.09	342	ePKP	10	04.00	-9.8X
	0.4s	1.00nm				
NB2	140.42	352	PKP	10	09.70	-8.4X
	0.5s	1.30nm				
HFS	140.91	350	ePKP	10	11.10	-7.8X
	0.4s	5.60nm				
EKA	146.75	4	PKPd	10	30.40	1.6
	1.0s	7.50nm				
HRI	147.01	297	ePKP	10	33.10	3.0X
ZNT	147.78	296	ePKP	10	35.10	3.8X

PDA	5.90	81 e(P)	01	18.00	1.7		1.0s	16.20nm	4.9mb				LR	17	39.00	
LIS	18.91	78 eP	04	11.00	1.2	WLF	30.80	53 Pc	06 05.00	0.4	VRAC	37.56	55 eP	07	02.60	-0.1
STS	19.61	65 eP	04	18.00	-0.2	LPG	30.81	61 iPd	06 05.40	0.3		1.0s	12.90nm			4.7mb
ERUA	20.58	67 eP	04	27.76	-0.6		1.1s	16.35nm	4.8mb		ZST	37.91	57 eP	07	05.20	-0.5
EMON	20.58	64 eP	04	27.00	-1.4	RRL	30.82	63 P	06 05.85	0.7	SGS	38.73	279 eP	07	14.03	1.2
EVAl	20.88	80 eP	04	31.57	0.1	LOMF	30.97	58 P	06 05.85	-0.4	JSC	38.97	281 eP	07	15.81	1.0
AVE	21.23	92 iP	04	35.50	0.4	BSF	30.99	57 iPd	06 05.30	-1.1	UZD	39.01	59 eP	07	14.50	-0.5
EPLA	21.25	74 eP	04	35.23	-0.1		1.2s	13.40nm	4.7mb		UPP	39.31	38 iPd	07	17.10	-0.2
EHOR	22.04	79 eP	04	42.84	-0.3	PZZ	31.04	63 P	06 07.69	0.7	TIC	39.56	133 P	07	19.00	-0.9
EJIF	22.06	83 eP	04	44.80	1.4	LSD	31.09	62 P	06 07.69	0.1	OJC	39.62	53 eP	07	20.90	0.8
EPRU	22.16	82 eP	04	43.65	-0.8	RSP	31.16	62 P	06 08.10	0.1	PSZ	39.80	57 iPd	07	21.50	-0.1
TIO	22.17	98 iP	04	45.00	0.3	BHB	31.16	63 P	06 07.39	-0.5	LIC	39.89	133 P	07	21.70	-0.9
NKM	22.29	86 iPd	04	49.00	3.3X	STV	31.20	64 P	06 08.41	0.0	KIC	39.95	133 P	07	21.80	-1.3
GUD	22.72	72 eP	04	49.82	-0.3	MOF	31.22	57 P	06 07.28	-1.2	SPC	39.95	55 eP	07	24.50	1.5
TOL	22.82	74 iPc	04	52.50	1.6	ECH	31.27	56 P	06 08.17	-0.7	DAG	40.35	5 eP	07	26.40	0.7
	1.7s	769.23nm			5.9mb	ENR	31.27	64 P	06 08.82	-0.2		1.0s	12.00nm			4.5mb
		eS	08	56.00		DIX	31.29	60 ePd	06 09.60	0.3	Z	16s	0.81um			4.7mszx
ELUO	22.84	80 eP	04	50.93	-0.3	SBF	31.29	65 iPd	06 08.70	-0.4	GBTN	40.86	284 eP	07	31.38	1.0
MAL	22.85	82 iPc	04	53.20	2.0		0.9s	9.50nm	4.7mb		UZH	41.34	56 eP	07	35.50	1.3
		iS	09	14.00		CDF	31.37	56 P	06 09.03	-0.8		1.0s	45.00nm			5.2mb
EBAN	23.15	78 eP	04	54.72	0.6	WLS	31.42	56 P	06 09.45	-0.7	Z	12s	0.50um			4.6mszx
ECOG	23.43	80 eP	04	55.94	-1.1	BBS	31.44	58 P	06 09.93	-0.4	E	12s	0.50um			
EGUA	23.50	82 eP	04	57.01	-0.6	ROB	31.60	64 P	06 11.49	-0.3	OHR	41.43	67 iP	07	36.20	1.1
ECRI	24.01	67 eP	05	01.90	-0.6	IMI	31.62	65 P	06 11.49	-0.5	SKO	41.72	66 iP	07	37.30	0.0
EVIA	24.10	77 eP	05	04.17	0.7	MMK	31.67	60 ePd	06 13.50	0.8	LVV	42.37	54 eP	07	44.00	1.4
EHUE	24.13	79 eP	05	03.81	0.1	FEL	31.81	57 P	06 12.62	-1.1		Z	16s	0.80um		4.7mszx
ETOR	24.32	71 eP	05	05.94	0.4	FIN	31.84	64 P	06 13.33	-0.6	N	14s	0.50um			
ECHE	25.21	74 eP	05	14.90	0.8	ZLA	32.03	58 ePd	06 15.00	-0.6			eS	14	10.00	
LMN	25.28	300 eP	05	18.00	3.3X	RSNY										

20d 08h

	1.0s	4.13nm	4.4mb	
	Z 20s	0.86um	4.9msz	
HAI	58.84	303 eP	09 48.12	0.2
EMUT	59.17	299 eP	09 50.18	-0.2
DAU	59.23	300 eP	09 50.36	-0.5
SRU	59.25	298 eP	09 50.14	-0.8
HVU	59.71	302 eP	09 53.01	-1.0
NEW	59.94	310 eP	09 54.20	-1.2
	1.5s	87.46nm	5.7mb	
DUG	60.40	300 eP	09 58.33	-0.4
	0.8s	5.88nm	4.8mb	
MSU	60.67	298 eP	10 00.90	0.2
DPW	60.76	310 eP	09 59.55	-1.4
ARU	60.94	39 iPd	10 01.00	-0.9
	1.2s	60.00nm	5.6mb	
	Z 16s	0.80um	5.0mszX	
	E 16s	0.50um		
SVE	61.79	39 ePd	10 07.00	-0.8
	1.9s	60.00nm	5.4mb	
		e	10 46.90	
ARUT	61.89	298 eP	10 09.22	0.3
TUC	62.46	291 P	10 20.00	7.3X
	Z 20s	0.58um	4.7msz	
CCH	62.48	216 eP	10 13.00	-0.1
ZOBO	62.51	219 P	10 14.20	0.5
	1.8s	33.67nm	5.2mb	
	Z 20s	0.32um	4.5msz	
		S	18 50.00	
		LR	30 04.00	
LPB	62.70	218 P	10 16.80	2.1
CNCB	62.88	218 eP	10 21.00	5.0X
VGB	63.37	308 (P)	10 18.14	-0.3
TPNV	64.26	298 P	10 30.00	5.4X
	Z 22s	2.97um	5.4msz	
TNP	64.41	299 eP	10 25.46	-0.1
	1.3s	17.27nm	5.1mb	
KVN	64.56	301 eP	10 26.68	0.1
NRI	65.52	19 eP	10 34.00	2.0
	1.6s	28.00nm	5.2mb	
SIT	65.87	324 P	10 40.00	5.6X
	Z 20s	1.23um	5.1msz	
ISA	66.45	298 P	10 50.00	11.4X
	Z 20s	0.76um	4.9msz	
FBA	66.48	335 eP	10 45.10	6.9X
CMB	66.62	301 P	10 50.00	10.4X
	Z 19s	0.58um	4.8msz	
WDC	66.83	304 P	10 50.00	9.2X
	Z 20s	1.15um	5.1msz	
IMA	67.62	338 eP	10 44.66	-0.9
	0.8s	4.33nm	4.7mb	
PMR	69.02	333 eP	11 01.80	7.6X
LWI	69.23	110 ePd	10 56.60	0.2
TTA	70.51	336 eP	11 11.10	7.7X
TIK	70.89	6 eP	11 08.00	2.6
	2.0s	287.00nm	6.1mb X	
MAIO	71.03	59 eP	11 07.00	0.0
SVW	71.67	334 eP	11 17.80	7.5X
YAK	80.32	8 eP	12 00.00	0.9
BOD	81.55	17 eP	12 05.30	-0.4
	1.0s	27.00nm	5.3mb	
ZAK	84.83	26 eP	12 23.80	1.3
	1.3s	11.00nm	4.9mb	
SLR	84.96	127 eP	12 21.60	-2.1
SMY	87.56	344 P	12 50.00	14.1X
	Z 20s	1.56um	5.4msz	
GKN	92.77	52 P	13 02.60	1.6
KKN	93.33	51 P	13 05.00	1.3
DMN	93.35	52 P	13 05.40	1.6
GUN	93.62	51 P	13 06.80	1.7
HON	102.19	369 Pd diff	13 50.00	6.5X
	Z 21s	0.72um	5.2msz	
	S.D. = 0.8	on 178 of 198 obs.		

& SEP 20, 1992 08h 32m 33.55s
62.936 N 149.251 W
DEPTH = 78.1km
CENTRAL ALASKA (1)
<AEIC>.

HUR	0.18	284 ePd	32 45.07	1.6
		eS	32 54.01	
RND	0.51	21 iPd	32 47.26	-0.2
TRF	0.70	318 iPd	32 49.31	-0.1
MCK	0.81	10 ePd	32 50.42	-0.1
		eS	33 02.67	
KTH	0.98	310 iPd	32 52.53	0.0
		eS	33 07.34	

GHO	1.18	172 iPd	32 54.95	-0.1
		eS	33 10.97	
SML	1.21	159 iPd	32 55.25	-0.2
		eS	33 12.05	
PWA	1.32	193 P	32 57.00	0.2
		S	33 14.50	
PLRM	1.35	178 ePd	32 57.08	-0.1
PMR	1.35	178 eP	32 56.57	-0.6
		eS	33 13.68	
SCM	1.42	140 iPd	32 58.10	-0.2
		eS	33 18.89	
SKT	1.43	229 iPd	32 57.90	-0.4
		eS	33 16.58	
KNK	1.57	166 iPd	33 00.18	0.0
		eS	33 20.71	
WRH	1.63	18 iPd	32 59.98	-0.9
		eS	33 19.63	
SUA	1.63	206 iPd	33 01.40	0.3
NEA	1.65	3 iPd	33 00.19	-1.0
		eS	33 19.67	
TOA	1.65	119 P	33 01.80	0.5
THY	1.66	72 ePd	33 01.68	0.3
		eS	33 23.43	
PMS	1.70	185 P	33 02.00	0.0
PAX	1.73	87 ePd	33 02.33	0.0
		eS	33 24.05	
DDM	1.75	59 eP	33 03.00	0.4
SDG	1.76	102 ePd	33 02.62	0.0
		eS	33 25.64	
HDA	1.80	34 iPd	33 02.35	-0.8
		eS	33 23.57	
CCB	1.83	20 iPd	33 02.54	-1.1
		eS	33 24.67	
DJE	1.94	54 eP	33 04.25	-0.9
TZL	1.99	115 ePd	33 06.04	0.2
NCG	2.06	223 eP	33 06.37	-0.4
FBA	2.07	17 iPd	33 05.73	-1.2
		S	33 29.79	
PTE	2.08	177 eP	33 06.48	-0.5
CGLM	2.09	220 eP	33 07.30	0.1
KLU	2.13	131 iPd	33 06.73	-1.1
		eS	33 34.06	
CRP	2.16	220 eP	33 07.80	-0.5
CPKM	2.19	221 ePd	33 09.21	0.5
SPU	2.20	218 eP	33 08.99	0.2
CKN	2.20	220 eP	33 10.07	1.3
GLM	2.22	21 iPd	33 07.86	-1.1
		eS	33 32.93	
CKT	2.23	220 eP	33 09.73	0.6
BGL	2.24	223 eP	33 09.45	0.2
CKL	2.27	221 ePd	33 10.22	0.4
VZW	2.27	145 ePd	33 08.41	-1.3
VLZ	2.27	141 iPd	33 08.12	-1.5
GLI	2.30	153 iPd	33 08.76	-1.3
		eS	33 37.25	
BKG	2.35	219 eP	33 11.17	0.3
DOT	2.45	71 eP	33 11.38	-0.8
MPA	2.46	181 eP	33 12.03	-0.2
SLKM	2.48	191 eP	33 11.35	-1.2
FID	2.56	148 ePd	33 12.22	-1.4
KNIM	2.70	164 eP	33 14.35	-1.2
RDT	2.81	214 eP	33 17.21	0.1
SEW	2.84	182 eP	33 17.63	0.1
DFR	2.86	216 eP	33 18.70	0.8
HIN	2.87	152 ePd	33 16.11	-1.8
RDN	2.95	216 eP	33 19.89	0.7
REF	2.95	215 eP	33 20.36	1.1
NCT	2.96	218 eP	33 19.98	0.7
GLB	2.96	118 ePd	33 18.30	-0.9
RDW	2.99	216 eP	33 20.21	0.4
RS2	2.99	216 eP	33 20.83	1.0
RSO	2.99	215 eP	33 20.77	1.0
RS1	2.99	215 eP	33 20.67	0.8
RED	3.03	215 eP	33 21.62	1.3
MTU	3.06	165 eP	33 20.77	0.2
TTA	3.09	273 eP	33 19.46	-1.6
SGAM	3.11	140 ePd	33 18.94	-2.3
RAGM	3.36	137 eP	33 22.89	-1.9
SVW	3.52	241 eP	33 25.37	-1.6
HMT	3.53	135 eP	33 25.11	-2.1
CROM	3.63	124 eP	33 27.33	-1.4
IMA	3.68	331 ePd	33 27.59	-1.8
BALM	3.77	117 ePd	33 28.77	-1.9
KAIM	3.81	140 eP	33 28.86	-2.1
OPT	3.81	212 eP	33 31.36	0.3
WAX	3.94	126 eP	33 30.72	-2.2
FYU	4.03	24 eP	33 33.19	-0.9

AUH	4.12	211 P	33 37.50	2.1
SNH	4.13	129 eP	33 33.78	-1.8
CTGM	4.23	114 eP	33 35.78	-1.3
WRG	4.52	127 eP	33 39.41	-1.6
CDD	4.55	210 ePd	33 40.33	-1.2
PCA	5.16	119 eP	33 48.13	-1.9
KDC	5.45	199 (P)	33 52.58	-1.3
BCPM	5.50	119 eP	33 52.24	-2.4
HON	6.11	120 eP	34 00.13	-3.0
SIT	9.12	124 eP	34 42.00	-2.4

84 obs. associated

& SEP 20, 1992 09h 11m 19.60s
58.964 N 154.070 W
DEPTH = 106.2km
ALASKA PENINSULA (12)
<AEIC>.

CDD	0.22	99 iPd	11 34.07	0.7
MCNL	0.26	328 ePd	11 34.33	0.9
AUI	0.50	41 iPd	11 35.42	-0.8
		iS	11 47.73	
AUW	0.51	37 iPd	11 35.69	-0.6
AUH	0.51	39 iPd	11 35.73	-0.7
AUP	0.52	40 ePd	11 35.73	-0.8
AUL	0.53	38 iPd	11 35.75	-0.7
AUE	0.54	42 iPd	11 35.88	-0.6
OPT	0.81	32 iPd	11 38.09	-0.8
		eS	11 52.79	
PDB	0.83	356 iPd	11 37.82	-1.2
		eS	11 52.24	
SYI	0.94	111 iPd	11 39.08	-1.1
		eS	11 54.03	
HOM	1.43	60 eP	11 44.39	-1.3
		eS	12 03.94	
KDC	1.48	145 P	11 44.70	-1.5
RED	1.60	24 ePd	11 46.33	-1.6
RS1	1.64	23 iPd	11 47.02	-1.5
RS2	1.64	23 iPd	11 47.07	-1.5
RSO	1.64	23 iPd	11 47.05	-1.5
RDW	1.65	22 iPd	11 47.09	-1.6
REF	1.68	24 iPd	11 47.30	-1.7
RDN	1.69	22 eP	11 47.50	-1.6
NCT	1.70	19 ePd	11 47.67	-1.5
DFR	1.78	23 ePd	11 48.49	-1.6
RDT	1.82	27 ePd	11 48.65	-2.0
CKL	2.40	20 eP	11 56.38	-1.9
BGL	2.46	19 eP	11 57.65	-1.4
SLKM	2.49	50 eP	11 57.44	-2.0
CGLM	2.57	23 eP	11 59.22	-1.3
SEW	2.62	62 eP	11 59.11	-1.9
MPA	2.83	55 eP	12 01.59	-2.4
SUA	3.01	32 ePd	12 04.47	-2.0
PTE	3.18	51 eP	12 05.49	-3.1
PMS	3.21	43 P	12 06.50	-2.7

32 abs. associated

? SEP 20, 1992 09h 26m 25.82±1.16s
39.127 N ± 9.8km 27.481 E ± 18.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

IZM	0.75	193 iPg	26 40.50	0.0
DST	1.01	61 iPg	26 44.90	-0.1
		eSg	27 00.00	
EDC	1.25	13 ePg	26 49.00	-0.1
KCT	1.31	31 iPg	26 50.20	0.2

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

* SEP 20, 1992 09h 43m 18.88±0.52s
13.962 S ± 9.7km 166.723 E ± 12.9km
DEPTH = 33.0km (normal)
4.8mb (5 obs.)

VANUATU ISLANDS (186)

BKM	3.96	159 iPd	44 18.60	-0.3
		iS	44 54.10	
PVC	4.06	158 iP	44 22.10	1.9
DZM	8.07	182 iPd	45 14.90	-1.9
		iS	46 38.10	
BRS	18.65	222 eP	47 22.00	-14.3X
		e	47 38.00	
CTA	20.49	250 iPd	48 01.20	4.4X
	1.0s	22.50nm		4.5mb
		iPd	48 16.50	72kmX
RMQ	20.93	231 iPd	48 03.20	1.9
	0.7s	78.00nm		5.2mb

20d 09h

CMS 25.91 224 iPd 48 48.60 -1.2
0.2s 5.00nm 4.8mb
WB2 31.49 255 iPc 49 40.30 0.1
0.5s 4.40nm 4.6mb
ASPA 32.46 248 eP 49 48.20 -0.4
0.4s 13.20nm 5.2mb
WARB 39.40 246 eP 50 47.90 0.3
MEEK 46.60 247 iPd 51 45.70 -0.2
NANU 49.17 252 eP 52 06.30 0.4
CDF 141.67 338 ePKP 02 43.10 -5.8X
0.8s 2.30nm
FLN 143.73 346 ePKP 02 49.50 -2.7
0.9s 5.40nm
SSF 144.14 340 ePKP 02 52.00 -1.0
0.6s 3.80nm
GRR 144.17 346 ePKP 02 51.40 -1.6
0.5s 5.60nm
LPG 144.29 336 ePKP 02 52.20 -1.5
0.6s 1.70nm
AVF 144.43 340 ePKP 02 52.50 -1.0
0.6s 1.55nm
LPF 144.54 346 ePKP 02 52.30 -1.3
0.5s 5.05nm
MAF 145.18 341 ePKP 02 55.00 0.2
0.9s 3.10nm
SBF 145.33 333 ePKP 02 55.10 -0.1
0.7s 7.60nm
LSF 145.48 342 ePKP 02 55.60 0.3
0.9s 4.90nm
PGF 145.63 330 ePKP 02 56.30 0.5
0.7s 3.95nm
MFF 145.64 344 ePKP 02 56.20 0.6
0.8s 6.45nm
FRF 145.91 334 ePKP 02 56.80 0.7
0.9s 4.60nm
LRG 146.12 334 ePKP 02 58.60 2.2
0.7s 4.50nm
LMR 146.15 334 ePKP 02 58.40 1.9
0.8s 4.55nm
LPO 147.00 341 ePKP 03 00.20 2.4
0.7s 2.75nm
BCAO 147.24 256 iPKPd 02 59.00 -0.2
0.8s 11.00nm
ic 03 39.00
S.D. = 1.4 on 26 of 29 obs.

SEP 20, 1992 10h 06m 15.32±0.61s
3.508 N ±14.5km 82.797 W ±20.2km
DEPTH = 33.0km (normal)
4.5mb (8 obs.)
SOUTH OF PANAMA (83)

NNA 16.49 159 eP 10 12.50 6.5X
0.8s 10.45nm 4.0mb
ZOBO 24.44 144 P 11 32.50 -0.6
Z 24s 0.15um 3.4MszX
LR 19 22.00
LPB 24.65 144 P 11 36.00 1.1
CNCB 24.94 144 P 11 37.80 0.0
CCH 26.48 142 eP 11 59.00 7.1X
HBF 29.36 4 eP 12 17.92 0.4
GBTN 32.03 358 eP 12 40.82 -0.2
ALO 38.21 328 eP 13 34.93 0.8
1.3s 7.93nm 4.4mb
GLD 41.41 334 eP 14 02.50 2.0
1.1s 19.29nm 4.7mb
GOL 41.43 333 (P) 14 03.50 2.7
1.3s 5.21nm 4.1mb
PV10 42.16 329 eP 14 07.10 0.3
SRU 43.48 328 eP 14 17.50 0.0
BW06 45.79 332 eP 14 35.00 -1.0
1.4s 6.57nm 4.4mb
HHA1 47.52 331 eP 14 49.52 0.0
ORV 50.15 321 iPc 15 09.55 -0.2
LBFM 51.44 323 eP 15 18.67 -1.2
SES 52.45 338 ePc 15 26.10 -1.0
NEW 53.41 332 eP 15 32.00 -2.2
1.3s 18.87nm 4.9mb
MBC 75.47 352 eP 17 57.00 -0.5
1.4s 13.00nm 4.7mb
EKA 81.23 35 P 18 29.00 -0.3
1.2s 7.40nm 4.6mb
SNF 85.46 40 Pc 18 50.80 -0.2
WLF 86.67 41 P 18 57.00 0.0
SHL 150.64 10 iPKPc 26 04.50 3.6X
S.D. = 1.1 on 20 of 23 obs.

SEP 20, 1992 10h 07m 43.95s
34.929 N 116.769 W
DEPTH = 0.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS).

SSK 1.05 227 ePd 08 03.36 -1.3
S 08 17.86
PEC 1.08 197 iPd 08 04.03 -1.2
PLM 1.57 183 eP 08 11.86 -1.4
S 08 34.75
ISA 1.57 298 ePn 08 10.53 -2.7
ABL 2.02 268 eP 08 18.78 -1.0
TPNV 2.06 12 ePn 08 18.79 -1.5
GLA 2.47 139 eP 08 29.07 3.0
S 09 03.03
BCH 2.73 276 eP 08 27.84 -2.0
TNP 3.17 354 (Pn) 08 38.88 2.8
BONR 3.26 338 (P) 08 36.61 -1.0
MSU 5.14 45 (P) 09 15.85 11.7
11 obs. associated

SEP 20, 1992 10h 40m 32.83±0.99s
39.046 N ±11.3km 27.741 E ±18.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM 0.75 210 iPg 40 47.50 0.0
iSg 41 00.00
DST 0.89 51 iPn 40 49.90 0.0
KCT 1.29 21 iPn 40 56.70 -0.1
BNT 1.32 6 ePn 40 57.20 0.1
S.D. = 0.1 on 4 of 4 obs.

SEP 20, 1992 11h 32m 29.66±0.70s
39.961 N ±5.8km 23.410 E ±5.3km
DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
MD 1.7 (THE).

PAIG 0.21 99 iPg 32 34.06 -0.2
iSg 32 37.66
OUR 0.58 49 ePg 32 40.94 -0.4
iSg 32 49.42
LIT 0.72 281 iPg 32 43.18 -0.7
iSg 32 54.14
THE 0.75 333 ePg 32 43.46 -0.9
iSg 32 54.18
SOH 0.86 357 ePg 32 46.06 -0.2
eSg 32 58.10
SRS 1.16 7 ePg 32 52.30 0.9
eSg 33 08.54
AGG 1.26 222 ePb 32 53.50 0.5
eSb 33 11.90
GRG 1.26 323 ePb 32 53.46 0.4
iSb 33 10.34
KNT 1.26 342 ePb 32 53.54 0.4
S.D. = 0.7 on 9 of 9 obs.

SEP 20, 1992 12h 45m 22.22±1.05s
7.313 N ±5.2km 127.076 E ±9.5km
DEPTH = 46.2 ± 8.9 km
4.8mb (14 obs.) 4.5Msz (6 obs.)
PHILIPPINE ISLANDS REGION (248)

BIP 1.22 318 iPc 45 42.00 -1.1
eS 46 38.00
CGP 2.62 296 iPc 46 04.00 1.0
eS 46 38.00
MAP 4.28 315 iPc 46 26.00 -0.5
iS 47 21.00
PLP 4.35 332 ePd 46 27.00 -0.6
eS 47 28.00
MNI 6.24 201 eP 46 57.00 3.6X
HKC 19.41 322 eP 49 48.00 0.4
OIZ 20.40 306 eP 50 02.30 4.2X
N 12s 0.79um
E 14s 1.33um
MTN 20.43 169 eP 49 57.80 -0.6
NJ2 25.78 344 eP 50 47.00 -3.6X
N 14s 0.55um
E 12s 0.43um
WHN 26.01 334 eP 50 52.00 -0.7
Z 24s 2.03um 4.6MszX
E 20s 2.78um
LOE 26.68 294 eP 51 01.00 2.0
WB2 28.02 165 eP 51 10.60 -0.6

0.5s 8.50nm 4.6mb
CHG 29.64 295 eP 51 25.50 -0.3
e 54 30.00
XAN 31.44 330 eP 51 40.00 -1.6
1.0s 5.70nm 4.3mb
Z 20s 0.73um 4.3Msz
pP 51 53.50 53kmX
ASPA 31.50 168 eP 51 42.70 0.5
0.5s 7.00nm 4.7mb
Z 18s 1.00um 4.5Msz
eS 56 43.60
CTA 33.13 146 iPc 51 47.00 -9.4X
WARB 33.30 181 eP 51 57.00 -0.8
BJI 34.02 345 eP 52 09.50 5.6X
1.4s 24.00nm 4.9mb
Z 20s 0.60um 4.3Msz
eS 57 28.00
SNY 34.51 355 Pc 52 07.50 -0.6
1.0s 27.00nm 5.1mb
Z 18s 0.89um 4.5Msz
E 12s 0.41um
S 57 35.00
LZH 35.66 327 eP 52 18.50 0.4
Z 15s 1.16um 4.8MszX
E 13s 0.66um
HHC 36.15 340 eP 52 21.80 -0.4
Z 16s 1.42um 4.8MszX
N 16s 0.75um
E 17s 0.61um
CN2 36.37 358 eP 52 23.30 -0.5
0.6s 3.00nm 4.4mb
Z 16s 0.59um 4.5MszX
eS 58 04.00
MDJ 37.22 3 eP 52 31.80 0.8
1.1s 54.00nm 5.4mb
Z 20s 0.62um 4.4Msz
S 58 18.00
MRWA 37.85 196 eP 52 35.00 -1.5
COOL 38.40 188 eP 52 40.00 -1.1
KLB 39.70 192 eP 52 51.00 -0.8
GTA 40.26 327 eP 52 56.80 0.2
Z 16s 1.43um 4.9MszX
E 13s 1.13um
MUN 40.42 194 eP 52 57.30 -0.5
LSA 40.43 308 eP 52 58.90 0.4
STKA 41.36 161 eP 53 05.90 0.4
BRS 42.53 145 eP 53 16.50 1.3
e(S) 01 00.00
GUN 43.99 303 P 53 27.60 0.1
PKI 44.27 302 P 53 30.80 1.0
KKN 44.45 303 P 53 32.40 1.3
DMN 44.54 302 P 53 31.60 -0.2
GKN 45.06 303 P 53 35.20 -0.7
CAN 47.18 155 eP 53 55.70 3.4X
HYB 48.33 287 eP 54 01.50 0.0
GBA 49.14 282 P 54 06.00 -1.8
WMO 50.04 323 P 54 14.00 -0.4
1.5s 14.00nm 4.8mb
MAIO 67.66 306 eP 56 17.00 0.0
FBA 81.36 25 eP 57 34.00 -0.3
1.1s 3.82nm 4.3mb
OBN 84.33 325 iPc 57 50.00 -0.6
0.8s 18.00nm 5.2mb
Z 19s 0.60um 5.0Msz
E 19s 0.30um
e 57 56.00
KAF 88.60 332 iP 58 10.50 -0.8
0.8s 3.60nm 4.7mb
NUR 89.75 331 eP 58 15.90 -0.9
0.3s 1.20nm 4.7mb
DAG 93.79 353 eP 58 34.20 -1.0
0.9s 7.56nm 5.1mb
KSP 97.20 323 eP 58 49.50 -1.7
GEC2 99.50 322 eP 59 00.10 -1.7
1.1s 2.84nm 4.7mb
e 59 11.90
GRF 100.65 324 e(Pdif) 59 07.60 0.8
CNCB 162.52 124 PKP 05 38.50 17.0X
LPB 162.57 123 ePKP 05 36.00 14.7X
ZOBO 162.66 122 PKP 05 23.20 1.5
S.D. = 0.9 on 44 of 52 obs.

SEP 20, 1992 13h 06m 45.93±1.59s
7.302 N ±8.1km 126.897 E ±15.4km
DEPTH = 82.6 ± 13.5 km
4.7mb (8 obs.)

20d 13h

MINDANAO, PHILIPPINE ISLANDS (259)

CGP	2.46	298	eP	07 25.00	0.2
			eS	07 45.00	
MAP	4.16	316	iPc	07 48.00	-0.4
			iS	08 23.00	
PLP	4.28	334	ePd	07 16.00	-34.0X
			eS	08 18.00	
OIZ	20.26	307	eP	11 22.80	5.6X
LOE	26.52	295	eP	12 20.90	3.1X
WB2	28.05	165	eP	12 30.30	-1.3
	0.4s		5.00nm		4.5mb
XAN	31.36	331	P	13 01.50	0.5
SNY	34.51	356	Pd	13 28.20	0.1
	1.0s		13.00nm		4.8mb
LZH	35.57	327	eP	13 44.00	6.6X
	1.8s		21.00nm		4.8mb
MDJ	37.24	3	eP	13 51.80	0.7
	1.0s		28.00nm		5.1mb
KLB	39.65	192	eP	14 11.70	0.3
GTA	40.18	327	eP	14 16.00	0.2
MUN	40.37	194	eP	14 18.00	0.7
BRS	42.62	145	iP	14 36.50	0.6
			i	14 47.50	
HYB	48.16	287	eP	15 20.50	0.4
GBA	48.97	282	P	15 26.00	-0.3
WMO	49.94	323	eP	15 33.00	-0.5
KAF	88.53	332	eP	19 28.00	-2.3
	0.9s		4.20nm		4.6mb
NUR	89.68	331	eP	19 36.20	0.4
	0.4s		1.20nm		4.4mb
DAG	93.77	353	eP	19 54.40	0.0
	0.8s		5.22nm		5.0mb
GEC2	99.40	322	ePc	20 21.40	0.7
	0.7s		0.74nm		4.4mb
			e	20 28.30	
			e	20 33.40	

S.D. = 0.9 on 17 of 21 obs.

? SEP 20, 1992 13h 28m 19.91±1.08s
 34.812 S ±25.4km 107.820 W ±22.5km
 DEPTH = 10.0km (geophysicist)
 4.9mb (4 obs.) 4.7msz (11 obs.)
 SOUTHERN EAST PACIFIC RISE (684)

CNCB	39.78	74	P	35 55.30	-0.2
LPB	39.85	73	eP	36 06.00	10.2X
			LR	47 16.00	
ZOBO	39.96	73	P	35 56.80	-0.2
			S	41 24.00	
			LR	47 30.00	
RSTA	51.41	95	eP	37 38.40	11.2X
PDCR	65.52	88	(P)	39 13.00	7.1X
TUC	66.82	357	P	39 20.00	6.1X
	20s		0.48um		4.7msz
PLM	68.34	352	eP	39 22.52	-1.0
PEC	68.90	352	(P)	39 25.36	-1.5
ALO	69.40	1	P	39 40.00	9.9X
	22s		0.40um		4.6msz
ARUT	72.42	355	(P)	39 47.35	-0.9
PRM	72.57	22	(P)	39 49.03	0.1
TNP	73.05	352	(P)	39 51.44	-0.5
	0.9s		4.18nm		4.5mb
JSC	73.09	23	eP	39 52.66	0.6
HON	73.39	312	P	40 10.00	16.0X
	21s		0.72um		4.9msz
CMB	73.41	350	P	40 00.00	6.1X
	20s		0.31um		4.6msz
LHS	73.42	23	eP	39 54.63	0.7
SRU	73.60	358	eP	39 53.94	-1.2
FVM	74.21	14	eP	39 57.18	-1.3
	0.8s		10.24nm		4.9mb
DAU	74.92	357	eP	40 02.33	-0.6
CEH	75.27	24	P	40 20.00	15.4X
	20s		0.70um		5.0msz
WDC	76.24	349	P	40 20.00	10.0X
	20s		0.35um		4.7msz
LBFM	76.88	349	(P)	40 14.02	0.1
BW06	77.23	359	eP	40 14.69	-1.1
	1.8s		20.25nm		4.9mb
HMAI	77.84	357	eP	40 21.02	2.0
RSSD	78.63	3	P	40 30.00	6.5X
	19s		0.07um		4.0msz
JFWS	79.00	13	P	40 40.00	14.7X
	21s		0.31um		4.6msz
DPW	82.83	353	eP	40 47.31	1.9
RMW	82.86	350	(P)	40 48.30	2.7X

GMW	83.08	350	eP	40 49.00	2.3
NEW	83.12	354	eP	40 48.00	1.1
	1.2s		22.73nm		5.2mb
RSNY	84.58	23	P	41 10.00	15.7X
	19s		0.28um		4.7msz
PMR	101.74	341	Pdiff	42 30.00	16.3X
	20s		0.59um		5.1msz
KHC	135.24	53	ePKP	47 42.50	1.4
GEC2	135.30	53	ePKP	47 38.70	-2.6
	1.5s		2.51nm		
			e	47 49.90	
BJI	144.94	292	ePKP	47 56.50	-2.2
TIY	147.58	287	ePKP	48 05.50	2.2
	24s		0.69um		5.4mszX
OBN	148.18	39	ePKPc	48 06.00	2.5
	1.8s		120.00nm		
	20s		0.30um		5.1msz
			e	48 55.00	
			e	50 01.00	
NST	148.51	240	ePKP	48 10.50	5.3X
HHC	148.51	293	PKP	48 09.00	4.3X
BTO	149.68	292	ePKP	48 11.00	4.5X
XAN	149.79	279	ePKP	48 11.00	4.2X
IRK	151.23	317	ePKP	48 13.00	4.7X
	1.7s		27.00nm		
			e	48 33.00	
CHG	151.41	243	ePKP	48 08.00	-1.6
LZH	154.23	282	ePKP	48 21.00	7.7X
	1.8s		24.00nm		
			pP	48 32.50	

S.D. = 1.6 on 24 of 44 obs.

? SEP 20, 1992 14h 13m 23.01±0.98s
 10.828 N ±16.5km 86.151 W ±19.7km
 DEPTH = 33.0km (normal)
 4.4mb (3 obs.)
 OFF COAST OF COSTA RICA (77)

PRM	23.41	8	eP	18 31.36	1.4
JSC	23.77	10	eP	18 33.65	0.2
PWLA	24.10	356	eP	18 36.98	0.3
UYO	24.44	343	iPd	18 38.70	-1.3
GBTN	24.79	4	eP	18 43.60	0.3
ALO	30.31	326	eP	19 36.00	2.1
	1.0s		18.75nm		4.8mb
PV10	34.23	327	eP	20 08.00	-0.2
SRU	35.56	326	eP	20 18.31	-1.2
MSU	36.07	324	eP	20 24.45	0.6
ARUT	36.33	322	(P)	20 44.28	18.3X
RSSD	36.60	338	eP	20 26.97	-1.2
	0.8s		3.98nm		4.4mb
			ePcP	22 50.91	
DAU	36.89	327	eP	20 31.19	0.4
			ePcP	22 52.79	
BW06	37.80	332	eP	20 37.59	-0.8
	1.0s		3.33nm		4.2mb
HMAI	39.56	330	(P)	20 52.15	-0.7
			ePcP	23 01.50	
VGB	45.48	326	eP	21 41.60	0.6
BAO	46.03	124	Pc	21 45.90	0.1
			e	21 49.70	
WB2	140.00	252	ePKP	32 52.70	2.0
	0.8s		2.40nm		
GBA	150.77	34	PKP	33 06.10	-2.5

S.D. = 1.3 on 17 of 18 obs.

% SEP 20, 1992 14h 16m 19.38±0.53s
 46.173 N ±5.8km 2.079 E ±5.1km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.4 (LDG).

TCF	0.15	38	Pg	16 23.90	1.1
			Sg	16 26.90	
MAF	0.34	82	Pg	16 26.60	0.1
			Sg	16 31.50	
LSF	0.39	282	Pg	16 27.20	-0.2
			Sg	16 32.00	
BGF	0.66	54	Pg	16 32.00	-0.5
			Sg	16 40.80	
RJF	0.95	205	Pg	16 37.40	-0.2
			Sg	16 49.00	
AVF	1.08	54	Pg	16 39.10	-0.5
			Sg	16 52.10	
CAF	1.25	180	Pg	16 42.80	0.2
			Sg	16 57.90	
SMF	1.31	68	Pg	16 43.20	-0.4

			Sg	16 58.80	
SSF	1.33	47	Pg	16 43.70	-0.1
			Sg	17 00.30	
LBF	1.54	58	Pg	16 47.30	0.3
			Sg	17 06.50	

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

& SEP 20, 1992 14h 19m 33.37s
 33.910 N 116.768 W
 DEPTH = 18.7km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS). 3.0 (GS).
 Felt (IV) at Yucaipa.

PEC	0.33	267	iPc	19 39.86	-0.6
PLM	0.56	188	iPd	19 43.82	-0.7
			S	19 51.22	
SSK	0.82	292	iPc	19 48.40	-0.6
			S	20 00.09	
GLA	1.83	117	ePn	20 03.41	-0.9
ABL	2.24	296	ePn	20 09.34	-0.9
ISA	2.24	322	ePn	20 09.07	-1.2
			S	20 42.80	
BCH	3.02	296	ePn	20 20.11	-1.1
TPNV	3.06	8	ePn	20 21.06	-0.8
TNP	4.18	355	ePn	20 36.93	-0.9
BONR	4.22	343	ePn	20 37.90	-0.7
			ePg	20 52.19	

10 obs. associated

? SEP 20, 1992 14h 53m 19.75±1.18s
 40.817 N ±7.0km 28.057 E ±21.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

BNT	0.47	193	iPg	53 30.20	0.8
			iSg	53 36.20	
EDC	0.49	197	ePg	53 29.00	-0.7
			eSg	53 36.00	
KCT	0.61	158	ePg	53 32.00	-0.1
DMK	1.03	347	iPg	53 39.20	0.0
			iSg	53 52.20	

S.D. = 1.1 on 4 of 4 obs.

* SEP 20, 1992 18h 01m 05.23±0.94s
 13.821 N ±4.8km 60.996 W ±28.6km
 DEPTH = 10.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.7 (TRN). ML 3.3 (FDF). Felt
 on St. Lucie.

SOA	0.47	198	iP	01 14.23	-0.5
			eS	01 21.79	
SVB	0.60	205	iP	01 17.07	-0.3
BIM	0.70	354	iPd	01 19.44	0.4
			S	01 29.40	
MVM	0.74	8	iPc	01 19.97	0.3
FDF	0.92	351	iPc	01 23.03	0.2
			S	01 35.00	
GRW	1.77	202	eP	01 36.05	-0.2
MGG	2.11	352	eP	01 40.00	-1.0
PAG	2.29	343	eP	01 45.00	1.2
DEG	2.48	359	eP	01 45.00	-1.3
TRN	3.18	187	eP	01 56.80	0.6
			eS	02 36.00	
TCE	3.19	193	eP	01 57.00	0.6
			eS	02 36.20	

S.D. = 0.8 on 11 of 11 obs.

% SEP 20, 1992 18h 59m 05.91±1.40s
 43.213 N ±10.1km 18.952 E ±7.6km
 DEPTH = 5.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

PLE	0.34	70	iPg	59 12.94	0.1
			iSg	59 17.92	
NKY	0.40	175	iPg	59 14.47	0.5
			iSg	59 21.05	
BRY	0.43	224	iPg	59 14.48	-0.1
			iSg	59 21.54	
IVA	0.77	116	iPg	59 21.32	-0.1
			iSg	59 32.63	
TTG	0.82	164	iPg	59 21.18	-1.0
			iSg	59 34.58	
HCV	0.83	204	iPg	59 22.57	0.0
			iSg	59 34.90	

PVY 0.97 129 iPg 59 24.97 0.0 iSg 59 39.62 ULC 1.27 170 iPg 59 30.40 0.5 iSg 59 49.39 S.D. = 0.5 on 8 of 8 obs.	DHB 0.27 38 iPd 45 21.29 -0.1 S 45 25.59 TPRS 0.28 360 ePd 45 21.39 -0.3 S 45 25.65 SCY 0.32 20 iPd 45 22.00 -0.4 LCL 0.33 85 eP 45 22.46 -0.1 CIW 0.34 175 iPd 45 22.29 -0.5 S 45 27.21 GFP 0.40 35 iPd 45 23.23 -0.7 S 45 28.95 PAS 0.48 45 eP 45 24.86 -0.8 S 45 31.81 BLG 0.50 307 eP 45 24.93 -1.0 S 45 31.94 MWC 0.60 46 eP 45 27.03 -1.0 VPD 0.69 89 eP 45 28.76 -0.9 PEM 0.70 59 eP 45 28.68 -1.2 PCF 0.70 69 eP 45 29.26 -0.8 S 45 39.84 SSK 0.84 61 ePn 45 31.68 -1.0 S 45 45.12 ABL 1.17 333 ePnd 45 36.35 -1.9 PEC 1.19 85 ePn 45 36.72 -1.8 S 45 52.99 PLM 1.51 107 ePn 45 40.91 -2.8 BCH 1.85 318 ePn 45 47.59 -1.0 ISA 1.86 3 eP 45 47.87 -0.7 20 obs. associated	BALM 2.45 101 eP 14 42.66 -1.0 CKL 2.46 263 eP 14 43.09 -0.6 RDT 2.68 250 eP 14 47.24 0.3 HDA 2.83 3 eP 14 48.82 -0.1 REF 2.85 250 eP 14 50.08 0.6 RDW 2.90 250 eP 14 50.51 0.4 YAH 2.97 112 eP 14 51.67 0.5 FBA 3.33 356 (P) 14 52.64 -3.4 TTA 4.29 292 eP 15 08.44 -1.3 IMA 5.31 331 eP 15 23.20 -1.0 48 obs. associated
% SEP 20, 1992 19h 01m 06.48 ± 2.14s 16.761 N ± 21.1km 100.036 W ± 9.9km DEPTH = 24.7 ± 8.1 km NEAR COAST OF GUERRERO, MEXICO (58)	% SEP 20, 1992 21h 14m 02.89s 61.590 N 147.296 W DEPTH = 10.1km SOUTHERN ALASKA (2) <AEIC>. ML 2.6 (AEIC).	SEP 20, 1992 21h 27m 56.44 ± 1.24s 45.600 N ± 12.3km 14.282 E ± 5.9km DEPTH = 10.0km (geophysicist) NORTHWESTERN BALKAN REGION (383) MD 3.0 (LJU), 2.5 (TRI), ML 2.5 (VIE), 2.3 (ZAG). Felt (IV) at Jelstone, Slovenia.
ACX 0.20 58 iPc 01 12.30 0.1 iS 01 15.55 III 1.70 19 iP 01 34.93 -0.1 iS 01 58.00 PPM 2.66 30 eP 01 47.62 -1.5 (S) 02 20.50 UNM 2.68 17 eP 01 50.00 0.7 (S) 02 21.50 IIA 2.71 29 (P) 01 53.13 3.7X IIT 2.79 36 eP 01 51.00 0.3 OXX 3.19 84 eP 01 56.00 -0.4 IISM 3.36 48 iP 01 59.00 0.3 (S) 02 39.00 COLM 4.23 305 (P) 02 11.00 -0.1 (S) 03 07.00 S.D. = 0.9 on 8 of 9 obs.	CEY 0.17 36 iPg 27 59.60 -0.8 iSg 28 03.00 TRI 0.38 287 ePg 28 02.70 -1.5 iSg 28 08.70 LJU 0.48 22 ePg 28 05.50 -0.6 iSg 28 13.50 VOY 0.51 328 ePg 28 05.60 -1.2 eSg 28 14.60 VBY 0.69 98 ePg 28 09.20 -0.9 iSg 28 19.60 PTJ 1.21 75 iPg 28 19.20 0.1 i(Sg) 28 36.80 ZAG 1.21 79 ePg 28 20.00 1.0 eSn 28 38.00 FVI 1.44 314 P 28 23.40 0.9 eSn 28 44.20 KBA 1.61 337 iPg 28 26.90 1.7 iSg 28 49.50 WTTA 2.47 313 iPnc 28 38.90 1.3 iPg 28 45.60 iSg 29 15.10 S.D. = 1.3 on 10 of 10 obs.	* SEP 20, 1992 21h 32m 33.16 ± 1.44s 36.320 N ± 10.0km 70.916 E ± 8.8km DEPTH = 137.4 ± 17.2 km 4.7mb (11 obs.) HINDU KUSH REGION, AFGHANISTAN (718)
PLE 0.35 77 iPg 51 08.67 0.2 iSg 51 13.77 NKY 0.44 173 iPg 51 10.38 0.2 iSg 51 17.67 BRY 0.45 219 iPg 51 10.35 0.0 iSg 51 17.42 IVA 0.81 118 iPg 51 17.13 -0.4 iSg 51 29.27 TTG 0.86 163 iPg 51 18.27 0.0 iSg 51 31.27 HCY 0.86 202 iPg 51 18.29 -0.1 iSg 51 31.43 BDV 0.97 184 iPg 51 20.14 -0.1 iSg 51 35.07 PVY 1.01 130 ePg 51 21.03 0.0 iSg 51 36.38 ULC 1.31 169 iPg 51 26.49 0.4 iSg 51 46.32 S.D. = 0.3 on 9 of 9 obs.	SCM 0.24 356 iPc 14 08.38 0.2 eS 14 11.97 SML 0.54 294 iPd 14 13.19 -0.6 iS 14 20.45 KNK 0.58 253 iPd 14 14.12 -0.6 eS 14 21.70 VZW 0.64 146 ePd 14 14.84 -1.0 VLZ 0.65 134 iPd 14 14.74 -1.2 S 14 24.54 KLU 0.67 98 iPd 14 15.41 -0.8 eS 14 24.50 GLI 0.72 172 eP 14 16.95 -0.1 eS 14 27.05 TOA 0.74 45 P 14 17.10 -0.4 GHO 0.80 284 iPd 14 17.40 -1.0 eS 14 28.66 PLRM 0.88 271 ePd 14 18.76 -1.0 eS 14 30.77 PMR 0.88 271 ePd 14 18.44 -1.3 FID 0.93 154 P 14 19.90 -0.8 TZL 1.00 62 eP 14 21.34 -0.5 PTE 1.11 230 ePd 14 23.47 -0.2 S 14 38.15 PMS 1.14 253 eP 14 23.73 -0.6 eS 14 38.88 PWA 1.24 274 eP 14 24.89 -0.9 SDG 1.25 41 ePd 14 24.86 -1.3 S 14 39.90 HIN 1.26 162 ePd 14 26.56 0.3 KNIM 1.26 190 eP 14 25.40 -1.0 SGAM 1.49 136 eP 14 28.83 -0.9 S 14 48.28 MPA 1.49 223 eP 14 29.96 0.3 S 14 49.33 LTI 1.58 190 eP 14 31.74 0.8 PAX 1.63 31 ePd 14 30.64 -1.1 eS 14 51.50 SUA 1.66 267 eP 14 32.06 -0.1 GLB 1.68 94 iPc 14 30.72 -1.7 RAGM 1.76 132 eP 14 33.40 -0.2 HUR 1.77 323 eP 14 32.84 -0.9 SLKM 1.79 234 eP 14 34.76 0.7 SEW 1.83 216 eP 14 34.69 0.2 HMT 1.94 129 eP 14 36.62 0.3 SKT 2.05 283 eP 14 37.90 0.1 CROM 2.18 111 eP 14 39.68 -0.2 CGLM 2.28 265 eP 14 39.65 -1.6 TGL 2.32 109 eP 14 40.62 -1.2 SPU 2.33 262 eP 14 40.06 -1.8 TRF 2.33 325 eP 14 41.94 0.0 NCG 2.34 268 eP 14 42.81 0.7 BKG 2.45 260 eP 14 43.71 0.1	KSH 5.08 50 P 33 51.00 2.5 0.6s 600.00nm 6.0mb X S 34 47.00 MAIO 9.22 273 eP 34 44.00 -0.3 eS 36 23.00 NDI 9.29 143 eP 34 45.50 0.5 0.5s 21.13nm 5.1mb eS 36 24.00 GKN 14.27 122 P 35 49.00 -1.1 DMN 14.84 122 P 35 56.40 -1.0 KKN 14.84 121 P 35 55.80 -1.7 WMQ 14.86 55 P 35 56.00 -1.5 PKI 15.07 121 P 35 58.60 -1.8 GUN 15.19 119 P 35 59.80 -2.1 0.4s 31.00nm 5.0mb LSA 18.19 105 eP 36 41.60 3.0 HYB 20.01 158 eP 36 59.00 1.8 SHL 20.89 115 eP 37 07.50 1.3 GTA 22.98 74 eP 37 27.60 1.1 0.8s 6.00nm 4.0mb GBA 23.36 164 P 37 32.80 2.6 MLR 34.81 299 ePc 39 14.00 1.5 KAF 37.74 327 iP 39 36.50 -0.2 0.4s 1.50nm 4.1mb NUR 37.93 324 iP 39 38.30 -0.1 0.4s 9.10nm 4.9mb BRG 42.68 308 i(P) 40 18.20 0.7 GEC2 42.98 305 eP 40 20.80 0.7 0.6s 0.45nm 3.3mb X e 40 22.60 e 40 33.50 e 41 54.90 e 42 03.80 e(PcP) 42 07.60 e 42 18.80 HFS 43.17 322 eP 40 20.50 -0.8 0.4s 6.80nm 4.7mb CLL 43.25 309 eP 40 22.00 -0.1
% SEP 20, 1992 20h 13m 27.77 ± 0.50s 40.768 N ± 4.4km 23.133 E ± 4.3km DEPTH = 10.0km (geophysicist) GREECE (364) MD 2.0 (THE).	% SEP 20, 1992 20h 45m 15.92s 33.806 N 118.585 W DEPTH = 6.0km (geophysicist) SOUTHERN CALIFORNIA (43) <PAS-P>. ML 2.8 (PAS).	
SOH 0.18 72 iPg 13 32.06 0.3 iSg 13 35.86 THE 0.19 223 iPg 13 31.94 0.0 iSg 13 34.66 KNT 0.43 336 ePg 13 36.57 0.0 iSg 13 43.58 SRS 0.49 45 ePg 13 37.58 -0.2 iSg 13 44.86 GRG 0.59 289 iPg 13 39.65 0.0 iSg 13 48.78 OUR 0.78 124 ePg 13 42.74 -0.2 iSg 13 54.65 LIT 0.83 217 ePg 13 43.82 0.0 eSg 13 55.58 PAIG 0.94 153 ePg 13 45.66 0.0 eSg 13 58.46 S.D. = 0.2 on 8 of 8 obs.		

20d 21h

NB2 44.48 323 P 40 31.00 -1.0
0.4s 6.00nm 4.6mb
EKA 52.37 316 P 41 32.10 -0.7
0.7s 2.90nm 4.2mb
BCAO 57.53 249 ePd 42 09.20 -1.4
0.4s 5.00nm 4.8mb
MBC 67.52 3 eP 43 15.00 -0.8
0.6s 6.00nm 4.6mb
WB2 81.96 122 iPc 44 37.80 -1.1
0.4s 9.80nm 4.9mb
S.D. = 1.6 on 26 of 26 obs.

SEP 20, 1992 23h 03m 45.19±0.47s
42.944 N ± 7.2km 17.985 E ± 4.2km
DEPTH = 10.0km (geophysicist)
ADRIATIC SEA (382)
MD 3.4 (LJU), 2.7 (TTG).

BRY 0.41 96 iPg 03 53.51 -0.2
iSg 03 59.95
HCY 0.62 143 iPg 03 57.38 -0.4
iSg 04 07.69
NKY 0.76 100 iPg 03 59.53 -0.5
iSg 04 11.34
BDV 0.91 136 iPg 04 02.52 0.0
iSg 04 16.96
TTG 1.07 118 iPg 04 05.16 -0.2
iSg 04 22.04
PLE 1.10 69 iPg 04 05.26 -0.7
iSg 04 22.17
HVAR 1.15 282 iPg 04 05.70 -1.0
iSg 04 22.90
ULC 1.36 136 iPg 04 10.26 0.1
iSg 04 31.46
IVA 1.41 92 iPg 04 11.06 0.1
iSg 04 32.58
PVY 1.51 103 iPg 04 12.87 0.5
iSg 04 35.11
BRT 2.15 196 P 04 26.00 4.5X
SKO 2.73 110 ePn 04 31.00 1.1
i 04 35.00
OHR 2.78 130 ePn 04 36.70 6.0X
DUI 2.91 245 P 04 43.00 10.5X
SGO 3.11 221 P 04 46.50 11.3X
VBY 3.22 323 ePn 04 42.30 5.5X
iSg 05 18.80
PTJ 3.29 335 eP 04 47.20 9.3X
CEY 3.78 319 e(Pn) 04 45.50 0.7
e(Sn) 05 32.00
ASS 3.91 274 P 04 47.00 0.4
LJU 3.96 323 eP 05 02.00 14.7X
e(Sg) 05 52.50
S.D. = 0.6 on 13 of 20 obs.

SEP 21, 1992 00h 00m 51.02±0.56s
40.675 N ± 6.0km 21.593 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 2.1 (THE).

FNA 0.20 304 ePg 00 55.64 0.2
eSg 00 59.14
GRG 0.68 65 ePg 01 03.70 -0.8
eSg 01 13.58
OHR 0.74 306 iPg 01 05.40 -0.2
iSg 01 17.60
Lg 01 20.70
LIT 0.89 130 ePg 01 07.66 -0.5
eSg 01 20.98
VAY 0.98 49 iPg 01 09.60 0.0
THE 1.04 92 ePg 01 10.58 -0.1
eSg 01 25.50
KNT 1.10 63 ePg 01 12.02 0.3
eSg 01 26.94
SKO 1.30 355 iPn 01 19.50 4.4X
SOH 1.35 83 ePb 01 15.74 -0.1
eSb 01 34.14
AGG 1.75 161 ePb 01 21.38 -0.2
eSb 01 45.14
PAIG 1.76 114 ePb 01 22.02 0.3
OUR 1.85 100 ePb 01 24.18 1.1
S.D. = 0.5 on 11 of 12 obs.

SEP 21, 1992 00h 01m 27.45±1.37s
38.525 N ± 6.4km 6.783 W ± 14.9km
DEPTH = 10.0km (geophysicist)
SPAIN (377)

mbLg 3.5 (MDD). Felt (III) in
the Barcarrota area.

EVAL 0.94 178 iPg 01 44.80 -0.6
eSg 01 56.10
EHOR 1.40 120 ePn 01 53.40 0.4
eSn 02 14.20
EPLA 1.63 19 iPnc 01 56.49 0.2
eSn 02 20.30
EPRU 1.98 141 ePg 02 04.80 3.4X
eSg 02 30.20
ELUD 2.21 115 ePn 02 05.30 0.6
eSn 02 34.50
EJIF 2.32 153 ePn 02 06.70 0.4
eSn 02 34.40
EBAN 2.38 98 ePg 02 16.50 9.3X
eSg 02 46.80
TOL 2.52 57 ePn 02 17.00 7.9X
eSg 02 54.50
ECOG 2.83 115 ePg 02 23.50 9.8X
eSg 02 58.30
GUD 2.93 43 ePn 02 15.70 0.6
eSn 02 51.20
EGUA 3.06 122 ePg 02 26.00 9.2X
eSg 03 03.00
EVIA 3.36 87 ePg 02 20.10 -1.0
eSg 03 00.20
EHUE 3.38 101 ePg 02 27.00 5.6X
ETOR 4.31 56 ePg 02 33.90 -0.7
eSg 03 24.20
S.D. = 0.8 on 8 of 14 obs.

SEP 21, 1992 00h 36m 18.07±0.46s
38.365 N ± 54.5km 25.913 E ± 47.7km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)

IZM 1.06 88 iPg 36 37.60 -0.5
iSg 36 51.10
DST 2.45 59 ePn 36 59.90 1.1
EDC 2.49 37 ePn 36 59.00 -0.3
BNT 2.52 37 ePn 36 58.10 -1.7
ALN 2.53 2 eP 37 00.00 0.2
KCT 2.67 44 ePn 37 03.10 1.2
S.D. = 1.4 on 6 of 6 obs.

SEP 21, 1992 02h 06m 42.63±11.01s
19.014 N ± 92.3km 66.485 W ± 12.4km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

APR 0.61 203 P 06 55.20 0.5
LRS 0.79 206 P 06 57.00 -0.4
CLLP 0.93 185 P 06 59.50 0.1
SJO 0.95 160 P 06 59.60 -0.1
PORP 0.97 189 P 06 59.70 -0.2
CPD 1.11 151 P 07 02.00 0.1
MGP 1.15 210 P 07 02.50 0.0
S.D. = 0.3 on 7 of 7 obs.

SEP 21, 1992 02h 32m 05.18±0.46s
40.546 N ± 3.5km 22.494 E ± 4.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 1.9 (THE).

THE 0.37 76 ePg 32 12.78 0.0
eSg 32 18.28
GRG 0.42 350 ePg 32 13.54 -0.2
eSg 32 20.84
LIT 0.44 180 ePg 32 13.86 -0.4
eSg 32 20.04
KNT 0.69 26 ePg 32 18.66 -0.1
eSg 32 27.64
SOH 0.71 67 ePg 32 19.72 0.5
eSg 32 29.60
VAY 0.78 4 iPn 32 20.00 -0.3
FNA 0.88 286 ePg 32 22.48 0.3
eSg 32 36.12
SRS 1.01 55 ePg 32 24.22 -0.1
eSg 32 38.72
PAIG 1.10 124 ePg 32 25.52 -0.3
eSg 32 41.36
OUR 1.16 100 ePg 32 26.90 0.1
eSg 32 43.16
AGG 1.53 185 ePb 32 32.84 0.3
S.D. = 0.3 on 11 of 11 obs.

SEP 21, 1992 03h 20m 22.06±1.84s
42.381 N ± 62.3km 76.906 E ± 89.1km
DEPTH = 33.0km (normal)
3.7mb (3 obs.)

LAKE ISSYK-KUL REGION (330)
Felt in the Lake Issyk-Kul area.

GKN 15.66 154 P 24 02.60 0.5
KKN 16.08 152 P 24 08.00 0.6
GUN 16.18 150 P 24 12.40 3.5X
DMN 16.18 153 P 24 08.60 -0.2
PKI 16.32 152 P 24 09.80 -0.9
HFS 41.53 318 eP 28 06.10 -1.4
0.4s 0.80nm 3.8mb
NB2 42.68 319 P 28 18.40 1.4
0.9s 2.00nm 3.8mb
GEC2 43.55 301 eP 28 24.30 0.1
0.6s 0.31nm 3.3mb
S.D. = 1.2 on 7 of 8 obs.

SEP 21, 1992 03h 44m 52.68±0.38s
40.448 N ± 5.1km 30.127 E ± 3.5km
DEPTH = 10.0km (geophysicist)
3.7mb (3 obs.)

TURKEY (366)
Felt at Bilecik and Adopazari.

GPA 0.21 139 iPg 44 56.30 -1.0
GYN 0.47 102 iP 45 00.50 -1.7
eS 45 07.00
GBZT 0.62 304 ePg 45 06.00 0.8
iSg 45 15.00
ISK 1.02 308 iPg 45 12.50 0.6
iSg 45 25.00
KCT 1.37 262 iPn 45 18.00 0.2
ALT 1.39 181 iPn 45 18.40 0.2
DST 1.43 234 iPn 45 19.20 0.5
SGKT 1.48 84 iP 45 20.00 0.5
eS 45 44.00
DVR 1.60 63 eP 45 21.00 -0.1
eS 45 43.20
BNT 1.69 268 iPn 45 23.50 1.1
EDC 1.73 267 iPn 45 24.00 1.0
8BTK 2.11 106 eP 45 29.70 1.2
eS 46 02.80
KHL 2.17 193 iPn 45 30.00 0.5
DMK 2.26 308 iPn 45 30.10 -0.5
IZM 3.02 228 iPn 45 40.10 -1.3
ALN 3.14 280 eP 45 42.80 -0.2
CTK 3.59 85 eP 45 50.00 0.4
ELL 3.70 183 ePn 45 53.00 1.8
SRS 5.01 280 eP 46 08.80 -0.8
VAY 5.79 281 eP 46 19.00 -1.7
GRG 5.89 277 eP 46 26.10 3.9X
MLR 5.90 330 eP 46 32.50 10.2X
VRI 5.96 336 ePc 46 24.50 1.4
AGG 6.18 259 eP 46 25.40 -0.8
SKO 6.73 286 ePn 46 18.00 -15.9X
SSF 20.28 298 eP 49 29.90 -1.1
0.7s 3.40nm 3.8mb
AVF 20.34 297 eP 49 30.80 -0.8
0.8s 2.95nm 3.7mb
MAF 20.80 295 eP 49 36.30 -0.2
0.9s 3.10nm 3.7mb
S.D. = 1.0 on 25 of 28 obs.

SEP 21, 1992 07h 35m 08.18s
36.099 N 117.401 W
DEPTH = 0.1km
CALIFORNIA-NEVADA BORDER REGION (40)
<PAS-P>. ML 3.4 (PAS), 3.2 (GS).

ISA 0.97 244 ePnc 35 26.55 -1.1
S 35 40.03
TPNV 1.26 47 ePn 35 31.10 -1.5
eS 35 46.84
SSK 1.90 187 ePn 35 39.42 -2.9
iLg 36 12.19
ABL 1.94 231 (Pn) 35 42.49 -0.4
Pg 35 44.09
Lg 36 12.22
TNP 1.98 4 ePn 35 41.49 -2.1
iLg 36 11.73
BONR 1.99 339 ePn 35 42.36 -1.3
Pg 35 45.89
Lg 36 14.15

21d 07h

PKEM	2.19	270	ePn	35	46.02	-0.4
			Lg	36	17.96	
PEC	2.21	175	ePn	35	45.08	-1.6
			Pg	35	48.92	
BCH	2.37	248	ePn	35	48.96	-0.1
			Lg	36	21.83	
PHAM	2.45	265	ePn	35	50.18	0.1
			eS	36	22.40	
			Lg	36	28.41	
PLM	2.77	171	ePn	35	53.27	-1.6
			Pg	35	59.36	
			iLg	36	36.57	
KVN	3.00	350	(Pn)	35	55.44	-2.6
			Pg	36	01.86	
			Lg	36	42.50	
CMB	3.07	310	(Pn)	35	59.31	0.4
			Pg	36	02.04	
			eS	36	32.83	
			Lg	36	42.77	
ARUT	3.59	61	ePn	36	04.38	-2.1
			Pg	36	14.41	
			Lg	37	02.50	
GLA	3.71	144	(Pn)	36	01.88	-6.1
			Pg	36	17.63	
			Lg	37	07.44	
MSU	4.81	58	(Pn)	36	24.48	0.6
			Pg	36	39.00	
			Lg	37	30.50	
DUG	5.46	40	(Pn)	36	30.75	-2.2
			Lg	37	54.74	
SRU	6.23	59	(Pn)	36	45.86	2.0
			Pg	37	05.26	
			Lg	38	23.49	
DAU	6.47	46	(Pn)	36	44.13	-3.3
			Pg	37	10.95	
HVU	6.72	31	Pg	37	13.42	22.7
20 obs. associated						

? SEP 21, 1992 07h 47m 31.63±5.15s
38.044 N ±43.4km 27.552 E ±17.7km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM	0.42	327	iPg	47	39.20	-1.0
			iSg	47	44.70	
EZN	2.02	332	ePn	48	07.00	0.9
ALT	2.25	62	ePn	48	09.00	-0.5
KCT	2.29	16	iPn	48	10.50	0.5
EDC	2.31	6	ePn	48	11.00	0.7
BNT	2.33	7	ePn	48	10.00	-0.6
S.D. = 1.0 on 6 of 6 obs.						

& SEP 21, 1992 07h 58m 13.98s
61.641 N 150.953 W
DEPTH = 57.4km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.9 (AEIC), 3.2
(PMR). Felt (IV) at Skwentna.

SUA	0.20	150	iPd	58	23.66	0.2
			eS	58	31.60	
SKT	0.44	321	iPd	58	24.55	-0.7
			eS	58	33.37	
PWA	0.51	88	P	58	26.00	0.1
			S	58	34.90	
CGLM	0.61	237	iPd	58	26.79	-0.4
NCG	0.62	248	iPd	58	26.74	-0.6
			eS	58	37.29	
CRP	0.69	238	iPd	58	27.28	-0.9
			(S)	58	37.49	
SPU	0.70	229	iPd	58	27.76	-0.5
			eS	58	38.72	
CPKM	0.72	239	eP	58	28.54	-0.1
CKN	0.72	235	eP	58	28.27	-0.3
CKT	0.75	234	ePd	58	28.29	-0.6
			eS	58	39.64	
PMS	0.78	120	P	58	28.70	-0.5
BGL	0.79	242	eP	58	28.70	-0.7
CKL	0.80	237	iPc	58	28.83	-0.8
			S	58	41.13	
BKG	0.85	228	ePc	58	29.46	-0.7
			eS	58	42.05	
PLRM	0.87	92	iPc	58	29.39	-0.9
			eS	58	42.42	
GHO	0.98	81	ePc	58	31.28	-0.5
			S	58	45.19	
SLKM	1.19	162	ePd	58	33.67	-1.0

PTE	1.22	129	eP	58	34.02	-0.9
KNK	1.22	100	ePc	58	34.35	-0.7
			eS	58	50.80	
SML	1.26	81	iPc	58	34.64	-1.0
RDT	1.28	214	iPc	58	35.09	-0.9
			eS	58	52.58	
DFR	1.35	219	iPc	58	36.08	-0.9
MPA	1.39	145	eP	58	36.51	-0.9
RDN	1.43	219	ePc	58	37.24	-0.9
REF	1.43	217	ePc	58	37.72	-0.5
			eS	58	53.42	
NCT	1.45	222	ePc	58	37.52	-0.8
			eS	58	56.57	
RDW	1.47	219	iPc	58	38.05	-0.7
			eS	58	57.11	
RS2	1.47	217	iPc	58	38.05	-0.7
RSO	1.47	217	ePc	58	38.08	-0.7
RS1	1.47	217	iPc	58	38.10	-0.7
			eS	58	57.28	
HUR	1.48	24	ePc	58	38.32	-0.3
RED	1.51	217	iPc	58	38.44	-0.8
			eS	58	58.39	
SEW	1.71	154	eP	58	42.75	0.9
SCM	1.74	82	eP	58	41.06	-1.3
			eS	59	03.44	
TRF	1.84	9	ePc	58	43.12	-0.8
BRLK	1.88	179	eP	58	43.31	-1.0
KTH	1.92	0	eP	58	44.36	-0.5
GLI	2.02	111	eP	58	43.67	-2.5
HOM	2.02	190	eP	58	46.18	0.0
RND	2.02	28	eP	58	45.85	-0.5
KNIM	2.03	128	eP	58	43.44	-3.0
LTI	2.21	135	eP	58	46.21	-2.7
VLZ	2.28	101	eP	58	47.24	-2.6
			eS	59	15.28	
OPT	2.29	210	ePc	58	49.84	-0.2
MCK	2.30	23	eP	58	50.11	0.0
SVW	2.31	259	iPc	58	47.99	-2.4
TOA	2.31	76	P	58	49.50	-0.9
FID	2.34	110	eP	58	48.04	-2.7
KLU	2.41	91	eP	58	49.42	-2.4
PDB	2.45	222	eP	58	50.54	-1.7
HIN	2.50	118	eP	58	50.71	-2.3
AUL	2.58	210	eP	58	53.67	-0.4
AUP	2.59	209	eP	58	54.05	-0.3
AUH	2.60	209	eP	58	53.60	-0.8
AUW	2.60	210	eP	58	53.92	-0.4
TZL	2.65	79	eP	58	54.13	-1.0
TTA	2.69	301	eP	58	53.36	-2.4
SDG	2.70	68	eP	58	55.02	-0.8
PAX	2.89	60	eP	58	57.54	-1.1
SGAM	3.02	110	eP	58	58.90	-1.5
CDD	3.03	207	eP	58	59.09	-1.5
NEA	3.07	15	eP	58	59.09	-2.0
SYI	3.13	194	eP	59	00.53	-1.3
WRH	3.13	23	eP	58	59.93	-1.9
HDA	3.32	32	eP	59	02.84	-1.8
CCB	3.34	24	eP	59	03.28	-1.6
DJE	3.40	43	P	59	08.60	2.8
GLB	3.43	90	eP	59	04.79	-1.4
HMT	3.51	109	eP	59	06.13	-1.2
FBA	3.57	22	eP	59	06.03	-2.1
GLM	3.72	24	eP	59	08.86	-1.5
WAX	4.12	103	eP	59	13.45	-2.4
BALM	4.19	95	eP	59	14.30	-2.7
IMA	4.61	346	eP	59	21.20	-1.6
74 obs. associated						

* SEP 21, 1992 08h 07m 35.26±1.14s
40.474 N ±10.5km 21.921 E ±8.1km
DEPTH = 10.0km (geophysicist)

GREECE (364)

FNA	0.52	307	eP	07	45.20	-0.6
			eS	07	55.00	
LIT	0.57	130	eP	07	46.80	-0.1
GRG	0.60	37	eP	07	48.50	1.0
VAY	0.98	30	ePn	07	52.80	-1.0
OHR	1.06	307	ePn	07	56.00	0.7
AGG	1.48	168	eP	08	05.20	3.2X
SKO	1.54	347	ePn	08	10.50	7.7X
S.D. = 1.2 on 5 of 7 obs.						

* SEP 21, 1992 09h 14m 56.09±2.64s
44.735 N ±9.9km 6.731 E ±20.3km
DEPTH = 10.0km (geophysicist)

FRANCE (538)

RRL	0.19	12	P	15	00.06	-0.4
			S	15	03.34	
PZZ	0.35	131	P	15	03.34	0.0
			S	15	08.98	
BHB	0.39	74	P	15	03.86	-0.3
			S	15	09.80	
RSP	0.56	42	P	15	07.65	0.1
			S	15	15.34	
LSD	0.78	22	P	15	11.65	0.1
			S	15	21.60	

S.D. = 0.3 on 5 of 5 obs.

? SEP 21, 1992 09h 22m 26.77±2.62s
14.030 N ±32.3km 91.070 W ±16.3km
DEPTH = 33.0km (normal)
4.5mb (3 obs.)

GUATEMALA (70)

SCX	3.08	331	iP	23	14.30	0.0
			iS	23	51.30	
OXX	6.24	300	(P)	24	02.20	3.0X
IISM	7.80	310	(P)	24	20.00	-0.9
IIT	8.53	307	(P)	24	40.00	8.7X
PWLA	21.04	7	eP	27	11.39	1.2
PRM	21.47	20	eP	27	12.15	-2.4
VVO	21.63	350	eP	27	17.40	1.2
FNO	21.89	346	iPd	27	19.00	0.2
FKO	21.89	346	iPd	27	20.10	1.3
JSC	22.03	22	eP	27	20.96	0.8
TUL	22.20	350	eP	27	23.00	1.2
	0.7s	22.60nm			4.7mb	
Z	20s	0.11um			3.3msz	
			LR	34	37.00	
GBTN	22.41	15	eP	27	23.11	-0.8
ELC	23.22	4	eP	27	30.65	-1.2
YKA	51.21	346	eP	31	28.00	-0.9
	0.8s	4.30nm			4.5mb	
MBC	64.00	353	eP	32	58.00	-0.8
GEC2	89.00	40	ePKP	35	20.90	1.1
	1.1s	1.67nm			4.3mb	
S.D. = 1.3 on 14 of 16 obs.						

SEP 21, 1992 10h 18m 49.33±0.21s
7.816 S ±4.2km 13.585 W ±4.3km
DEPTH = 10.0km (geophysicist)
5.8mb (99 obs.) 5.4msz (44 obs.)

ASCENSION ISLAND REGION (408)

Mo=1.0*10**18 Nm (PPT). Felt on

Ascension Island.

FAULT PLANE SOLUTION: P-Waves

NP1:Strike=331 Dip=75 Slip=-17

NP2: 66 74 -164

Principal Axes:

T P1g=1 Azm=18

P 23 288

Comment: The focal mechanism is

poorly controlled and

corresponds to strike-slip

faulting with a moderate

normal component. The

preferred fault plane is not

determined.

MOMENT TENSOR SOLUTION

Dep 29 No. of sta: 5

Moment Tensor; Scale 10**17

21d 10h

T Val= 2.70 P1g=68 Azm=208				EZAM	49.92	5 eP	27 46.75	1.5	TGF	55.68	13 eP	28 27.60	-0.5
N 0.39 20 9				EROQ	50.08	14 eP	27 49.50	3.0X		1.6s	214.55nm		5.9mb
P -3.09 6 102				EBR	50.10	14 eP	27 48.00	1.4	BHB	55.68	18 P	28 26.90	-1.2
Best Double Couple: Mo=2.9*10**17				ERUA	50.31	6 eP	27 51.07	2.9X	AOU	55.68	24 P	28 29.60	1.4
NP1: Strike=213 Dip=43 Slip= 121				NAI	50.61	85 ePc	27 52.00	0.8	BNI	55.69	17 P	28 29.00	0.6
NP2: 354 55 65				Z	20s	6.38um		5.6Msz	MAF	55.70	14 eP	28 27.90	-0.3
							29 52.00			1.7s	155.15nm		5.8mb
LIC	16.35	32 P	22 40.84 0.2				35 16.00		VLS	55.74	32 eP	28 28.20	-0.4
	1.3s	250.00nm	5.2mb				38 06.00		PII	55.76	21 P	28 31.50	2.9
KIC	16.62	32 P	22 42.56 -1.5	STS	50.67	5 eP	27 53.95	3.1X	PCP	55.81	19 P	28 28.64	-0.4
	1.4s	247.00nm	5.2mb	ECRI	51.19	10 eP	27 58.85	3.9X	RSP	55.96	18 P	28 29.36	-0.9
TIC	16.71	31 P	22 44.56 -0.7	EGRA	51.23	13 eP	27 55.75	0.7	VLI	55.99	35 eP	28 30.50	0.1
	1.2s	148.50nm	5.0mb	EMON	51.32	6 eP	28 00.11	4.2X	ASS	55.99	23 P	28 30.90	0.5
				LVI	51.58	26 P	28 03.31	5.4X	FIR	56.07	22 eP	28 30.00	-0.8
KDS	20.30	4 iP	23 26.80 -1.4		1.9s	292.40nm		5.9mb	BGF	56.08	14 eP	28 30.20	-0.7
PDCR	25.56	257 eP	24 28.90 8.7X	LHE	51.85	12 P	28 00.75	0.8		1.5s	99.75nm		5.6mb
		e	24 31.90	YJA	51.89	248 e(P)	28 01.00	-0.1	RTLL	56.11	237 e(P)	28 29.00	-2.5
		e	24 44.90	ISSF	51.92	12 P	28 00.58	0.0	LPG	56.12	17 eP	28 31.40	-0.2
BMA	32.89	240 eP	25 26.40 0.4	BOH	51.95	12 P	28 01.93	1.2		1.5s	159.30nm		5.8mb
		e	25 29.80	PZI	51.99	29 P	28 02.79	1.7	BRT	56.13	28 P	28 31.31	0.0
WIN	32.95	120 iPc	25 26.50 -0.2		0.8s	19.10nm		5.1mb		1.4s	233.00nm		6.0mb
	1.7s	280.77nm	5.9mb	ATE	52.00	12 P	28 00.81	-0.2	CAR	56.13	288 iP	28 40.00	8.1X
Z	22s	19.09um	5.7MszX	ESCF	52.02	12 P	28 02.08	0.9		eS	36 36.00		
BCAO	34.28	70 iPc	25 38.00 -0.1	ELYF	52.02	12 P	28 01.27	0.1	LPL	56.13	17 eP	28 31.40	-0.2
	0.5s	25.00nm	5.4mb	MADF	52.03	12 P	28 02.08	0.8		1.6s	200.85nm		5.9mb
		ic	26 50.90	ETER	52.09	15 eP	28 07.23	5.6X	LSD	56.20	17 P	28 32.03	-0.1
		ic	28 05.10	OGE	52.12	12 P	28 01.37	-0.6	MME	56.23	21 P	28 32.47	0.1
BDF	34.45	254 Pc	25 39.00 -0.7	EPF	52.17	13 eP	28 02.30	0.0	RSL	56.26	17 P	28 31.72	-0.7
		e	25 43.40		1.7s	263.95nm		5.9mb	BOB	56.31	20 P	28 33.00	0.3
		e	25 49.50	MNO	52.61	28 P	28 09.55	3.7X	PGD	56.32	22 P	28 33.45	0.5
		e	26 00.10	ATN	53.15	29 P	28 13.35	3.7X	SMF	56.40	14 eP	28 32.40	-0.8
		e	26 07.30		1.5s	66.60nm		5.4mb		1.7s	161.00nm		5.8mb
		e	26 27.80	GMB	53.35	29 P	28 13.00	1.7	AVF	56.42	14 eP	28 32.60	-0.7
		e	27 03.00	SOI	53.36	29 P	28 17.80	6.6X		1.6s	116.90nm		5.7mb
		e	27 06.50	SOI	53.36	29 P	28 12.85	1.7	RTCB	56.42	237 iPc	28 32.00	-1.8
		e	30 42.50		1.8s	121.90nm		5.6mb	ARV	56.46	23 P	28 34.30	0.5
BAO	34.53	254 Pd	25 38.80 -1.6	CNCB	53.75	255 P	28 14.30	-0.8	KEK	56.48	31 eP	28 34.50	0.6
		e	25 44.20	LPB	53.85	255 P	28 15.00	-0.6	ORO	56.60	18 P	28 31.40	-3.5X
		e	26 01.00	Z	19s	5.56um		5.6Msz	IGT	56.62	31 e(P)	28 34.56	-0.3
		e	26 18.80				44 36.00		RSM	56.64	22 P	28 36.90	1.9
		e	26 30.10	ZOBO	53.87	256 P	28 14.30	-1.7	EMS	56.69	17 eP	28 35.40	-0.2
		e	26 33.90				35 54.00		LPF	56.70	10 eP	28 34.20	-1.1
		e	26 51.20				44 24.00			1.2s	72.90nm		5.6mb
		e	28 06.00	LPO	53.93	13 eP	28 14.60	-0.6	SSF	56.71	14 eP	28 34.60	-0.8
RSTA	37.77	240 (P)	26 22.00 14.5X		1.5s	136.85nm		5.8mb		1.5s	171.30nm		5.9mb
TIO	38.99	9 iP	26 19.00 1.1	LFF	54.07	13 eP	28 15.90	-0.4	LBF	56.75	14 eP	28 34.70	-1.1
AVE	41.30	8 iP	26 37.00 0.3		1.6s	182.85nm		5.9mb		1.6s	158.60nm		5.8mb
		i	26 48.00	LMR	54.08	18 eP	28 15.80	-0.6	MDZ	56.77	236 i(P)	28 36.40	0.1
IFR	41.88	11 iP	26 46.50 4.8X		1.6s	141.80nm		5.7mb	DIX	56.84	17 eP	28 36.30	-0.5
		i	26 54.00	GRI	54.13	29 P	28 17.78	1.0	MMK	56.98	18 eP	28 37.10	-0.6
LWI	42.56	85 iPc	26 47.90 0.3	LRG	54.15	18 eP	28 16.60	-0.2	LOR	56.99	14 eP	28 36.30	-1.2
BUL	42.61	111 eP	26 47.50 -0.4		1.6s	194.05nm		5.9mb		1.5s	99.75nm		5.6mb
BLF	42.96	125 eP	26 49.60 -1.0	Z	21s	1.48um		5.0Msz	Z	22s	0.43um		4.5Msz
	1.1s	40.54nm	5.1mb	CDR	54.17	17 ePc	28 17.30	0.2	TPE	57.03	30 eP	28 38.00	0.2
SLR	43.63	119 iPc	26 52.30 -3.8X	PGF	54.19	20 eP	28 16.70	-0.7	GRR	57.07	10 eP	28 37.00	-1.0
	1.1s	63.29nm	5.3mb		1.7s	145.55nm		5.7mb		1.5s	236.10nm		6.0mb
Z	20s	10.64um	5.7Msz	FRF	54.33	18 eP	28 17.60	-0.6	ARE	57.10	256 eP	28 38.00	-1.1
NKM	43.72	10 iP	26 58.00 1.6	CAF	54.36	14 eP	28 17.60	-0.9	HLW	57.15	47 eP	28 40.00	1.2
		i	27 00.00		1.6s	136.20nm		5.7mb		e	36 40.00		
		i	27 03.00	RJF	54.59	13 eP	28 19.20	-1.0	AGG	57.29	33 e(P)	28 39.48	-0.2
EJIF	44.69	9 eP	27 03.63 -0.6		1.6s	205.20nm		5.9mb	BERA	57.30	30 eP	28 40.30	0.6
MAL	45.14	10 iPd	27 12.00 4.2X	Z	19s	1.00um		4.9Msz	ATH	57.31	35 eP	28 39.30	-0.5
		iS	37 04.00	TDS	54.76	28 P	28 22.00	0.6	TMA	57.31	18 eP	28 38.40	-1.6
EPRU	45.23	9 iPd	27 09.10 0.5	AAE	54.78	73 P	28 24.40	2.0	LDF	57.40	11 eP	28 39.30	-1.0
EGUA	45.40	11 iPd	27 10.96 1.0	MGR	54.78	27 P	28 22.70	1.1		1.5s	136.30nm		5.8mb
EVAL	45.61	8 iPd	27 11.62 0.0	SBF	54.85	19 eP	28 21.50	-0.7	SAL	57.41	20 P	28 40.50	0.1
ENIJ	45.81	13 eP	27 14.76 1.6		1.4s	122.00nm		5.7mb	FLN	57.50	10 eP	28 39.70	-1.3
ECOG	45.83	11 iPc	27 13.92 0.5	MAO	54.86	22 P	28 21.70	-0.5		1.5s	86.70nm		5.6mb
ELUO	45.97	10 eP	27 14.89 0.4	SGO	55.01	27 P	28 16.20	-7.0X	Z	21s	0.85um		4.8Msz
EHOR	46.06	9 eP	27 15.44 0.3	IMI	55.04	19 P	28 22.70	-0.8	TIR	57.75	29 eP	28 44.50	1.6
LIS	46.48	5 iPc	27 21.80 3.4X	RFI	55.04	25 P	28 25.53	2.1	LOMF	57.83	16 P	28 42.24	-1.2
EHUE	46.54	12 eP	27 19.52 0.5		1.9s	376.50nm		6.1mb	VDL	57.84	19 eP	28 42.60	-1.1
EBAN	46.65	11 eP	27 21.73 1.9	STV	55.16	18 P	28 24.44	0.0	TLL	57.85	239 eP	28 43.50	-0.7
EALH	46.83	13 eP	27 24.03 2.8X	ENR	55.17	18 P	28 24.23	-0.3	LACI	57.90	29 eP	28 43.20	-0.6
ABA	47.04	18 iP	27 26.00 3.1X	COLF	55.31	15 P	28 25.57	0.1	KZN	57.93	31 eP	28 44.20	0.0
EVIA	47.35	12 eP	27 27.15 1.7	PZZ	55.33	18 P	28 25.87	0.2	ULC	57.93	29 iPc	28 46.29	2.1
ACU	47.69	14 eP	27 30.43 2.3	ROB	55.37	19 P	28 25.98	0.0	HCV	57.96	28 iPc	28 44.95	0.7
EPLA	48.14	8 iPd	27 33.33 1.8	AZI	55.39	24 P	28 28.00	2.0	BDV	57.98	28 iPc	28 45.88	1.4
TOL	48.27	10 eP	27 34.00 1.5	FIN	55.41	19 P	28 25.46	-0.7	LLS	58.03	18 eP	28 43.70	-1.3
		ePcP	29 04.00	MFF	55.48	11 eP	28 25.70	-0.9	OHR	58.04	30 iP	28 44.70	-0.2
		eS	34 40.00		1.6s	153.60nm		5.8mb	FNA	58.08	31 e(P)	28 44.92	-0.3
ECHE	48.59	13 iPc	27 38.28 3.2X	LSF	55.49	13 eP	28 26.00	-0.7	SDA	58.12	29 eP	28 46.00	0.6
GUD	48.99	10 iPd	27 41.67 3.4X		1.5s	239.20nm		6.0mb	BBS	58.13	17 P	28 43.94	-1.5
ETOR	49.54	11 eP	27 42.98 0.5	DUI	55.54	25 P	28 29.20	2.0	LIT	58.16	32 e(P)	28 45.00	-0.7
				RRL	55.61	17 P	28 27.72	-0.1	OSS	58.23	19 eP	28 45.30	-1.1
				CKI	55.62	19 P	28 27.90	0.2	BSF	58.26	16 eP	28 44.90	-1.6
										1.3s	59.95nm		5.5mb

PHP	58.29	30 eP	28 45.80	-0.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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21d 10h

N 17s	0.50um	—	SVE	87.97	32 iPd	31 42.50	1.9	EAST OF KURIL ISLANDS	(222)
E 17s	1.60um			1.2s	300.00nm		6.5mb		
	eS	40 16.50	Z 19s	0.60um			5.0msz	KUSJ	4.03 256 eP 39 58.70 -1.8
	e	40 40.00	N 19s	0.20um				eS	40 39.90
	ePS	40 52.00	E 19s	0.50um				eP	40 19.10 1.2
HBF	75.21 307 (P)	30 35.06 0.8		eS	42 28.00			eS	41 14.30
CEH	75.24 310 eP	30 35.48 1.1		ePS	43 24.00			eP	40 19.40 0.6
	1.1s	82.26nm		eSS	48 11.00			eP	40 38.40 -0.9
Z	20s	1.61um	VVO	88.12 306 eP	31 42.90 1.1			eS	41 49.90
OBN	75.28 27 ePd	30 33.00 -1.2		e	31 46.70			eP	40 57.50 -0.4
	1.6s	120.00nm	TUL	88.27 306 eP	31 43.60 1.1			eS	42 19.60
Z	17s	0.90um		1.0s	28.30nm		5.5mb	YAK	21.42 333 eP 43 50.00 3.7X
N 19s	0.50um	5.1mszX	Z 18s	1.07um			5.3msz		0.9s 36.00nm 4.8mb
E 17s	0.60um			e	31 47.20			Z 22s	0.60um 3.9msz
	i	30 53.00		S	31 54.80			N 20s	0.50um
	e	33 26.00		LR	00 07.40			GUN	53.06 275 P 48 16.60 0.4
	ePPP	35 12.00	FKO	89.43 306 iPd	31 49.70 1.6			KKN	53.56 275 P 48 20.40 0.7
	iS	40 14.00	POO	90.03 71 eP	31 58.50 7.3X				0.7s 18.00nm 5.2mb
	e	40 44.00	ULM	91.05 320 eP	31 59.00 3.8X			PKI	53.60 275 P 48 20.20 0.1
SGS	75.40 307 eP	30 36.12 0.8	FCC	91.72 329 eP	32 07.50 9.4X			DMN	53.79 275 P 48 22.10 0.7
RSNY	75.54 320 eP	30 36.09 0.1	GBA	92.79 77 P	32 05.00 1.1			GKN	53.90 276 P 48 22.50 0.5
	0.9s	45.92nm	HYB	94.33 73 eP	32 11.50 0.5			NB2	69.88 340 P 50 07.80 -0.9
Z	20s	1.95um	RSSD	95.70 314 (P)	32 19.52 2.5				0.7s 2.30nm 4.4mb
PUL	75.83 21 (P)	30 39.00 1.8		1.3s	10.95nm		5.2mb	HFS	70.03 338 eP 50 07.80 -1.7
	1.0s	200.00nm		Z 21s	2.84um		5.7msz		0.5s 1.40nm 4.3mb
Z	18s	0.90um	GLD	96.19 309 eP	32 21.00 1.6			GEC2	79.73 332 ePd 51 06.70 1.3
N 18s	0.30um	5.1msz		1.5s	62.50nm		5.9mb		0.6s 0.95nm 3.9mb
E 18s	0.70um			Z 22s	2.78um		5.7msz		e 51 23.00
	e	30 46.00	GOL	96.30 309 eP	32 21.00 1.0			S.D. = 1.1	on 13 of 14 obs.
	eS	40 20.00		1.1s	20.88nm		5.6mb	& SEP 21, 1992 12h 05m 47.59s	
	e	40 48.00		Z 21s	3.53um		5.8msz	37.634 N 118.074 W	
	e	41 00.00	ALO	96.77 304 P	32 30.00 7.9X			DEPTH = 4.5km	
LHS	76.07 308 eP	30 40.38 1.3	TUC	100.20 301 Pd iff	32 50.00 12.4X			CALIFORNIA-NEVADA BORDER REGION (40)	
MOS	76.13 27 eP	30 39.00 0.0		Z 19s	1.81um		5.6msz	<GM-P>. MD 2.6 (GM). ML 2.5	
	2.0s	450.00nm	SES	100.73 320 ePd iff	32 41.00 1.6			(GS).	
Z	15s	1.20um	MBC	101.28 346 ePd iff	32 46.50 5.3X			BONR	0.37 331 iPc 05 55.56 0.5
	e	30 58.00		1.5s	10.00nm		5.2mb	TNP	0.81 56 ePd 06 03.35 -0.6
	e	40 21.00	TPNV	104.77 306 Pd iff	33 10.00 12.1X			KVN	1.41 359 (P) 06 14.15 -0.1
	e	40 56.00		Z 22s	2.97um		5.8msz		eS 06 34.04
KAF	76.22 18 iP	30 38.70 -0.7	NEW	104.80 318 ePd iff	33 00.00 2.4			TPNV	1.61 115 ePn 06 17.16 0.2
	1.5s	161.60nm		1.1s	7.41nm		5.5mb		ePg 06 18.40
JSC	76.35 308 eP	30 41.81 1.1		Z 22s	3.95um		5.9msz		eS 06 40.75
BLA	76.71 311 eP	30 43.57 0.8	ISA	106.60 305 PKP	37 30.00 13.1X			CMB	1.87 283 ePn 06 20.79 0.1
	1.3s	93.93nm		Z 20s	0.91um		5.3msz	PHAM	2.59 227 (P) 06 35.51 4.6
NAV	77.03 311 eP	30 45.61 1.1	CMB	108.00 307 PKP	37 30.00 10.6X			ABL	2.93 199 (P) 06 39.77 3.8
PRM	77.15 307 eP	30 46.42 1.2		Z 20s	1.14um		5.4msz	ORV	3.30 307 ePg 06 47.64 6.6
MCWV	77.17 314 P	31 00.00 14.8X	WDC	109.43 310 PKP	37 30.00 8.0X			ARUT	3.68 86 (Pn) 06 51.09 4.5
	Z 20s	3.15um		Z 19s	1.76um		5.7msz		ePg 06 57.09
MAW	77.66 158 iPc	30 47.20 -0.1	SIT	113.45 330 PKP	37 40.00 11.0X			MSU	4.74 78 (P) 07 16.05 14.4
	1.0s	30.00nm		Z 19s	1.84um		5.7msz		10 obs. associated
WLVO	77.80 318 P	30 52.94 4.4X	SNG	114.82 86 ePKP	37 41.40 8.4X			SEP 21, 1992 12h 08m 38.43 ± 0.35s	
TYNO	78.47 317 P	30 56.78 4.6X	BOD	116.02 28 ePKP	37 33.80 -0.2			55.737 N ± 9.5km 161.133 E ± 7.6km	
ACTO	78.79 317 P	30 58.07 4.1X	PMR	117.19 338 PKP	37 50.00 13.9X			DEPTH = 125.7km (4 depth phases)	
GBTN	79.09 309 eP	30 55.82 0.0		Z 19s	1.57um		5.6msz	4.3mb (14 obs.)	
EEO	79.32 320 eP	30 59.50 2.7X	OTO	120.34 47 ePKP	37 42.00 -0.9			NEAR EAST COAST OF KAMCHATKA (218)	
ELF	79.49 316 P	30 59.25 1.5		N 16s	0.52um			KUSJ	16.50 227 eP 12 18.90 -4.6X
DLA	79.54 316 P	30 57.40 -0.7		E 16s	0.63um			ASAJ	16.58 233 P 12 28.10 3.6X
JAO	80.45 328 ePd	31 02.60 -0.1	BJI	124.96 46 ePKP	37 50.50 -1.1			YAK	17.28 304 iPd 12 35.30 2.3
ASH	80.78 50 eP	31 06.00 1.2		Z 24s	0.64um		5.2mszX		0.8s 57.00nm 4.9mb
	1.5s	140.00nm	SNY	129.26 41 ePKP	38 00.40 0.6			HOOJ	17.68 228 eP 12 35.80 -2.1
	e	41 20.00	MDJ	131.38 35 ePKP	38 05.00 1.2			OFUJ	21.12 226 eP 13 14.80 0.6
MAIO	81.18 51 eP	31 07.00 -0.1	SMY	134.78 353 PKP	38 20.00 10.0X			TTA	22.63 54 iPd 13 28.99 0.0
	1.1s	20.61nm		Z 20s	2.60um		5.9msz		0.6s 4.30nm 4.0mb
	eS	41 24.00	ASPA	135.41 135 ePKP	38 12.20 0.0			IMA	23.72 46 iPd 13 38.99 -0.5
PWLA	81.92 307 eP	31 10.99 0.2		Z 22s	1.60um		5.7msz		0.7s 8.45nm 4.3mb
APA	82.23 16 iPd	31 12.30 0.6	RMO	141.83 154 ePKP	38 26.30 2.4			NIIJ	23.79 228 P 13 40.60 0.4
SPA	82.24 180 iPd	31 12.50 0.4		1.3s	63.00nm			MAT	24.71 229 iPc 13 49.10 0.0
	1.4s	127.45nm	BRS	142.59 160 e(PKP)	38 33.50 8.3X				0.9s 30.25nm 4.8mb
	Z 20s	0.99um		e	40 13.00			CHJJ	24.81 227 P 13 50.20 0.3
	e	00 05.70	HON	143.14 295 PKP	38 40.00 13.8X			MTMJ	24.85 229 P 13 50.80 0.4
ELC	83.43 309 eP	31 17.53 -1.0		Z 20s	0.95um		5.5msz	FBA	26.17 49 eP 14 02.10 -0.1
DAG	84.50 359 eP	31 24.40 1.3	CTA	145.90 145 iPKP	38 30.50 -0.5			KLU	27.49 56 (P) 14 12.65 -1.7
	1.5s	200.00nm		1.5s	125.00nm			MBC	34.37 25 eP 15 14.50 0.1
FVM	84.52 309 eP	31 23.15 -0.9		i	38 47.00			YKA	40.83 45 eP 16 08.20 -0.2
	1.0s	73.20nm		e	39 07.00				0.7s 2.20nm 4.0mb
Z	20s	7.36um	DZM	150.30 180 iPKPd	38 43.40 5.5X			RMW	46.24 66 eP 16 52.26 0.0
SLM	84.54 310 P	31 30.00 5.9X		S.D. = 1.1	on 308 of 362 obs.			NEW	48.10 63 eP 17 05.80 -1.0
	Z 19s	2.42um		SEP 21, 1992 10h 38m 59.51 ± 1.88s					0.8s 5.83nm 4.4mb
OLY	84.75 307 eP	31 24.69 -0.6		44.234 N ± 26.0km 150.044 E ± 23.7km				ORV	51.78 74 eP 17 35.00 0.1
JFWS	85.63 314 eP	31 28.09 -0.6		DEPTH = 33.0km (normol)				TNP	55.16 72 iPd 18 00.70 0.8
	1.3s	121.70nm		4.5mb (5 obs.) 3.9msz (1 obs.)				BW06	0.9s 7.81nm 4.6mb
Z	22s	4.14um							55.73 63 ePd 18 03.50 -0.6
ARU	06.77 32 eP	31 36.00 1.2							
	2.0s	120.00nm							
	e	35 01.00							
	eS	42 18.00							
	e	43 10.00							

0.5s	1.61nm	-	4.2mb	COOL	60.27	152	eP	27	26.50	-1.0	-	-	Sg	37	29.08							
CHG	59.05	258	eP	18	34.09	129km		VAY	60.68	305	eP	27	42.00	11.8X	AURF	0.89	317	Pg	37	19.70	0.7	
PV10	59.26	66	eP	18	30.00	1.2		ASPA	61.27	137	eP	27	34.50	0.0				Sg	37	30.30		
			(pP)	18	59.70	123km		SKO	61.44	306	eP	27	46.50	11.0X	AUTN	0.92	325	Pg	37	20.21	0.4	
GLA	60.20	74	eP	18	36.00	1.0		OHR	62.03	305	eP	27	52.00	12.5X	PGF	0.93	138	Pg	37	21.00	1.2	
NB2	61.17	344	P	18	40.00	-1.3		UPP	62.83	327	iP	27	56.50	12.2X				Sg	37	32.10		
HFS	61.62	342	eP	18	42.70	-1.5		KSP	64.04	317	iPc	28	05.60	13.1X	TOUF	1.02	320	Pg	37	21.87	0.5	
	0.8s	3.80nm									e	29	31.00		FRF	1.15	287	Pg	37	24.00	0.5	
ALO	63.21	67	ePd	18	57.79	2.4		HFS	64.79	327	eP	27	56.70	-0.5				Sg	37	37.70		
	0.8s	2.52nm							0.7s	6.30nm			4.8mb	CKI	1.19	4	P		eSn	37	24.00	-0.1
			epP	19	27.79	123km		PRU	65.25	316	Pc	28	13.90	13.5X	LMR	1.21	275	Pg	37	25.10	0.6	
			esP	19	46.29			BRG	65.52	317	iP	28	14.80	12.7X				Sg	37	39.40		
GEC2	72.29	338	ePd	19	51.50	0.0		NB2	65.95	328	P	28	04.20	-0.5	LRG	1.33	280	Pg	37	27.10	0.6	
	0.8s	1.14nm							0.7s	2.50nm			4.4mb					Sg	37	43.10		
			e	20	01.40			GEC2	65.95	315	e(P)	28	17.00	12.0X	DOI	1.42	333	P	37	28.30	0.3	
GBA	75.34	273	P	20	09.00	-0.4			0.8s	7.70nm					BOB	1.79	31	P	37	45.10		
WB2	78.73	206	iPc	20	27.60	-0.4		KHC	65.99	315	eP	28	18.20	13.0X				eSg	37	33.40	0.2	
	0.7s	4.10nm							1.2s	6.00nm					CDR	1.80	285	iPgc	37	33.70	0.5	
ASPA	82.42	205	iPc	20	47.70	0.3					e	29	08.20					eSn	37	56.00		
	0.9s	6.50nm						CLL	66.05	317	iPd	28	17.90	12.5X				iSg	37	47.10		
S.D. = 1.1 on 28 of 30 obs.									1.2s	10.00nm								e	37	51.70		
SEP 21, 1992 12h 17m 19.83 ± 1.01s								TRI	66.41	311	eP	28	20.00	12.2X				i	37	54.50		
23.388 N ± 5.7km 93.149 E ± 6.4km								GRF	67.42	316	iPc	28	28.10	13.8X	BNI	2.10	330	P	37	37.50	-0.3	
DEPTH = 32.9 ± 8.1 km								CDF	70.22	315	eP	28	44.20	12.5X				eSn	38	05.50		
4.8mb (15 obs.)									1.1s	13.45nm					MAO	2.35	109	P	37	40.30	-1.0	
MYANMAR-INDIA BORDER REGION (294)								PGF	70.42	309	eP	28	45.50	12.5X	LPG	2.47	336	Pn	37	44.60	1.4	
SHL	2.46	332	iPn	17	59.90	1.3			1.1s	16.10nm								Sn	38	12.20		
			eSn	18	25.50			WLF	70.65	317	Pc	28	49.00	14.9X	LPL	2.49	336	Pn	37	44.60	1.1	
CHG	7.07	129	ePn	19	05.80	2.1		BSF	70.67	315	eP	28	46.90	12.5X	CAF	4.70	293	Pn	38	13.80	-0.9	
			eSg	21	02.00			S8F	71.20	310	eP	28	50.20	12.5X				Sn	39	03.70		
GUN	7.95	306	P	19	16.32	-0.1			1.0s	13.80nm					HAU	4.93	346	Pn	38	16.30	-1.6	
	0.4s	368.00nm						LPG	71.27	312	eP	28	51.20	12.9X				Sn	39	11.10		
PKI	8.14	302	P	19	18.98	0.0			1.1s	14.40nm					BGF	5.02	313	Pn	38	18.40	-0.8	
	0.5s	394.00nm						LPL	71.27	312	eP	28	51.10	12.8X	SSF	5.04	321	Pn	38	18.20	-1.2	
BDT	8.22	137	eP	19	18.10	-1.6			1.0s	15.00nm					LOR	5.04	324	Pn	38	18.20	-1.2	
	0.5s	59.70nm						FRF	71.83	310	eP	28	54.00	12.6X				Sn	39	11.40		
KKN	8.35	303	P	19	21.18	-0.6			0.8s	11.30nm					RJF	5.20	296	Pn	38	19.10	-2.5X	
DMN	8.39	302	P	19	21.78	-0.7		LMR	71.99	310	eP	28	55.00	12.7X				Sn	39	16.90		
	0.4s	127.00nm						LBF	72.74	314	eP	28	59.10	12.4X	LPO	5.24	288	Pn	38	18.60	-3.6X	
KMI	8.92	77	Pc	19	33.00	3.3X			1.1s	11.50nm								Sn	39	16.50		
	1.4s	30.00nm						LOR	72.74	315	eP	28	59.20	12.5X	LFF	5.61	290	Pn	38	26.60	-0.8	
GKN	8.95	303	P	19	29.26	-0.7		SMF	72.92	314	eP	29	00.40	12.7X	EPF	5.73	271	Pn	38	27.80	-1.4	
	0.5s	623.00nm							1.1s	18.80nm								Sn	39	27.00		
NST	10.11	138	eP	19	49.00	3.2X		SSF	73.02	314	eP	29	01.10	12.8X								
NNT	12.43	149	eP	20	18.90	1.6			1.1s	21.50nm												
LZH	15.68	34	iPd	21	05.00	4.9X		RMO	73.14	129	eP	28	51.40	2.1								
	1.0s	72.00nm						AVF	73.20	314	eP	29	02.00	12.7X								
Z	10s	0.32um							1.2s	19.95nm												
GTA	16.95	18	P	21	29.00	12.9X		MAF	73.88	314	eP	29	06.60	13.3X								
XAN	17.41	49	P	21	20.00	-1.9			1.4s	26.55nm												
GBA	17.78	240	P	21	20.00	-6.5X		TCF	74.10	314	eP	29	07.90	13.3X	PLM	0.83	66	ePnc	41	09.54	-2.0	
			S	24	28.00				0.9s	14.40nm					PEC	1.01	30	iPd	41	12.87	-1.6	
POO	18.65	259	eP	21	52.50	15.2X		BCAO	74.14	268	iPc	29	08.00	12.6X				S	41	26.85		
IPM	20.19	157	ePd	21	54.90	0.3			0.8s	14.00nm					SSK	1.20	3	ePd	41	16.65	-1.1	
	0.9s	31.00nm						CAF	74.61	313	eP	29	10.90	13.3X				S	41	33.15		
TIY	21.84	45	eP	22	10.40	-1.0			1.1s	15.15nm					ABL	2.20	327	ePnc	41	31.05	-1.7	
BTO	22.27	36	eP	22	15.00	-0.7		RJF	74.86	313	eP	29	12.50	13.5X	GLA	2.47	88	ePn	41	34.16	-2.3	
	0.8s	25.00nm							1.1s	20.25nm					ISA	2.71	348	ePn	41	38.11	-1.8	
N	12s	0.32um						LDF	74.91	317	eP	29	12.00	12.8X	BCH	2.90	319	ePn	41	40.88	-1.7	
E	12s	0.28um							1.0s	19.00nm					PHAM	3.56	323	eP	41	50.74	-1.1	
HHC	23.29	37	eP	22	27.20	1.5		GRR	75.44	317	eP	29	15.20	13.0X	TPNV	4.12	17	ePn	41	58.67	-1.3	
	1.2s	33.00nm							1.2s	19.95nm								S	43	05.17		
BJI	25.56	44	eP	22	47.00	-0.3		LPF	75.67	316	eP	29	16.70	13.2X	BONR	4.95	355	ePn	42	11.01	-0.9	
CN2	33.43	45	eP	23	56.80	-0.8			0.9s	9.65nm					TNP	5.08	5	ePn	42	12.56	-1.0	
	0.8s	3.00nm						MBC	78.59	8	eP	29	20.50	1.2	ARUT	5.93	35	ePn	42	24.44	-1.1	
MAT	40.83	61	iPc	24	59.30	-0.8		SVW	79.43	27	eP	29	25.29	1.2								
	1.2s	18.75nm							0.8s	5.17nm												
SVE	40.91	333	ePd	25	02.00	1.6		FBA	80.41	22	eP	29	29.36	0.1								
			i	25	14.50				0.7s	1.56nm												
NANU	50.60	153	eP	26	18.00	0.3		PMR	81.82	25	eP	29	37.70	1.0								
MBL	51.35	148	eP	26	23.30	-0.1			0.6s	6.40nm												
	0.3s	9.00nm						KLU	83.12	24	eP	29	44.60	1.0								
MOS	51.71	324	eP	26	38.00	12.2X		BALM	84.75	24	(P)	29	54.79	2.9X								
OBN	52.11	323	iPc	26	41.00	12.2X																
	1.3s	57.00nm																				
KNA	52.21	135	eP	26	29.20	-0.8																
PUL	56.44	327	(P)	27	13.00	12.5X																
MRWA	56.74	156	eP	27	02.50	-0.4																
WB2	58.90	134	iPc	27	17.80	-0.5																
	0.2s	16.70nm																				
WARB	58.98	145	eP	27	18.50	-0.2																
MUN	59.31	157	eP	27	20.00	-0.8																
KLB	59.53	156	eP	27	21.00	-1.4																

MGD	9.09	306	ePn	09 06.00	-1.2	Sg	04 38.70		AGG	2.30	136	ePn	00 51.04	1.5		
ILT	14.29	24	eP	10 26.00	8.9X	OGA	1.85 128	ePn	04 11.50	0.3		eSn	01 21.36			
YAK	19.46	304	eP	11 20.30	-1.6X	TMA	1.93 181	ePd	04 12.80	0.5	SOH	2.35	86	ePn	00 51.16	1.0
	2.2s	64.00nm		4.5mb		VITF	1.96 276	Pn	04 12.51	-0.1	VLS	2.53	174	ePb	00 55.70	3.0X
TTA	20.62	54	eP	11 40.20	6.0X	ABH	2.05 335	ePg	04 19.08	5.2X	SRS	2.55	79	ePn	00 53.52	0.4
IMA	21.96	45	eP	11 47.52	-0.2	MMK	2.09 198	ePc	04 14.80	0.3		eSn	01 26.36			
	1.0s	3.77nm		3.8mb		SCE	2.15 117	ePn	04 16.30	1.0	PAIG	2.72	105	ePn	00 55.40	0.0
REF	22.27	60	eP	11 51.17	0.3	GRF	2.26 42	e(Pn)	04 20.70	4.0X		eSn	01 29.12			
TIK	22.31	330	eP	11 53.00	2.1		e	04 23.40			OUR	2.85	96	ePn	00 57.96	0.7
FBA	24.31	49	eP	12 11.29	0.7	LPL	2.93 211	Pn	04 26.10	-0.3		S.D. = 1.1	on 23 of 24 obs.			
	0.8s	3.07nm		3.9mb			Pg	04 37.00								
MAT	26.67	236	(P)	12 35.00	2.0	LPG	2.94 211	Pn	04 26.40	-0.2						
	0.7s	4.79nm		4.2mb			Pg	04 38.20								
ZAK	36.76	289	eP	14 02.00	0.8		Sg	05 17.50								
	1.0s	6.00nm		4.4mb		HOF	3.00 39	ePn	04 37.60	10.3X						
LZH	45.57	271	eP	15 24.00	10.1X	FVI	3.01 117	P	04 27.00	-0.3						
	1.5s	19.00nm					eSn	05 12.50								
BW06	53.47	66	eP	16 14.00	-0.6	MOX	3.16 33	ePg	04 42.00	12.5X						
	1.2s	7.99nm		4.6mb			eSg	05 19.50								
	e			16 21.29			Pn	04 30.00	-1.4							
TPNV	54.08	75	eP	16 22.09	3.1X	KHC	3.29 69	Pn	04 34.90							
	0.6s	5.58nm		4.8mb			e	05 05.90								
	e			16 26.60			Sn	05 22.90								
ARUT	55.00	73	eP	16 25.61	-0.2	LOR	3.49 259	Pn	04 33.20	-1.1						
	e			16 33.14			Sg	05 34.20								
MSU	55.16	71	eP	16 27.20	0.2	LBF	3.50 254	Pn	04 34.10	-0.3						
	e			16 34.28			Sg	05 33.90								
RSSD	55.31	61	(P)	16 35.11	7.1X	SMF	3.71 250	Pn	04 36.20	-1.1						
SRU	55.60	70	eP	16 30.00	-0.1		Sn	05 16.60								
	e			16 37.26			Sg	05 39.80								
PEC	55.82	79	(P)	16 30.96	-0.6	SSF	3.78 257	Pn	04 37.90	-0.4						
	e			16 37.56			Sg	05 42.00								
PV10	56.93	69	eP	16 41.00	1.2	AVF	3.97 254	Pn	04 40.50	-0.5						
KAF	58.36	339	iP	16 54.80	5.7X		Sg	05 48.90								
	0.5s	3.90nm		4.7mb		PRU	4.19 60	ePg	04 59.00	14.8X						
NUR	60.15	339	eP	17 06.20	4.7X		Sg	05 50.50								
	0.6s	6.90nm		5.0mb		BGF	4.38 253	Pn	04 45.80	-1.0						
GUN	61.80	279	P	17 13.52	0.0		Sg	05 59.40								
NB2	61.93	346	P	17 18.40	4.7X	MAF	4.69 250	Pn	04 49.40	-1.8						
	0.6s	1.90nm		4.4mb			Sn	04 51.60								
KKN	62.22	279	P	17 15.86	-0.4		Sg	06 11.20								
PKI	62.32	279	P	17 16.30	-0.7	TCF	4.89 252	Pn	04 52.60	-1.5						
GKN	62.42	280	P	17 16.30	-1.2		Sg	06 16.60								
HFS	62.45	345	ePKP	17 21.70	4.7X	FLN	6.29 280	Pn	05 13.20	-0.6						
	0.4s	1.80nm		4.6mb			Sg	07 02.00								
DMN	62.46	279	P	17 17.58	-0.3	MFF	6.32 260	Pn	05 13.00	-1.2						
FVM	66.61	57	(P)	17 42.74	-1.6	GRR	6.53 277	Pn	05 16.80	-0.4						
	0.5s	14.19nm		5.3mb		LPF	6.67 274	Pn	05 16.20	-2.9X						
OJC	70.75	338	eP	18 17.20	7.5X		S.D. = 0.9	on 36 of 43 obs.								
GEC2	73.28	341	eP	18 32.10	7.2X		SEP 21, 1992 18h 00m 10.94± 0.40s									
	0.6s	1.67nm		4.2mb			40.694 N ± 3.9km 20.270 E ± 3.8km									
	e			18 36.50			DEPTH = 10.0km (geophysicist)									
ASPA	83.49	209	iPd	19 28.00	7.2X		GREECE-ALBANIA BORDER REGION (392)									
	1.1s	6.20nm		4.7mb			ML 2.9 (TIR).									
	S.D. = 1.0	on 21 of 35 obs.														
	SEP 21, 1992 17h 03m 40.95± 0.38s					BERA	0.24 272	ePg	00 15.60	-0.5	GRF	73.73	325	iPc	40 26.30	0.3
	48.035 N ± 4.5km 8.903 E ± 3.0km						iSg	00 21.20				1.0s	15.00nm		5.0mb	
	DEPTH = 33.0km (normal)					TPE	0.44 206	iPg	00 19.00	-1.0	NUR	73.96	339	eP	40 26.40	-0.7
	GERMANY (543)						iSg	00 26.60				0.9s	7.10nm		4.7mb	
	ML 3.3 (LDG), 3.2 (STR), 2.9					OHR	0.58 44	iPg	00 21.70	-1.0	KIC	74.07	278	P	40 29.60	1.0
	(GRF).						iSg	00 31.00			KAF	74.54	341	iP	40 29.90	-0.5
							Lg	00 32.30				0.8s	12.10nm		5.0mb	
SLE	0.39	226	iPc	03 50.40	0.5	VLO	0.63 249	ePg	00 23.60	0.0	LPG	74.54	320	eP	40 29.50	-1.7
FEL	0.62	255	ePg	03 54.62	1.2	TIR	0.72 335	ePg	00 23.50	-1.6		1.0s	6.60nm		4.6mb	
ZLA	0.65	212	iPc	03 54.40	0.6		iSg	00 38.20			LPL	74.56	320	eP	40 30.70	-0.5
LIBD	0.88	278	Pg	03 58.60	1.7	SRN	0.84 194	iPg	00 27.30	0.2		0.9s	3.60nm		4.4mb	
BBS	1.10	239	Pg	04 00.75	0.6		iSg	00 40.40			CDF	75.45	323	eP	40 35.90	-0.2
			Sg	04 18.75		FNA	0.85 84	ePg	00 25.40	-1.9		1.1s	9.50nm		4.8mb	
WLS	1.10	291	Pg	04 01.55	1.4		eSg	00 37.44			BSF	75.49	322	eP	40 35.80	-0.6
			Sg	04 19.54			ePg	00 31.10	1.2			1.0s	8.40nm		4.8mb	
CDF	1.15	290	Pg	04 02.19	1.3	PHP	1.00 7	ePg	00 32.00	1.6	UPP	76.20	336	iP	40 40.00	0.1
			Sg	04 20.79		LACI	1.03 336	ePn	00 30.10	-0.5		i			40 47.30	
LLS	1.17	177	ePd	04 01.60	0.4	KEK	1.04 200	ePn	00 46.20						40 44.60	0.4
ECH	1.18	279	Pg	04 04.04	2.8X		eSn	00 46.20			LBF	76.90	321	eP		4.8mb
			Sg	04 22.16		IGT	1.16 178	ePg	00 34.04	1.4		1.1s	9.30nm		40 45.50	0.3
MOF	1.20	262	Pn	04 02.55	0.9		eSg	00 50.16			LOR	77.09	321	eP		4.6mb
BSF	1.43	263	Pn	04 05.22	0.2	KZN	1.21 108	ePn	00 31.70	-1.8		0.9s	4.60nm		40 46.30	0.3
			Sg	04 29.93		SDA	1.48 337	ePn	00 37.70	0.2	SSF	77.23	321	eP		4.9mb
LOMF	1.56	245	Pn	04 06.93	0.1	SKO	1.55 34	iPn	00 38.30	-0.3		1.0s	10.40nm		40 48.10	0.8
			Sg	04 34.33			iSn	00 59.50			BGF	77.46	320	eP		4.9mb
TOD	1.57	358	ePg	04 07.35	0.4	GRG	1.64 80	ePb	00 40.05	0.1		0.9s	10.00nm		40 50.00	0.4
OSS	1.59	148	ePd	04 07.50	0.2		eSb	01 01.84			LPO	77.89	318	eP		5.1mb
FUR	1.60	84	eP	04 06.60	-0.6	LIT	1.80 109	ePb	00 42.30	0.1		1.1s	18.30nm		40 49.70	-0.1
VDL	1.60	166	iP	04 07.80	0.4		eSb	01 06.20			HFS	77.97	335	eP		5.2mb
HAU	1.72	270	Pn	04 10.00	1.0	VAY	1.85 69	iPn	00 43.80	0.8	KEY	79.95	346	eP	41 01.00	0.6
			Pg	04 14.70		KNT	2.05 76	ePb	00 45.44	-0.4	TUL	146.24	337	ePKP	48 33.00	1.3
							eSb	01 13.92								

1.0s	18.60nm	-			
	e	48 40.40			
S.D. = 0.8	on 37 of 38 obs.				
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& SEP 21, 1992 19h 00m 13.79s					
63.255 N 151.254 W					
DEPTH = 10.4km					
CENTRAL ALASKA (1)					
<AEIC>. ML 2.3 (AEIC), 2.7 (PMR).					
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PMR	1.94	148 eP	00 46.15	-0.9	
CRP	2.04	192 eP	00 48.79	0.1	
TTA	2.19	264 eP	00 52.99	2.2	
		(S)	01 20.41		
FBA	2.24	41 eP	00 53.66	2.2	
TOA	2.61	114 eP	00 59.60	2.8	
SVW	2.97	226 (P)	01 01.49	-0.3	
IMA	3.01	341 eP	01 00.74	-1.7	
		eLg	01 44.72		
KLU	3.05	123 eP	01 03.56	0.6	
8 obs. associated					
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SEP 21, 1992 20h 06m 51.77± 0.67s					
46.483 N ± 7.6km 16.293 E ± 6.6km					
DEPTH = 10.0km (geophysicist)					
NORTHWESTERN BALKAN REGION (383)					
ML 3.1 (ZAG), MD 2.6 (TRI), Felt (V) at Raskrizje and Strigovo, Slovenia. Also felt at Lendava, Slovenia and Cakovec, Croatia.					
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PTJ	0.63	202 iPg	07 02.90	-1.6	
		iSg	07 13.70		
ZAG	0.70	198 ePg	07 05.00	-0.6	
		eSg	07 16.70		
VBY	1.22	217 ePg	07 14.30	-0.1	
		iSg	07 32.60		
		i	07 37.00		
LJU	1.30	251 ePg	07 16.10	0.3	
		eS	07 34.10		
		iSg	07 34.50		
CEY	1.50	241 ePn	07 19.40	0.7	
		eSg	07 40.50		
UZD	1.58	85 ePn	07 20.80	0.9	
VOY	1.73	256 ePn	07 23.10	1.0	
		eSg	07 47.60		
VKA	1.78	1 eP	07 26.00	3.2X	
		e(S)	07 48.00		
ZST	1.80	18 eP	07 31.60	8.5X	
		i(Sn)	07 52.70		
		i	07 55.80		
SRO	1.92	45 eP	07 22.00	-2.7	
		i	07 52.70		
		i	08 01.50		
TRI	1.92	247 e(Pn)	07 26.30	1.5	
		e(Sg)	07 54.20		
KBA	2.11	287 iPnd	07 26.90	-0.9	
	0.5s	30.00nm			
		iPg	07 31.60		
		eSg	08 00.40		
FVI	2.43	274 P	07 32.00	-0.1	
		eSn	08 14.00		
PSZ	2.84	58 ePn	07 40.30	2.2	
		eSn	08 09.80		
KHC	3.22	326 Pn	07 43.30	-0.1	
		e	07 53.00		
		e	08 21.40		
		eSg	08 34.50		
WTTA	3.29	285 e(Pg)	07 43.90	-0.6	
PRU	3.70	342 eP	08 36.50	46.3X	
		Sg	08 50.80		
S.D. = 1.4 on 14 of 17 obs.					
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& SEP 21, 1992 20h 29m 36.36s					
63.297 N 149.025 W					
DEPTH = 7.2km					
CENTRAL ALASKA (1)					
<AEIC>. ML 2.6 (AEIC).					
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RND	0.13	35 iPc	29 39.19	-0.2	
HUR	0.42	221 iPc	29 44.77	-0.2	
		eS	29 50.64		
MCK	0.44	5 iPc	29 44.87	-0.4	
		iS	29 50.63		
TRF	0.59	286 iPd	29 47.68	-0.5	
KTH	0.89	288 eP	29 53.37	-0.4	

WRH	-1.25	19 iPc	29 59.39	-0.4	
		iS	30 16.26		
NEA	1.29	359 ePc	30 00.13	-0.3	
		eS	30 16.74		
HDA	1.44	39 ePc	30 02.57	-0.3	
CCB	1.46	21 eP	30 01.99	-1.1	
		eS	30 21.50		
THY	1.48	84 eP	30 03.86	0.4	
DDM	1.50	69 eP	30 04.60	0.9	
SML	1.53	168 iPc	30 03.54	-0.6	
GHO	1.53	178 ePc	30 03.66	-0.5	
		eS	30 23.78		
PAX	1.65	100 ePd	30 05.69	-0.2	
DJE	1.66	62 eP	30 06.67	0.7	
SCM	1.67	151 eP	30 05.94	-0.2	
FBA	1.70	18 P	30 06.30	-0.2	
PWA	1.70	194 iPd	30 06.75	0.2	
PLRM	1.71	182 ePc	30 06.30	-0.4	
		eS	30 29.04		
SKT	1.76	222 ePc	30 07.30	-0.1	
		eS	30 30.82		
SDG	1.77	114 ePd	30 08.06	0.4	
		eS	30 31.27		
TOA	1.78	131 eP	30 07.78	0.0	
GLM	1.84	22 eP	30 08.09	-0.6	
KNK	1.91	172 eP	30 09.55	-0.1	
		eS	30 34.04		
SUA	2.01	204 eP	30 10.90	-0.2	
PMS	2.08	187 eP	30 12.19	0.2	
TZL	2.08	125 eP	30 13.91	1.8	
DOT	2.26	79 eP	30 15.71	1.1	
KLU	2.32	140 ePc	30 16.73	1.2	
NCG	2.40	219 eP	30 16.46	-0.3	
CGLM	2.43	216 eP	30 16.89	-0.3	
PTE	2.44	180 eP	30 17.99	0.8	
CRP	2.51	217 eP	30 18.07	-0.3	
VLZ	2.51	149 eP	30 18.44	0.2	
CKN	2.55	217 eP	30 19.84	1.0	
SPU	2.55	215 eP	30 18.76	-0.1	
BGL	2.58	219 eP	30 20.25	1.0	
CKT	2.58	217 eP	30 19.52	0.3	
GLI	2.59	159 eP	30 20.25	0.9	
CKL	2.62	218 eP	30 20.81	1.0	
BKG	2.70	216 eP	30 20.97	-0.1	
MPA	2.82	183 eP	30 23.92	1.3	
FID	2.82	154 eP	30 23.62	0.9	
SLKM	2.86	192 eP	30 24.49	1.3	
KNIM	3.02	168 eP	30 26.21	0.7	
GLB	3.06	125 eP	30 26.70	0.6	
HIN	3.15	157 eP	30 27.13	-0.1	
RDT	3.17	212 eP	30 29.10	1.5	
SEW	3.21	184 eP	30 29.89	1.8	
NCT	3.31	216 eP	30 29.12	-0.5	
RDW	3.34	214 eP	30 29.70	-0.5	
RAGM	3.57	143 eP	30 32.52	-0.8	
BALM	3.87	123 eP	30 38.08	0.5	
WAX	4.09	132 eP	30 40.95	0.3	
54 obs. associated					

SEP 21, 1992 20h 30m 39.84± 0.28s
51.149 N ± 6.4km 178.986 W ± 2.9km
DEPTH = 33.0km (normal)
5.0mb (66 obs.) 4.1Msz (8 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.61	62 ePd	31 07.68	1.3	
SMY	4.56	293 eP	31 51.01	2.8	
SDN	11.83	62 (P)	33 25.30	-3.8X	
SVW	16.31	43 eP	34 30.02	2.3	
	0.7s	19.58nm		4.3mb	
KDC	16.69	56 (P)	34 32.84	0.4	
ILT	16.81	0 iPc	34 35.70	1.9	
	1.4s	52.00nm		4.5mb	
TTA	17.07	37 eP	34 38.20	0.9	
	0.7s	5.95nm		3.8mb X	
REF	17.36	47 eP	34 42.14	1.1	
SLKM	18.53	49 eP	34 55.16	-0.1	
IMA	19.71	31 eP	35 08.42	-0.7	
	0.9s	20.80nm		4.4mb	
KLU	20.82	47 eP	35 19.88	-0.7	
FBA	21.20	38 eP	35 23.66	-0.7	
	0.7s	9.67nm		4.3mb	
YSS	25.22	276 iPd	36 05.10	1.2	
	1.0s	50.00nm		5.1mb	
HON	33.99	143 P	37 30.00	7.6X	
	2.0s	0.24um		3.9Msz	
MDJ	34.50	280 eP	37 25.50	-1.1	

-	1.0s	9.20nm		4.7mb	
YKA	35.48	46 eP	37 33.10	-1.6	
	0.8s	7.10nm		4.6mb	
GMW	36.03	73 eP	37 40.88	1.3	
LON	36.99	74 eP	37 49.08	1.3	
CN2	37.48	281 P	37 51.00	-0.8	
	1.0s	6.10nm		4.4mb	
		epP	38 00.00	30kmX	
BOD	37.92	307 eP	37 55.60	0.3	
	1.1s	18.00nm		4.8mb	
VGB	38.22	75 eP	37 57.91	-0.2	
NEW	39.08	69 eP	38 05.30	0.1	
	1.1s	37.04nm		5.1mb	
SNY	39.70	280 P	38 10.70	0.4	
	1.2s	31.00nm		4.9mb	
LBFM	39.76	81 (P)	38 12.02	0.9	
BONR	43.99	83 eP	38 44.71	-1.2	
PTI	44.74	73 eP	38 52.30	0.6	
HVU	45.12	75 eP	38 54.85	0.0	
BJI	45.31	282 eP	38 56.00	0.0	
	1.2s	16.00nm		4.8mb	
TPNV	45.89	83 (P)	39 02.24	1.3	
	0.8s	8.06nm		4.7mb	
DUG	46.04	77 eP	39 01.33	-0.7	
	0.7s	4.22nm		4.5mb	
BW06	46.49	72 eP	39 05.69	0.0	
	1.0s	25.00nm		5.1mb	
DAU	46.86	76 eP	39 09.20	0.5	
ZAK	46.97	301 iPc	39 09.80	0.8	
	1.3s	39.00nm		5.2mb	
TIA	47.08	277 eP	39 10.00	-0.1	
MSU	47.45	78 eP	39 13.41	0.1	
HHC	47.64	286 eP	39 15.50	0.9	
	1.2s	33.00nm		5.2mb	
BTO	48.73	287 eP	39 24.00	1.0	
RSSD	48.96	67 eP	39 24.61	-0.3	
	1.1s	15.61nm		5.0mb	
GOL	50.86	73 eP	39 39.99	0.4	
	0.8s	18.59nm		5.1mb	
Z	18s	0.15um		4.1Msz	
TUC	52.32	83 eP	39 50.30	-0.2	
	0.8s	3.80nm		4.4mb	
ALD	53.26	78 P	40 10.00	12.4X	
Z	21s	0.13um		4.0Msz	
XAN	53.59	281 P	39 58.50	-1.3	
	1.0s	7.10nm		4.6mb	
LZH	55.34	286 P	40 12.50	-0.2	
	1.2s	43.00nm		5.4mb	
GTA	55.54	292 iPc	40 13.50	-0.6	
	1.0s	28.00nm		5.2mb	
JFWS	57.51	61 P	40 40.00	12.0X	
Z	21s	0.13um		4.0Msz	
KEV	57.92	350 eP	40 31.00	0.5	
WMO	59.37	303 P	40 42.00	1.0	
	1.0s	28.00nm		5.3mb	
Z	24s	0.34um		4.4MszX	
		sP	40 54.00		
FVM	60.76	65 eP	40 49.23	-1.2	
	0.6s	10.25nm		5.1mb	
SVE	61.74	327 ePd	41 06.20	9.3X	
Z	19s	0.40um		4.6Msz	
N	19s	0.20um			
E	19s	0.20um			
KMI	63.64	278 eP	41 09.80	-0.4	
	1.2s	20.00nm		5.1mb	
PWLA	64.22	66 eP	41 12.79	-0.7	
RSNY	64.50	50 P	41 20.00	4.8X	
Z	19s	0.14um		4.2Msz	
KAF	65.31	347 iP	41 18.40	-1.8	
	0.6s	8.20nm		5.0mb	
NUR	67.08	348 iP	41 29.90	-1.6	
	0.5s	6.00nm		4.9mb	
LSA	67.41	290 iPc	41 35.60	1.0	
NB2	67.86	355 P	41 35.10	-1.4	
	0.7s	4.60nm		4.7mb	
PRM	68.10	63 eP	41 38.17	-0.1	
UPP	68.53	351 iP	41 38.80	-1.7	
CEH	68.56	59 P	41 50.00	8.9X	
Z	20s	0.12um		4.1Msz	
JSC	68.57	62 eP	41 40.88	-0.3	
KSH	68.59	307 P	41 42.50	1.1	
HFS	68.60	353 eP	41 38.90	-2.1	
	0.4s	1.90nm		4.5mb	
Z	21s	0.15um		4.2Msz	
		LR	07 00.00		
LHS	68.67	61 eP	41 41.61	-0.2	
OBN	70.05	339 iPd	41 49.00	-0.9	

21d 20h

	0.9 s	46.00nm	—	5.5mb
Z	16 s	0.40um		4.8mszx
CHG	70.65	276 eP	41	53.50 -0.7
GUN	71.83	292 P	42	01.44 -0.1
	0.5 s	89.00nm		6.1mb X
KKN	72.27	292 P	42	04.38 0.4
PKI	72.36	292 P	42	05.08 0.4
GKN	72.49	293 P	42	05.58 0.4
DMN	72.51	292 P	42	06.10 0.6
EKA	73.83	2 Pd	42	12.30 0.0
	0.8 s	5.50nm		4.6mb
WTS	77.11	356 eP	42	31.50 0.5
	1.0 s	12.00nm		4.9mb
CLL	77.41	352 iPd	42	32.00 -0.7
		eSg	50	41.00
OJC	77.75	348 eP	42	34.30 -0.3
BRG	77.76	352 eP	42	34.30 -0.4
	1.0 s	10.00nm		4.8mb
		iSg	50	21.00
ENN	78.38	357 eP	42	38.00 0.0
	0.9 s	26.00nm		5.2mb
PRU	78.58	351 eP	42	38.50 -0.7
		e	48	56.00
SNF	78.68	358 P	42	39.80 0.1
SPC	78.70	347 eP	42	39.90 -0.2
UZH	78.94	346 eP	42	41.00 -0.1
	0.7 s	24.00nm		5.3mb
		e	42	48.50
		e	43	02.80
DOU	79.09	358 P	42	42.40 0.5
GRF	79.16	353 iPc	42	42.70 0.3
	1.0 s	13.00nm		4.9mb
WLF	79.47	357 P	42	42.00 -2.0
KHC	79.52	352 P	42	44.50 0.1
	1.0 s	6.10nm		4.6mb
		e	43	08.30
GEC2	79.80	352 ePc	42	45.10 -0.8
	0.6 s	2.79nm		4.4mb
		e	42	58.00
PSZ	79.99	347 eP	42	47.20 0.2
ZST	80.08	349 iP	42	47.70 0.4
		e	48	21.50
		e	48	26.40
FLN	80.46	1 eP	42	48.90 -0.4
	1.1 s	26.60nm		5.2mb
LDF	80.63	1 eP	42	49.70 -0.5
	1.0 s	22.40nm		5.1mb
CDF	80.67	356 eP	42	50.20 -0.4
	1.0 s	7.80nm		4.7mb
GRR	80.83	1 eP	42	51.10 -0.2
	1.0 s	22.80nm		5.1mb
HAU	81.12	356 eP	42	52.60 -0.3
	0.9 s	8.50nm		4.7mb
LPF	81.18	1 eP	42	53.20 0.1
	1.4 s	34.85nm		5.2mb
BSF	81.28	356 eP	42	53.40 -0.4
	0.9 s	7.20nm		4.7mb
WTTA	81.54	353 iP	42	54.90 -0.4
	0.8 s	16.00nm		5.1mb
KBA	81.58	352 iPc	42	56.00 0.5
	0.7 s	28.00nm		5.4mb
WRA	81.77	224 P	42	56.20 -0.3
	0.7 s	0.70nm		3.8mb X
LOR	81.93	358 eP	42	56.90 -0.2
	0.9 s	10.80nm		4.9mb
SSF	82.15	358 eP	42	58.20 0.0
	1.1 s	17.10nm		5.0mb
LBF	82.21	358 eP	42	58.20 -0.4
	1.1 s	9.30nm		4.7mb
AVF	82.42	358 eP	42	59.60 0.0
	1.1 s	18.80nm		5.1mb
PTJ	82.47	350 eP	43	00.20 0.2
SMF	82.56	358 eP	43	00.30 0.0
	1.0 s	20.40nm		5.1mb
MFF	82.63	1 eP	43	00.80 0.1
	0.9 s	13.10nm		5.0mb
TCF	82.94	359 eP	43	02.20 -0.2
	0.9 s	9.50nm		4.9mb
LSF	82.98	360 eP	43	02.50 0.0
	0.7 s	10.35nm		5.0mb
MAF	83.00	359 eP	43	02.90 0.2
	0.9 s	9.15nm		4.9mb
LPG	83.61	356 eP	43	06.80 0.7
	1.1 s	10.00nm		4.9mb
LSD	83.63	356 P	43	06.93 0.7
RJF	83.93	360 eP	43	

RSP	83.93	356	P	43	07.85	0.3
RRL	84.18	356	P	43	10.01	1.0
BOB	84.19	354	P	43	09.50	0.7
HYB	84.19	290	eP	43	09.10	0.0
LFF	84.29	0	eP	43	09.60	0.4
	0.9s	20.00nm				5.3mb
CAF	84.30	359	eP	43	09.80	0.5
	1.2s	24.70nm				5.3mb
PCP	84.47	355	P	43	09.39	-0.8
PZZ	84.58	356	P	43	10.11	-0.8
MME	84.67	353	P	43	12.40	1.0
ROB	84.75	355	P	43	10.32	-1.3
FIN	84.82	355	P	43	10.73	-1.2
STV	84.83	355	P	43	09.70	-2.3
ENR	84.84	355	P	43	10.11	-2.0
PGD	84.90	352	P	43	13.90	1.4
FIR	85.04	353	eP	43	13.50	0.6
IMI	85.13	355	P	43	13.00	-0.5
SBF	85.21	355	eP	43	13.00	-0.1
	0.9s	32.25nm				5.5mb
ASPA	85.24	222	P	43	14.80	0.7
	0.7s	1.20nm				4.2mb
FRF	85.54	356	eP	43	15.50	0.0
	0.9s	16.40nm				5.2mb
SKO	85.56	345	iP	43	16.00	0.3
LMR	85.78	356	eP	43	16.90	0.2
	0.9s	14.90nm				5.2mb
AQU	86.25	351	P	43	20.20	1.1
PGF	86.42	354	eP	43	20.00	0.0
	0.8s	26.45nm				5.5mb
DUI	86.83	350	P	43	22.70	0.7
GBA	87.84	289	P	43	26.60	-0.4
SLR	147.18	310	ePKP	50	20.00	1.2
	0.8s	22.39nm				
BLF	151.01	310	e(PKP)	50	27.20	2.5X
KIM	151.38	312	ePKP	50	34.00	8.8X
S.D. = 0.9 on 129 of 138 obs.						
SEP 21, 1992 20h 47m 50.58 ± 0.59s						
46.418 N ± 5.5km 16.218 E ± 6.1km						
DEPTH = 10.0km (geophysicist)						
NORTHWESTERN BALKAN REGION (383)						
ML 3.5 (ZAG), 2.9 (BRA), MD 3.0						
(TRI). Felt (V) at Kog and						
Strigova, Slovenia. Felt at						
Lendava and Raskrizje, Slovenia.						
Also felt at Cakovec, Croatia.						
PTJ	0.55	199	iPg	48	00.90	-0.8
ZAG	0.62	195	ePg	48	03.00	-0.1
			eSg	08	13.50	
VBY	1.13	217	ePgc	48	11.60	-0.2
			iSg	48	30.20	
LJU	1.23	253	iPg	48	13.60	0.2
CEY	1.42	242	ePn	48	16.40	-0.1
UZD	1.64	83	ePn	48	19.40	-0.2
VOY	1.66	257	ePnd	48	21.10	1.2
			eSg	48	45.70	
TRI	1.85	248	e(Pn)	48	24.40	1.8
			i(Sg)	48	46.10	
VKA	1.85	2	iP	48	23.50	0.9
			e(S)	48	45.00	
ZST	1.88	18	i(Pg)	48	28.20	5.2X
			i(Sn)	48	51.20	
			i	48	54.40	
SRO	2.00	45	iPn	48	25.00	0.3
			i(Sn)	48	51.40	
			Lg	49	08.50	
KBA	2.08	290	iPnd	48	2	

WEI	3.54	322	ePn	48	56.80	10.1X
PRU	3.74	343	Pg	48	58.50	8.9X
	1.0s	15.70nm				
		e	49	14.80		
		e	49	35.50		
		Sg	49	46.80		
GRF	4.69	316	e(Pn)	49	00.30	-2.7X
			e(Pg)	49	17.20	
			eSn	49	52.40	
			eSg	50	20.10	
	S.D. = 1.0	on	13	of	20 obs.	
<hr/>						
&	SEP 21, 1992	21h 15m 09.25s				
	60.982 N	150.893 W				
	DEPTH = 13.4km					
	KENAI PENINSULA, ALASKA					(14)
	<AEIC>. ML 2.5 (AEIC).					
<hr/>						
NKA	0.29	215	iPc	15	17.56	2.0
SUA	0.49	8	ePc	15	19.34	0.1
SLKM	0.58	145	iPd	15	19.95	-0.8
		iS	15	27.80		
SPU	0.60	290	ePd	15	20.61	-0.5
		iS	15	28.87		
CGLM	0.63	302	ePd	15	21.38	-0.3
BKG	0.67	278	ePd	15	21.83	-0.5
		eS	15	31.12		
CKT	0.67	290	ePd	15	21.90	-0.5
		eS	15	30.86		
CRP	0.68	296	eP	15	22.01	-0.5
		S	15	31.68		
PMS	0.70	67	iPd	15	22.15	-0.6
		eS	15	31.38		
CKL	0.73	288	ePc	15	22.80	-0.6
NCG	0.74	305	ePd	15	23.07	-0.5
BGL	0.78	292	ePd	15	23.56	-0.6
PWA	0.83	36	ePc	15	24.84	-0.1
		eS	15	36.20		
MPA	0.90	123	ePd	15	25.48	-0.7
PTE	0.92	97	eP	15	25.81	-0.7
DFR	0.96	247	ePd	15	26.17	-1.1
REF	1.02	242	iPd	15	27.21	-1.1
		eS	15	40.63		
RDN	1.03	244	eP	15	27.08	-1.4
		eS	15	40.36		
PLRM	1.05	53	eP	15	27.20	-1.5
		eS	15	40.55		
SKT	1.05	343	eP	15	28.46	-0.2
		S	15	42.41		
RSO	1.05	241	ePd	15	27.74	-1.2
RS2	1.05	241	ePd	15	27.76	-1.2
RS1	1.06	241	ePd	15	27.82	-1.2
RDW	1.07	243	ePd	15	27.88	-1.3
		eS	15	41.52		
RED	1.08	239	ePd	15	28.11	-1.3
		eS	15	42.22		
NCT	1.08	248	ePd	15	28.11	-1.3
SEW	1.13	140	eP	15	28.84	-1.3
GHO	1.24	49	ePc	15	30.70	-1.3
KNK	1.26	69	eP	15	31.53	-0.8
		eS	15	47.93		
HOM	1.38	196	eP	15	33.41	-0.7
		eS	15	50.94		
SML	1.48	55	eP	15	35.43	-0.2
KNIM	1.68	111	eP	15	37.32	-1.1
LTI	1.78	121	eP	15	38.88	-0.9
GLI	1.86	92	ePc	15	40.02	-1.0
SCM	1.92	62	eP	15	41.00	-0.9
PDB	2.03	235	eP	15	42.32	-1.1
AUL	2.05	219	eP	15	42.57	-1.1
FID	2.17	94	eP	15	42.86	-2.7
VLZ	2.22	84	eP	15	45.01	-1.2
HIN	2.24	103	eP	15	44.58	-1.9
SVW	2.30	275	eP	15		

ZAG	0.66	189	iSg	35	28.00	
			iPgc	35	20.00	-0.8
VBY	1.14	213	iSg	35	31.00	
			ePg	35	27.90	-1.1
LJU	1.19	250	eSg	35	46.40	
			ePg	35	30.50	0.6
CEY	1.39	239	ePn	35	33.00	0.6
			eSg	35	55.00	
VOY	1.62	255	ePn	35	37.10	0.7
			eSn	36	01.60	
UZD	1.69	85	ePn	35	38.10	0.7
TRI	1.82	246	e(Pg)	36	06.30	27.1X
			i(Sg)	36	08.30	
ZST	1.85	20	eP	36	04.60	24.9X
SRO	2.01	47	eP	36	16.60	34.7X
KBA	2.02	289	e(Pg)	35	42.60	0.3
	0.6s		9.00nm			
			eSg	36	14.00	
KHC	3.18	328	Pn	35	57.30	-1.4
			e	36	06.00	
			e	36	41.80	
			eSg	36	53.00	

S.D. = 1.0 on 9 of 12 obs.

SEP 21, 1992 21h 41m 42.99±1.32s
 51.563 N ± 7.9km 7.640 E ± 10.5km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.8 (LDG), 2.5 (BNS), MD 2.8
 (UCC). Felt in the Dortmund
 oreo. Possible rockburst.

WTS	0.67	310	iPg	41	56.40	0.1
	0.6s		18.00nm			
STB	1.09	208	iPnc	42	04.05	0.5
	0.3s		115.00nm			
			iPg	42	05.12	
			iSn	42	19.40	
			iSg	42	21.22	
GSH	1.15	224	ePgc	42	04.60	0.1
			eSg	42	21.00	
ENN	1.34	234	ePn	42	07.50	-0.2
	0.4s		21.00nm			
			ePg	42	09.70	
			eSn	42	27.00	
BGG	1.37	188	iPnd	42	08.51	0.4
	0.3s		37.00nm			
			iPgc	42	09.54	
			i(Sn)	42	27.28	
			iSg	42	28.56	
MEM	1.41	228	iP	42	08.42	-0.2
			iS	42	27.77	
ABH	1.68	182	ePn	42	13.38	0.7
RUP	1.90	191	ePn	42	16.42	0.6
WLF	2.12	207	P	42	22.00	3.1X
			iS	42	50.00	
SNF	2.37	245	iP	42	22.80	0.4
DOU	2.43	234	iP	42	22.90	-0.4
			iS	42	58.20	
MOX	2.67	109	ePg	42	35.00	8.2X
			eSg	43	09.10	
CDF	3.16	184	Pn	42	33.40	-0.5
			Sg	43	23.50	
HAU	3.66	194	Pn	42	39.90	-1.0
			Sg	43	41.00	
BSF	3.78	189	Pn	42	42.00	-0.6
			Sn	43	24.30	
			Sg	43	45.00	
KHC	4.51	120	ePn	43	17.00	24.0X
			e	44	01.50	
			eSg	44	21.50	
LOR	4.96	211	Pn	42	57.10	-2.1X
			Sn	43	52.40	
LBF	5.17	209	Pn	42	59.70	-2.6X
AVF	5.54	212	Pn	43	05.80	-1.7X
LDF	5.81	242	Pn	43	09.30	-2.0X
FLN	5.92	245	Pn	43	10.70	-2.1X
			Sn	44	15.00	
GRR	6.34	243	Pn	43	16.20	-2.5X
			Sn	44	24.50	
LPF	6.64	241	Pn	43	20.30	-2.6X

S.D. = 0.6 on 13 of 23 obs.

? SEP 21, 1992 22h 49m 10.90±1.11s
 7.564 N ± 26.5km 127.038 E ± 36.5km
 DEPTH = 33.0km (normol)

4.3mb (1 obs.)					
PHILIPPINE ISLANDS REGION (248)					
BIP	1.02	310	ePc	49	28.00 -0.9
			eS	50	16.00
CGP	2.48	291	iPd	49	53.50 3.6X
			iS	50	27.50
MAP	4.08	312	ePc	50	13.50 0.9
PLP	4.12	331	ePd	50	13.00 -0.1
			eS	50	59.50
WB2	28.27	165	eP	55	03.50 0.1
	0.7s		5.30nm		4.3mb
CTA	33.36	146	e(P)	56	08.00 19.6X
BRS	42.76	145	e(P)	57	07.00 -0.1
			e	59	13.50

S.D. = 0.9 on 5 of 7 obs.

? SEP 21, 1992 22h 58m 01.88±4.25s
 34.457 S ± 30.0km 73.292 W ± 25.0km
 DEPTH = 5.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.2 (SAN).

LNV	1.64	73	iP+	58	31.10 -0.3
			iS	58	58.70
LCCH	1.73	56	iP+	58	32.55 -0.3
			iS	59	02.22
TACH	2.11	68	iPd	58	37.88 -0.5
			iS	59	11.01
CHCH	2.25	77	iP+	58	40.34 0.0
			iS	59	15.09
CACH	2.25	82	iP	58	40.85 0.3
			iS	59	17.12
ROCH	2.41	53	iPd	58	42.84 0.0
			iS	59	19.02
PCH	2.45	71	iPd	58	43.23 -0.1
			iS	59	20.58
PEL	2.54	60	iP+	58	45.20 0.8
			iS	59	23.38
FCH	2.74	67	iPd	58	47.50 -0.1
			iS	59	28.47
JACH	2.87	53	iPd	58	49.31 0.1
			iS	59	31.61
CNCB	18.21	16	P	02	21.50 3.8X
LPB	18.45	16	eP	02	21.00 0.5
ZOBO	18.68	16	eP	02	23.00 -0.5

S.D. = 0.4 on 12 of 13 obs.

SEP 21, 1992 23h 34m 07.34±0.35s
 55.862 N ± 10.1km 165.698 E ± 4.3km
 DEPTH = 25.9km (5 depth phases)
 4.7mb (29 obs.) 4.1Msz (4 obs.)
 KOMANDORSKY ISLANDS REGION (4)

PET	5.00	238	ePn	35	20.00 -2.6X
	Z 14s		1.80um		
	N 12s		5.00um		
	E 12s		3.00um		
			eS	36	15.00
SKR	7.76	232	ePn	36	00.00 -1.3
	Z 18s		1.30um		
	N 18s		2.10um		
	E 18s		2.20um		
			eS	37	18.90
MGD	8.98	304	ePn	36	19.00 0.8
	Z 12s		1.10um		
	E 13s		1.00um		
			e	38	00.00
ADK	11.13	104	eP	36	45.14 -2.6X
ILT	14.07	25	iPd	37	45.50 18.6X
	2.0s		138.00nm		
	Z 12s		0.80um		
	N 12s		0.80um		
YSS	16.77	248	eP	38	10.00 8.2X
	Z 14s		1.40um		
	N 14s		1.40um		
YAK	19.36	303	eP	38	32.40 -1.1
	1.5s		77.00nm		4.7mb
	N 18s		0.80um		
TTA	20.47	54	eP	38	45.47 0.1
	1.3s		19.32nm		4.3mb
SVW	20.65	59	eP	38	46.98 -0.3
	1.2s		24.40nm		4.5mb
IMA	21.78	46	eP	38	58.73 0.0
	1.1s		9.43nm		4.1mb
TIK	22.12	330	eP	39	09.00 7.1X
	1.9s		54.00nm		4.7mb

KDC	22.71	68	eP	39	06.92 -0.9
	1.0s		11.01nm		4.3mb
PMR	23.73	57	(P)	39	18.38 0.6
	0.4s		6.05nm		4.5mb
Z	20s		0.42um		3.9Msz
KLU	25.27	57	eP	39	31.85 -0.8
MAT	26.82	235	(P)	39	46.00 -1.2
	1.0s		24.00nm		4.8mb
BALM	27.05	57	eP	39	47.73 -1.5
BOD	27.68	296	eP	40	07.00 13.0X
ZAK	36.72	288	eP	41	15.00 1.4
	1.3s		13.00nm		4.6mb
			e	49	16.00
MOY	37.23	291	eP	41	18.10 0.2X
YKA	38.89	47	eP	41	38.00 6.2X
	1.2s		3.00nm		3.9mb
BTO	38.97	271	eP	41	35.50 2.6
	N 15s		1.10um		
	E 17s		0.88um		
GMW	43.23	70	(P)	42	08.45 0.8
BMW	43.67	71	eP	42	12.30 1.0
GTA	45.52	278	eP	42	26.00 -0.3
	Z 10s		0.64um		4.9Mszx
	N 10s		0.64um		
			pP	42	36.00 34km
LZH	45.59	271	eP	42	32.00 5.0X
	1.5s		32.00nm		5.0mb
NEW	45.73	65	eP	42	27.79 0.0
	1.0s		16.00nm		4.9mb
WMD	49.10	291	P	42	55.00 0.7
	Z 24s		0.57um		4.5Mszx
	N 12s		0.25um		
			pP	43	07.00 43kmx
ORV	49.25	77	(P)	42	54.97 -0.4
			e	43	02.04
CD2	49.45	267	eP	43	00.80 3.8X
LRM	49.74	65	eP	42	57.90 -1.5
BONR	52.14	76	(P)	43	18.61 0.8
			e	43	25.69
SYE	52.47	318	ePd	43	25.00 5.4X
BW06	53.35	66	eP	43	26.00 -0.6
	1.2s		14.84nm		4.8mb
			e	43	34.00
DAU	54.16	69	eP	43	33.20 0.5
			e	43	40.86
KMI	54.47	263	eP	43	46.50 11.5X
	1.5s		30.00nm		
ARUT	54.91	73	eP	43	38.40 0.4
			e	43	45.30
MSU	55.06	71	eP	43	38.85 -0.4
			e	43	46.87
RSSD	55.17	61	eP	43	39.56 -0.4
	0.9s		8.14nm		4.8mb
	Z 22s		0.23um		4.2Msz
			e	43	46.59
SRU	55.50	70	ePc	43	42.15 -0.2
			epP	43	49.67 25km
PEC	55.75	79	eP	43	42.79 -1.2
			e	43	50.05
PV10	56.82	69	eP	43	53.20 1.3
LSA	57.46	276	eP	43	57.20 0.4
GLA	57.67	78	eP	43	57.29 -0.4
			epP	44	04.55 24km
GOL	57.75	66	eP	43	59.41 1.0
	1.0s		15.13nm		5.0mb
	Z 18s		0.15um		4.2Msz
			e	44	05.78
KAF	58.15	339	iP	44	07.10 6.5X
	0.4s		3.10nm		4.7mb
NUR	59.95	339	eP	44	19.00 5.9X
	0.9s		13.20nm		5.1mb
TUC	60.45	75	eP	44	16.69 -0.3
	0.8s		4.25nm		4.6mb
			epP	44	23.75 23km
ALO	60.77	70	eP	44	19.15 -0.1
	0.9s		5.38nm		4.7mb
			epP	44	26.68 25km
CHG	61.61	262	eP	44	25.60 0.7
	0.9s		2.00nm		4.2mb
GUN	61.79	279	P	44	25.70 -0.7
OBV	61.87	330	ePd	44	3

21d 23h

PKI	62.31	279	P	44	28.70	-1.2
GKN	62.41	280	P	44	29.54	-0.8
DMN	62.45	279	P	44	29.58	-1.2
FVM	66.46	57	(P)	44	56.86	0.5
	0.7s	11.49nm				5.1mb
OJC	70.54	338	eP	45	22.00	0.6
			e	45	29.40	
KSP	70.67	340	eP	45	22.50	0.3
			e	45	29.20	
CLL	70.82	342	ePd	45	30.00	6.9X
	1.3s	11.00nm				4.8mb
BRG	71.08	342	eP	45	32.20	7.6X
	1.1s	11.00nm				4.9mb
SPC	71.42	337	eP	45	33.80	6.8X
PRU	71.82	341	eP	45	28.00	-1.1
GRF	72.68	343	e(P)	45	35.40	1.1
Z	21s	0.10um				4.1msz
			e	45	42.60	
PSZ	72.69	337	ePc	45	42.10	7.7X
KHC	72.82	341	eP	45	34.50	-0.6
	1.2s	7.50nm				4.6mb
			e	45	42.50	
			e	45	51.00	
ZST	73.03	339	eP	45	44.80	8.5X
GEC2	73.07	341	eP	45	36.70	0.1
	1.0s	0.88nm				3.7mb
			e	45	40.40	
			e	45	42.10	
			ec	45	44.40	
			e	45	52.40	
			e	45	58.30	
SRO	73.14	338	eP	45	43.30	6.4X
PRM	73.39	53	(P)	45	39.40	0.8
			e	45	45.74	
BHG	74.30	341	iPc	45	52.10	8.4X
WB2	80.04	210	eP	46	20.40	4.6X
	1.1s	3.80nm				4.3mb
WRA	80.05	210	P	46	21.00	5.1X
ASPA	83.70	209	eP	46	40.30	5.5X
	1.3s	7.60nm				4.7mb
SPA	145.68	180	iPKPd	53	47.30	3.8
	1.0s	15.00nm				
S.D. = 1.1 on 50 of 76 obs.						
% SEP 22, 1992 00h 03m 16.52±1.04s						
39.320 N ± 5.5km 22.261 E ± 13.8km						
DEPTH = 10.0km (geophysicist)						
GREECE (364)						
MD 2.4 (THE).						
AGG	0.30	170	ePgc	03	22.76	-0.1
			eSg	03	29.32	
LIT	0.80	13	ePg	03	31.44	-0.6
			eSg	03	45.68	
PAIG	1.25	61	ePb	03	39.52	-0.3
			eSb	03	58.00	
THE	1.42	22	ePb	03	42.88	0.6
			eSb	03	59.92	
GRG	1.64	4	ePb	03	45.64	0.2
			eSb	04	08.00	
OUR	1.67	52	ePb	03	46.28	0.4
SOH	1.72	29	ePb	03	46.64	0.0
			eSb	04	09.60	
SRS	2.06	29	ePn	03	51.48	-0.2
			eSn	04	16.16	
S.D. = 0.5 on 8 of 8 obs.						
% SEP 22, 1992 00h 41m 06.02±1.43s						
38.381 N ± 13.5km 20.560 E ± 12.1km						
DEPTH = 10.0km (geophysicist)						
GREECE (364)						
MD 3.1 (ATH).						
VLS	0.21	173	ePg	41	02.80	-7.7X
KEK	1.46	336	ePb	41	31.00	-1.3
AGG	1.53	65	eP	41	34.10	0.7
SRN	1.56	344	ePn	41	33.40	-0.4
TPE	1.96	348	ePn	41	44.00	4.4X
KZN	2.14	26	ePb	41	43.00	0.7
VLO	2.24	339	ePn	41	49.00	5.3X
LIT	2.28	41	eP	41	42.50	-1.8
BERA	2.37	349	ePn	41	47.50	2.0
FNA	2.48	14	eP	41	50.30	3.2X
VLI	2.52	131	ePg	41	47.60	0.0
OHR	2.73	4	ePn	41	45.50	-5.3X
GRG	2.94	28	eP	41	45.70	-7.9X

BRT	3.60	315	P	42	03.00	0.1
SKO	3.65	10	ePn	41	59.50	-4.2X
S.D. = 1.4 on 8 of 15 obs.						
SEP 22, 1992 01h 43m 10.33s						
34.554 N 116.528 W						
DEPTH = 4.3km						
SOUTHERN CALIFORNIA (43)						
<PAS-P>. ML 3.1 (PAS), 2.8 (GS).						
PEC	0.84	219	iPd	43	25.78	-1.3
			iS	43	37.20	
SSK	1.02	251	ePnc	43	29.08	-1.2
			eS	43	42.81	
PLM	1.23	193	iPnd	43	32.85	-1.0
			eS	43	51.59	
ISA	1.94	305	iPnc	43	42.19	-2.3
			iPg	43	46.38	
			eS	44	11.37	
GLA	2.06	136	ePn	43	43.48	-2.7
			iPg	43	48.54	
			eS	44	16.64	
ABL	2.24	278	ePnd	43	46.22	-2.7
			ePg	43	50.85	
TPNV	2.40	5	ePn	43	49.89	-1.3
			iPg	43	54.67	
			eS	44	27.44	
BCH	2.99	283	ePn	43	57.85	-1.6
			ePg	44	03.58	
BONR	3.68	338	ePn	44	09.15	-0.4
			ePg	44	19.18	
ARUT	4.08	37	ePn	44	13.55	-1.4
			ePg	44	27.48	
			eS	45	19.26	
CMB	4.67	319	(P)	44	27.04	3.8
			eS	45	32.26	
11 obs. associated						
SEP 22, 1992 01h 47m 38.93s						
34.122 N 116.856 W						
DEPTH = 2.8km						
SOUTHERN CALIFORNIA (43)						
<PAS-P>. ML 2.9 (PAS).						
PEC	0.34	228	iPc	47	45.53	-0.2
			eS	47	50.57	
SSK	0.70	277	iPc	47	52.18	-0.7
PLM	0.77	180	eP	47	53.40	-0.9
			eS	48	04.38	
GLA	2.00	122	ePn	48	12.77	-1.3
			ePg	48	16.45	
			eS	48	43.13	
ISA	2.03	320	(Pn)	48	13.17	-1.4
			ePg	48	16.54	
			eS	48	41.52	
TPNV	2.86	10	ePn	48	27.25	0.7
			iPg	48	33.00	
			eS	49	10.22	
6 obs. associated						
SEP 22, 1992 03h 36m 08.87±0.49s						
11.580 N ± 4.5km 61.208 W ± 9.8km						
DEPTH = 48.3 ± 14.0 km						
3.9mb (1 obs.)						
WINDWARD ISLANDS (95)						
MD 3.5 (TRN).						
PIG	0.55	139	eP	36	20.24	-0.4
			eS	36	29.47	
TPR	0.58	133	eP	36	20.62	-0.4
			eS	36	29.63	
GRW	0.73	322	eP	36	21.53	-1.6
			eS	36	32.42	
TRN	0.95	192	eP	36	25.21	-0.8
			eS	36	37.29	
			eS	36	25.87	-1.3
TCE	1.03	211	eP	36	25.87	-1.3
			eS	36	38.83	
TBH	1.10	173	eP	36	28.70	0.6
			eS	36	43.75	
TPP	1.28	191	eP	36	32.33	1.7
			eS	36	45.59	
SVB	1.68	359	eP	36	37.21	0.9
			eS	36	57.97	
SLB	2.24	4	eP	36	45.06	0.8
BIM	2.92	3	eP	36	54.20	0.2
			S	37	26.90	
MVM	2.97	6	eP	36	55.79	1.1

-			S	37	28.70	
FDF	3.13	1	eP	36	57.13	0.1
			S	37	31.60	
MGG	4.31	359	eP	37	14.00	0.4
GUAN	4.65	250	iP	37	19.90	1.4
			iS	38	11.50	
DEG	4.71	2	eP	37	18.00	-1.2
MGH	5.20	349	eP	37	26.00	-0.2
YKA	63.39	335	eP	46	34.20	-1.2
	0.5s	0.60nm				3.9mb
S.D. = 1.1 on 17 of 17 obs.						
% SEP 22, 1992 03h 49m 29.84±3.30s						
33.566 S ± 7.2km 71.635 W ± 26.8km						
DEPTH = 39.9 ± 26.3 km						
NEAR COAST OF CENTRAL CHILE (135)						

LHS	23.67	13 eP	30 35.30	-0.5
GBTN	24.27	6 eP	30 40.73	0.1
VVO	25.01	343 ePc	30 48.90	1.1
		e	30 55.90	
CEH	25.43	16 eP-	30 50.93	-0.8
	0.5s	10.57nm		4.7mb
FKO	25.44	340 iPc	30 51.20	-0.7
FNO	25.44	340 iPc	30 50.90	-1.0
TUL	25.56	344 ePc	30 52.10	-0.9
	0.7s	17.50nm		4.8mb
		e	30 54.20	
		e	30 58.00	
JFWS	31.46	356 eP	31 44.48	-1.6
	1.1s	14.46nm		4.7mb
GOL	32.41	333 eP	31 55.43	0.7
	0.8s	2.96nm		4.2mb
		ePcP	34 43.24	
SRU	34.47	327 eP	32 12.39	-0.1
MSU	34.95	325 eP	32 17.93	1.2
RSSD	35.64	339 (P)	32 22.72	0.2
	0.6s	1.84nm		4.2mb
EEO	35.76	10 ePd	32 24.00	0.8
DAU	35.80	328 eP	32 23.93	-0.1
BW06	36.76	332 eP	32 32.00	0.0
	0.9s	2.54nm		4.1mb
HVU	37.59	328 (P)	32 39.02	0.2
ULM	39.34	351 eP	32 53.50	0.3
LRM	40.43	333 eP	33 03.30	0.7
YKA	54.63	345 eP	34 50.80	-2.1
	0.7s	1.60nm		4.2mb
CHG	149.32	348 ePKP	45 01.50	-7.3X
	S.D. = 0.9	on 22 of 23 obs.		
	SEP 22, 1992	06h 49m 00.73±0.40s		
	4.461 S ± 7.5km	76.364 W ± 10.6km		
	DEPTH = 49.3km	(10 depth phases)		
	4.5mb (12 obs.)			
NORTHERN PERU			(111)	
ARE	12.85	159 eP	52 16.00	12.6X
ZOBO	14.27	146 P	52 18.70	-3.6X
	Z 18s	0.24um		
		LR	57 12.00	
SDV	14.44	23 eP	52 25.30	1.2
LPB	14.48	147 P	52 23.00	-1.9
CNCB	14.77	147 P	52 29.30	0.4
TOV	15.59	25 ePd	52 38.80	-0.2
CCH	16.28	143 P	52 49.40	1.4
PRM	38.75	352 eP	56 22.16	0.0
		eP	56 34.65	46km
OLY	42.21	342 eP	56 49.40	-1.2
		epP	57 03.11	52km
ELC	43.23	345 eP	56 57.60	-1.2
		epP	57 10.91	50km
VVO	43.57	337 eP	57 02.10	0.4
TUL	44.10	337 eP	57 06.00	0.1
	0.6s	5.30nm		4.5mb
		e	57 18.70	
FVM	44.20	344 eP	57 05.40	-1.4
	0.8s	14.50nm		4.8mb
		epP	57 18.85	50km
ALQ	48.35	327 ePc	57 41.16	1.3
	0.8s	13.64nm		5.0mb
		epP	57 54.24	48km
TUC	49.05	321 ePc	57 45.47	0.3
	0.7s	3.71nm		4.5mb
		epP	57 58.55	48km
GOL	51.42	331 ePd	58 04.02	0.7
	0.7s	5.67nm		4.7mb
RSSD	54.39	336 eP	58 25.39	0.2
	0.5s	3.11nm		4.6mb
		epP	58 39.22	51km
DAU	54.93	328 eP	58 29.25	-0.2
		epP	58 42.68	49km
DUG	55.62	327 eP	58 34.88	0.7
	0.5s	1.80nm		4.4mb
		epP	58 48.14	48km
BW06	55.80	331 eP	58 34.40	-1.2
	1.0s	4.17nm		4.4mb
TNP	56.79	322 eP	58 43.00	0.3
	0.9s	2.87nm		4.3mb
BONR	57.39	321 (P)	58 48.55	1.5
HAI	57.59	329 eP	58 48.06	0.0
		epP	59 02.08	51km
LRM	59.46	331 eP	58 59.60	-1.6
NEW	63.44	331 ePd	59 27.50	-0.2
RMW	65.30	328 eP	59 39.59	-0.3

[illegible]

22d 14h

WMO	27.65	63 P	11 34.00	1.0	4.9mb	4.4MsZ	ROB	34.74	297 P	12 43.75	-0.1	FLN	40.32	305 eP	13 30.00	-0.5
Z	16s	0.78um	11 56.50	11 42.50	11 56.50	11 42.50	IM1	34.74	297 P	12 43.54	-0.4	Z	22s	0.15um	13 32.40	-0.3
GKN	28.18	98 P	11 46.10	-0.4	5.2mb	5.4mb	D1X	35.02	300 ePd	12 46.30	-0.2	GRR	40.58	304 eP	13 33.50	-0.4
DMN	28.73	98 P	11 51.42	-0.1	5.4mb	5.4mb	ENR	35.07	297 P	12 45.80	-0.9	LPF	40.73	304 eP	13 36.00	0.6
KKN	28.79	98 P	11 51.42	-0.6	5.4mb	5.4mb	SBF	35.07	297 eP	12 46.60	-0.2	LZH	40.86	75 iPc	13 36.00	0.6
PKI	28.99	98 P	11 53.62	-0.4	5.4mb	5.4mb	STV	35.13	297 P	12 46.11	-1.2	Z	20s	0.45um	13 48.00	44km
SOI	29.12	285 Pc	12 04.50	9.8X	5.4mb	5.4mb	RSP	35.14	299 P	12 44.77	-2.7	EGRA	40.91	295 eP	13 30.50	-4.9X
GUN	29.22	97 P	11 55.60	-0.5	5.4mb	5.4mb	BHB	35.15	298 P	12 44.88	-2.5	ESY	41.74	316 eP	13 42.90	0.8
SGO	29.44	290 P	12 07.50	10.0X	5.4mb	5.4mb	CDP	35.17	305 eP	12 46.30	-1.2	EDR	41.78	317 eP	13 53.50	11.1X
VBY	29.51	300 eP	11 58.10	-0.1	5.4mb	5.4mb	LSO	35.21	299 P	12 48.26	0.1	ECHE	41.92	291 eP	13 44.00	0.2
HYB	29.63	123 ePc	11 59.10	-0.4	5.4mb	5.4mb	PZZ	35.28	298 P	12 46.82	-1.8	EBL	41.97	316 eP	13 44.60	0.6
KSP	29.75	311 iPd	11 59.70	-0.5	5.4mb	5.4mb	BSF	35.47	303 eP	12 49.80	-0.3	EDU	42.01	317 eP	13 44.90	0.6
NUR	30.09	332 iP	12 02.90	-0.2	5.4mb	5.4mb	RRL	35.49	298 P	12 49.49	-1.0	EKA	42.01	315 Pd	13 44.90	0.6
KAF	30.60	336 eP	12 06.70	-0.9	5.4mb	5.4mb	LPG	35.49	299 eP	12 49.90	-0.7	EBH	42.26	316 eP	13 47.00	0.6
PRU	30.64	309 eP	12 07.50	-0.6	5.4mb	5.4mb	LPL	35.50	299 eP	12 49.80	-0.8	ELO	42.39	317 eP	13 47.80	0.4
GEC2	30.97	306 ePc	12 11.00	-0.1	5.4mb	5.4mb	BNI	35.56	299 Pd	12 50.60	-0.4	ECRI	42.44	296 eP	13 47.50	-0.6
KHC	31.10	307 eP	12 11.40	-0.8	5.4mb	5.4mb	FRF	35.67	296 eP	12 51.20	-0.5	CD2	42.46	82 Pd	13 49.30	0.9
Z	20s	0.50um	12 21.50	36km	5.4mb	5.4mb	HAU	35.77	304 eP	12 51.70	-0.9	EAB	42.72	316 eP	13 50.40	0.3
N	20s	0.50um	12 21.50	36km	5.4mb	5.4mb	WTS	35.79	311 eP	12 54.50	1.8	EVIA	43.31	290 eP	13 55.00	-0.3
E	20s	0.50um	12 21.50	36km	5.4mb	5.4mb	LRG	35.88	296 eP	12 52.90	-0.6	DLF	43.97	312 eP	14 10.30	10.1X
BRG	31.20	310 eP	12 14.60	1.6	5.4mb	5.4mb	NB2	35.93	327 P	12 52.80	-1.0	KMI	44.01	90 Pd	14 01.00	-0.3
ASS	31.31	295 P	12 15.10	1.0	5.4mb	5.4mb	WLF	35.98	307 P	12 55.00	0.8	GUD	44.05	294 eP	14 01.00	-0.3
FVI	31.32	302 P	12 13.90	-0.2	5.4mb	5.4mb	KEV	36.26	345 eP	12 55.00	-1.4	CHG	44.10	101 iPc	14 01.60	-0.2
BHG	31.36	304 eP	12 14.80	0.3	5.4mb	5.4mb	GTA	36.99	71 iPc	13 04.00	0.9	EBAN	44.40	290 eP	14 03.50	-0.6
WET	31.55	307 iPc	12 17.00	0.8	5.4mb	5.4mb	DOU	37.01	307 Pd	13 04.40	1.5	BCO	44.41	66 eP	14 05.00	0.8
GBA	31.68	129 P	12 18.00	0.5	5.4mb	5.4mb	MOY	37.23	50 iPc	13 06.80	2.1	ECOG	44.48	289 eP	14 05.50	-1.3
CRE	31.81	296 P	12 19.50	0.9	5.4mb	5.4mb	LBF	37.38	302 eP	13 05.50	-0.6	EGUA	44.61	288 eP	14 05.00	-0.7
CLL	31.88	311 iPc	12 19.30	0.4	5.4mb	5.4mb	LOR	37.45	303 eP	13 06.20	-0.5	BCAO	44.65	233 iPc	14 05.30	-0.9
PGD	31.98	296 P	12 21.60	1.5	5.4mb	5.4mb	SMF	37.48	301 eP	13 06.60	-0.4	BDT	45.02	102 ePc	14 08.20	-0.9
FIR	32.31	296 eP	12 23.00	0.2	5.4mb	5.4mb	SSF	37.70	302 eP	13 08.40	-0.4	CIT	45.05	50 eP	14 09.00	-0.1
UPP	32.57	327 iP	12 23.90	-0.9	5.4mb	5.4mb	AVF	37.81	302 eP	13 09.30	-0.4	BOD	45.20	41 iPc	14 09.60	-0.5
MOX	32.61	309 eP	12 25.50	0.2	5.4mb	5.4mb	BGF	38.17	301 eP	13 12.40	-0.3	XAN	45.45	76 P	14 15.00	2.5
GRF	32.71	307 eP	12 26.30	0.1	5.4mb	5.4mb	NRI	38.31	19 iPd	13 14.40	0.8	HHC	45.48	66 eP	14 13.40	0.6
Z	22s	0.20um	12 37.60	42km	5.4mb	5.4mb	Z	18s	1.20um	13 24.00	32km	EHOR	45.61	290 eP	14 12.50	-1.1
MME	32.71	297 P	12 27.50	1.0	5.4mb	5.4mb	E	18s	0.50um	13 24.00	32km	EPLA	45.62	293 eP	14 13.50	-0.3
LSA	32.75	90 eP	12 27.20	-0.2	5.4mb	5.4mb	MAF	38.38	301 eP	13 14.60	0.1	VAL	46.32	310 iP	14 30.20	11.2X
PII	32.85	296 P	12 26.60	-0.8	5.4mb	5.4mb	ZAK	38.61	52 iPc	13 18.00	1.7	GYA	46.59	86 iPc	14 20.80	-0.8
UER	32.96	49 iPc	12 27.80	-0.5	5.4mb	5.4mb	Z	16s	0.70um	13 18.00	1.7	NST	46.80	103 eP	14 23.00	-0.2
OSS	33.14	302 ePd	12 30.50	0.3	5.4mb	5.4mb	E	17s	0.79um	13 18.00	1.7	EVAL	46.82	290 eP	14 22.50	-0.7
APA	33.15	347 eP	12 33.30	3.5X	5.4mb	5.4mb	TCF	38.62	301 eP	13 16.80	0.2	TIY	46.99	70 eP	14 25.00	0.3
BOB	33.60	298 P	12 37.30	3.2X	5.4mb	5.4mb	CAF	38.83	299 eP	13 18.30	-0.1	Z	24s	0.41um	14 30.20	11.2X
VDL	33.60	301 ePd	12 34.40	0.2	5.4mb	5.4mb	LSF	39.10	301 eP	13 20.30	-0.2	DAG	50.72	344 iPd	14 52.30	-0.5
LLS	33.94	302 ePd	12 36.50	-0.6	5.4mb	5.4mb	RJF	39.18	300 eP	13 21.50	0.3	TIA	51.03	70 eP	14 55.70	0.0
TMA	34.00	301 ePd	12 37.10	-0.6	5.4mb	5.4mb	IRK	39.33	49 eP	13 22.20	-0.2	TIK	51.63	23 iPc	14 59.00	-0.8
PGF	34.02	294 eP	12 37.10	-0.7	5.4mb	5.4mb	Z	16s	0.51um	13 26.00	0.0	YAK	52.72	35 eP	15 06.50	-1.6
PCP	34.25	298 P	12 39.13	-0.5	5.4mb	5.4mb	LFF	39.77	299 eP	13 26.00	0.0	IPM	54.41	114 ePc	15 19.00	-2.1
SLE	34.32	303 ePd	12 39.20	-1.0	5.4mb	5.4mb	LDF	40.09	305 eP	13 28.00	-0.6	CN2	54.53	58 eP	15 21.00	-0.7
HFS	34.44	326 eP	12 40.40	-0.6	5.4mb	5.4mb	MFF	40.23	302 eP	13 29.30	-0.5	Z	18s	0.71um	15 31.50	4.8MsZ
MMK	34.63	300 ePd	12 42.80	-0.4	5.4mb	5.4mb		1.3s	58.10nm	13 29.30	-0.5	TIC	60.25	255 P	16 00.60	-1.9

LIC	60.52 255 Pc	16 00.36 -3.9X	DIS	17.03 142 iPd	19 06.20 1.1	GUN	54.03 312 P	24 30.20 -0.9
	0.8s 20.00nm	5.3mb		eS	22 03.00		0.5s 53.00nm	5.9mb
LIC	60.52 255 Pc	16 02.40 -1.8	ASPA	17.12 163 iPd	19 06.20 0.0	PKI	54.19 312 P	24 30.80 -1.4
	0.8s 23.00nm	5.4mb		0.4s 196.60nm	5.6mb		0.5s 35.00nm	5.6mb
KDS	62.50 265 iP	16 15.50 -2.1	Z	18s 0.40um	5.0msz	KKN	54.41 312 P	24 32.58 -1.1
YSS	64.53 49 eP	16 29.80 -0.7		eS	21 57.80		0.5s 45.00nm	5.7mb
	1.0s 30.00nm	5.3mb	KKM	18.04 317 ePd	19 23.00 5.2X	DMN	54.44 311 P	24 32.86 -1.1
ILT	69.18 18 iPd	16 58.00 -1.6	WARB	18.91 185 eP	19 29.00 0.6	GBA	54.79 292 P	24 34.70 -1.7
	i	17 09.50 38km		0.3s 19.00nm	4.9mb	GKN	55.00 312 P	24 36.96 -1.0
MNI	74.79 100 eP	17 35.05 1.3		eS	22 47.00		0.5s 78.00nm	6.0mb
IMA	75.91 11 iPd	17 39.25 -0.3	NANU	19.71 218 eP	19 37.90 0.8	HYB	55.12 297 eP	24 36.50 -2.3X
	0.8s 13.50nm	5.0mb		0.3s 15.00nm	4.8mb		1.5s 116.60nm	5.7mb
FBA	77.82 9 iPd	17 50.26 0.3	MEEK	21.46 205 eP	19 55.00 -0.1	CIT	60.39 349 eP	25 16.30 1.0
	0.8s 24.17nm	5.3mb		0.3s 16.00nm	4.9mb	ZAK	61.44 342 iPd	25 22.30 0.0
TTA	78.43 13 eP	17 53.84 0.4	PGP	21.95 340 ePd	20 05.00 5.0X		1.8s 51.00nm	5.4mb
	1.0s 7.53nm	4.7mb	FORT	23.41 181 eP	20 15.00 0.8	WMO	62.82 328 P	25 32.50 0.7
	e	18 04.86 36km		0.5s 33.00nm	5.1mb		1.0s 28.00nm	5.3mb
JAO	79.79 332 eP	18 02.50 1.6		eS	24 32.00	MOY	63.29 341 iPd	25 35.20 0.6
SVW	80.19 14 eP	18 04.30 1.3	OLP	24.35 144 iPd	20 24.10 0.7		1.3s 100.00nm	5.8mb
CPKM	80.64 12 (P)	18 05.97 0.4		eS	24 55.00	BOD	65.92 352 eP	25 51.30 -0.3
LMN	80.72 321 ePd	18 11.10 5.1X	COOL	24.50 195 eP	20 24.70 -0.2		1.1s 34.00nm	5.3mb
TOA	80.72 9 eP	18 07.40 1.6		0.5s 20.00nm	4.9mb	YAK	69.07 1 eP	26 10.50 -0.7
PMR	80.82 10 ePd	18 06.20 0.0	MRWA	24.84 207 eP	20 28.00 -0.1		1.2s 55.00nm	5.4mb
	0.9s 51.17nm	5.5mb		0.5s 20.00nm	4.9mb		e	39 40.00
Z	20s 0.34um	4.7msz		eS	25 02.00	UKR	69.15 332 iPd	26 11.00 -0.9
YKA	80.98 354 eP	18 07.00 0.0	BAL	25.74 204 eP	20 36.00 -0.5		1.6s 102.00nm	5.5mb
	1.0s 15.20nm	4.9mb		eS	25 22.00	MAW	74.18 201 P	26 43.09 1.3
PMS	81.08 11 eP	18 08.20 0.5	KLB	26.22 201 eP	20 40.40 -0.6	NR1	81.37 347 iPd	27 19.80 -1.5
	1.1s 57.90nm	5.5mb		0.3s 9.00nm	4.8mb		1.3s 37.00nm	5.2mb
KLU	81.35 9 eP	18 09.75 0.7		e	21 10.50	SPA	82.79 180 iPd	27 29.20 0.2
BALM	82.20 7 ePd	18 14.02 0.4		eS	25 36.00		0.6s 5.28nm	4.7mb
KDC	83.91 13 eP	18 23.50 1.3	RMQ	27.13 137 eP	20 49.60 0.2	ILT	83.63 18 iP	27 32.00 -0.9
RSNY	86.38 325 P	18 50.00 15.1X	MUN	27.15 203 eP	20 48.70 -0.7		1.4s 29.00nm	5.1mb
Z	21s 0.08um	4.1msz		eS	25 57.00	ARU	85.12 328 ePd	27 40.00 -0.6
JFWS	94.20 334 P	19 20.00 8.4X	RKG	29.18 200 eP	21 08.00 0.2		1.5s 120.00nm	5.8mb
Z	20s 0.16um	4.5msz	IPM	29.86 292 ePd	21 14.00 -0.1	VBY	111.40 316 ePKP	33 37.90 -1.4
NEW	95.29 353 ePd	19 17.29 0.7		0.9s 54.70nm	5.3mb	GEC2	111.68 320 ePKP	33 38.70 -1.1
	1.0s 20.50nm	5.5mb	BRS	30.49 134 iPd	21 19.50 0.0		0.6s 1.97nm	
	eP	19 27.29 31km		e	21 57.00	BSF	116.38 320 ePKP	33 47.60 -1.3
CEH	95.32 323 P	19 30.00 13.2X	SNG	31.31 297 eP	21 27.60 0.8		0.6s 5.50nm	
Z	20s 0.11um	4.3msz	ARMA	31.63 140 eP	21 30.00 0.4	LPL	117.18 318 ePKP	33 49.20 -1.5
RSSD	97.18 343 P	19 40.00 14.5X		e	22 29.00		0.5s 5.25nm	
Z	20s 0.13um	4.4msz	BWA	32.67 149 eP	21 40.00 1.4	BW06	118.10 45 ePKP	33 51.29 -1.3
PMG	99.07 95 eP	19 17.50 -16.5X	CAN	33.67 149 eP	21 47.70 0.5	LOR	118.44 320 ePKP	33 53.20 0.5
	1.1s 126.58nm			eScP	27 57.60	LBF	118.47 320 ePKP	33 51.30 -1.5
GOL	101.69 343 Pd diff	20 00.00 14.3X	LOE	36.08 313 eP	22 09.00 1.1		0.5s 2.60nm	
Z	19s 0.19um	4.6msz	BDT	38.00 310 eP	22 25.00 0.9	SSF	118.74 320 ePKP	33 52.50 -0.8
CTA	104.39 104 iPd diff	19 56.50 -1.3		0.8s 33.70nm	5.3mb		0.5s 5.90nm	
	1.5s 69.44nm	6.3mb X	CHG	39.01 312 iPd	22 34.00 1.4	AVF	118.94 320 ePKP	33 52.40 -1.2
	iS	22 50.00		1.1s 37.34nm	5.1mb		0.5s 2.20nm	
CMB	105.73 354 Pd diff	20 10.00 6.6X	GYA	39.66 328 P	22 39.40 1.4	BGF	119.35 320 ePKP	33 53.80 -0.7
Z	19s 0.18um	4.6msz		ScP	28 21.80		0.6s 11.00nm	
ALO	106.48 342 PKP	24 30.00 12.0X	WHN	39.97 341 P	22 42.70 2.4	PV10	119.72 50 ePKP	33 56.50 0.7
Z	19s 0.17um	4.6msz		0.8s 23.00nm	5.1mb	MFF	121.22 321 ePKP	33 57.20 -0.8
ISA	107.90 352 PKP	24 40.00 19.5X	NJ2	40.16 347 eP	22 43.00 1.2		0.6s 7.50nm	
Z	20s 0.21um	4.7msz	KMI	40.82 323 Pd	22 50.00 2.4	RSSD	121.42 42 ePKP	33 56.88 -1.9
TUC	109.99 345 PKP	24 40.00 15.4X		1.6s 40.00nm	4.9mb	GOL	122.06 47 ePKP	34 00.20 0.0
Z	18s 0.12um	4.5msz		pP	23 02.50 46km	ALO	122.63 53 ePKP	34 01.13 -0.2
ZOBO	124.19 275 PKP	24 52.20 -0.6	MAT	44.50 11 eP	23 17.00 -0.3	KIC	133.61 272 PKP	34 22.40 -0.3
LPB	124.29 274 ePKP	24 53.00 0.3		0.8s 15.67nm	4.8mb		e	37 37.00
CNCB	124.35 274 PKP	24 53.40 0.4	TIA	44.54 347 eP	23 14.00 -3.6X	LIC	133.88 272 PKP	34 22.80 -0.4
SPA	126.15 180 iPKP	24 54.50 0.0	CD2	44.75 329 eP	23 20.80 1.4	TIC	133.90 272 PKP	34 23.00 -0.3
	1.0s 14.00nm		XAN	45.07 337 P	23 21.30 -0.6		e	37 38.00
	S.D. = 1.0 on 206 of 250 obs.			0.8s 38.00nm	5.3mb	RSTA	148.28 184 ePKP	35 04.50 16.2X
	SEP 22, 1992 14h 15m 08.78 ± 0.19s		YAMJ	46.45 13 P	23 32.80 0.2	CNCB	151.05 146 PKP	34 53.90 0.4
	7.254 S ± 3.2km 128.529 E ± 5.4km		TIY	47.19 343 P	23 38.80 0.2		i	35 00.00
	DEPTH = 49.2km (2 depth phases)		OFUJ	47.68 14 P	23 43.40 1.0	LPB	151.20 145 ePKP	35 00.00 6.4X
	5.2mb (37 obs.)		BJI	48.42 347 eP	23 48.50 0.5	ZOBO	151.38 145 PKP	34 54.00 -0.1
BANDA SEA	(280)			1.1s 41.00nm	5.4mb	CCH	151.55 149 PKP	34 57.00 3.1X
			Z	20s 0.30um	4.3msz		S.D. = 1.0 on 82 of 91 obs.	
TLE	4.49 69 ePd	16 16.00 0.0	LZH	48.96 333 P	23 53.50 1.0		SEP 22, 1992 14h 21m 37.33 ± 0.44s	
MTN	6.12 155 iPd	16 43.00 4.8X		1.8s 130.00nm	5.7mb		43.476 N ± 3.3km 0.624 W ± 5.9km	
SWI	6.91 23 ePd	17 01.50 11.5X	Z	20s 0.45um	4.5msz		DEPTH = 10.0km (geophysicist)	
	eS	18 19.00		sP	24 18.00	PYRENEES	(378)	
KNA	8.45 178 eP	17 12.50 1.1	HHC	50.35 343 eP	24 03.60 0.6		ML 3.0 (LDG).	
	0.2s 243.00nm	6.8mb X		1.0s 11.00nm	4.8mb	OGE	0.33 160 Pg	21 43.97 -0.1
W82	13.82 156 iPd	18 22.60 -1.3	CN2	50.89 357 eP	24 07.80 0.9	MADF	0.36 203 Pg	21 44.73 0.0
	0.4s 91.50nm	5.9mb		0.8s 2.00nm	4.2mb X		Sg	21 50.04
MBL	16.18 210 eP	18 55.10 0.7	LSA	51.38 317 iPd	24 11.80 0.3	ATE	0.39 188 Pg	21 45.05 -0.4
	0.4s 32.00nm	4.8mb	MDJ	51.64 1 eP	24 12.50 -0.1		Sg	21 51.14
				1.5s 23.00nm	5.0mb	ESCF	0.40 175 Pg	21 45.46 -0.1
			GTA	53.50 332 iPd	24 27.00 0.3		Sg	21 50.77
				1.0s 47.00nm	5.5mb			

22d 14h

ELVF	0.41	221	Pg	21	46.24	0.6
ISSF	0.47	196	Pg	21	46.83	0.0
			Sg	21	53.81	
BOH	0.47	217	Pg	21	47.09	0.2
JAU	0.48	157	Pg	21	46.81	-0.2
			Sg	21	53.79	
LHE	0.56	180	Pg	21	48.20	-0.6
EPF	0.83	122	Pg	21	54.40	0.9
			Sg	22	06.00	
LFF	1.76	33	Pg	22	13.40	5.3X
			Sg	22	37.20	
LPO	1.78	47	Pg	22	13.20	4.9X
			Sg	22	37.80	
RJF	2.39	39	Pn	22	18.00	0.9
			Pg	22	24.80	
			Sn	22	46.80	
CAF	2.42	52	Pn	22	18.90	1.3
			Pg	22	25.30	
			Sn	22	47.10	
			Sg	22	57.40	
MFF	3.14	6	Pn	22	28.40	0.6
			Pg	22	37.60	
			Sn	23	05.50	
			Sg	23	18.30	
LSF	3.17	28	Pn	22	27.90	-0.3
			Sn	23	04.70	
			Sg	23	19.70	
TCF	3.46	35	Pn	22	31.10	-1.2
			Pg	22	44.80	
			Sn	23	12.90	
			Sg	23	29.50	
MAF	3.56	38	Pn	22	33.20	-0.6
			Pg	22	47.10	
			Sn	23	15.20	
			Sg	23	33.10	
BGF	3.94	37	Pn	22	38.10	-1.1
			Sn	23	22.40	
			Sg	23	43.30	

S.D. = 0.7 on 17 of 19 obs.

SEP 22, 1992 14h 44m 26.04±0.81s
 41.217 N ± 7.2km 21.922 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 1.8 (THE). ML 1.5 (SKO).

GRG	0.45	126	ePg	44	35.26	0.1
VAY	0.50	78	iPg	44	35.80	-0.4
			iSg	44	43.40	
FNA	0.60	224	ePg	44	38.74	0.6
			eSg	44	46.26	
KNT	0.74	94	ePg	44	40.54	0.0
			eSg	44	51.26	
SKO	0.84	335	ePg	44	42.00	-0.2
			iSg	44	56.60	
SDH	1.15	110	ePg	44	48.74	1.1
			eSg	45	03.58	
LIT	1.20	159	ePg	44	47.14	-1.2

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

SEP 22, 1992 14h 55m 41.71±0.82s
 39.093 N ± 6.7km 27.571 E ± 8.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM	0.74	199	iPg	55	56.00	-0.2
			iSg	56	07.50	
DST	0.97	58	iPn	56	00.60	0.5
			eSg	56	15.60	
EZN	1.21	308	ePn	56	04.60	0.4
EDC	1.27	10	ePn	56	05.20	-0.1
BNT	1.29	12	iPn	56	05.20	-0.4
KCT	1.30	27	iPn	56	05.70	-0.1

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

SEP 22, 1992 15h 01m 13.05s
 66.596 N 147.099 W
 DEPTH = 11.2km
 NORTHERN ALASKA (676)
 <AEIC>. ML 3.0 (AEIC).

GLM	1.62	184	eP	01	41.48	-0.2
			S	02	02.76	
FBA	1.73	190	P	01	45.40	2.3
CCB	1.98	189	eP	01	46.31	-0.5
			S	02	13.64	

MLY	2.17	225	eP	01	49.06	-0.6
			S	02	18.39	
WRH	2.17	191	eP	01	49.42	-0.2
NEA	2.19	203	eP	01	49.03	-0.8
HDA	2.20	178	eP	01	49.58	-0.4
DJE	2.65	166	P	01	53.50	-2.9
IMA	2.71	262	eP	01	56.21	-1.1

9 obs. associated

SEP 22, 1992 15h 22m 47.78±0.82s
 47.938 N ± 6.7km 8.913 E ± 6.7km
 DEPTH = 10.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.9 (LDG). 2.4 (STR).

SLE	0.33	239	iPc	22	56.90	2.3
ZLA	0.58	218	iPc	23	00.80	1.3
FEL	0.61	264	ePg	23	01.10	0.9
BBS	1.06	244	Pg	23	07.15	-0.6
WLS	1.15	295	Pg	23	09.28	0.0
			Sg	23	25.70	
CDF	1.19	294	Pg	23	10.49	0.4
			Sg	23	26.89	
MOF	1.20	267	Pn	23	09.21	-1.0
ECH	1.21	284	Pg	23	10.64	0.3
			Sg	23	28.93	
LANF	1.28	325	Pg	23	11.28	-0.2
			Sg	23	29.70	
BSF	1.43	267	Pn	23	11.90	-2.0
			Pg	23	17.40	
			Sn	23	30.20	
			Sg	23	37.20	
VDL	1.50	165	ePc	23	14.30	-0.6
LOMF	1.53	248	Pn	23	13.53	-1.7
TOD	1.67	358	ePg	23	18.14	0.9
HAU	1.73	273	Pg	23	21.90	3.9X
			Sg	23	45.80	
KHC	3.32	67	ePn	23	41.00	0.1
			ePg	23	50.50	
			eSn	24	12.40	
			eSg	24	29.50	

S.D. = 1.3 on 14 of 15 obs.

SEP 22, 1992 17h 19m 21.69±1.30s
 38.192 N ± 11.1km 20.378 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 3.7mb (1 obs.)
 GREECE (364)
 ML 3.7 (ATH). 3.2 (TIR). MD 3.4 (THE).

VLS	0.17	95	iPg	19	25.50	0.0
IGT	1.34	358	ePb	19	47.80	1.5
			eSb	20	08.12	
KEK	1.58	344	ePb	19	50.30	0.5
SRN	1.71	350	ePn	19	52.70	1.1
AGG	1.74	61	ePb	19	52.80	0.7
			eSb	20	15.76	
KZN	2.37	27	ePn	20	02.90	1.6X
VLO	2.37	344	ePn	20	09.50	8.3X
VLI	2.51	125	ePb	20	10.00	6.8X
LIT	2.52	40	ePn	20	04.00	0.7
			eSn	20	35.28	
BERA	2.53	353	ePn	20	03.40	0.0
			iSn	20	35.80	
ATH	2.64	94	ePg	20	14.00	8.9X
FNA	2.70	16	ePn	20	06.72	0.7
			eSn	20	41.60	
OHR	2.93	6	ePn	20	06.50	-2.7X
PAIG	3.10	55	ePn	20	11.32	-0.2
			eSn	20	48.36	
GRG	3.17	29	ePn	20	12.92	0.3
TIR	3.18	353	iPnc	20	12.50	-0.1
			iSn	20	51.50	
SOI	3.41	269	P	20	20.00	4.0X
			eSg	20	48.00	
TDS	3.47	296	P	20	18.00	1.1
LACI	3.48	352	ePn	20	15.80	-1.1
PHP	3.49	1	iPnc	20	16.50	-0.6
SOH	3.49	40	ePn	20	17.24	0.1
			eSn	20	58.84	
OUR	3.52	51	ePn	20	17.44	-0.1
KNT	3.55	32	ePn	20	17.92	0.0
VAY	3.55	28	iPn	20	14.40	-3.6X
SRS	3.83	39	ePn	20	21.40	-0.6
			eSn	21	07.44	
SKO	3.86	12	i(Pn)	20	22.00	-0.4

-			i	20	32.60	
SDA	3.91	350	ePn	20	21.80	-1.3
BCI	4.18	357	ePn	20	26.80	0.0
HVAR	5.81	330	ePn	20	46.60	-3.3X
VBY	8.24	334	ePn	21	20.00	-4.1X
HFS	22.37	351	eP	24	19.00	-2.1
	0.4s		1.30nm			3.7mb

S.D. = 0.9 on 22 of 31 obs.

SEP 22, 1992 17h 33m 29.90s
 40.330 N 124.542 W
 DEPTH = 16.0km
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.1 (BRK). 3.3 (GS).
 Felt (IV) at Rio Dell. Also felt
 at Ferndale, Fortuna and
 Petrolia.

FOX	0.46	65	iPc	33	39.34	0.2
			iS	33	45.76	
EKR	0.48	40	iPd	33	39.47	0.0
			iS	33	46.38	
FHC	0.63	42	iPd	33	41.81	-0.4
			iS	33	50.30	
WDC	1.55	80	eP	33	55.05	-1.8
LTCM	1.85	93	eP	33	59.01	-2.3
MIN	2.24	89	eP	34	02.96	-4.1
			e	34	26.20	
LBFM	2.25	62	eP	34	05.93	-1.4
ORV	2.46	107	eP	34	07.83	-2.2
			eS	34	35.98	
SAO	4.31	145	eP	34	35.35	-0.9

9 obs. associated

SEP 22, 1992 17h 38m 45.44±0.81s
 7.313 S ± 7.4km 147.813 E ± 11.3km
 DEPTH = 65.9 ± 7.7 km
 4.6mb (3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

FINC	0.69	4	iPc	39	00.20	0.0
LAT	1.03	309	iPd	39	03.00	-1.4
YYYY	2.12	300	eP	39	19.40	0.0
PMG	2.18	197	eP	39	21.00	0.9
			eS	39	52.00	
MDG	2.88	315	eP	39	34.40	4.5X
MNDI	4.28	285	eP	39	51.00	1.1
WWKK	5.55	311	eP	40	11.60	4.1X
RMQ	19.09	177	iPc	43	06.10	0.3
	0.6s		16.00nm			4.4mb
OLP	19.46	190	iPc	43	09.40	-0.4
	0.6s		51.00nm			5.0mb
BRS	20.52	167	iPc	43	20.50	-0.3
ASPA	21.04	218	iPd	43	26.20	0.1
	0.5s		14.10nm			4.6mb
WARB	27.54	225	eP	44	28.00	-0.1
MEEK	33.75	232	eP	45	22.30	-0.7
KLB	37.00	225	eP	45	49.50	-1.0
MRWA	37.04	230	eP	45	50.70	-0.1
KKN	69.71	303	P	49	51.30	0.4
GKN	70.32	303	P	49	55.80	1.2

S.D. = 0.8 on 15 of 17 obs.

SEP 22, 1992 18h 07m 37.70s
 39.705 N 120.210 W
 DEPTH = 10.0km
 NORTHERN CALIFORNIA (36)
 <BRK>. ML 3.1 (BRK). 3.3 (GS).
 Felt (III) at Loyalton and
 Sierraville. Felt (II) at
 Colpine.

ORV	1.01	262	iPc	07 55.81	-1.0
			iS	08 09.37	
MIN	1.25	301	iPc	08 00.06	-0.9
			iS	08 17.73	
LTCM	1.55	289	(P)	08 05.59	0.2
CMB	1.67	185	eP	08 06.62	-0.6
			eS	08 27.26	
KVN	1.76	111	iPc	08 08.96	0.3
			eS	08 32.76	
WDC	1.99	297	ePd	08 12.43	0.7
			eS	08 39.12	
LBFM	2.08	323	ePd	08 14.76	1.5
			eS	08 42.22	
ZSP	2.38	223	eP	08 19.17	1.9
			eS	08 48.04	

22d 18h

BKS	2.42	222	eP	08	20.07	2.2
FRI	2.74	172	eP	08	23.21	0.7
			iS	09	00.42	
PCC	2.78	218	iPc	08	25.76	2.7
			eS	08	59.67	
TNP	2.84	124	eP	08	25.67	1.5
GCC	3.02	208	ePd	08	35.83	9.5
SAO	3.09	199	iPd	08	28.27	0.8
PRS	3.49	196	iPc	08	33.79	0.7
PRI	3.58	186	eP	08	39.22	4.8
PKEM	3.64	179	(P)	08	34.69	-0.6
TPNV	4.16	130	(P)	08	45.59	2.9
			(S)	09	49.23	
ISA	4.26	161	ePn	08	45.52	1.3

19 obs. associated

? SEP 22, 1992 18h 27m 10.08±21.07s
33.510 S ±16.7km 73.161 W ±168.km
DEPTH = 33.0km (normal)
OFF COAST OF CENTRAL CHILE (134)
MD 3.7 (SAN).

LCCH	1.33	89	iP	27	32.39	-0.1
			iS	27	49.77	
LVN	1.52	107	iP	27	35.14	-0.1
			iS	27	54.69	
TACH	1.86	95	iPd	27	40.07	-0.2
			iS	28	03.23	
ROCH	1.88	74	iPd	27	40.70	0.0
			iS	28	05.39	
PEL	2.10	81	iP	27	44.61	0.9
			iS	28	11.12	
CHCH	2.13	102	iPd	27	44.24	0.1
			iS	28	10.82	
PCH	2.21	94	iPd	27	45.41	0.1
			iS	28	12.46	
CACH	2.22	107	iP	27	46.45	1.1
			iS	28	14.22	
JACH	2.31	70	iPd	27	46.68	0.0
			iS	28	15.26	
FCH	2.41	86	iPd	27	49.15	0.8
			iS	28	18.99	

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

& SEP 22, 1992 18h 52m 33.31s
35.115 N 116.723 W
DEPTH = 7.3km
CENTRAL CALIFORNIA (39)
<PAS>P>. ML 4.1 (PAS), 4.1 (GS).
Felt (IV) at Fort Irwin, (III)
at Redlands and (II) at Doggett.
Also felt at Barstow and Yermo.

PEC	1.27	197	iPd	52	56.42	-0.8
			S	53	12.21	
PLM	1.76	184	iPnd	53	03.51	-1.0
			Pg	53	05.75	
TPNV	1.87	12	ePn	53	05.28	-0.8
			Pg	53	08.27	
GLA	2.59	142	ePnd	53	12.94	-3.4
BCH	2.76	272	ePn	53	16.69	-2.1
PKEM	2.92	290	ePn	53	25.68	4.7
			Pg	53	32.00	
TNP	2.99	352	ePn	53	20.72	-1.4
FRI	3.06	309	ePc	53	21.61	-1.3
			eS	54	09.55	
PHAM	3.08	285	(Pn)	53	21.25	-2.1
BONR	3.11	336	ePnc	53	22.93	-0.9
			Pg	53	31.37	
PRI	3.37	289	eP	53	28.00	0.5
ARUT	3.76	44	iPnd	53	31.85	-1.2
			Pg	53	41.88	
PRS	3.97	289	eP	53	33.14	-2.8
			eS	54	33.25	
KVN	4.08	345	(Pn)	53	36.34	-1.3
SAO	4.17	295	iPd	53	36.69	-2.0
GCC	4.68	296	eP	53	43.10	-2.9
MSU	4.98	46	ePnd	53	49.42	-1.1
			Pg	54	04.34	
ORV	5.84	321	ePc	54	07.56	5.2
ORV	5.84	321	(Pn)	54	02.61	0.2
DUG	5.94	30	(Pn)	54	04.74	0.8
			Pg	54	23.59	
SRU	6.36	49	Pn	54	09.63	-0.3
			Pg	54	29.23	
MIN	6.50	325	eP	54	02.13	-9.7
EMUT	6.64	43	Pn	54	14.69	0.8

LTCM	6.65	321	(Pn)	54	15.51	1.7
DAU	6.83	38	Pn	54	17.48	0.8
			Pg	54	41.25	
			Sg	56	08.93	
HVU	7.34	24	(Pn)	54	18.19	-5.4
LBFM	7.43	328	ePn	54	26.97	2.0
ALO	8.42	88	(Pn)	54	41.69	2.9
			ePg	55	11.69	
			eS	56	56.48	
PTI	8.45	22	(Pn)	54	47.17	8.0
HMAI	8.84	21	(Pn)	54	47.86	3.4

30 obs. associated

* SEP 22, 1992 19h 18m 33.16±0.78s
17.165 N ±20.2km 94.080 W ±12.0km
DEPTH = 72.7 ± 13.9 km
CHIAPAS, MEXICO (61)

SCX	1.45	107	eP	18	58.00	0.1
OXX	2.53	269	iP	19	12.92	-0.1
			iS	19	42.92	
TPX	2.85	142	(P)	19	17.14	-0.1
			(S)	19	42.50	
IISM	3.62	301	eP	19	27.16	-0.9
			(S)	20	08.50	
IIT	4.42	295	iP	19	39.82	0.2
PPM	4.72	294	iP	19	44.72	0.8
			(S)	20	33.50	
SVA	92.89	252	iPd	31	39.60	0.0

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

SEP 22, 1992 19h 24m 08.71±0.46s
49.149 N ± 4.1km 6.934 E ± 4.8km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.5 (STR). MD 2.4 (UCC).

RUP	0.56	8	ePg	24	19.78	-0.3
LANF	0.60	106	Pn	24	20.67	-0.1
SRBF	0.65	111	Pn	24	21.19	-0.5
HOFF	0.71	107	Pn	24	23.43	0.8
WLF	0.73	316	iP	24	23.00	0.0
			iS	24	33.00	
CDF	0.77	163	Pn	24	24.80	1.0
			Sg	24	38.08	
WLS	0.79	159	Pn	24	23.95	-0.1
ECH	0.95	171	Pn	24	26.84	0.1
			Sg	24	42.11	
VITF	1.12	214	Pg	24	29.22	-0.6
MOF	1.30	174	Pn	24	32.98	0.1
FEL	1.46	150	Pn	24	34.49	-0.8
DOU	1.79	303	iP	24	40.40	0.5
			iS	25	01.80	
GRF	2.85	77	e(Pg)	25	04.00	8.9X
			eSg	25	40.40	

S.D. = 0.6 on 12 of 13 obs.

SEP 22, 1992 20h 17m 37.49±0.33s
49.140 N ± 3.1km 6.819 E ± 4.4km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 3.1 (STR), 2.9 (BNS), 2.9
(GRF), 2.8 (GSH). MD 3.3 (UCC).

RUP	0.58	16	ePg	17	48.71	-0.6
LANF	0.67	103	Pn	17	50.10	-0.7
WLF	0.68	321	iPd	17	51.00	0.0
SRBF	0.72	108	Pn	17	51.65	0.1
HOFF	0.78	104	Pn	17	52.36	-0.3
CDF	0.79	157	Pg	17	52.19	-0.7
ECH	0.95	166	Pn	17	55.55	-0.1
VITF	1.08	211	Pn	17	57.80	0.0
			Sg	18	13.72	
MOF	1.31	171	Pn	18	01.40	-0.3
			Sg	18	20.43	
BSF	1.31	181	Pn	18	01.66	-0.1
			Sg	18	20.43	
FEL	1.49	147	Pn	18	03.72	-0.7
			Sg	18	24.95	
MEM	1.56	341	iPd	18	04.96	-0.3
GSH	1.62	350	ePgc	18	05.70	-0.5
			eSg	18	24.80	
ENN	1.73	341	iPn	18	07.80	0.1
	0.6s	32.00nm				
			iPg	18	10.10	
			eSn	18	30.00	

DOU	1.74	304	P	18	08.20	0.4
			iS	18	11.10	
			iS	18	40.30	
SLE	1.77	140	eP	18	08.30	-0.1
LOMF	1.79	180	Pn	18	08.31	-0.4
			Sg	18	35.33	
BNS	1.84	7	i(Pn)d	18	11.76	2.4
	0.6s	92.00nm				
			iSg	18	34.16	
ZLA	1.96	147	eP	18	15.50	4.3X
SNF	2.14	311	P	18	12.70	-1.0
			iP	18	21.80	
LLS	2.70	146	eP	18	23.30	1.3
WTS	2.86	360	e(Pn)	18	30.00	6.1X
	0.6s	4.00nm				
GRF	2.93	77	e(Pn)	18	32.30	7.4X
			ePg	18	35.50	
			eSg	19	09.30	
DIX	3.09	172	eP	18	27.70	0.3
VDL	3.20	145	eP	18	30.10	1.1
OSS	3.32	136	eP	18	31.80	1.1
MOX	3.45	62	ePg	18	48.80	16.5X
			eSg	19	24.80	
KHC	4.44	88	Pn	18	45.40	-1.0
			Pg	19	05.00	
			Sn	19	35.00	
			eSg	19	58.40	

S.D. = 0.8 on 24 of 28 obs.

* SEP 22, 1992 20h 23m 26.60±0.56s
7.364 S ± 7.0km 130.408 E ±11.5km
DEPTH = 33.0km (normal)
4.8mb (6 obs.)
TANIMBAR ISLANDS REG., INDONESIA(281)

TLE	2.89	54	iPd	24	10.00	-1.3
MTN	5.49	173	eP	24	47.00	-1.3
	0.3s	248.00nm				6.2mb X
			eS	25	48.00	
SWI	6.51	8	iPc	25	04.00	1.3
			eS	26	14.00	
KNA	8.49	191	eP	25	28.00	-2.3
	0.2s	30.00nm				6.1mb X
			eS	26	57.00	
WB2	13.08	163	iPd	26	26.70	-6.1X
	0.7s	34.30nm				5.5mb
OIS	15.85	147	eP	27	03.50	-5.6X
	0.2s	12.00nm				4.7mb
			eS	29	50.00	
ASPA	16.55	169	eP	27	13.80	-4.2X
	0.3s	32.50nm				4.9mb
Z	21s	0.50um				5.7mszX
			eS	30	07.70	
			eScP	35	26.80	
MBL	17.11	216	eP	27	21.50	-3.4X
CTA	19.90	131	iP	27	59.00	0.6
			i	28	16.00	
			e(S)	30	30.00	
NANU	20.82	222	eP	28	09.00	1.1
OLP	23.20	147	eP	28	33.00	1.4
MRWA	25.63	210	eP	28	55.30	0.4
TOO	33.04	158	eP	30	03.00	1.8
BDT	39.51	308	eP	30	56.00	-0.2
CHG	40.49	310	eP	31	04.90	0.6
MAT	44.28	9	eP	31	34.00	-1.0
	0.8s	5.97nm				4.5mb
BJI	48.97	346	eP	32	17.50	5.7X
LZH	49.91	332	eP	32	17.50	-1.9
	1.5s	19.00nm				4.9mb
GTA	54.48	331	Pc	32	53.50	0.0
	1.0s	9.00nm				4.8mb
			pP	33	00.00	21kmX
WMO	63.92	327	P	33	59.50	0.8
CNCB	149.87	143	PKP	43	20.00	8.4X
LPB	150.02	142	ePKP	43	20.00	16.3X
ZOBO	150.19	142	PKP	43	20.00	7.8X
	1.0s	9.50nm				

S.D. = 1.4 on 15 of 23 obs.

*

22d 20h

STV	0.39	124	P	41	22.25	0.1
			S	41	23.65	
ENR	0.45	121	P	41	29.25	-0.2
			S	41	24.62	
RRL	0.46	352	P	41	31.99	0.1
			S	41	25.16	
BHB	0.47	36	P	41	32.42	-0.3
			S	41	24.83	
			S	41	32.04	

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

SEP 22, 1992 21h 50m 34.48±1.07s
 36.125 N ± 5.7km 8.544 W ± 10.4km
 DEPTH = 10.0km (geophysicist)
 WEST OF GIBRALTAR (384)
 mbLg 3.5 (MDD). MD 3.4 (RBA).

CNIL	2.03	82	iP	51	10.00	0.9
EVAL	2.05	44	iPnd	51	09.90	0.5
			eSn	51	35.00	
GIBL	2.20	71	iP	51	12.00	0.3
PLAT	2.26	89	iP	51	13.00	0.6
ALJ	2.43	76	iP	51	15.00	0.0
OJEN	2.44	90	eP	51	17.00	2.0
EJIF	2.51	82	ePn	51	16.40	0.5
			eSn	51	45.30	

RBA	2.53	146	iPn	51	17.00	0.7
			i	51	39.00	
			i	51	40.50	
			i	51	42.00	
			iSn	51	43.00	

LIS	2.63	350	eP	51	19.30	1.6
			iS	51	49.70	

EPRU	2.80	72	ePn	51	20.80	0.7
			eSn	51	51.90	

AVE	2.97	161	iPnd	51	23.80	1.3
			iSn	51	54.00	
			i	51	55.50	

EHOR	3.14	56	ePn	51	24.35	-0.5
			eSn	52	00.50	

ELUO	3.72	66	iPnd	51	32.67	-0.6
			eSn	52	14.50	

IFR	3.83	132	iPn	51	33.00	-1.9
			iSn	52	14.00	
			i	52	15.00	

EGUA	4.07	79	iPnd	51	38.50	0.3
			eSn	52	23.00	

ECOG	4.16	72	iPnd	51	39.51	0.0
			eSn	52	25.00	

EBAN	4.31	60	ePn	51	40.68	-1.0
			eSn	52	28.00	

EPLA	4.39	26	ePn	51	41.86	-0.8
			eSn	52	30.90	

TIO	5.29	168	iPn	51	54.00	-1.7
			i	52	47.00	
			iSn	52	50.00	

EVIA	5.43	61	ePn	51	56.00	-1.5
			eSn	52	54.90	

GUD	5.68	36	ePn	51	59.65	-1.4
			eSn	53	03.20	

S.D. = 1.2 on 21 of 21 obs.

SEP 22, 1992 22h 16m 34.82±0.85s
 3.997 S ± 14.6km 151.427 E ± 11.2km
 DEPTH = 33.0km (normal)
 4.4mb (2 obs.)

NEW IRELAND REGION, P.N.G. (190)

RAB	0.76	105	iPd	16	49.00	-0.1
	0.4s	2847.46nm				
			iS	17	08.00	

PMG	6.84	218	eP	18	15.00	-0.5
			eS	19	40.00	

WB2	22.98	225	eP	21	34.20	-3.6X
	0.5s	6.30nm				4.4mb

ASPA	25.86	219	eP	22	07.10	1.7
	0.5s	5.10nm				4.4mb

WARB	32.41	225	eP	23	03.00	-1.1
KKN	71.02	301	P	27	51.60	-0.5

DMN	71.12	301	P	27	52.50	-0.3
GKN	71.62	301	P	27	56.40	0.7

S.D. = 1.1 on 7 of 8 obs.

SEP 22, 1992 22h 29m 22.07±1.11s
 31.222 S ± 6.5km 71.541 W ± 13.7km
 DEPTH = 70.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)

MD 4.0 (SAN).

TLL	1.23	31	iPd	29	44.00	-0.0
			iS	29	58.10	

JACH	1.66	151	iP	29	49.59	-0.2
			iS	30	09.12	

ROCH	1.80	166	iPd	29	51.82	0.0
			iS	30	13.30	

PEL	2.05	159	iP	29	54.97	-0.1
			iS	30	18.82	

LCCH	2.25	181	iP	29	58.06	0.3
FCH	2.35	154	iPd	29	59.48	0.0

ZON	2.47	98	eP	30	01.00	0.1
			eS	30	26.00	

TACH	2.48	168	iPd	30	01.13	0.2
			iS	30	29.72	

PCH	2.55	160	iP	30	01.99	0.0
			iS	30	31.19	

LNv	2.73	178	iP	30	04.07	-0.3
			iS	30	35.26	

CHCH	2.81	165	iP+	30	05.41	-0.2
			iS	30	37.18	

CACH	2.99	165	iP+	30	08.40	0.1
			iS	30	43.41	

S.D. = 0.2 on 12 of 12 obs.

? SEP 22, 1992 22h 29m 35.49±6.11s
 47.432 N ± 49.1km 7.510 E ± 13.2km
 DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)

FEL	0.56	37	ePg	29	46.90	0.0
BSF	0.63	310	Pg	29	47.30	-0.9
			Sg	29	54.40	

HAU	0.97	307	Pg	29	54.80	0.8
			Sg	30	06.20	

CDF	0.99	351	Pg	29	54.50	0.1
			Sg	30	05.90	

S.D. = 1.2 on 4 of 4 obs.

SEP 22, 1992 23h 13m 36.82±0.33s
 41.167 N ± 3.2km 19.792 E ± 3.7km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)

MD 3.3 (ATH), 2.8 (THE). ML 2.9

(TTG), 2.6 (TIR).

LACI	0.47	352	iPg	13	44.50	-1.9
			iSg	13	52.50	

BERA	0.48	166	ePg	13	45.70	-0.8
			iSg	13	53.60	

PHP	0.71	43	iPg	13	48.50	-2.4
			iSg	14	00.20	

VLO	0.73	198	ePg	13	51.20	0.0
			iSg	14	04.50	

OHR	0.76	94	iPg	13	50.50	-1.3
			iSg	14	03.70	
			Lg	14	06.80	

TPE	0.89	169	ePg	13	55.70	1.9
ULC	0.89	333	iPg	13	52.80	-1.2
			iSg	14	05.61	

SDA	0.91	346	ePg	13	56.00	1.8
			iSg	14	01.20	

BCI	1.22	10	ePn	14	01.20	1.7
FNA	1.26	107	ePb	14	00.46	0.2
			eSb	14	18.88	

SRN	1.30	173	ePn	14	03.70	2.9X
			iSn	14	20.70	

TTG	1.32	343	iPg	14	01.21	0.0
			iSg	14	20.26	

BDV	1.33	327	iPg	14	00.43	-0.9
			iSg	14	19.45	

PVY	1.43	5	iPg	14	03.62	0.7
			iSg	14	25.46	

KEK	1.45	180	ePb	14	03.80	0.7
			eSn	14	26.40	

SKO	1.47	56	iPn	14	04.10	0.7
			iSg	14	25.30	

HGY	1.60	323	iPg	14	05.31	0.1
			iSg	14	27.93	

IGT	1.68	166	ePb	14	08.00	1.6
			eSb	14	31.08	

IVA	1.71	3	iPnd	14	08.23	1.4
			iSn	14	32.61	

KZN	1.73	119	ePn	14	08.50	1.3
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NKY 1.75 340 iPnd 14 08.23 0.8

BRY 1.97 332 iSnc 14 11.06 0.4

BRT 1.98 262 P 14 11.10 0.4

GRG 1.98 95 ePnd 14 11.21 0.4

VAY 2.10 85 iPn 14 12.30 -0.2

PLE 2.18 352 iPnd 14 14.73 1.0

LIT 2.31 117 ePn 14 15.40 -0.2

KNT 2.34 89 ePn 14 15.96 -0.1

THE 2.46 101 ePn 14 17.88 0.2

SOH 2.72 96 ePn 14 21.48 0.1

SRS 2.87 90 ePn 14 23.16 -0.3

AGG 2.89 137 ePn 14 23.52 -0.3

VLS 3.05 168 ePn 14 24.50 -1.5

PAIG 3.21 111 ePn 14 27.12 -1.1

OUR 3.29 103 ePn 14 28.88 -0.5

SGO 3.45 261 P 14 30.60 -1.1

PMO

33.27

79 iP

-09 06.40

-0.2

1.0s

40.00nm

5.0mb

VAH

33.42

79 iP

09 07.40

-0.4

1.0s

25.00nm

4.8mb

TPT

33.53

79 iP

09 08.60

-0.1

1.0s

80.00nm

5.3mb

RUV

33.66

79 iP

09 09.60

-0.2

1.0s

55.00nm

5.1mb

OIS

35.85

270 eP

09 28.10

0.2

0.4s

7.00nm

4.6mb

ASPA

40.29

263 iPc

10 04.20

0.3

0.6s

56.40nm

5.2mb

eS

15 28.70

WB2

40.77

268 iPd

10 07.50

-0.2

0.3s

86.50nm

5.7mb

iS

15 34.50

WRA

40.78

268 P

10 07.80

0.0

FORT

44.37

251 iPd

10 34.80

-1.0

KNA

47.11

272 eP

10 56.60

-0.3

COOL

50.26

250 eP

11 18.00

-2.1

GUA

50.48

316 eP

11 21.20

-0.5

1.0s

144.00nm

5.4mb

KLB

53.01

248 eP

11 38.00

-1.8

0.3s

11.00nm

4.7mb

MBL

53.52

262 iPd

11 42.50

-1.0

0.3s

7.00nm

4.6mb

BAL

54.07

249 eP

11 46.00

-1.3

MUN

54.25

248 iPd

11 47.90

-0.6

MRWA

54.94

251 eP

11 52.30

-1.1

NANU

56.96

259 iPc

12 07.10

-0.2

SPA

64.85

180 iPd

12 59.60

1.4

0.8s

70.00nm

5.1mb

MAT

72.19

327 eP

13 42.00

-0.1

1.0s

11.00nm

4.3mb

MAW

75.90

201 P

14 03.09

0.8

ADK

76.97

3 eP

14 08.21

0.1

1.3s

675.71nm

5.9mb

BONR

86.56

45 eP

14 58.43

1.2

BDT

87.96

290 eP

15 19.80

16.1X

0.8s

51.90nm

BMW

88.86

36 eP

15 09.53

2.1

SLKM

89.28

15 iPc

15 09.43

0.4

CPKM

89.50

14 eP

15 09.68

-0.6

CRP

89.52

14 eP

15 09.48

-0.8

MSU

90.88

47 ePc

15 19.23

2.1

KAF

138.66

340 ePKP

21 25.50

-9.1X

0.3s

1.70nm

NUR

140.41

340 ePKP

21 33.20

-4.6X

0.5s

7.40nm

UPP

142.93

344 iPKP

21 39.20

-3.0X

NB2

143.19

350 PKP

21 40.80

-1.9X

1.0s

50.00nm

HFS

143.58

347 ePKP

21 41.30

-2.0X

0.5s

30.70nm

HRI

146.52

293 ePKP

21 53.00

3.8X

ADI

146.96

292 ePKP

21 53.90

4.1X

ZNT

147.17

291 ePKP

21 54.80

4.7X

SAGI

147.53

287 ePKP

21 55.30

4.5X

EKA

149.98

2 PKP

22 00.00

6.3X

0.6s

5.70nm

MLR

150.00

319 ePKPd

22 00.00

5.7X

QJC

150.07

332 iPKP

22 00.70

6.7X

KSP

150.98

336 iPKPd

22 03.10

7.7X

0.7s

33.00nm

i

22 07.40

i

22 13.10

COZ

151.03

320 ePKPc

22 03.50

7.6X

BCAO

151.57

226 iPKPd

22 04.70

7.4X

0.2s

32.00nm

id

22 07.90

ic

22 16.00

CLL

151.69

340 iPKPd

22 04.20

7.9X

1.0s

27.00nm

i

22 16.20

PSZ

151.71

328 ePKP

22 04.20

7.6X

BRG

151.77

339 iPKPd

22 04.30

7.8X

0.6s

20.00nm

PRU

152.32

337 PKPd

22 05.50

8.2X

KHC

153.38

337 ePKP

22 07.50

8.6X

e

22 24.00

GEC2

153.57

337 ePKP

21 58.60

-0.6

0.8s

0.84nm

S.D. = 1.0

on 45 of 66 obs.

% SEP 23, 1992 00h 13m 13.79±2.35s

17.508 N ±21.7km

102.095 W ±16.2km

DEPTH = 33.0km (normal)

NEAR COAST OF MICHIOACAN, MEXICO (.56)

ACX

2.23

106 eP

13 49.00

-0.2

iS

14 24.00

MRX

2.35

21 iP

13 46.92

-3.9X

iS

14 17.00

CGX

2.54

330 iP

13 53.31

-0.4

iS

14 21.90

III

2.65

71 eP

13 55.00

-0.3

iS

14 28.00

UNM

3.31

56 (P)

14 05.00

0.3

(S)

14 44.00

IIA

3.65

63 (P)

14 12.92

3.6X

(S)

15 05.34

IIT

3.90

67 iP

14 11.00

-2.2

AGX

4.35

357 (P)

14 20.00

0.7

IISM

4.72

71 (P)

14 26.00

1.5

OXX

5.15

94 (P)

14 31.50

0.6

S.D. = 1.3

on 8 of 10 obs.

? SEP 23, 1992 00h 53m 35.14±0.89s

6.281 S ±8.2km

26.506 E ±17.9km

DEPTH = 10.0km (geophysicist)

ZAIRE (567)

mbLg 3.9 (BUL).

LWI

4.62

30 iPd

54 46.90

0.0

iS

55 32.00

KRI

10.92

164 IPn

56 14.40

-0.3

iSn

58 08.00

iSg

59 09.90

BCAO

13.29

323 ePc

56 46.50

0.0

0.2s

8.00nm

5.4mb

iS

59 10.00

Lg

00 43.70

BUL

13.93

172 IPn

56 55.40

0.3

iSn

59 25.90

iLg

00 52.00

S.D. = 0.4

on 4 of 4 obs.

& SEP 23, 1992 01h 12m 05.00s

34.262 N

116.402 W

DEPTH = 6.0km (geophysicist)

SOUTHERN CALIFORNIA (.43)

<PAS-P>. MD 2.5 (PAS).

PEC

0.73

240 iPc

12 18.66

-0.9

S

12 28.70

PLM

0.98

203 ePd

12 23.49

-0.7

S

12 37.06

SSK

1.07

268 eP

12 24.42

-1.2

S

12 39.99

GLA

1.78

132 ePn

12 34.47

-2.1

Pg

12 38.05

S

13 03.08

4 obs. associated

? SEP 23, 1992 01h 44m 47.06±4.09s

18.507 N ±33.5km

66.117 W ±21.7km

DEPTH = 33.0km (normal)

PUERTO RICO REGION (.90)

SJG

0.39

185 P

44 56.80

0.7

CPD

0.50

158 P

44 57.30

-0.5

APR

0.58

265 P

45 00.00

1.1

CLLP

0.61

226 P

45 00.00

0.8

S

45 14.00

PORP

0.67

228 P

45 00.00

-0.1

S

45 15.00

LRS

0.72

253 P

45 00.00

-0.8

S

45 16.00

MGP

1.05

242 P

45 04.20

-1.3

S.D. = 1.1

on 7 of 7 obs.

SEP 23, 1992 01h 54m 22.77±0.72s

44.803 N ±4.9km

7.221 E ±9.0km

DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (.545)

ML 1.7 (GEN).

BHB

0.05

38 P

54 25.88

0.9

S

54 27.31

PZZ

0.31

196 P

54 30.49

1.2

S

54 34.80

RRL

0.33

291 P

54 29.98

0.2

S

54 34.49

RSP

0.35

4 P

54 30.18

0.1

S

54 30.18

ENR

0.59

166 P

54 35.00

-1.5

S

54 33.36

S

54 42.18

LSD

0.66

356 P

54 35.92

-0.1

S

54 43.82

LPG

0.77

335 Pg

54 37.40

-0.6

Sg

54 47.10

LPL

0.79

334 Pg

54 38.00

-0.3

Sg

54 47.70

S.D. = 1.0

on 8 of 8 obs.

& SEP 23, 1992 02h 03m 20.59s

63.994 N

148.922 W

DEPTH = 129.6km

CENTRAL ALASKA (.1)

<AEIC>.

MCK

0.26

181 ePc

03 38.46

1.4

eS

03 52.63

NEA

0.59

353 ePd

03 40.06

-0.3

eS

03 54.64

RND

0.59

177 iPc

03 39.78

-0.7

WRH

0.60

37 ePc

03 40.36

-0.1

CCB

0.82

36 iPc

03 41.89

-0.2

TRF

0.82

229 iPc

03 41.87

-0.5

eS

03 57.99

HDA

0.96

63 eP

03 43.04

-0.3

eS

04 00.19

KTH

0.99

244 iPd

03 43.30

-0.5

eS

04 00.57

FBA

1.03

28 ePc

03 43.81

-0.2

eS

04 01.04

HUR

1.07

198 ePc

03 43.65

-0.8

eS

04 01.44

GLM

1.20

33 ePc

03 45.47

-0.3

eS

04 04.21

MLY

1.30

324 iPd

03 46.42

-0.5

DDM

1.37

97 eP

03 47.63

0.0

DJE

1.43

87 eP

03 47.60

-0.6

THY

1.53

111 eP

03 49.36

0.0

PAX

1.86

122 eP

03 52.67

-0.7

SDG

2.12

132 eP

03 55.43

-1.1

SML

2.21

173 eP

03 56.21

-1.4

GHO

2.23

180 ePc

03 56.54

-1.4

eS

04 25.71

TOA

2.27

145 eP

03 58.49

0.0

SCM

2.29

161 ePc

03 57.17

-1.5

SKT

2.35

212 ePc

03 57.80

-1.5

PWA

2.39

191 eP

03 58.83

-1.1

PLRM

2.41

182 eP

03 58.79

-1.3

KNK

2.60

175 eP

04 01.23

-1.4

SUA

2.67

199 eP

04 03.53

-0.1

PMS

2.78

186 ePc

04 03.84

-1.1

KLU

2.87

150 eP

04 04.24

-1.9

eS

04 39.54

NCG

3.00

211 ePc

04 06.60

-1.3

CGLM

3.05

209 eP

04 07.40

-1.1

VLZ

3.11

156 eP

04 06.65

-2.6

PTE

3.14

181 eP

04 08.32

-1.3

SPU

3.17

209 eP

04 08.92

-1.2

BGL

3.17

212 eP

04 09.63

-0.6

CKL

3.22

211 eP

04 09.80

-1.0

GLI

3.24

164 eP

04 08.64

-2.3

8KG

3.32

209 eP

04 10.90

-1.2

TTA

3.36

255 ePd

04 11.01

-1.6

FID

3.45

160 ePd

04 11.76

-2.0

GLB

3.48

135 eP

04 13.36

-0.8

MPA

3.52

184 ePc

04 12.71

-2.0

SLKM

3.55

190 ePc

04 13.51

-1.7

KNIM

3.70

171 eP

04 14.22

-2.9

HIN

3.78

161 eP

04 15.81

-2.5

RDT

3.80

207 ePd

04 16.99

-1.5

DFR

3.84

209 eP

04 17.67

-1.4

SGAM

3.91

152 eP

04 17.88

-2.1

SEW

3.91

184 eP

04 17.67

-2.2

LTJ

4.00

172 eP

04 18.33

-2.8

BALM

4.25

131 eP

04 23.15

-1.5

HMT

4.27

147 eP

04 22.35

-2.5

WAX

4.55

139 eP

04 26.68

-1.9

52 obs. associated

? SEP 23, 1992 02h 40m 05.17±0.88s

6.296 S ±8.1km

26.607 E ±18.0km

DEPTH = 10.0km (geophysicist)

ZAIRE (567)

mbLg 3.6 (BUL).

23d 02h

LWI 4.59 29 iPd 41 16.40 0.0
 KRI 10.87 165 iSn 42 44.00 -0.1
 BAO 13.36 323 iPd 43 17.50 0.0
 0.2s 12.00nm 5.6mb
 BUL 13.90 172 iPd 43 17.00 0.1
 iSn 45 54.90
 iLg 47 24.90
 S.D. = 0.2 on 4 of 4 obs.

SEP 23, 1992 02h 41m 36.15 ± 0.45s
 46.720 N ± 4.6km 1.060 E ± 4.2km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 3.2 (LDG).

LSF 0.57 145 Pg 41 48.10 0.4
 MFF 0.84 262 Pg 41 52.30 0.0
 TCF 0.90 118 Pg 41 53.70 0.2
 MAF 1.15 115 Pn 41 58.20 0.5
 HYF 1.21 63 Pg 41 58.90 0.2
 BGF 1.24 97 Pn 41 59.50 0.3
 RJF 1.45 167 Pn 42 02.80 0.4
 AVF 1.58 87 Pn 42 03.80 -0.4
 SSF 1.71 78 Pn 42 05.60 -0.6
 LFF 1.79 187 Pn 42 08.00 0.6
 SMF 1.92 91 Pg 42 10.90 1.8
 CAF 1.93 158 Pn 42 09.20 -0.1
 LPF 1.94 313 Pn 42 08.90 -0.5
 LOR 1.99 73 Pn 42 09.20 -1.1
 LBF 2.02 81 Pn 42 09.70 -1.0
 LDF 2.04 337 Pn 42 10.00 -0.9
 LPO 2.04 177 Pn 42 10.90 0.0
 GRR 2.12 323 Pg 42 14.10 2.1
 FLN 2.29 334 Pg 42 17.90 3.3X
 EPF 3.72 188 Pn 42 33.30 -1.7
 HAU 3.82 68 Pg 42 46.50 10.2X
 BSF 4.06 72 Pg 43 33.80 11.3X
 CDF 4.54 66 Pg 43 00.60 14.1X
 S.D. = 1.0 on 19 of 23 obs.

* SEP 23, 1992 02h 49m 06.05 ± 0.68s

13.167 N ± 11.1km 89.874 W ± 9.1km
 DEPTH = 33.0km (normol)
 4.5mb (12 obs.) 3.8msz (2 obs.)
 EL SALVADOR (73)

TPX 2.89 307 (P) 49 49.30 -1.5
 SCX 4.44 323 (P) 50 21.50 8.7X
 OXX 7.67 301 (P) 51 04.50 5.9X
 IISM 9.24 310 (P) 51 23.80 3.7X
 IIT 9.98 307 (P) 51 25.00 -5.5X
 MRX 12.65 302 (P) 52 10.70 4.2X
 PWLA 21.78 4 eP 53 57.93 1.0
 PRM 21.91 17 eP 53 59.07 0.8
 OLY 22.28 357 eP 54 01.58 -0.4
 JSC 22.43 19 eP 54 04.49 1.1
 VVO 22.70 348 eP 54 09.70 3.6X
 LHS 22.76 20 eP 54 07.42 0.8
 GBTN 22.98 12 eP 54 10.11 1.3
 FKO 23.02 344 iPc 54 09.30 0.1
 TUL 23.26 348 eP 54 12.30 0.7
 0.6s 14.30nm 4.7mb
 Z 22s 0.30um 3.7msz
 ELC 24.02 1 eP 54 19.48 0.6
 CEH 24.62 21 eP 54 25.97 1.2
 0.4s 17.54nm 5.0mb
 FVM 24.72 359 eP 54 24.50 -1.2
 0.5s 8.67nm 4.6mb
 ALO 26.37 328 eP 54 41.00 -0.4
 0.7s 1.83nm 3.8mb
 TUC 27.01 318 eP 54 47.27 0.1
 0.8s 7.06nm 4.3mb
 JFWS 29.64 359 eP 55 08.43 -2.3
 1.0s 16.96nm 4.8mb
 GOL 29.75 335 eP 55 11.40 -0.7
 0.8s 5.38nm 4.4mb
 PLM 31.75 314 eP 55 29.85 0.2
 MSU 32.07 326 ePc 55 32.40 -0.1
 ARUT 32.28 324 eP 55 34.61 0.4
 DAU 33.00 329 eP 55 40.06 -0.5
 EEO 34.59 13 eP 55 55.50 1.6
 HVU 34.78 329 eP 55 56.20 0.4
 PHAM 35.54 315 eP 56 03.63 1.5
 ZOBO 36.31 143 P 56 17.00 7.5X
 Z 20s 0.23um 4.0msz
 LPB 36.52 143 eP 56 24.00 12.9X
 CMB 36.72 318 eP 56 12.09 -0.1
 0.9s 5.66nm 4.4mb
 CNCB 36.81 143 eP 56 24.00 10.3X
 ULM 37.30 354 ePd 56 21.00 4.2X
 LRM 37.74 334 eP 56 19.70 -1.2
 0.8s 58.38.20
 ORV 38.30 319 eP 56 26.41 1.1
 CCH 38.35 142 (P) 56 34.00 7.7X
 LBFM 39.57 321 (P) 56 36.21 0.0
 VGB 41.53 327 (P) 56 54.30 2.3
 JAO 42.06 13 eP 56 54.50 -1.7
 BAO 50.35 123 e(P) 58 03.00 0.6
 YKA 52.32 346 eP 58 14.10 -2.5
 0.5s 4.50nm 4.7mb
 PDCR 56.43 115 (P) 58 56.00 8.7X
 TIC 83.52 85 P 01 32.80 0.1
 LIC 83.61 85 P 01 32.80 -0.3
 KIC 83.85 85 P 01 34.20 -0.2
 NB2 83.88 29 P 01 32.10 -1.6
 0.8s 2.70nm 4.5mb
 HFS 85.32 29 eP 01 39.00 -1.8
 0.8s 5.40nm 4.8mb
 CLL 87.71 38 e(P) 01 51.00 -1.7
 GEC2 88.92 40 eP 01 57.20 -1.5
 0.6s 0.53nm 4.0mb
 CHG 147.05 345 ePKP 08 47.10 1.2
 LOE 147.53 339 ePKP 08 47.80 1.2
 BDT 148.54 344 ePKP 08 49.30 1.1
 GBA 150.58 26 PKP 08 56.30 4.9X
 S.D. = 1.2 on 41 of 54 obs.

* SEP 23, 1992 03h 34m 36.61s
 36.147 N 118.118 W

DEPTH = 0.1km
 CENTRAL CALIFORNIA (39)
 <PAS> ML 3.0 (PAS), 2.6 (GS).

ISA 0.56 211 ePn 34 47.00 -0.8
 FRI 1.53 304 iPd 35 03.15 -2.1
 ABL 1.58 215 eP 35 04.97 -1.1
 PKEM 1.61 268 (P) 35 04.97 -1.5
 TPNV 1.70 61 ePn 35 06.13 -1.8
 BCH 1.87 240 ePn 35 08.69 -1.5
 PHAM 1.88 261 ePn 35 08.96 -1.3
 SSK 1.96 170 ePn 35 10.44 -1.2
 PRI 2.06 271 eP 35 13.00 0.0
 PEC 2.38 160 ePn 35 14.52 -3.1
 CMB 2.61 317 ePn 35 19.73 -1.2
 PRS 2.64 275 eP 35 20.05 -1.1
 SAO 2.75 284 iPc 35 21.89 -1.0
 PLM 2.97 159 (Pn) 35 25.79 -0.3
 S 36 12.35
 14 obs. associated

* SEP 23, 1992 04h 02m 17.11s
 36.177 N 118.119 W
 DEPTH = 6.7km
 CENTRAL CALIFORNIA (39)
 <PAS> ML 2.8 (PAS).

ISA 0.59 209 eP 02 27.68 -1.2
 FRI 1.52 303 iPc 02 43.92 -0.8
 ABL 1.60 215 iPc 02 45.72 -0.4
 PKEM 1.62 266 ePn 02 44.21 -1.9
 TPNV 1.69 62 ePn 02 46.80 -0.6
 BONR 1.78 355 eP 02 48.78 0.0
 PHAM 1.88 260 eP 02 50.30 0.3
 BCH 1.88 239 eP 02 49.51 -0.6
 SSK 1.99 170 eP 02 50.94 -0.8
 TNP 2.03 20 ePn 02 49.98 -2.4
 PRI 2.06 270 iPc 02 52.92 0.2
 CMB 2.59 316 eP 02 59.33 -0.9
 PRS 2.63 274 ePc 03 00.63 -0.2
 SAO 2.74 283 eP 03 02.36 -0.1
 PLM 3.00 159 (P) 03 05.26 -0.9
 15 obs. associated

* SEP 23, 1992 04h 09m 46.61s
 36.155 N 118.111 W
 DEPTH = 1.8km
 CENTRAL CALIFORNIA (39)
 <PAS> ML 3.0 (PAS), 2.9 (GS).

ISA 0.57 211 ePnd 09 57.17 -0.9
 FRI 1.53 303 iPd 10 13.21 -1.9
 ABL 1.59 215 ePc 10 15.17 -0.9
 PKEM 1.62 267 ePn 10 15.93 -0.4
 TPNV 1.70 62 ePn 10 14.92 -2.6
 BONR 1.80 355 ePn 10 18.08 -1.2
 BCH 1.88 240 eP 10 18.94 -1.2
 PHAM 1.88 261 eP 10 19.53 -0.6
 SSK 1.97 170 ePn 10 20.69 -0.9
 TNP 2.05 20 ePn 10 20.79 -2.0
 PRI 2.07 270 ePc 10 21.68 -1.2
 PEC 2.39 161 ePn 10 26.92 -0.6
 CMB 2.61 317 ePn 10 29.83 -0.8
 PRS 2.64 275 iPd 10 29.83 -1.2
 SAO 2.76 284 eP 10 31.66 -1.0
 PLM 2.98 159 ePn 10 35.29 -0.7
 ARUT 4.08 65 ePn 10 49.02 -2.6
 17 obs. associated

* SEP 23, 1992 04h 18m 17.62 ± 0.95s
 60.464 N ± 5.9km 5.158 E ± 12.5km

DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.3 (BER). ML T.4 (NAO).

ASK	0.03	43	eP	18	18.64	-0.9
			eS	18	20.34	
EGD	0.20	170	eP	18	21.02	-0.9
			eS	18	24.35	
SUE	0.63	342	eP	18	29.95	-0.2
			eS	18	39.41	
HYA	0.87	35	eP	18	34.93	0.7
			eS	18	48.13	
KMY	1.26	178	eP	18	41.85	0.9
			eS	18	58.24	
NRA0	3.16	82	Pn	19	08.31	0.0
			Pg	19	13.76	
			Sn	19	45.83	
			Lg	19	56.83	

S.D. = 1.0 on 6 of 6 obs.

? SEP 23, 1992 04h 31m 36.54±2.82s
34.732 S ±28.2km 70.619 W ±16.8km
DEPTH = 110.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.8 (SAN).

CACH	0.61	1	iPd	31	54.63	0.0
			iS	32	08.39	
CHCH	0.80	358	iPd	31	56.01	-0.1
			iS	32	10.44	
LVN	1.01	320	iP+	31	58.17	0.0
			iS	32	13.93	
TACH	1.11	346	iPd	31	59.22	0.0
			iS	32	15.82	
PCH	1.11	5	iPd	31	59.34	0.0
			iS	32	16.38	
FCH	1.43	11	iP+	32	03.21	0.0
			iS	32	23.33	
LCCH	1.48	328	iP+	32	03.42	-0.1
			iS	32	23.13	
PEL	1.59	358	iP+	32	04.82	0.0
			iS	32	25.99	
ROCH	1.79	349	iP	32	07.56	0.0
			iS	32	29.96	
JACH	2.05	1	iP	32	10.71	0.0
			iS	32	36.75	

S.D. = 0.0 on 10 of 10 obs.

& SEP 23, 1992 04h 32m 16.87s
45.975 N 118.390 W
DEPTH = 5.9km
OREGON (32)
<SEA>. MD 2.8 (SEA). Felt in the
Wallo Wallo, Washington area.

LNOR	0.13	145	Pc	32	19.93	0.3
ET3	0.71	328	P	32	30.50	-0.6
WIW	0.77	307	P	32	31.97	-0.3
MJ2	0.89	311	Pd	32	33.99	-0.4
RSW	0.93	297	P	32	34.72	-0.4
PRW	0.93	285	P	32	35.19	0.1
OT2	0.95	322	P	32	35.37	0.0
GBL	0.97	310	Pd	32	35.51	-0.2
			S	32	49.46	
LOCW	1.04	316	P	32	36.71	-0.1
CRF	1.10	321	P	32	37.84	0.0
WRD	1.12	333	P	32	37.57	-0.7
WAH2	1.13	314	Pd	32	38.37	0.0
			S	32	54.81	
JBO	1.14	244	P	32	38.50	-0.1
			S	32	54.51	
BRVW	1.22	295	P	32	39.82	-0.2
			S	32	57.82	
BVW	1.33	310	P	32	41.55	-0.3
			S	33	00.37	
OD2	1.43	351	P	32	42.62	-0.9
			S	33	01.96	
MXC	1.45	295	P	32	43.32	-0.4
			S	33	05.60	
VTG	1.48	312	P	32	43.97	-0.1
			S	33	04.38	
EPH	1.61	329	P	32	46.07	0.1
GL2	1.70	270	P	32	46.81	-0.4
			S	33	10.67	
VTHM	1.72	243	P	32	46.58	-1.0
VGB	1.73	255	ePn	32	46.15	-1.6
			eS	33	07.89	

EBG	1.77	303	P	32	48.94	0.6
NAC	1.85	295	P	32	50.26	0.8
SAW	1.86	338	P	32	46.97	-2.6
DPW	1.90	4	ePn	32	47.97	-2.2
TBM	1.94	309	P	32	52.14	1.4
CROR	2.08	242	P	32	51.74	-1.1
ETW	2.11	321	P	32	54.68	1.4
DHW2	2.22	335	P	32	56.76	1.9
ASR	2.24	276	P	32	54.89	-0.2
WPW	2.30	289	P	32	56.00	-0.1
NEW	2.45	20	eP	33	00.00	1.9
LON	2.49	289	(P)	32	57.94	-0.7
SHW	2.69	276	(P)	33	08.71	7.2
RMW	2.78	304	(P)	33	02.04	-0.8
HBMT	4.04	91	ePnc	33	19.70	-1.2
MCMT	4.07	104	ePn	33	20.40	-0.8
LRM	4.15	90	ePn	33	21.10	-1.3
BGMT	4.52	97	ePnc	33	26.50	-1.1
LCCM	4.55	89	ePn	33	26.50	-1.5
HRV	4.60	78	ePn	33	47.50	18.8
SXM	5.00	85	ePn	33	48.50	14.0

43 obs. associated

? SEP 23, 1992 04h 45m 06.49±6.63s
16.434 N ±31.5km 95.951 W ±45.7km
DEPTH = 10.0km (geophysicist)
OAXACA, MEXICO (60)

OXX	0.98	311	iP	45	25.20	-0.1
			iS	45	39.00	
IISM	2.88	332	iP	45	53.00	-0.3
IIT	3.42	319	iP	46	01.61	0.5
IIA	3.73	317	(P)	46	11.32	5.9X
ACX	3.77	277	(P)	46	06.00	0.0
			(S)	46	45.00	
III	3.87	300	iP	46	07.43	-0.2
MRX	5.95	304	(P)	46	43.50	6.7X
			(S)	47	45.00	

S.D. = 0.4 on 5 of 7 obs.

SEP 23, 1992 05h 14m 37.12±1.10s
39.446 N ±7.2km 19.925 E ±10.7km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
MD 3.1 (ATH).

KEK	0.28	340	ePg	14	43.30	0.2
			eSg	14	50.00	
VLS	1.37	157	ePb	15	02.00	-0.2
KZN	1.66	58	ePg	15	14.80	8.3X
OHR	1.79	22	ePn	15	08.30	-0.1
AGG	1.92	102	eP	15	10.60	0.5
			eS	15	37.40	
LIT	2.08	71	eP	15	12.70	0.2
			eS	15	39.60	
GRG	2.42	51	ePc	15	17.50	0.1
VAY	2.76	46	ePn	15	21.50	-0.6
SKO	2.77	24	ePn	15	24.60	2.2X

S.D. = 0.4 on 7 of 9 obs.

* SEP 23, 1992 05h 38m 36.28±1.44s
38.429 N ±14.0km 21.734 E ±8.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.0 (ATH), 2.8 (THE).

AGG	0.75	38	ePg	38	51.26	0.2
			eSg	39	01.74	
VLS	0.94	255	ePb	38	54.10	0.0
IGT	1.55	316	ePb	39	02.82	-1.2
			eSb	39	22.34	
LIT	1.77	19	ePb	39	05.98	-1.2
			eSb	39	27.34	
KEK	1.98	311	ePb	39	10.70	0.5
PAIG	2.13	45	ePn	39	12.70	0.4
			eSn	39	37.98	
FNA	2.37	353	ePn	39	15.78	0.0
			eSn	39	42.66	
GRG	2.58	11	ePn	39	17.84	-0.9
			eSn	39	50.54	
OUR	2.58	42	ePn	39	19.62	0.9
SOH	2.70	27	ePn	39	19.94	-0.6
			eSn	39	50.54	
OHR	2.77	345	ePn	39	23.30	1.7
KNT	2.87	18	ePn	39	23.34	0.4
			eSn	39	55.66	
VAY	2.96	12	ePn	39	25.00	0.9

SRS 3.04 27 ePn 39 24.18 -1.1
S.D. = 1.0 on 14 of 14 obs.

% SEP 23, 1992 06h 06m 05.86±1.15s
11.579 N ±7.5km 61.492 W ±25.5km
DEPTH = 10.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.3 (TRN).

TCE	0.91	196	eP	06	23.36	0.0
			eS	06	36.19	
TRN	0.93	175	eP	06	22.60	-1.0
			eS	06	34.57	
TBH	1.17	159	eP	06	27.85	0.2
			eS	06	42.80	
TPP	1.25	178	eP	06	29.94	0.8
			eS	06	44.95	
SLW	2.49	13	eP	06	47.04	0.0
			eS	07	15.43	

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

? SEP 23, 1992 07h 32m 47.37±23.17s
41.932 N ±157.km 23.331 E ±35.2km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
MD 1.8 (THE).

KNT	0.83	203	ePg	33	03.58	0.1
			eSg	33	13.06	
SRS	0.84	166	ePg	33	03.58	0.0
			eSg	33	15.26	
SOH	1.11	179	ePg	33	08.14	-0.1
			eSg	33	21.98	
GRG	1.20	216	ePg	33	09.70	0.0
			eSg	33	25.14	

S.D. = 0.1 on 4 of 4 obs.

SEP 23, 1992 07h 34m 48.16±0.76s
38.660 N ±7.2km 21.594 E ±6.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.4 (ATH), 3.2 (THE).

AGG	0.68	58	ePgc	35	01.33	-0.3
			eSg	35	11.92	
VLS	0.92	239	ePg	35	04.00	-1.8
IGT	1.31	312	ePb	35	12.84	0.4
			eSb	35	30.92	
LIT	1.60	25	ePbc	35	16.06	-0.5
			eSb	35	37.04	
KZN	1.65	5	iPbd	35	14.70	-2.7X
KEK	1.75	308	ePg	35	18.60	-0.1
PAIG	2.05	51	ePn	35	22.40	-0.7
			eSn	35	48.12	
FNA	2.13	356	ePn	35	24.88	0.6
			eSn	35	52.88	
VLI	2.21	151	ePb	35	27.40	2.0
THE	2.24	28	ePn	35	25.84	0.1
			eSn	35	53.64	
GRG	2.38	15	ePn	35	26.76	-1.1
			eSn	35	58.72	
OUR	2.49	47	ePn			

23d 08h

SOH 1.27 302 ePbd 03 49.48 0.0
 eSb 04 07.14
 SRS 1.32 317 ePb 03 49.90 -0.3
 eSb 04 09.98
 THE 1.46 290 ePb 03 52.50 0.2
 eSb 04 13.58
 KNT 1.75 306 ePb 03 55.22 -1.2
 LIT 1.75 269 ePb 03 55.70 -0.8
 GRG 1.98 295 ePn 03 59.74 0.0
 eSn 04 27.02
 VAY 2.04 306 iPn 04 05.70 5.1X
 AGG 2.20 240 ePn 04 02.06 -0.9
 eSn 04 30.54
 EDC 2.37 84 ePn 04 06.20 0.7
 BNT 2.42 84 ePn 04 06.00 -0.1
 FNA 2.67 285 ePn 04 09.78 0.1
 KCT 2.75 87 ePn 04 12.00 1.2
 DMK 2.81 53 ePn 04 13.00 1.3
 DST 3.02 99 ePn 04 16.60 2.0
 SKO 3.11 307 ePn 04 19.00 3.2X
 OHR 3.17 289 ePn 04 17.70 0.9

S.D. = 1.2 on 18 of 20 obs.

SEP 23, 1992 08h 05m 28.12 ± 0.25s
 1.310 N ± 5.0km 123.527 E ± 6.2km
 DEPTH = 23.1km (3 depth phases)
 5.0mb (23 obs.) 4.7Msz (7 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

PCI 4.30 239 i(P)c 06 34.50 0.8
 i(S) 06 55.30
 e 11 02.20
 TSM 6.38 298 eP 07 01.50 -1.6
 CGP 7.19 9 eP 07 15.00 0.4
 BIP 7.39 21 eP 07 18.00 0.7
 SWI 8.03 106 ePc 07 38.00 11.7X
 KKM 8.68 303 ePd 07 37.50 2.1
 PPR 9.67 331 ePc 07 44.00 -5.0X
 PLP 9.90 8 ePc 07 58.00 5.9X
 MTN 15.96 152 eP 09 13.00 0.0
 KNA 17.72 163 eP 09 34.00 -1.2
 WWKK 20.67 104 eP 10 11.80 2.5
 QIZ 22.14 324 eP 10 23.80 -0.2
 N 13s 3.15um
 eS 14 26.00
 MBL 22.62 189 eP 10 26.00 -2.8X
 0.4s 13.00nm 4.8mb
 IPM 22.70 279 ePd 10 30.10 0.5
 0.6s 14.70nm 4.7mb
 GZH 23.80 336 P 10 40.00 -0.2
 Z 16s 5.94um 5.2MszX
 N 12s 3.20um
 S 14 56.00
 LAT 24.73 109 eP 10 51.90 2.6
 PMG 25.83 115 eP 11 00.00 0.3
 NNT 26.11 296 eP 11 12.50 10.2X
 e 16 28.30
 ASPA 26.80 159 eP 11 07.50 -1.1
 1.1s 22.60nm 4.7mb
 OIS 26.84 145 iPc 11 07.30 -1.7
 0.2s 11.00nm 5.1mb
 NST 27.13 303 eP 11 15.00 3.4X
 WARB 27.50 174 eP 11 12.90 -2.0
 0.5s 13.00nm 4.9mb
 MEEK 28.19 189 eP 11 17.00 -4.2X
 BDT 28.85 305 eP 11 27.50 0.3
 CHG 29.72 307 eP 11 36.50 1.4
 CTA 30.80 135 ePc 11 43.50 -1.1
 1.0s 11.25nm 4.7mb
 eS 17 00.00
 NJ2 30.89 352 Pc 11 45.00 -0.2
 MRWA 31.20 193 eP 11 44.00 -4.0X
 FORT 32.20 173 eP 11 54.00 -2.7X
 0.6s 33.00nm 5.4mb
 BAL 32.40 191 eP 11 54.70 -3.7X
 KLB 33.18 189 eP 12 00.00 -5.2X
 OLP 34.18 146 eP 12 13.00 -1.0
 CD2 34.89 329 eP 12 19.00 -1.1
 RMO 36.83 140 eP 12 36.10 -0.4
 1.0s 39.00nm 5.2mb
 STKA 37.19 154 iPc 12 39.50 0.1
 STK 37.19 154 P 12 39.90 0.5
 MAT 37.60 20 eP 12 41.00 -1.9
 1.0s 15.00nm 4.8mb
 TIY 37.64 346 Pd 12 42.60 -0.7
 Z 20s 2.38um 5.0Msz
 N 18s 2.66um

ADE 38.79 160 e(P) -12 52.40 -0.5
 SHL 38.88 311 eP 12 55.00 1.0
 eS 18 52.00
 CMS 38.88 149 eP 12 53.00 -0.7
 0.9s 21.00nm 4.9mb
 LZH 39.12 334 Pc 12 56.50 0.7
 1.4s 42.00nm 5.0mb
 Z 17s 2.07um 5.0MszX
 N 14s 1.03um
 pP 13 03.00 22km
 sP 13 07.50
 eS 18 53.00
 BJI 39.13 351 eP 12 55.00 -0.6
 1.0s 22.00nm 4.8mb
 Z 18s 0.88um 4.6Msz
 ePP 14 28.00
 eS 18 54.00
 BRS 40.07 138 iPc 13 02.50 -1.2
 i 13 13.00 36kmX
 i 14 04.00
 i 14 38.00
 SNY 40.33 0 eP 13 05.60 0.1
 Z 16s 1.76um 5.0MszX
 sP 13 16.50
 HMC 40.82 346 eP 13 08.60 -1.1
 Z 18s 0.73um 4.6Msz
 N 12s 0.41um
 eS 19 20.00
 ARMA 41.38 142 iPd 13 14.80 0.4
 0.8s 37.00nm 5.2mb
 LSA 41.77 316 P 13 18.80 0.7
 BWA 42.53 149 eP 13 24.90 1.1
 i 13 43.40 75kmX
 e(PP) 15 05.80
 CAN 43.53 149 eP 13 31.90 0.0
 e 13 43.00 39kmX
 i 13 48.30
 i 14 18.40
 e(PP) 15 19.90
 GTA 43.66 333 iPd 13 32.50 -0.5
 1.0s 43.00nm 5.2mb
 Z 20s 2.65um 5.1Msz
 E 13s 2.17um
 pP 13 39.00 22km
 sP 13 43.00
 S 19 57.00
 TOO 43.70 155 eP 13 33.50 0.3
 0.5s 15.00nm 5.0mb
 CNB 43.71 149 eP 13 34.00 0.6
 1.0s 72.00nm 5.4mb
 GUN 44.68 310 P 13 41.34 -0.3
 PKI 44.87 309 P 13 44.26 1.0
 KKN 45.08 309 P 13 43.56 -1.2
 DMN 45.13 309 P 13 44.44 -0.8
 GKN 45.68 309 P 13 47.34 -2.1
 KOD 46.62 283 eP 13 57.70 0.5
 HYB 47.00 293 eP 14 02.80 3.0X
 GBA 47.20 287 P 14 02.50 1.1
 POO 51.61 293 eP 14 44.50 9.1X
 NDI 51.86 306 eP 14 38.00 0.9
 WMO 52.96 328 eP 14 45.00 -0.2
 Z 20s 0.63um 4.7Msz
 pP 14 52.80 26km
 sP 14 57.50
 KSH 57.53 317 eP 15 20.50 2.1
 Z 20s 0.75um 4.8Msz
 N 15s 1.21um
 sP 15 35.00
 ScS 25 04.00
 YAK 60.74 3 eP 15 37.50 -2.5
 0.8s 99.00nm 6.0mb X
 Z 18s 0.50um 4.7Msz
 e 21 11.00
 e 22 13.00
 e 23 44.00
 MAIO 68.47 309 eP 16 30.00 -0.9
 MAW 80.40 200 eP 17 38.00 -1.0
 1.0s 33.00nm 5.3mb
 SVW 84.43 29 (P) 18 05.08 5.1X
 1.2s 22.18nm 5.3mb
 TTA 84.49 27 (P) 18 05.60 5.3X
 1.4s 10.95nm 4.9mb
 IMA 85.88 24 eP 18 12.92 5.7X
 1.2s 2.72nm 4.3mb
 OBN 87.17 325 eP 18 12.00 -1.6
 iPcP 18 18.20
 eSKS 28 27.00

eScS 28 50.00
 eSS 34 10.00
 eSSS 38 11.00
 eSSSS 40 00.00
 FBA 88.26 25 (P) 18 24.70 6.1X
 1.0s 5.00nm 4.8mb
 SPA 91.30 180 iPc 18 34.40 1.4
 1.0s 24.50nm 5.5mb
 KAF 92.24 332 eP 18 35.80 -1.4
 0.7s 3.60nm 4.9mb
 PEL 145.63 159 ePKP 25 07.00 0.1
 TLL 148.23 156 iPKPc 25 15.50 4.0X
 CNCB 160.88 144 PKP 25 31.00 2.0
 i 30 52.70
 LPB 161.03 144 ePKP 25 30.00 1.1
 e 30 58.00
 ZOBO 161.20 143 PKP 25 31.20 1.8
 CCH 161.41 150 ePKP 25 31.00 1.8
 S.D. = 1.2 on 63 of 81 obs.

SEP 23, 1992 08h 10m 53.11 ± 0.32s
 1.139 N ± 5.8km 123.390 E ± 8.0km
 DEPTH = 32.0km (5 depth phases)
 5.0mb (19 obs.) 5.0Msz (5 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 22S, 36C
 Centroid Location:
 Origin Time 08:10:55.7 0.6
 Lot 1.39N 0.05 Lon 123.37E 0.07
 Dep 61.5 5.3 Half-duration 1.3
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr= 1.18 0.10 Mtt=-1.35 0.14
 Mff= 0.17 0.21 Mrt=-0.91 0.15
 Mrf= 0.21 0.16 Mtf=-0.49 0.11
 Principal Axes:
 T Vol= 1.56 Plg=66 Azm=218
 N 0.17 18 83
 P -1.73 16 347
 Best Double Couple: Mo=1.6×10¹⁷
 NP1: Strike= 53 Dip=33 Slip= 56
 NP2: 272 63 110

PCI 4.09 240 iPc 11 56.00 1.0
 i(S) 12 51.60
 TSM 6.34 300 eP 12 23.00 -3.8X
 KKM 8.66 304 ePd 12 59.50 0.2
 TLE 11.52 126 ePd 13 27.10 -11.4X
 MTN 15.88 151 eP 14 36.00 0.0
 KNA 17.60 163 eP 14 57.00 -0.7
 OIZ 22.19 324 eP 15 47.50 -0.9
 MBL 22.43 189 eP 15 50.00 -0.8
 0.5s 21.00nm 4.9mb
 IPM 22.59 279 ePc 15 53.70 1.3
 0.7s 25.90nm 4.8mb
 GZH 23.90 337 P 16 05.50 0.5
 QZH 24.11 349 eP 16 03.00 -4.1X
 Z 16s 3.56um 4.9MszX
 NANU 24.77 198 eP 16 13.00 -0.5
 0.5s 29.00nm 5.1mb
 LAT 24.81 109 eP 16 14.80 0.9
 PMG 25.89 114 eP 16 23.00 -1.1
 ASPA 26.69 158 P 16 33.09 1.6
 LOE 26.74 308 eP 16 27.50 -4.4X
 OIS 26.78 144 iPd 16 31.70 -0.6
 0.4s 14.00nm 4.9mb
 e 16 46.00 59kmX
 e 17 41.00
 NST 27.11 303 eP 16 39.00 3.7X
 WARB 27.34 174 eP 16 36.00 -1.4
 0.5s 13.00nm 4.8mb
 MEEK 28.00 189 eP 16 41.50 -1.8
 BDT 28.84 305 eP 16 52.00 1.1
 1.0s 27.60nm 4.9mb
 CHG 29.72 308 eP 17 02.40 3.5X
 MRWA 31.00 193 eP 17 08.00 -2.1
 0.3s 3.00nm 4.6mb
 NJ2 31.04 353 Pd 17 10.00 -0.3
 KMI 31.08 322 eP 17 11.50 0.4
 1.0s 20.00nm 4.9mb
 Z 20s 1.40um 4.6Msz
 sP 17 20.00
 FORT 32.05 172 eP 17 18.00 -1.2
 0.5s 36.00nm 5.5mb
 BAL 32.20 191 eP 17 18.00 -2.6
 KLB 32.99 189 eP 17 25.50 -1.9

23d 08h

CD2	34.97	330	eP	47	39.80	-4.8X	KSH	57.56	318	eP	20	46.00	3.6X	GUN	44.68	310	P	24	56.34	0.3
TIA	35.38	351	eP	17	45.00	-2.9	Z 20s	1.24um				5.0msz	PKI	44.87	309	P	24	55.72	-1.9	
Z 24s	1.75um					4.7mszX	E 15s	1.33um					KKN	45.08	309	P	24	57.44	-1.7	
E 17s	2.46um							pP	20	56.00	33km		DMN	45.13	309	P	24	59.58	0.1	
	eS	23	14.00					-PP	22	49.00			GKN	45.68	309	P	25	03.52	-0.2	
XAN	35.42	339	eP	17	44.20	-4.2X	MAIO	68.47	309	eP	21	55.00	0.3	KOD	46.59	283	eP	25	11.00	-0.3
Z 16s	2.92um					5.1mszX	MAW	80.19	200	eP	23	02.00	0.4	GBA	47.18	287	P	25	15.00	-0.5
N 16s	2.43um							1.0s	18.00nm			5.0mb	WMQ	52.99	328	P	26	02.00	2.3	
E 16s	1.94um						OBN	87.23	325	eP	23	41.00	3.5X		1.0s	10.00nm			4.7mb	
RMO	36.78	140	eP	17	59.00	-0.9	SPA	91.13	180	ePc	23	58.00	2.1	Z 18s	1.10um				4.9msz	
	0.4s	7.00nm				4.9mb		0.9s	14.55nm			5.3mb	N 12s	0.76um						
STKA	37.09	154	iPc	18	02.20	-0.2			i	25	04.60	276kmX		pP			26	07.00	16kmX	
STK	37.10	154	P	18	03.00	0.5	PEL	145.53	159	ePKP	30	30.00	-0.4		sP		26	09.50		
TIY	37.77	346	eP	18	07.40	-0.8	MDZ	146.39	161	i(PKP)	30	33.50	1.7	KSH	57.54	317	eP	26	35.40	2.6
Z 18s	3.05um					5.1msz	TLL	148.14	156	ePKP	30	37.50	2.6	Z 20s	1.49um				5.1msz	
N 17s	3.54um							S.D. = 1.3	on	57	of	70 obs.	E 12s	0.70um						
	S	23	58.00											PP	28	41.00				
MAT	37.80	20	eP	18	05.00	-3.4X	SEP 23, 1992 08h	16m	43.23±	0.31s			MAIO	68.47	309	iPc	27	44.00	-1.2	
ADE	38.68	160	eP	18	16.30	0.5	1.255 N ± 5.6km	123.485 E ± 8.0km				MAW	80.33	200	eP	28	52.00	-0.9		
CMS	38.81	149	eP	18	17.20	0.3	DEPTH = 28.8km	(5 depth phases)					1.0s	20.00nm				5.1mb		
	1.0s	20.00nm				4.8mb	4.8mb (11 obs.)	4.9msz (3 obs.)				OBN	87.19	325	eP	29	33.00	5.1X		
SHL	38.89	311	eP	18	18.00	0.2	MINAHASSA PENINSULA, SULAWESI	(265)				SPA	91.25	180	iPd	29	48.80	1.8		
	eS	24	15.20										1.0s	101.00nm				6.1mb X		
LZH	39.22	335	eP	18	21.00	0.6	PCI	4.23	240	iPc	17	48.90	1.5	PEL	145.60	159	ePKPc	36	21.50	0.4
Z 2.0s	37.00nm					4.8mb			i(S)	18	22.80		CNCB	160.86	145	PKP	36	46.00	2.8X	
E 17s	2.02um					5.0mszX			e	21	19.00		LPB	161.01	144	PKP	36	45.00	1.8	
E 14s	1.36um						KKM	8.67	303	ePd	18	51.00	1.1	ZOBO	161.18	143	PKP	36	39.00	-4.6X
	pP	18	26.00	17kmX			TLE	11.51	127	ePc	19	29.00	0.2		S.D. = 1.2	on	47	of	51 obs.	
	sP	18	29.00				KNA	17.68	163	eP	20	49.00	-0.2							
	eS	24	16.00				QIZ	22.15	324	eP	21	37.80	-0.7							
BJI	39.27	351	eP	18	18.00	-2.6	MBL	22.56	189	eP	21	41.00	-1.5							
Z 20s	1.50um					4.8msz	IPM	22.67	279	ePc	21	44.00	0.3							
	ePP	19	52.00				GZH	23.83	336	Pc	21	55.60	0.7							
	eS	24	16.00				NANU	24.91	198	eP	22	03.50	-1.8							
	eSS	26	56.00				ASPA	26.76	158	eP	22	22.50	-0.1							
BRS	40.04	137	iPd	18	26.50	-0.7		1.0s	14.60nm			4.6mb		XLV	0.38	106	ePd	40	14.71	-0.9
	i	18	36.00	32km			QIS	26.82	145	eP	22	22.50	-0.6							
HHC	40.95	346	P	18	33.20	-1.4	WARB	27.45	174	eP	22	27.00	-1.8	OPT	0.41	284	iPc	40	15.28	-0.5
Z 18s	1.94um					5.0msz	NJ2	30.94	352	Pc	23	00.00	0.0							
N 14s	1.09um						KMI	31.05	322	eP	23	02.00	0.6	HOM	0.42	76	iPc	40	15.41	-0.4
E 10s	0.57um							1.2s	40.00nm			5.1mb								
ARMA	41.33	142	iPd	18	38.90	1.1			sP	23	11.00		AUE	0.51	247	ePc	40	16.04	-0.7	
	0.4s	13.00nm				5.0mb	FORT	32.15	173	eP	23	09.00	-1.6	AUL	0.54	251	ePc	40	16.45	-0.5
LSA	41.80	316	P	18	44.20	2.1	CD2	34.92	330	eP	23	38.40	3.7X							
BWA	42.46	149	iPc	18	49.00	2.0	TIA	35.28	351	eP	23	36.10	-1.5	AUP	0.54	249	ePc	40	16.57	-0.5
	ePP	18	59.50	36km			XAN	35.35	339	P	23	37.50	-0.8							
	iPcP	19	55.60					Z 16s	2.34um			5.0mszX	AUH	0.55	249	ePc	40	16.54	-0.6	
	ePP	20	05.70					N 14s	1.39um											
CAN	43.45	149	iPc	18	56.00	1.0		E 14s	1.72um				AUI	0.55	246	ePc	40	16.35	-0.7	
	iPcP	19	06.40	36km			RMO	36.81	140	iPd	23	50.30	-0.4							
	ePP	20	03.20					1.0s	12.00nm			4.7mb	AUW	0.56	251	ePc	40	16.59	-0.6	
TOO	43.61	154	eP	18	57.60	1.3	STKA	37.15	154	iPc	23	53.20	-0.3	INE	0.59	328	ePd	40	16.89	-0.8
	0.7s	25.00nm				5.1mb	MAT	37.66	20	eP	23	56.00	-1.8							
	eS	24	48.50					1.0s	12.00nm			4.7mb	INW	0.62	326	ePd	40	17.32	-0.6	
CNB	43.64	149	eP	18	58.10	1.5	TIY	37.68	346	Pd	23	57.70	-0.2	BRLK	0.82	75	iPc	40	19.16	-1.0
	0.6s	24.00nm				5.1mb	ADE	38.75	160	eP	24	07.30	0.4							
	e	20	04.30	326kmX			CMS	38.86	149	eP	24	09.00	1.2	RED	0.88	349	iPd	40	20.11	-0.8
	eS	24	49.00				LZH	39.15	334	eP	24	11.50	1.1							
	e	24	58.70					1.5s	32.00nm			4.8mb	CDD	0.88	225	iPd	40	20.09	-0.8	
GTA	43.75	333	eP	18	57.00	-0.5	Z 17s	2.02um				5.0mszX	PDB	0.92	285	iPc	40	20.11	-1.2	
Z 16s	2.85um					5.3mszX	E 14s	1.36um												
E 13s	2.61um							pP	24	18.00	22km		RS1	0.92	350	iPd	40	20.83	-0.7	
	pP	19	04.00	23km			BJI	39.17	351	eP	24	10.00	-0.3	RSO	0.92	350	iPd	40	20.86	-0.7
	sP	19	06.00					1.0s	22.00nm			4.9mb	RS2	0.92	350	iPd	40	20.88	-0.7	
GUN	44.68	310	P	19	04.58	-0.9		Z 18s	1.18um			4.8msz	REF	0.94	352	ePnd	40	22.95	1.2	
PKI	44.87	309	P	19	08.56	1.5	BRS	40.06	137	iPc	24	18.00	0.1	RDW	0.94	349	iPd	40	21.03	-0.8
KKN	45.08	309	P	19	08.26	-0.3			i	24	28.00	34km								
DMN	45.13	309	P	19	09.16	0.2			i	24	51.00		SYI	0.95	178	iPd	40	21.01	-0.7	
GKN	45.68	309	P	19	10.72	-2.5	HHC	40.87	346	P	24	24.70	0.3							
KOD	46.52	283	eP	19	20.00	-0.2		1.2s	24.00nm			4.8mb	RDN	0.97	351	ePd	40	21.43	-0.7	
HYB	46.94	293	eP	19	23.50	0.4		N 14s	1.30um											
GBA	47.12	287	P	19	24.80	0.3		E 10s	0.30um				RDT	1.02	1	iPd	40	21.70	-0.9	
POO	51.55	293	eP	20	16.50	17.8X	BTO	41.02	344	eP	24	24.50	-1.2							
NDI	51.85	306	eP	20	02.00	1.2	ARMA	41.36	142	eP	24	30.10	1.5	NCT	1.04	347	iPd	40	22.09	-0.8
WMO	53.03	328	eP	20	12.50	3.0X		0.8s	17.00nm			4.8mb								
	pP	20	16.50	13kmX			LSA	41.78	316	P	24	32.80	0.3	MCNL	1.04	250	iPc	40	21.65	-1.2
	sP	20	26.50				BWA	42.51	149	iPc	24	40.00	2.1							
	S	27	38.00					iPcP	24	50.20	35km		DFR	1.04	353	iPd	40	22.21	-0.8	
	SS	31	14.00				CAN	43.50	149	iPc	24	47.00	1.0							
IRK	53.40	346	eP	20	13.20	1.3		iPcP	24	57.00	34km		SLKM	1.47	49	eP	40	27.18	-1.3	
Z 2.0s	58.00nm					5.2mb	GTA	43.69	333	P	24	48.00	0.5							
N 17s	0.86um					4.9mszX		1.0s	33.00nm			5.1mb	SEW	1.61	69	eP	40	29.90	-0.5	
N 16s	0.29um							Z 14s	2.32um			5.2mszX	SPU	1.64	7	iPd	40	30.31	-0.6	
E 15s	0.50um							E 13s	2.17um											
	LR	41	50.00						pP	24	54.00	20km	CKL	1.64	2	iPd	40	30.49	-0.5	
									sP	24</										

23d 08h

CKN	1.68	4	eP	40 51.18	
			eS	40 31.07	-0.3
			eS	40 51.14	
BGL	1.71	1	ePd	40 31.38	-0.5
CPKM	1.71	3	iPd	40 31.11	-0.9
CRP	1.72	5	ePn	40 30.37	-1.7
			Pg	40 31.14	
			S	40 53.96	
CGLM	1.77	7	ePd	40 32.28	-0.4
MPA	1.81	58	ePd	40 32.59	-0.5
			eS	40 53.43	
KDC	1.82	181	eP	40 31.19	-2.0
			S	41 00.47	
NCG	1.86	4	iPd	40 33.42	-0.5
SUA	2.09	23	eP	40 36.61	-0.5
PTE	2.15	51	ePc	40 36.58	-1.3
PMS	2.22	39	P	40 38.00	-0.8
SVW	2.22	316	iP	40 36.96	-1.9
			S	40 58.45	
LTI	2.37	76	eP	40 39.69	-1.2
PWA	2.45	30	P	40 41.40	-0.6
MTU	2.46	78	eP	40 40.81	-1.4
SKT	2.47	10	ePd	40 41.35	-1.0
KNIM	2.50	69	eP	40 40.01	-2.7
PLRM	2.61	37	eP	40 42.36	-1.9
PMR	2.61	37	ePn	40 41.46	-2.8
			S	41 11.35	
KNK	2.71	45	eP	40 43.84	-1.9
GHO	2.82	36	eP	40 45.49	-1.7
GLI	2.98	61	eP	40 46.34	-3.1
SML	3.03	40	eP	40 48.36	-1.8
FID	3.21	66	eP	40 48.99	-3.7
VLZ	3.42	60	eP	40 52.87	-2.7
SGAM	3.75	72	eP	40 58.23	-2.0
KLU	3.76	56	ePc	40 58.05	-2.4
TTA	3.80	335	P	40 59.50	-1.4
BALM	5.24	69	ePn	41 17.20	-4.0
FBA	5.78	20	(Pn)	41 20.77	-7.9
	0.3s		0.75nm		3.5mb X
	62 obs. associated				

&	SEP 23, 1992	08h 46m 08.53s			
	60.185 N	147.084 W			
	DEPTH = 9.9km				
SOUTHERN ALASKA			(2)		
<AEIC>. ML 2.8 (AEIC).					
MTU	0.35	235	ePc	46 15.60	-0.1
HIN	0.36	54	iPc	46 16.12	0.2
			eS	46 22.98	
KNIM	0.36	297	iPc	46 16.02	0.0
			eS	46 21.83	
LTI	0.41	250	iPc	46 16.74	-0.2
FID	0.64	28	ePc	46 20.13	-1.3
GLI	0.70	360	ePc	46 21.28	-1.0
			eS	46 30.69	
MID	0.85	153	P	46 24.70	-0.2
SGAM	0.99	70	ePc	46 25.83	-1.4
			eS	46 39.94	
VLZ	1.02	21	eP	46 26.71	-1.1
			eS	46 40.92	
MPA	1.17	286	iPc	46 28.77	-1.6
			eS	46 44.98	
PTE	1.18	306	ePc	46 29.00	-1.5
			eS	46 45.23	
SEW	1.19	267	iPc	46 29.05	-1.6
			eS	46 44.82	
RAGM	1.22	79	ePc	46 29.74	-1.5
			eS	46 44.95	
KAIM	1.36	100	eP	46 32.03	-1.5
			eS	46 48.96	
KNK	1.40	332	eP	46 32.68	-1.5
HMT	1.42	83	eP	46 32.17	-2.2
KLU	1.43	23	eP	46 33.13	-1.5
SLKM	1.59	283	ePc	46 34.91	-2.0
PMS	1.62	312	P	46 36.00	-1.2
SCM	1.66	356	eP	46 36.95	-0.9
PLRM	1.73	326	eP	46 37.63	-1.2
SML	1.74	340	ePc	46 38.42	-0.6
			eS	47 02.40	
GHO	1.83	331	eP	46 39.65	-0.7
			eS	47 03.78	
TOA	1.98	13	eP	46 42.99	0.5
PWA	2.01	318	eP	46 42.10	-0.7
GLB	2.04	50	ePd	46 41.60	-1.8
SUA	2.20	307	eP	46 45.26	-0.6
BALM	2.49	68	eP	46 47.48	-2.4

NCG	2.77	298	eP	46 51.60	-2.3
CKL	2.78	294	eP	46 51.27	-2.7
REF	2.81	279	ePc	46 51.51	-3.0
DFR	2.81	281	eP	46 51.43	-3.0
SKT	2.81	312	eP	46 53.07	-1.3
RDW	2.86	278	eP	46 51.79	-3.5
	34 obs. associated				

* SEP 23, 1992 09h 04m 42.70s
 40.287 N 124.310 W
 DEPTH = 13.0km
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.6 (BRK), 3.9 (GS).
 Felt (IV) at Petrolia and (III)
 at Miranda. Also felt at
 Honeydew and Shelter Cove.

FOX	0.34	46	iPc	04 50.28	0.5
			iS	04 54.65	
EKR	0.43	18	iPc	04 51.39	-0.1
			eS	04 55.90	
FHC	0.57	26	iPc	04 53.82	-0.2
			i	04 58.63	
WDC	1.38	77	ePn	05 05.80	-1.8
			S	05 30.68	
LTCM	1.67	92	ePn	05 10.68	-1.1
MIN	2.07	88	iPd	05 16.19	-1.5
L8FM	2.12	59	ePn	05 16.50	-2.0
NWRM	2.13	148	ePn	05 15.07	-3.4
ORV	2.28	108	iPd	05 17.76	-2.9
BKS	2.90	145	ePd	05 26.74	-2.6
PCC	3.16	151	iPc	05 29.36	-3.7
GCC	3.72	150	iPc	05 37.17	-3.9
			eS	06 22.07	
CM8	3.79	125	ePn	05 39.86	-2.2
SAO	4.17	147	iPc	05 43.08	-4.4
PRS	4.58	149	iPd	05 48.36	-4.8
FRI	4.88	131	iPc	05 56.27	-1.2
PRI	5.04	144	eP	05 56.83	-3.0
BONR	5.22	115	(Pn)	06 01.48	-1.1
PHAM	5.41	144	ePn	06 01.04	-4.0
TNP	5.93	110	ePn	06 09.00	-3.5
ISA	6.52	133	ePn	06 17.04	-3.7
SSK	8.04	137	ePn	06 38.30	-3.8
PEC	8.56	136	eP	06 45.99	-3.3
PLM	9.14	137	eP	06 54.41	-2.9
MSU	9.56	97	(P)	07 01.71	-1.5
GLA	10.49	131	eP	07 13.14	-2.7
RSSD	15.50	69	(P)	08 23.00	0.3
	1.1s	4.66nm			3.7mb
JFWS	25.51	73	(P)	10 10.33	-1.9
	0.5s	2.87nm			4.2mb
	28 obs. associated				

* SEP 23, 1992 10h 07m 39.80 ± 0.95s
 39.268 N ± 8.0km 27.658 E ± 14.3km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)					
DST	0.82	66	iPg	07 55.50	-0.3
			eSg	08 10.50	
Izm	0.92	200	iPg	07 57.50	0.0
			iSg	08 11.70	
EDC	1.09	8	ePn	08 00.30	0.0
BNT	1.11	10	ePn	08 00.00	-0.5
KCT	1.12	29	iPn	08 01.50	0.7
	S.D. = 0.7 on 5 of 5 obs.				

* SEP 23, 1992 10h 09m 06.17 ± 0.97s
 7.953 S ± 20.5km 155.945 E ± 10.5km
 DEPTH = 62.6 ± 14.4 km
 4.7mb (1 obs.)

SOLOMON ISLANDS (193)					
SVO	4.01	108	eP	10 06.00	-0.5
			eS	10 55.00	
HNR	4.22	111	eP	10 10.00	0.5
			eS	11 05.00	
RAB	5.30	315	eP	10 25.00	0.3
PMG	8.81	260	eP	11 13.00	-0.3
RMO	19.66	199	eP	13 38.30	5.4X
SPA	82.10	180	eP	21 22.00	0.8
	0.9s	7.73nm			4.7mb
BAO	146.66	135	PKPd	28 41.10	-0.7
	S.D. = 1.0 on 6 of 7 obs.				

SEP 23, 1992 10h 47m 55.14 ± 0.31s

-50.919 N ± 3.7km 3.482 W ± 4.2km
 DEPTH = 10.0km (geophysicist)
 UNITED KINGDOM (533)
 ML 3.3 (LDG), 2.7 (BGS).

HEX	0.25	306	iPg	48 01.50	1.0
HTL	0.64	277	iPg	48 08.40	0.5
			eSg	48 14.80	
DCO	0.65	203	ePg	48 11.90	3.8X
HGH	0.84	30	iPg	48 12.60	1.3
HSA	0.93	333	ePg	48 13.00	0.1
HTR	1.17	6	ePn	48 17.30	0.3
HAE	1.26	27	iPn	48 19.60	1.0
HPE	1.30	322	iPn	48 19.00	-0.2
			eS	48 34.80	
CME	1.32	236	ePn	48 20.70	1.2
			eS	48 37.80	
HCG	1.41	356	iPn	48 21.30	0.4
ECP	2.20	306	eP	48 31.10	-1.1
			eS	49 00.60	
ETA	2.46	317	eP	48 34.80	-1.0
			eS	49 08.10	
ECB	2.51	306	eP	48 35.40	-1.3
FLN	2.90	137	Pn	48 42.60	0.4
			Pg	48 52.60	
			Sn	49 18.70	
			Sg	49 33.40	
DLF	3.03	323	eP	48 43.00	-1.0
			eS	49 18.00	
GRR	3.05	145	Pn	48 46.00	1.7
			Pg	48 56.30	
			Sn	49 21.60	
			Sg	49 37.60	
LDF	3.19	136	Pn	48 45.70	-0.5
			Pg	48 58.30	
			Sn	49 24.60	
LPF	3.30	150	Pn	48 49.60	1.8
			Pg	49 00.70	
MFF	4.85	152	Pn	49 10.70	0.8
			Sn	50 05.20	
LSF	5.73	143	Pn	49 22.90	0.6
			Sn	50 24.90	
TCF	5.98	139	Pn	49 26.50	0.8
			Sn	50 30.30	
SSF	6.00	127	Pn	49 25.70	-0.4
			Sn	50 32.30	
			Sg	51 10.20	
BGF	6.05	134	Pn	49 27.30	0.6
LOR	6.05	124	Pn	49 26.60	-0.1
			Sn	50 31.50	
AVF	6.12	130	Pn	49 27.10	-0.6
			Sn	50 33.50	
MAF	6.18	137	Pn	49 28.60	0.0
			Sn	50 34.60	
LBF	6.29	126	Pn	49 28.90	-1.4
			Sn	50 38.30	
SMF	6.46	129	Pn	49 30.90	-1.6
			Sn	50 41.40	
WTS	6.52	77	ePg	49 57.50	24.1X
	0.5s	24.00nm			
RJF	6.54	147	Pn	49 33.10	-0.6
			Sn	50 42.90	
LFF	6.62	153	Pn	49 34.30	-0.5
LPO	6.99	151	Pn	49 39.70	-0.2
			Sn	50 55.50	
HAU	7.04	111	Pn	49 41.70	1.0
			Sn	50 51.70	
CAF	7.06	146	Pn	49 40.00	-1.0
			Sn	50 58.80	
CDF	7.42	106	Pn	49 44.30	-1.8
	S.D. = 1.0 on 33 of 35 obs.				

SEP 23, 1992 10h 52m 52.51 ± 0.68s
 45.905 N ± 6.4km 13.809 E ± 5.8km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 MD 2.9 (LJU), 2.4 (TRI).

VOY

VBV 1.09 111 ePg 53 23.00 1.5
 KBA 1.22 345 iPg 53 14.80 -0.5
 PTJ 1.50 89 e(Pn) 53 19.70 0.2
 WTTA 2.02 313 iPg 53 27.80 0.6
 S.D. = 1.0 on 9 of 9 obs.

& SEP 23, 1992 11h 07m 34.88s
 40.299 N 124.393 W
 DEPTH = 8.3km
 NEAR COAST OF NORTHERN CALIF. (35)
 <GM-P>. MD 3.0 (GM).

FHC 0.59 32 iPg 07 47.15 0.4
 WDC 1.44 78 ePn 07 59.06 -2.2
 LTCM 1.74 92 (P) 08 04.01 -1.5
 LBFM 2.17 60 (P) 08 10.87 -1.1
 ORV 2.35 108 eP 08 12.01 -2.3
 5 obs. associated

& SEP 23, 1992 11h 10m 30.50s
 40.290 N 124.487 W
 DEPTH = 8.0km
 4.2mb (6 obs.)
 NEAR COAST OF NORTHERN CALIF. (35)
 <BRK>. ML 3.9 (BRK), 4.2 (GS).
 MD 4.1 (GM). Felt (IV) at
 Fortuna, Honeydew, Mirando,
 Myers Flat, Redcrest, Rio Dell
 and Weott. Also felt at Arcata,
 Eureka, Ferndale, Freshwater,
 Petrolia and Shelter Cove.

FOX 0.44 58 iPg 10 39.86 0.4
 EKR 0.48 33 iPg 10 40.97 0.7
 FHC 0.64 37 iPg 10 43.40 0.1
 WDC 1.51 78 eP 10 55.40 -2.5
 LTCM 1.81 92 eP 11 00.17 -2.0
 MIN 2.20 88 iPg 11 05.35 -2.7
 NWRM 2.21 145 ePn 11 04.70 -3.3
 LBFM 2.24 61 eP 11 06.77 -1.8
 ORV 2.41 107 iPd 11 07.52 -3.4
 ZSP 2.91 143 iPg 11 15.93 -2.1
 DBO 2.98 18 iPg 11 17.17 -1.8
 BKS 2.98 143 iPd 11 16.33 -2.6
 PCC 3.23 149 ePd 11 18.76 -3.8
 HSO 3.40 17 P 11 23.63 -1.3
 GCC 3.79 148 iPd 11 26.20 -4.3
 HBO 3.90 24 P 11 30.67 -1.5
 CMB 3.90 124 ePn 11 29.41 -2.7
 SAO 4.25 145 iPg 11 32.74 -4.3
 PRS 4.65 147 iPg 11 38.14 -4.5
 SSOR 4.80 17 P 11 43.62 -1.3
 FRI 4.98 130 iPd 11 45.86 -1.5
 KVN 5.08 102 ePn 11 46.18 -2.8
 PRI 5.12 143 iPd 11 45.77 -3.6
 BONR 5.34 114 ePn 11 50.76 -2.1
 CROR 5.35 28 P 11 50.94 -1.7
 TDH 5.38 21 P 11 52.36 -0.7
 PKEM 5.45 139 (P) 11 50.04 -4.0
 PHAM 5.49 143 ePn 11 49.81 -4.8
 VGB 5.89 26 ePn 11 57.74 -2.4
 TNP 6.06 109 ePn 11 57.82 -5.0
 SHW 6.12 15 (P) 12 05.33 1.8
 BCH 6.18 144 ePn 11 59.25 -5.0
 JBO 6.19 32 P 12 03.37 -1.1
 ASR 6.23 19 P 12 03.67 -1.3
 ISA 6.62 132 (P) 12 06.81 -3.8
 LON 6.74 16 (P) 12 13.07 0.8
 ABL 6.85 141 eP 12 09.03 -4.9
 SSK 8.13 136 ePn 12 28.43 -3.4
 PEC 8.66 135 eP 12 35.94 -3.1
 DUG 8.93 87 ePn 12 39.60 -3.3
 ARUT 8.95 103 (P) 12 39.40 -3.8
 HVU 8.98 77 ePn 12 40.45 -3.1
 PLM 9.23 136 ePn 12 44.28 -2.8
 HHA 9.53 68 (P) 12 50.07 -1.1
 MSU 9.70 97 ePn 12 50.14 -3.4
 DAU 10.10 85 (P) 12 57.71 -1.5

LRM 10.39 54 eP 13 00.30 -2.9
 EMUT 10.49 88 ePn 13 03.29 -1.3
 GLA 10.59 130 eP 13 02.28 -3.4
 SRU 10.83 92 eP 13 08.31 -0.7
 SES 13.82 39 eP 13 46.00 -2.9
 GOL 14.67 86 eP 13 58.40 -2.0
 ALO 0.8s 10.26nm 4.5mb
 15.25 105 eP 14 04.96 -2.9
 RSSD 0.9s 2.91nm 3.7mb
 15.62 69 eP 14 09.00 -3.8
 0.9s 5.11nm 3.8mb
 YKA 23.02 12 eP 15 36.00 -0.6
 1.1s 7.80nm 4.2mb
 FVM 26.43 84 (P) 16 06.46 -2.9
 1.1s 26.09nm 4.8mb
 NB2 72.77 21 P 21 56.40 -4.5
 0.8s 3.40nm 4.5mb
 57 obs. associated

& SEP 23, 1992 11h 20m 46.75s
 62.944 N 149.262 W
 DEPTH = 78.1km
 CENTRAL ALASKA (1)
 <AEIC>.

HUR 0.17 281 eP 20 58.22 1.6
 RND 0.50 22 iPg 21 00.43 -0.2
 TRF 0.69 318 iPg 21 02.45 -0.1
 MCK 0.81 10 iPg 21 03.59 -0.1
 KTH 0.97 310 eP 21 05.50 -0.1
 GHO 1.19 172 ePd 21 08.19 -0.2
 SML 1.22 159 iPd 21 08.46 -0.3
 PWA 1.33 193 ePd 21 10.14 0.0
 PLRM 1.36 177 iPd 21 10.45 0.0
 SKT 1.43 228 iPd 21 11.10 -0.4
 SCM 1.43 140 iPg 21 11.35 -0.2
 KNK 1.58 166 iPd 21 13.48 -0.1
 WRH 1.62 18 ePd 21 13.13 -0.9
 SUA 1.64 206 ePd 21 14.54 0.2
 NEA 1.64 3 iPg 21 13.39 -0.9
 TOA 1.66 119 P 21 15.10 0.5
 PMS 1.71 185 P 21 15.60 0.3
 PAX 1.73 87 ePd 21 15.77 0.1
 DDM 1.75 60 eP 21 16.59 0.8
 SDG 1.76 102 ePg 21 15.83 -0.1
 HDA 1.79 34 ePd 21 15.52 -0.8
 CCB 1.83 20 iPd 21 15.71 -1.1
 DJE 1.94 54 eP 21 17.94 -0.4
 TZL 2.00 115 eP 21 19.49 0.4
 NCG 2.06 223 eP 21 20.07 0.0
 FBA 2.07 18 P 21 19.20 -0.9
 CGLM 2.09 219 ePg 21 20.64 0.2
 PTE 2.09 177 eP 21 21.06 0.7
 KLU 2.14 131 iPg 21 19.96 -1.2
 CRP 2.16 220 eP 21 21.57 0.0
 MLY 2.19 343 eP 21 20.85 -1.0
 SPU 2.20 218 eP 21 22.57 0.6
 CKN 2.21 220 eP 21 23.76 1.7
 GLM 2.21 21 ePd 21 21.05 -1.1
 BGL 2.24 222 eP 21 23.22 0.7
 CKL 2.27 221 eP 21 23.53 0.5
 VLZ 2.28 141 ePg 21 21.35 -1.6
 GLI 2.31 153 ePg 21 21.94 -1.5
 BKG 2.35 218 eP 21 23.60 -0.5
 DOT 2.45 71 eP 21 25.39 0.0
 MPA 2.46 181 eP 21 27.27 1.8
 SLKM 2.49 191 eP 21 27.22 1.3
 FID 2.57 148 ePg 21 25.44 -1.5
 KNIM 2.70 164 eP 21 27.72 -1.1

RDT 2.81 214 eP 21 31.42 1.0
 SEW 2.85 182 eP 21 30.75 -0.1
 DFR 2.87 216 eP 21 32.39 1.2
 HIN 2.88 152 eP 21 29.29 -2.0
 REF 2.96 215 eP 21 32.79 0.2
 NCT 2.96 218 eP 21 33.57 1.1
 GLB 2.97 118 ePg 21 31.45 -1.1
 LTI 2.99 166 eP 21 32.14 -0.7
 RDW 2.99 216 eP 21 34.43 1.4
 RS2 2.99 215 eP 21 34.38 1.3
 RSO 2.99 215 eP 21 34.88 1.8
 RS1 3.00 215 eP 21 34.87 1.8
 MTU 3.07 165 eP 21 36.05 2.2
 TTA 3.09 273 eP 21 33.09 -1.1
 SGAM 3.12 140 eP 21 32.51 -2.1
 RAGM 3.37 138 eP 21 36.27 -1.9
 HMT 3.54 135 eP 21 38.84 -1.7
 CROM 3.64 124 iPg 21 40.64 -1.4
 IMA 3.67 331 eP 21 41.52 -0.9
 BALM 3.78 117 eP 21 42.11 -1.8
 64 obs. associated

SEP 23, 1992 11h 51m 12.33 ± 0.48s
 32.135 S ± 5.9km 69.538 W ± 9.1km
 DEPTH = 115.2 ± 8.2 km
 4.7mb (1 obs.)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 4.5 (SAN). Felt (III) at San
 Juan and (II) at Mendoza.

ZON 0.94 51 iPg 51 32.10 -1.6
 MDZ 0.95 142 iPg 51 34.00 0.2
 JACH 1.05 238 iPg 51 35.51 0.7
 FCH 1.35 208 iPg 51 39.33 0.9
 PEL 1.40 224 iPg 51 38.98 0.3
 ROCH 1.50 236 iPg 51 40.05 0.0
 SAN 1.62 215 iPg 51 41.71 0.4
 PCH 1.69 209 iPg 51 42.80 0.5
 TACH 1.92 218 iPg 51 44.92 -0.1
 IHA 1.99 243 iPg 51 45.20 -0.6
 CHCH 2.02 207 iPg 51 46.70 0.3
 CACH 2.17 204 iPg 51 48.86 0.5
 LCCH 2.17 231 iPg 51 47.62 -0.6
 TLL 2.24 331 iPg 51 48.70 -0.7
 LNV 2.40 220 iPg 51 49.88 -1.3
 CCH 15.01 13 (P) 54 42.00 2.1
 CNCB 15.32 6 P 54 45.00 0.8
 LPB 15.59 5 eP 54 47.00 -0.3
 ZOBO 15.83 5 P 54 50.00 -0.6
 RSTA 19.50 73 eP 55 41.50 8.7X
 SPA 58.04 180 ePg 00 54.20 -1.1
 0.9s 8.18nm 4.7mb
 GBA 144.62 114 PKP 10 34.00 -3.3X
 S.D. = 1.0 on 20 of 22 obs.

? SEP 23, 1992 12h 36m 03.50 ± 6.59s
 47.981 N ± 44.0km 11.354 E ± 28.8km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 2.1 (VIE).

MOTA 0.66 195 eP 36 16.70 0.0
 WATA 0.66 167 iPg 36 17.50 0.7
 WTTA 0.74 165 iPg 36 17.50 -0.7
 SOTA 0.77 187 eP 36 22.40 3.8X
 SCE 0.97 166 iPg 36 17.70 -4.4X
 KBA 1.62 123 iPg 36 32.40 0.0

23d 12h

SEP 23, 1992 12h 42m 51.94±2.29s
42.153 N ±19.3km 23.995 E ±11.7km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)
S.D. = 1.0 on 4 of 7 obs.

SRS 1.08 196 eP 43 11.20 -1.0
KNT 1.29 220 eP 43 14.02 -1.8
VAY 1.35 233 iPn 43 13.50 -3.3X
SOH 1.41 200 eP 43 19.66 1.9
GRG 1.69 226 eP 43 21.50 -0.2
THE 1.71 207 eP 43 24.42 2.6X
OUR 1.82 180 eP 43 24.32 0.9
SKO 1.91 265 iPn 43 25.20 0.3
ALN 1.99 129 eP 43 24.94 -1.0
PAIG 2.24 186 eP 43 30.46 0.9
OHR 2.61 248 ePn 43 28.00 -7.0X
S.D. = 1.5 on 8 of 11 obs.

? SEP 23, 1992 13h 11m 17.39±6.51s
57.955 N ±55.6km 6.294 E ±20.3km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
MD 2.6 (BER).

KMY 1.37 337 eP 11 42.93 0.4
ODD1 1.97 5 eP 11 51.45 0.3
EGD 2.39 347 eP 11 57.08 0.0
ASK 2.60 348 eP 11 59.88 -0.2
SUE 3.21 347 eP 12 07.93 -0.8
HYA 3.22 359 eP 12 09.59 0.6
NRA0 3.87 42 Pn 12 17.74 -0.5
HFS 4.40 57 eP 12 26.00 0.3
0.1s 0.50nm
S.D. = 0.6 on 8 of 8 obs.

* SEP 23, 1992 13h 12m 28.39±1.75s
48.241 N ±7.8km 9.059 E ±14.0km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (LDG), 2.3 (STR).

SLE 0.61 219 ePc 12 40.70 0.0
FEL 0.79 243 ePg 12 43.66 -0.2
LIBD 0.98 265 Pg 12 47.54 0.6
LANF 1.11 312 Pg 12 48.16 -1.1
WLS 1.15 279 Pg 12 49.75 -0.2
CDF 1.20 279 Pg 12 50.94 0.1
ECH 1.27 270 Pg 12 52.47 0.5
MOF 1.35 254 Pg 12 54.74 1.4
TOD 1.38 353 ePg 12 53.62 0.0
BSF 1.58 256 Pn 12 55.30 -1.2
HAU 1.83 264 Pn 12 59.30 -0.9
ABH 1.92 329 ePg 13 02.57 1.1
LOR 3.64 256 Pg 13 36.80 10.8X
LBF 3.66 252 Pg 13 37.90 11.6X
SSF 3.93 255 Pg 13 42.20 12.1X
S.D. = 0.9 on 12 of 15 obs.

SEP 23, 1992 13h 26m 52.37±0.35s
1.311 N ±5.4km 123.358 E ±7.7km

DEPTH = 37.4km (5 depth-phases)
4.9mb (11 obs.)
MINAHASSA PENINSULA, SULAWESI (265)

PCI 4.15 238 ePc 27 55.40 0.4
TSM 6.23 299 ePc 28 22.50 -1.8
CGP 7.22 11 eP 28 36.00 -2.2
BIP 7.45 23 ePd 28 41.00 -0.4
KKM 8.54 304 ePd 29 07.00 10.3X
PLP 9.92 9 ePd 29 17.20 1.6
MTN 16.04 151 eP 30 36.00 -1.0
CVP 16.36 355 ePd 30 47.00 6.0X
OIZ 22.03 324 eP 31 44.20 -1.4
IPM 22.54 279 ePd 31 52.00 1.4
MBL 22.60 189 eP 31 50.00 -1.1
GZH 23.73 337 P 32 03.60 1.5
LAT 24.89 109 eP 32 15.20 1.8
NANU 24.93 197 eP 32 12.00 -1.7
NNT 25.95 297 eP 32 21.00 -2.4
ASPA 26.86 158 eP 32 31.90 0.2
1.0s 7.70nm 4.3mb
Z 20s 0.60um 4.1Msz
WARB 27.52 174 eP 32 36.50 -1.1
MRWA 31.16 193 eP 33 06.00 -4.1X
KLB 33.15 189 eP 33 25.20 -2.3
CD2 34.81 330 eP 33 41.00 -0.9
RMO 36.94 140 eP 33 59.00 -0.9
1.2s 24.00nm 5.0mb
STKA 37.26 154 iPc 34 01.70 -0.8
MAT 37.65 20 eP 34 04.00 -1.8
1.1s 16.46nm 4.8mb
CMS 38.97 149 eP 34 16.00 -0.9
LZH 39.05 335 Pc 34 19.50 1.8
1.5s 43.00nm 5.0mb
BJI 39.10 351 eP 34 18.00 0.2
1.2s 33.00nm 5.0mb
HMC 40.78 346 P 34 31.20 -0.7
1.2s 16.00nm 4.6mb
BTO 40.94 344 eP 34 33.00 -0.1
ARMA 41.48 142 eP 34 38.00 0.3
LSA 41.65 316 eP 34 42.30 2.7X
BWA 42.62 149 eP 34 48.60 1.7
GTA 43.58 333 iPd 34 55.50 0.7
1.0s 44.00nm 5.2mb
CAN 43.62 149 iPc 35 08.00 46km
TOO 43.78 154 eP 35 05.70 34km
CNB 43.80 149 eP 35 57.00 1.2
1.1s 15.00nm 4.7mb
GUN 44.55 310 P 35 05.74 2.7X
PKI 44.74 309 P 35 07.76 3.1X
KKN 44.95 309 P 35 07.82 1.7
DMN 44.99 309 P 35 08.44 1.9
GKN 45.55 309 P 35 11.72 0.9
KOD 46.45 283 eP 35 18.80 0.5
HYB 46.85 293 eP 35 22.00 1.0
GBA 47.04 287 P 35 23.00 0.5
WMO 52.87 328 P 36 10.50 3.6X
Z 24s 1.71um 5.0MszX
IRK 53.23 346 ePc 36 09.00 -0.3
1.4s 14.00nm 4.8mb
KSH 57.42 317 P 36 20.20 38km
YAK 60.75 3 eP 37 00.00 -2.4
0.9s 51.00nm 5.7mb
OBN 87.07 325 eP 39 34.50 -0.8
SPA 91.30 180 iPc 39 56.90 1.6
0.9s 12.73nm 5.3mb
CNCB 160.98 145 ePKP 46 53.00 1.8
ZOB0 161.30 143 PKP 46 52.90 1.3
Z 24s 0.11um LR 03 22.00
S.D. = 1.4 on 43 of 51 obs.

SEP 23, 1992 13h 38m 35.20±0.10s
31.129 N ±2.0km 130.229 E ±2.3km
DEPTH = 160.7km (geophysicist)
5.7mb (165 obs.)

KYUSHU, JAPAN (235)
Depth from broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1: Strike=11 Dip=71 Slip=84
NP2: 209 20 107
Principal Axes:
T P1g=64 Azm=271
P 26 106
Comment: The focal mechanism is poorly controlled and corresponds to reverse faulting with a small right-lateral strike-slip component. The preferred fault plane is NP2.

MOMENT TENSOR SOLUTION
Dep 160 No. of sta: 6
Moment Tensor; Scale 10¹⁷ Nm
Mrr=0.26 Mtt=0.79
Mff=-1.04 Mrt=-1.26
Mrf=5.51 Mtf=2.64
Principal axes:
T Vol=5.32 P1g=44 Azm=287
N 1.64 23 173
P -6.97 37 64
Best Double Couple: Mo=6.1×10¹⁷
NP1: Strike=93 Dip=23 Slip=9
NP2: 354 86 113
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 16S, 22C
Centroid Location:
Origin Time 13:38:39.2 0.4
Lat 31.14N 0.06 Lon 130.16E 0.03
Dep 168.5 1.4 Half-duration 1.7
Moment Tensor; Scale 10¹⁷ Nm
Mrr=0.99 0.12 Mtt=-0.50 0.22
Mff=-0.49 0.19 Mrt=0.36 0.14
Mrf=3.41 0.12 Mtf=-1.52 0.18
Principal Axes:
T Vol=3.85 P1g=48 Azm=256
N 0.00 22 13
P -3.85 33 118
Best Double Couple: Mo=3.8×10¹⁷
NP1: Strike=261 Dip=24 Slip=160
NP2: 9 82 68

KAGJ 0.57 84 P 38 59.60 1.3
KUMJ 1.49 20 P 39 08.30 2.5X
SHNJ 3.08 14 iP+ 39 26.20 1.7
SHK 3.97 31 iPc 39 35.50 -0.5
1.0s 1200.00nm
TKSJ 4.30 48 iP+ 39 40.80 0.5
YONJ 4.87 33 iP+ 39 47.50 -0.4
SSE 7.75 272 P 40 27.00 0.7
1.0s 300.00nm 5.8mb
Z 12s 4.10um 5.7MszX
MAT 8.55 49 eP 41 52.00 0.0
1.6s 293.33nm 5.6mb
NJ2 9.75 278 Pd 40 54.80 2.2
DL2 10.48 320 P 41 04.00 1.8
1.2s 160.00nm 5.5mb
N 10s 4.51um
SNY 11.94 335 Pd 41 24.50 3.3X
1.4s 110.00nm 5.2mb
OZH 11.98 242 Pc 41 22.00 0.2
TIA 12.03 298 Pd 41 24.70 2.2
1.2s 300.00nm 5.7mb
E 11s 3.47um
CN2 13.20 345 Pc 41 41.00 3.5X

	1.0s	550.00nm	—	5.9mb	MDJ	13.47	358	eP	41	44.10	3.1X	WHN	13.66	272	iPc	41	44.00	0.6	BJI	14.47	312	eP	41	55.00	1.5	CVP	15.39	212	ePc	42	06.00	0.9	TIY	16.07	299	iPc	42	16.10	2.5X	HKC	16.81	242	iPc	42	23.30	0.8	GZH	17.02	246	iPd	42	25.00	0.0	BCP	17.07	213	eP	42	25.00	-0.7	MCO	17.38	243	eP	42	29.00	-0.4	HMC	17.92	308	iPc	42	36.40	0.9	Z	10s	2.54um	—	4.8MszX	E	10s	1.89um	—	4.8MszX	XAN	18.19	285	Pc	42	38.00	-0.4	Z	14s	2.92um	—	5.7mb	E	12s	2.32um	—	5.0MszX	QVP	18.48	209	ePc	42	41.80	0.3	YSS	18.55	28	eP	42	41.00	-1.0	Z	15s	1.00um	—	5.9mb	E	15s	0.60um	—	5.9mb	BTO	18.87	306	iPd	42	46.00	0.4	Z	12s	1.17um	—	5.5mb	E	12s	1.17um	—	5.5mb	TGy	18.98	209	ePc	42	46.00	-0.7	PGP	19.51	208	ePd	42	52.50	0.3	KUR	19.70	39	iPd	42	54.50	0.6	Z	10s	490.00nm	—	5.9mb	E	10s	490.00nm	—	5.9mb	PLP	20.45	195	ePd	43	01.70	-0.1	GYA	21.16	263	iPc	43	09.00	0.1	Z	12s	3.71um	—	6.1mb	E	12s	2.71um	—	4.9MszX	MAP	21.50	197	ePd	43	13.00	0.8	QIZ	22.00	242	Pc	43	17.50	0.5	Z	12s	230.00nm	—	5.5mb	E	12s	230.00nm	—	5.5mb	PJG	22.05	139	eP	43	17.90	0.4	GUA	22.11	139	eP	43	18.50	0.4	Z	0.9s	759.66nm	—	6.2mb	E	0.9s	759.66nm	—	6.2mb	LZH	22.49	290	iPc	43	22.50	0.6	Z	14s	2370.00nm	—	6.4mb	E	10s	1.47um	—	4.6MszX	CD2	22.67	276	iPc	43	24.00	0.5	Z	10s	0.98um	—	170kmX	E	10s	0.98um	—	170kmX																																																																																																																																																																																																																																																																																																																																															
	Z	11s	3.33um	—		4.3Msz	BIP	23.09	190	sP	44		16.00	—	CGP	23.14	194	ePd		43	27.00	-1.1	CIT	24.17	334		eP	43	39.00	1.2	KMI	24.93		263	eP	43	44.00	-1.3	GTA		26.08	297	iPc	43	55.00	-0.6		Z	14s	2.03um	—	4.8MszX	E		11s	2.76um	—	4.8MszX	ZAK	27.80		322	iPc	44	10.50	-0.3	Z		14s	1.37um	—	4.7MszX	N	13s		0.86um	—	4.7MszX	E		13s	0.96um	—	4.7MszX		KKM	28.20	211	ePc	44	14.50		-0.4	IRK	28.38	326		eP+	44	15.00	-1.2		N	11s	0.55um	—	5.1mb	BOD		28.91	342	eP	44	20.00	-0.8		TSM	29.12	206	ePc		44	23.00	0.0	LOE		29.25	249	ePc	44	23.50	-0.7		MOY	29.73	322	eP		44	27.90	-0.1	PET		30.05	35	eP	44	31.00	0.2		Z	16s	0.50um	—	4.2MszX	CHG		30.79	254	ePc	44	37.10	-0.6		YAK	30.90	360	iPc+		44	36.00	-2.2	1.5s		66.00nm	—	5.1mb	329kmX	NST	31.48		248	iPc	44	45.00	1.3	MGD		32.07	19	eP	44		47.00	-1.4	Z	12s		0.40um	—	4.3MszX	N	12s	0.30um		—	4.3MszX	E	12s	0.30um	—		4.3MszX	KHT	33.21	248		eP	44	59.50	0.8		UER	33.47	318	iP	45	00.00		-0.7	2.0s	72.00nm	—	5.0mb	NNT		33.61	243	iPc	45		02.90	0.7	LSA	33.62		278	Pc	45	03.00	0.3	2.0s		270.00nm	—	5.6mb	SHL		34.08	270	iP	45		05.00	-1.4	WMO	35.68	303	iPc		45	20.00	0.4	1.2s		140.00nm	—	5.5mb	Z	14s	1.04um	—	4.7MszX	IPM	38.10	232	ePc	45	41.00	0.9	1.0s	571.30nm	—	6.2mb	GUN	38.54	277	P	45	43.82	-0.3	0.4s	488.00nm	—	6.5mb	KLM	38.78	230	ePd	45	47.20	1.5	PKI	39.03	276	P	45	47.10	-1.1	0.6s	118.00nm	—	5.8mb	KKN	39.08	277	P	45	47.84	-0.6	0.7s	205.00nm	—	5.9mb	DMN	39.28	277	P	45	49.36	-0.7	0.6s	87.00nm	—	5.6mb	GKN	39.57	277	P	45	51.42	-0.9	0.6s	107.00nm	—	5.7mb																																																																																																																																																																																																																																																																		
	S	44	09.00	—		4.3Msz	S	44	16.00	—	4.3Msz		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44		16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44		16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44		16.00	—	S	44		16.00	—	S	44		16.00	—	S	44	16.00	—		S	44	16.00	—		S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00	—	S	44	16.00</

23d 13h

	0.6s	16.17nm	—	5.1mb		0.8s	110.00nm	—	5.7mb		GPA	77.39	309	eP	50	13.00	-0.8					
		epP	48	34.59	164kmX		eS	57	52.00		FAM	77.45	303	eP	50	14.00	-0.2					
IMA	56.38	28	iPc	48	01.37	-0.2	e	58	51.00		BURJ	77.46	300	P+	50	15.15	0.6					
	1.1s	13.91nm		4.8mb			iPc+	49	12.00	-0.8	MLR	77.48	316	eP	50	14.00	-0.4					
		ipP	48	39.35	164kmX		eS	57	49.00	6.2mb	HRT	77.54	310	iP	50	13.50	-1.2					
WARB	57.09	184	iPc	48	06.50	-0.3	e	58	49.00		SALJ	77.66	300	P+	50	16.39	0.8					
	0.4s	26.00nm		5.5mb			e	58	49.00		GBZT	77.71	310	iPc	50	16.20	0.7					
REF	57.18	35	eP	48	08.49	1.1		iP+	49	15.00	1.0	KFNJ	77.74	300	P+	50	16.81	1.0				
CPKM	57.33	34	iPc	48	07.86	-0.6		iPd	49	13.50	-0.6	OTRJ	77.76	299	P+	50	17.67	1.5				
CRP	57.37	34	eP	48	08.77	0.1		250.00nm		6.0mb	MASJ	77.78	300	Pd	50	16.70	0.5					
KDC	57.63	38	eP	48	09.23	-1.0		i	49	40.00	105kmX	BSD	77.86	328	iPc	50	15.80	-0.2				
	1.1s	55.07nm		5.4mb			i	50	06.00			0.7s	280.00nm			6.1mb						
		epP	48	47.31	164kmX		iPc	49	16.40	1.2	UZH	77.89	320	iPc	50	17.00	0.7					
MAIO	57.87	296	iPc	48	13.00	0.6		ePP	49	56.30			1.4s	550.00nm			6.1mb					
		i	48	53.00	173kmX		iPc	49	16.00	0.0	Z	17s	0.50um			4.9MsZx						
		eS	56	04.00			996.00nm		6.5mb				i	50	26.20	29kmX						
ASH	58.27	298	eP	48	15.00	0.0		isP	50	08.40			e	50	56.30							
	2.0s	550.00nm		6.1mb			iS	57	59.20			eS	00	55.00								
		e	49	10.00	245kmX		i	58	55.60			ePS	00	50.00								
		e	50	26.00			ePc	49	20.00	-0.7		eSS	04	55.00								
SLKM	58.40	35	eP	48	14.56	-1.1		350.00nm		5.9mb	GHZJ	77.90	298	Pd	50	17.24	0.3					
		epP	48	52.07	160kmX		Z	16s	0.70um	5.0MsZx	CSS	77.95	304	eP	50	17.00	0.0					
MEEK	58.50	192	eP	48	15.00	-1.7	E	16s	0.50um		BUC1	78.03	315	iPc	50	18.00	0.8					
	0.4s	22.00nm		5.4mb			e	49	44.00	93kmX	ZNT	78.04	300	iPc	50	18.40	0.9					
PMR	58.77	33	eP	48	16.82	-1.3		e	50	14.00		MTUR	78.15	316	eP	50	17.00	-1.0				
	0.9s	34.72nm		5.2mb			e	51	58.00		BMW	78.29	43	(P)	50	19.49	0.8					
		epP	48	55.00	163kmX		eS	58	04.00			(pP)	50	58.83	159kmX							
FBA	58.91	30	ePc	48	18.44	-0.7		e	58	52.00		OJC	78.35	322	iPd	50	19.50	0.6				
	0.7s	7.33nm		4.7mb X			i	59	00.00			0.9s	819.00nm			6.5mb						
		epP	48	56.83	164kmX		iPc	49	22.00	0.6	DHJN	78.37	284	iPc	50	21.00	1.1					
OLP	58.93	165	iPc	48	18.60	-1.0		ePP	50	02.00		COZ	78.53	316	iPc	50	20.50	0.3				
	0.3s	32.00nm		5.7mb			i	49	22.70	0.8	RMW	78.56	41	eP	50	21.33	1.1					
		i	49	08.10	217kmX		1.1s	23.00nm		4.9mb			epP	51	00.72	159kmX						
KAT	59.48	300	iP+	48	24.00	0.8	BFD	68.92	169	iPc	49	24.10	-0.3	BCK	78.62	307	eP	50	20.00	-0.7		
		e	49	06.00	181kmX		0.5s	18.00nm		5.1mb		PPCY	78.69	304	eP	50	20.20	-0.8				
		e	50	36.00			68.95	289	eP	49	25.00	0.1	ABHA	78.70	284	iPc	50	23.67	2.0			
		eS	56	21.00			69.09	331	iP	49	24.10	-1.0	DST	78.85	310	iP	50	22.30	0.4			
		e	00	14.00			0.6s	200.20nm		6.1mb		AYN	78.95	297	iPc	50	22.67	0.2				
RMO	59.97	161	iPc	48	26.50	-0.2	SOC	69.65	309	iPc+	49	28.50	-0.4	MBH	79.36	298	iPc	50	25.40	0.6		
	0.4s	7.00nm		4.9mb			3.0s	700.00nm		5.9mb		GZR	79.41	317	iPd	50	25.00	0.2				
KLU	60.30	33	ePc	48	28.40	-0.4		eS	58	22.00		ELL	79.45	307	iP	50	25.00	-0.3				
		epP	49	06.23	161kmX		TOO	69.82	167	iPc	49	30.80	0.9	HOL	79.48	298	iPc	50	25.33	0.0		
MRWA	61.52	194	eP	48	35.00	-2.2		0.5s	49.00nm		5.6mb		MUD	79.50	331	iPc	50	24.50	-0.4			
	0.4s	9.00nm		5.0mb			NUR	70.54	330	iP	49	33.10	-0.9		0.6s	100.00nm		5.7mb				
FORT	61.60	182	iPc	48	37.00	-0.6		eS	58	28.00		PSZ	79.62	320	iPc	50	26.20	0.3				
	0.6s	66.00nm		5.7mb			DAG	70.65	353	iPd	49	33.80	-0.7	KSP	79.79	324	iPc	50	26.90	0.3		
BRS	62.04	157	eP	48	37.00	-3.7X		1.1s	291.14nm		6.0mb			1.1s	360.00nm		6.0mb					
		e	48	41.00	13kmX		ANN	70.69	311	iP	49	34.00	-1.2	ALN	79.85	312	e(P)c	50	27.00	-0.1		
		i	49	20.50				0.9s	160.00nm		5.8mb		VGB	80.24	42	eP	50	29.89	0.7			
BALM	62.09	33	eP	48	40.05	-0.7		eS	58	31.00		EZN	80.24	311	eP	50	28.90	-0.3				
		epP	49	18.45	162kmX		MNK	72.34	323	iP	49	43.00	-1.8	BRNL	80.25	326	eP	50	25.00	-3.9X		
COOL	62.27	189	iPc	48	40.30	-1.8		1.5s	779.00nm		6.2mb			ed	50	29.70	15kmX					
	0.5s	46.00nm		5.6mb				eS	58	48.00		DPW	80.32	39	eP	50	30.60	1.0				
BAL	62.72	193	iPc	48	43.90	-1.2		e	59	30.00			epP	51	09.85	158kmX						
	0.6s	98.00nm		5.9mb			RYD	72.51	289	iPc	49	45.50	-0.9	BRN	80.33	326	ePc	50	30.50	1.1		
DZM	63.28	142	iPd	48	49.00	0.0		AKKT	72.65	307	eP	49	47.10	-0.1	IZM	80.39	309	iP	50	30.20	0.1	
KLB	63.49	192	eP	48	48.70	-1.4		MJMT	73.07	290	iPc	49	48.33	-1.3	AKU	80.44	347	iP	50	29.80	0.1	
STKA	63.58	169	iPc	48	50.60	-0.1		KVT	73.17	308	iP	49	51.50	1.5		1.3s	61.54nm		5.2mb			
STK	63.59	169	P	48	50.90	0.2		YKA	73.36	26	eP	49	50.60	0.0	SRO	80.55	321	iP	50	31.70	1.1	
BAK	63.77	303	iPc	48	54.00	2.1			0.7s	11.90nm		4.7mb		PRK	80.59	310	eP	50	31.10	0.1		
		iS	58	32.00			TRHT	73.41	307	eP	49	50.70	-0.8	NEW	80.68	39	eP	50	32.00	0.6		
CMS	64.01	165	iPc	48	53.90	0.4		JNW	74.00	347	iPc	49	55.00	0.8		0.8s	14.58nm		4.8mb			
	0.9s	17.00nm		5.0mb			CTK	74.18	308	iP	49	56.50	0.6		epP	51	11.00	157kmX				
MUN	64.15	193	eP	48	52.00	-2.4		KART	74.30	309	eP	49	57.40	0.6	BRG	80.94	325	iPc	50	33.00	0.3	
APA	64.19	335	iPc+	48	52.90	-1.4		OASM	74.37	291	iPc	49	57.00	-0.2		1.2s	150.00nm		5.6mb			
ARMA	64.50	160	eP	48	57.00	0.2		HFS	75.31	332	eP	50	00.20	-1.6		i	50	42.90	31kmX			
MAK	64.62	306	iP+	48	58.00	0.6			1.0s	184.80nm		5.8mb		ZST	80.97	321	iPc	50	34.10	1.3		
MBC	64.67	14	ePc	48	56.60	-0.7			Z	16s	0.37um	4.8MsZx		UZD	81.12	320	iPd	50	34.10	0.4		
	0.7s	10.00nm		4.8mb									CLL	81.13	326	iPc	50	33.90	0.3			
KBS	64.78	349	iPc	48	57.10	-0.9		ADAT	75.50	305	eP	50	05.60	2.2		1.0s	500.00nm		6.2mb			
KEV	65.55	338	iP	49	02.00	-0.9		NB2	75.70	334	P	50	02.90	-1.2	PRU	81.20	324	iPc	50	34.70	0.7	
	1.0s	176.00nm		5.9mb			DVR	75.84	310	iP	50	05.60	0.3		1.0s	133.50nm		5.6mb				
		eS	57	28.00			BBTK	75.97	308	iPc	50	06.00	-0.1		Z	17s	0.40um		4.8MsZx			
		e	58	32.00			SGKT	76.09	309	iP	50	07.00	0.1			pP	51	21.50	191kmX			
GRO	65.71	307	iPc+	49	04.00	-0.4		CLI	76.13	316	ePc	50	06.50	-0.3			sP	51	32.00			
	1.5s	320.00nm		6.0mb			PTT	76.47	317	eP	50	06.00	-2.6X			PcP	54	42.30				
N	16s	1.00um					NAL	76.77	309	iP	50	10.70	0.1			S	00	28.00				
E	18s	1.00um					BHL	76.78	302	P	50	08.00	-2.7X			eSS	01	40.00				
		epP	49	30.00	104kmX				SKS	00	34.00		SRS	81.29	313	e(P)c	50	34.50	-0.2			
		eS	57	33.00			VRI	76.81	316	iPc	50	10.50	0.0	VKA	81.35	322	iPc	50	36.50	1.7		
		eS	58	22.00			HRI	77.02	301	iPc	50	12.80	0.8	KOT	81.57	300	eP	50	36.00	-0.3		
ADE	66.23	172	iP	49	07.70	0.0		GYN	77.08	309	eP	50	12.30	0.0	VAY	81.81	314	iPc	50	37.40	0.0	
MOS	66.28	322	iPc	49	07.00	-0.8		CVO	77.17	316	eP	50	07.00	-5.5X		1.0s	264.00nm</					

23d 13h

SRU	90.16	43 eP	51	19.83	1.2	THE	3.10	2 ePh	49	47.52	IGT	3.80	71 ePn	42	51.86	0.0			
MFF	90.60	328 iPc	51	59.51	156kmX			eSn	49	15.40	-0.4	OHR	4.80	54 eP	43	35.10			
	1.1s	299.85nm		6.3mb		NPS	3.17	135 ePb	49	49.96		FNA	5.01	59 ePn	43	06.00	0.6		
AFR	90.68	110 iP	51	23.60	2.7X	KEK	3.24	313 ePn	49	22.00	5.0X			eSn	43	09.10	0.8		
	1.3s	75.00nm		5.6mb		SRN	3.24	317 ePn	49	17.20	-0.6	AGG	5.23	81 ePn	44	05.22			
RJF	90.80	327 iPc	51	21.20	0.0	SOH	3.31	7 ePn	49	29.60	11.8X			eSn	43	11.98	0.7		
	1.2s	173.15nm		6.0mb				eSn	49	19.40	0.5	LIT	5.55	70 ePn	44	09.90			
Z	22s	0.20um		4.5Msz		GRG	3.44	354 ePh	49	54.32				eSn	43	15.58	-0.1		
PPT	90.86	110 iP	51	24.60	2.8X	FNA	3.45	341 ePn	49	19.20	-1.5	SKO	5.69	49 iP	43	16.86			
	1.3s	55.00nm		5.5mb				eSn	49	21.80	1.0		0.5s	31.00nm		4.8mb	X		
PAE	90.91	110 iP	51	24.70	2.8X	TPE	3.54	322 ePh	49	59.44		GRG	5.79	61 ePn	43	19.12	0.3		
	1.3s	55.00nm		5.5mb		KNT	3.63	1 ePn	49	30.60	8.5X	VAY	6.06	59 iP	43	22.40	-0.2		
BST	90.97	331 P	51	21.07	-0.8			eSn	49	22.60	-0.8	KNT	6.21	61 ePn	43	24.62	-0.1		
TVO	91.24	110 iP	51	25.80	2.2	SRS	3.63	9 ePnd	50	02.52		PAIG	6.40	73 ePn	43	27.20	0.0		
	1.3s	40.00nm		5.4mb				eSn	50	23.56	0.2			eSn	44	36.26			
LPO	91.42	326 iPc	51	24.00	-0.1	VAY	3.79	357 iPh	49	03.36		SOH	6.40	65 ePn	43	26.98	-0.4		
	1.2s	50.60nm		5.5mb		BERA	3.89	325 ePh	49	44.50	-0.2	SRS	6.68	63 ePn	43	31.14	0.1		
LFF	91.44	327 iPc	51	24.40	0.3	OHR	3.91	337 ePh	49	39.20	12.1X	OUR	6.72	70 ePnc	43	31.18	-0.3		
	0.9s	83.55nm		5.8mb		VLO	3.93	319 ePh	49	28.10	0.6		S.D. = 0.8 on 25 of 25 obs.						
PV10	91.51	43 ePc	51	27.79	2.8X	ALN	4.18	35 ePh	49	40.00	12.4X		SEP 23, 1992 14h 52m 27.64±0.25s						
		iPp	52	08.00	158kmX	TIR	4.46	330 ePh	49	30.16	-1.0		6.163 S ± 4.1km 26.718 E ± 4.6km						
JAO	92.48	15 eP	51	27.50	-1.3	PHP	4.55	337 ePh	49	50.00	14.9X		DEPTH = 11.2km (13 depth phases)						
EGRA	94.01	326 eP	51	34.00	-2.0	SKO	4.57	347 ePh	49	44.50	8.9X		5.6mb (94 obs.) 5.1Msz (12 obs.)						
TUC	94.49	48 eP	51	40.09	1.6	LACI	4.77	330 ePn	50	45.30	-2.2	ZAIRE	(567)						
	1.6s	34.87nm		5.4mb			S.D. = 1.1 on 19 of 27 obs.												
ECRI	94.74	327 eP	51	39.50	0.0														
ETOR	95.91	326 eP	51	44.80	-0.1	? SEP 23, 1992 14h 13m 45.41±7.15s													
GUD	97.05	327 eP	51	50.00	-0.1	34.106 S ±39.6km 70.066 W ±48.9km													
TOL	97.59	326 iPd	51	52.60	0.2	DEPTH = 33.0km (normal)													
	1.3s	288.46nm		6.6mb		CHILE-ARGENTINA BORDER REGION (127)													
EVIA	97.81	325 eP	51	52.00	-1.5	CACH	0.44	268 iP+	13	54.42	-0.9		Felt at Kabolo.						
EHOR	99.79	326 eP	52	02.00	-0.4			iS	14	00.57			CENTROID, MOMENT TENSOR (HRV)						
EPUR	100.46	325 ePdiff	52	05.00	-0.3	CHCH	0.52	289 iPd	13	00.57	-0.8		Data Used: GDSN						
EVAL	100.70	327 ePdiff	52	06.00	-0.3			iS	14	02.95			L.P.B.: 23S, 39C						
EJIF	100.98	325 ePdiff	52	07.00	-0.6	PCH	0.61	322 iPd	13	55.57	-0.8		Centroid Location:						
MAW	110.40	202 PKP	56	50.20	1.5			iS	14	05.29			Origin Time 14:52:35.3 0.4						
SPA	120.96	180 iPKPc	57	09.90	0.8	FCH	0.80	346 iP+	14	02.95	-0.8		Lat 5.64S 0.05 Lon 26.48E 0.04						
	0.8s	21.67nm						iS	14	00.81	0.3		Dep 15.0 BDY Half-duration 1.5						
KIC	123.08	303 PKPc	57	13.88	-0.7	TACH	0.85	302 iP	14	00.81	0.3		Moment Tensor: Scale 10**17 Nm						
	0.6s	27.00nm						iS	14	12.09			Mrr=-2.03 0.06 Mtt=-0.16 0.08						
TIC	123.08	303 PKPc	57	13.86	-0.8	LNV	1.13	277 iPd	14	01.81	0.8		Mff= 2.19 0.08 Mrt=-0.88 0.19						
	1.3s	24.50nm						iS	14	13.38			Mrf= 0.37 0.25 Mtf= 0.92 0.06						
LIC	123.38	303 PKPc	57	14.48	-0.7		S.D. = 1.2 on 6 of 6 obs.						Principal Axes:						
	0.9s	53.00nm				% SEP 23, 1992 14h 16m 14.31±0.82s							T Val= 2.51 Plg= 1 Azm=289						
KDS	123.54	314 ePKP	57	14.50	-0.9	39.216 N ± 6.9km 27.744 E ± 8.2km							N -0.02 26 198						
NVL	128.35	202 ePKP	57	22.00	-1.1	DEPTH = 10.0km (geophysicist)							P -2.48 64 21						
	1.0s	94.00nm				TURKEY (366)							Best Double Couple: Mo=2.5*10**17						
SNA	132.88	200 e(PKP)	57	32.20	0.5	DST	0.79	60 ePn	16	21.06			NP1: Strike= 42 Dip=50 Slip= -55						
	0.9s	67.23nm				IZM	0.90	205 iPg	16	21.06			NP2: 176 51 -124						
AIA	144.70	169 ePKP	57	53.20	-0.1			iSg	16	21.06									
ZOBO	157.67	53 PKPc	58	16.00	1.4	EDC	1.13	5 ePn	16	31.70	-0.4	LWI	4.42	28 iPd	53	36.10	-0.2		
	1.7s	36.34nm				KCT	1.13	24 iPn	16	44.70	0.1	KRI	10.97	165 iPn	55	04.00	-3.8X		
LPB	157.86	53 PKP	58	16.20	1.6	BNT	1.15	7 ePn	16	35.30	-0.2			iSn	57	03.30			
CNCB	158.14	53 PKP	58	17.00	1.9	EZN	1.26	299 ePn	16	36.00	0.4	SONG	11.11	148 ePn	55	06.40	-3.2X		
CCH	159.79	51 ePKP	58	17.00	0.5		S.D. = 0.4 on 6 of 6 obs.							eSn	57	06.70			
														eSg	58	06.40			
BDF	164.51	353 PKPd	58	22.00	1.0	SEP 23, 1992 14h 41m 54.05±0.94s						BCAO	13.32	322 iPd	55	33.30	-6.0X		
						38.367 N ± 6.9km 15.693 E ± 7.7km							1.0s	205.00nm		6.1mb			
PPD	170.84	9 ePKP	58	26.60	1.5	DEPTH = 127.4 ± 11.9 km								i	55	37.00			
	S.D. = 0.9 on 419 of 440 obs.					SICILY (398)								iS	57	37.70			
SEP 23, 1992 13h 48m 26.01±0.82s						MD 3.8 (THE).								Lg	59	22.00			
37.530 N ± 6.7km 22.853 E ± 9.0km														BUL	14.02	173 iPnc	55	44.80	-3.8X
DEPTH = 10.0km (geophysicist)															iSn	58	10.50		
SOUTHERN GREECE (368)															iSg	59	30.00		
ML 3.3 (ATH). MD 3.1 (THE).														WIN	18.76	209 eP	56	51.00	1.9
VLI	0.81	175 ePg	48	42.00	0.2										S	00	20.00	5.6mb	
AGG	1.55	345 ePbd	48	54.52	0.9														
		eSb	49	13.08															
VLS	1.90	291 ePb	48	57.80	-1.0														
PAIG	2.48	15 ePnd	49	07.78	0.7														
		eSn	49	35.16															
LIT	2.58	354 ePn	49	08.32	-0.2														
		eSn	49	37.08															
IGT	2.81	316 eSn	49	12.84	1.0														
		eSn	49	42.48															
KZN	2.90	343 ePn	49	15.20	2.1														
OUR	2.94	17 ePn	49	14.26	0.8														
										</									

23d 15h

BCK	43.55	4	eP	00	33.60	0.4	BUC	50.35	359	ePc	01	30.00	3.6X	KAT	52.77	29	iP+	01	47.00	2.1
IZM	44.33	1	iP	00	40.70	1.2	MTA	50.42	18	eP	01	27.00	-0.1	Z	14s		1.60um			5.2MszX
PZI	44.36	346	P	00	40.77	1.0				e	01	30.00	10km	N	14s		1.50um			
	1.0s	303.60nm				6.1mb				eS	08	46.00		E	14s		1.40um			
MEU	44.43	347	P	00	42.40	2.0				e	11	17.00					e	02	52.00	303kmX
VLS	44.48	353	eP	00	41.00	0.3	ASS	50.64	347	P	01	30.20	1.4				e	03	49.00	
SOI	45.11	348	P	00	46.00	0.3	DRA	50.66	358	eP	01	30.00	1.2				ePPP	04	55.00	
AGG	45.14	355	e(P)	00	45.32	-0.7	ENIJ	50.72	330	iPd	01	31.52	2.0				eS	09	17.00	
GMB	45.24	348	P	00	47.56	0.6	SHE	50.74	22	iPc	01	30.50	1.0				e	11	30.00	
	0.1s	8.70nm				5.7mb				1.0s	200.00nm		6.0mb	CEY	52.82	349	eP	01	44.00	-1.3
MNO	45.27	347	P	00	49.54	2.2	Z	12s		7.00um			5.9MszX	ASH	52.85	31	eP	01	45.00	-0.5
	0.1s	13.00nm				5.8mb	E	11s		4.00um					1.5s	140.00nm				5.7mb
ATN	45.32	348	P	00	48.10	0.7				iS	08	50.00		TRI	52.92	349	e(P)	01	48.60	2.7X
GIB	45.49	346	P	00	49.90	1.0	AVE	50.87	323	iP	01	31.00	0.3				e(P)	03	48.00	
CVT	45.51	344	P	00	54.66	5.8X				i	01	41.00	33kmX				e(PPP)	04	52.00	
	1.3s	713.80nm				6.5mb	SOC	50.89	12	eP	01	30.00	-0.7				e(S)	09	16.00	
DST	45.57	2	iP	00	50.70	1.3				1.5s	100.00nm		5.5mb				e(SS)	12	52.00	
CRZF	45.61	156	e(P)	00	39.00	-10.6X	Z	13s		1.50um			5.2MszX				e(SSS)	15	16.00	
			e(S)	07	49.00		N	12s		1.60um							e(LR)	17	50.00	
			e(SSS)	11	06.00		E	12s		1.00um				EHOR	52.92	328	iPd	01	45.33	-0.8
EZN	45.76	360	eP	00	50.90	0.1				eS	08	49.00		KIS	52.98	2	iP-	01	47.00	0.7
GRI	45.76	349	P	00	51.45	0.5	BAK	51.00	23	iPc	01	36.00	4.5X	Z	16s		1.10um			5.0MszX
	1.0s	101.30nm				5.7mb				iS	08	58.00		N	17s		0.50um			
IGT	45.85	353	e(P)	00	51.72	0.2	EALH	51.04	331	eP	01	34.12	2.3	E	18s		1.00um			
PAIG	45.94	357	e(P)	00	52.44	0.2	ISR	51.07	360	eP	01	33.00	1.0				e	02	56.00	325kmX
KEK	46.09	353	eP	00	53.30	-0.2	MTUR	51.18	358	eP	01	19.00	-13.9X				e	03	48.00	
LIT	46.20	356	e(P)	00	53.16	-1.2	NKM	51.25	326	iPc	01	36.00	2.5				eS	09	16.00	
NAL	46.33	5	eP	00	56.50	1.0				i	01	37.50	5km	UZD	53.02	353	eP	01	47.00	0.4
OUR	46.33	357	e(P)	00	54.92	-0.4				i	01	40.00		LJU	53.10	349	e(P)	01	46.50	-0.8
GPA	46.34	4	eP	00	56.00	0.6				i	01	42.00		KOD	53.10	72	eP	01	50.00	1.9
GYN	46.43	4	eP	00	57.10	0.8	COZ	51.29	358	eP	01	32.50	-1.4	VOY	53.21	349	eP	01	47.60	-0.6
KZN	46.46	355	eP	00	56.20	-0.3	EGUA	51.30	329	eP	01	34.98	1.1	EVAL	53.55	327	eP	01	49.91	-0.8
TDS	46.59	349	P	00	59.50	2.1	MLR	51.43	359	ePc	01	34.00	-0.8	ETOR	53.70	333	iPc	01	52.17	0.3
TPE	46.64	353	eP	00	58.20	0.4	GZR	51.44	356	iPc	01	34.00	-0.9	GRBF	53.87	337	P	01	54.72	1.6
SVST	46.67	11	eP	00	58.90	0.7	ECOG	51.64	329	iPd	01	37.84	1.2	TOL	53.89	331	eP	01	53.70	0.5
THE	46.69	356	e(P)	00	59.60	1.5	MAL	51.66	328	eP	01	40.00	3.4X				ePP	04	11.00	
SGKT	46.76	6	eP	00	59.50	0.5				iS	09	04.00					iS	09	30.00	
HRT	46.83	3	iP	00	59.50	0.2	ANN	51.70	10	eP	01	35.00	-1.7	FVI	53.97	348	P	01	53.50	0.0
ALN	46.83	359	e(P)	00	58.72	-0.5	Z	12s		1.10um			5.1MszX	GBA	54.04	68	P	01	53.00	-1.6
SOH	46.85	357	e(P)	00	59.16	-0.4				eS	08	55.00		EGRA	54.07	335	iPc	01	52.37	-2.0
VLO	46.87	352	eP	01	01.00	1.4	CVO	51.75	360	eP	01	32.00	-5.2X	LESF	54.13	337	P	01	56.28	1.4
FNA	46.97	354	e(P)	01	00.20	-0.3	PII	51.77	345	P	01	37.90	0.6	PSZ	54.18	354	ePc	01	54.40	-0.9
ISK	47.05	2	eP	00	48.50	-12.4X	BOM	51.80	60	eP	01	42.80	4.9X				eS	09	30.00	
BERA	47.05	353	eP	01	02.50	1.5				eS	09	08.00		SRO	54.25	353	eP	01	55.00	-0.7
GRG	47.05	356	e(P)	01	01.20	0.1	OJEN	51.80	327	eP	01	40.00	2.2	KBA	54.32	349	iPc	01	55.90	-0.5
SRS	47.14	357	e(P)	01	00.12	-1.6	VR1	51.80	0	ePc	01	36.50	-1.0		1.3s	89.00nm				5.6mb
MGR	47.21	348	P	01	02.10	-0.2	TIM	51.90	355	iPd	01	43.00	4.8X	LPG	54.44	343	eP	01	56.10	-1.4
CTK	47.21	8	eP	01	02.30	-0.2	KIV	51.93	15	iPd	01	38.30	-0.4		0.7s	16.00nm				5.2mb
KNT	47.22	356	e(P)	01	02.32	-0.1				1.1s	180.00nm		5.9mb	LPL	54.47	343	eP	01	56.20	-1.4
DVR	47.34	5	eP	01	02.70	-0.7	Z	12s		1.01um			5.1MszX		54.44	343	eP	01	56.10	-1.4
OHR	47.35	354	iP	01	03.50	0.0				iS	09	04.90		EPF	54.50	336	eP	01	57.50	-0.2
	1.4s	124.00nm				5.8mb	PLAT	51.93	326	eP	01	42.00	3.2X		0.9s	59.30nm				5.6mb
VAY	47.40	356	iP	01	04.20	0.4	EJIF	52.02	327	eP	01	39.12	-0.2	GUD	54.53	331	iPd	01	57.84	-0.2
	1.2s	328.00nm				6.3mb	PYA	52.10	15	iPc	01	41.00	1.1	UZH	54.70	356	iP	01	58.00	-1.0
			i	01	06.00	6km	Z	12s		2.00um			5.4MszX		0.8s	95.00nm				5.9mb
BRT	47.62	350	P	01	05.40	-0.1				eS	09	07.00		Z	15s		1.00um			5.0MszX
TAB	47.64	21	eP	01	09.00	3.1X	EVIA	52.17	331	iPc	01	40.82	0.2	E	15s		1.50um			
AKKT	47.66	11	eP	01	06.20	0.1	GRO	52.19	17	eP	01	42.00	1.5				i	02	02.30	14km
SGO	47.66	348	P	01	05.30	-0.5	Z	12s		7.50um			5.9MszX				e	04	05.00	
TIR	47.69	353	iPc	01	06.00	-0.1	N	11s		2.50um							eS	09	40.00	
PHP	47.96	354	eP	01	08.50	0.3	E	15s		3.00um				ZST	54.78	352	eP	01	58.10	-1.5
LACI	48.00	353	eP	01	08.00	-0.5	ELUO	52.22	329	iPc	01	40.93	0.0	WTTA	54.84	347	eP	01	59.40	-0.9
ABA	48.14	334	iP	01	11.50	1.8	ECHE	52.22	333	iPd	01	42.05	1.2	SSB	54.93	341	P	02	00.41	-0.4
SKO	48.14	355	iP	01	09.20	-0.4	MAIO	52.23	34	iPc	01	41.00	-0.1	BHG	55.03	349	eP	02	00.30	-1.1
	1.3s	124.00nm				5.8mb				eS	09	19.00			0.9s	65.00nm				5.7mb
			i	03	06.00	675kmX	ALJ	52.26	327	eP	01	41.00	-0.3	EPLA	55.04	330	iPd	02	01.00	-0.6
			i	12	07.00		EPRU	52.27	328	iPd	01	40.78	-0.5	KMR	55.11	350	iP-	02	02.90	0.8
			i	13	34.00		EBAN	52.43	330	eP	01	42.17	-0.3	ECRI	55.34	334	eP	02	04.26	0.4
ULC	48.38	353	iPc	01	11.69	0.2	MAK	52.44	19	iP+	01	44.00	1.6	SPC	55.41	355	iP	02	03.90	-0.5
BCI	48.68	353	eP	01	14.60	0.9	Z	16s		1.70um			5.2MszX				e	30	42.20	
TTG	48.83	353	iPc	01	15.34	0.4	N	16s		1.00um				CAF	55.47	339	eP	02	04.30	-0.4
PVY	48.91	353	iPc	01	16.34	0.7	E	16s		2.20um					0.9s	40.60nm				5.5mb
HCY	48.95	352	iPc	01	17.05	1.2				e	02	52.00	321kmX	LPO	55.58	338	eP	02	05.00	-0.4
TIO	49.16	321	iP	01	18.80	1.0				(S)	09	12.00			1.0s	67.80nm				5.6mb
IVA	49.19	353	iPc	01	18.32	0.5	VBY	52.45	350	eP	01	43.30	0.9	FUR	55.78	348	eP	02	05.50	-1.4
NKY	49.25	353	iPc	01	18.59	0.4	RIY	52.45	349	e(P)	01	41.60	-0.8	GEC2	55.95	350	e(P)	02	05.80	-2.4
RDP	49.38	346	P	01	21.32	2.1	CLI	52.48	0	ePc	01	42.50	-0.2		0.9s	5.00nm				4.5mb X
	0.7s	235.00nm				6.3mb	POO	52.55	61	eP	01	54.00	10.3X	LFF	55.96	338	eP	02	07.80	-0.4
BRY	49.39	352	iPc	01	19.56	0.2	GIBL	52.56	327											

FEL	56.28	345 P	02 09.26	-1.3	UCC	-59.92	344 P	02 41.00	5.1X	-		e	04 32.00	
HYB	56.30	64 eP	02 10.50	-0.6	WTS	60.38	346 eP	02 39.00	0.0	BAO	73.67	256 e(P)	04 05.00	1.1
SMF	56.37	341 eP	02 10.10	-1.0		1.0s	39.00nm		5.5mb			e	04 12.00	22kmX
	0.8s	27.65nm		5.3mb	OBN	61.59	6 eP+	02 46.00	-1.2			e	04 22.00	
WET	56.39	349 iPc	02 10.60	-0.7		1.0s	52.00nm		5.6mb			e	04 32.00	
	1.5s	87.00nm		5.6mb	Z	20s	0.10um		4.0MszX			e	04 42.00	
MAF	56.42	340 eP	02 11.40	-0.1			i	03 28.50	182kmX	APA	73.69	3 eP	04 06.00	3.2X
	1.2s	94.30nm		5.7mb			e	05 02.00		WMO	74.00	41 eP	04 06.00	0.7
PAF	56.47	147 eP	02 28.00	16.2X			eS	11 08.00			1.2s	63.00nm		5.5mb
		eSS	13 59.00				e	12 39.00			Z	24s	1.43um	5.2MszX
		eSSS	16 15.00				eSS	15 10.00			N	10s	0.43um	
OJC	56.47	355 ePd	02 10.90	-0.9	MOS	62.34	7 iPd	02 51.00	-1.2			PP	06 54.00	
	0.9s	108.00nm		5.9mb		1.5s	220.00nm		6.1mb	KHT	74.21	73 eP	04 07.80	1.0
		i	02 15.50	15km	Z	15s	1.20um		5.2MszX	RSTA	74.52	246 eP	04 21.80	13.3X
BSF	56.56	344 P	02 11.46	-1.2			e	03 32.00	175kmX			e	04 26.70	16km
TCF	56.60	340 eP	02 12.50	-0.3			e	05 05.00		IPM	74.95	84 ePc	04 11.00	-0.3
	0.9s	48.30nm		5.5mb			e	11 18.00			1.1s	46.80nm		5.4mb
BGF	56.62	340 eP	02 12.20	-0.7	COP	62.75	351 eP	02 57.00	2.1	CHG	75.33	69 ePc	04 13.00	-0.3
	1.3s	51.25nm		5.4mb			eS	11 26.00			1.0s	33.25nm		5.3mb
LBF	56.63	342 eP	02 11.60	-1.4	MUD	64.05	349 iP	03 04.40	0.9	KEY	75.75	0 iP	04 14.20	-0.4
	1.0s	34.60nm		5.3mb		0.8s	23.00nm		5.4mb		1.0s	38.00nm		5.4mb
LBD	56.64	345 P	02 12.40	-0.6	KSH	64.22	41 P	03 05.00	-0.1	NST	75.83	72 eP	04 19.00	2.9X
AVF	56.65	341 eP	02 12.30	-0.8		1.2s	160.00nm		6.1mb	PPD	76.64	249 eP	04 21.00	0.3
	1.0s	59.60nm		5.6mb	Z	16s	2.73um		5.5MszX			e	04 25.10	13km
LSF	56.80	339 eP	02 13.80	-0.4	N	12s	1.43um			AKU	78.76	343 iP	04 35.20	3.7X
	1.4s	78.85nm		5.6mb	E	12s	1.17um				1.4s	65.12nm		5.5mb
ECH	56.81	344 P	02 13.32	-1.0	ECP	64.60	338 eP	03 06.30	-0.8	KMI	80.06	63 eP	04 40.00	0.4
HAU	56.84	344 eP	02 13.80	-0.7	ECB	64.90	338 eP	03 11.20	2.1		1.2s	50.00nm		5.4mb
Z	21s	0.88um		4.8Msz	ETA	64.96	339 eP	03 07.00	-2.4	GTA	80.99	49 iPd	04 45.00	0.8
SSF	56.84	341 eP	02 13.30	-1.2	PDCR	65.14	259 eP	03 21.20	9.9X		1.0s	99.00nm		5.8mb
	0.9s	21.45nm		5.2mb			e	03 23.70	8km		Z	24s	1.21um	5.2MszX
PRU	56.91	351 eP	02 13.00	-2.0			e	03 31.40		E	15s	0.83um		
	1.3s	15.80nm		4.9mb	NVL	65.22	185 eP	03 10.00	-0.9	UER	81.05	36 eP	04 44.00	0.0
Z	14s	0.70um		4.9MszX		1.2s	45.00nm		5.5mb		1.8s	27.00nm		5.0mb
N	14s	0.70um			Z	19s	1.50um		5.2Msz	CD2	82.12	58 eP	04 50.50	0.4
E	14s	0.70um			N	19s	1.00um				1.0s	39.00nm		5.5mb
		e	03 11.80	265kmX	E	19s	0.50um			LZH	83.29	53 eP	04 56.50	0.3
		e	05 42.00				e	03 14.00	13km		1.5s	19.00nm		5.1mb
LOR	56.92	342 eP	02 13.80	-1.3	FRU	65.28	37 eP	03 12.00	0.2	GYA	83.78	63 iPd	04 58.00	-0.9
	1.0s	37.60nm		5.4mb		2.0s	60.00nm		5.4mb		0.8s	31.00nm		5.6mb
Z	20s	1.00um		4.9Msz	Z	16s	1.00um		5.1MszX	SPA	83.88	180 iPc	05 00.50	1.9
WLS	56.94	345 P	02 14.05	-1.2			e	12 00.00			1.0s	84.50nm		5.9mb
CDF	56.96	345 P	02 13.94	-1.5	GKN	65.35	56 P	03 11.26	-1.4	Z	18s	1.43um		5.4Msz
VITF	57.14	344 P	02 15.71	-0.9	DLF	65.55	339 eP	03 12.90	-0.3	MOY	85.16	37 ePc	05 07.00	2.0
GRF	57.24	348 ePd	02 16.40	-0.9		0.9s	163.00nm		6.2mb		1.3s	124.00nm		6.0mb
	1.2s	80.00nm		5.6mb	DMN	65.59	56 P	03 12.94	-1.4	KBS	85.33	357 iPc	05 08.90	3.5X
Z	18s	0.70um		4.8Msz	KKN	65.80	56 P	03 14.26	-1.3	NRI	86.05	18 (P)	05 10.10	0.9
KSP	57.49	352 eP	02 15.50	-3.5X		1.1s	175.00nm		6.1mb		1.3s	29.00nm		5.3mb
	0.9s	22.00nm		5.2mb	PKI	65.82	56 P	03 14.62	-1.3	ZAK	86.22	39 eP	05 11.70	1.4
		ic	02 19.40	13km	DCN	65.86	338 eP	03 15.10	-0.1		1.3s	32.00nm		5.3mb
		e	04 22.80			0.9s	144.00nm		6.2mb	Z	16s	1.49um		5.5MszX
HOF	57.70	349 eP	02 19.90	-0.6	VAL	65.92	336 eP	03 12.00	-3.6X	E	16s	1.36um		
MFF	57.70	338 eP	02 19.90	-0.6	MAW	66.04	166 e(P)	03 15.00	-1.1			eS	15 50.00	
	1.0s	72.20nm		5.7mb		1.0s	50.00nm		5.7mb	NANU	86.57	112 eP	05 13.50	0.8
BRG	57.87	350 eP	02 21.20	-0.4	EKA	66.10	342 P	03 16.00	-0.7	DAG	86.75	351 iPd	05 12.90	0.4
	1.4s	48.00nm		5.3mb		0.9s	26.10nm		5.4mb		0.8s	16.42nm		5.3mb
		e	10 24.00		GUN	66.33	56 P	03 17.72	-1.5	XAN	86.99	55 P	05 15.00	0.4
MOX	58.07	349 eP	02 22.00	-1.1	NUR	66.48	359 eP	03 16.90	-2.1		0.8s	12.00nm		5.2mb
	1.4s	37.00nm		5.2mb		0.9s	30.70nm		5.5mb			sP	05 26.00	
Z	18s	0.60um		4.8Msz	SNA	66.74	190 iPc	03 21.20	0.6	IRK	87.30	37 eP-	05 14.00	-1.6
N	19s	1.00um				1.0s	240.00nm		6.3mb	Z	18s	0.44um		4.9Msz
E	21s	0.80um			HFS	66.89	353 eP	03 20.50	-1.2	N	12s	0.17um		
		eS	10 30.00			1.2s	31.70nm		5.4mb	E	20s	0.42um		
EMON	58.19	331 eP	02 25.20	1.1	Z	15s	0.66um		5.0MszX			eS	16 04.00	
STS	58.38	330 eP	02 24.98	-0.3			LR	29 50.00		BTO	88.90	49 eP	05 24.50	0.8
WLF	58.41	344 Pc	02 26.00	0.6	ARU	67.62	19 eP	03 25.50	-0.9	E	18s	0.88um		
CLL	58.45	350 eP	02 24.00	-1.7		1.6s	160.00nm		6.0mb			sP	05 30.50	
	1.6s	59.00nm		5.4mb	Z	14s	1.00um		5.2MszX			eSKS	15 54.00	
DOU	59.23	344 P	02 32.10	1.0	N	14s	0.50um			YJA	89.75	248 ePc	05 24.50	-4.0X
		S	10 39.00		E	14s	0.50um			TIY	90.35	52 eP	05 31.00	0.5
		e	15 07.00				e	03 58.00	133kmX	Z	20s	1.00um		5.2Msz
LPF	59.23	339 eP	02 30.30	-0.9			e	06 02.00		CCH	90.90	253 eP	05 37.00	3.3X
	1.2s	117.20nm		5.9mb	KAF	68.08	360 iP	03 28.00	-1.1	CNCB	92.71	253 P	05 43.20	0.9
LDF	59.39	340 eP	02 31.10	-1.2		0.8s	24.10nm		5.4mb	LPB	92.86	253 P	05 44.00	1.2
	1.3s	70.40nm		5.6mb	NB2	68.09	352 P	03 28.50	-0.8	Z	20s	1.77um		5.5Msz
GRR	59.47	339 eP	02 31.80	-1.0		1.3s	76.70nm		5.7mb			LR	37 36.00	
	1.0s	61.80nm		5.7mb	SVE	68.61	19 ePc	03 32.00	-0.6	CIT	92.89	38 eP	05 43.30	1.5
ENN	59.48	345 eP	02 34.00	1.2			ePPP	06 12.10		ZOBO	92.92	253 P	05 43.00	-0.4
	0.8s	8.00nm		4.9mb	BMA	70.01	248 eP	03 45.20	3.3X		1.0s	28.00nm		5.6mb
		e	03 22.00	210kmX	SHL	70.65	60 eP	03 45.50	-0.4	BJI	93.50	50 eP	05 47.00	2.2
FLN	59.65	339 eP	02 32.70	-1.4		1.2s	46.88nm		5.5mb	Z	22s	0.93um		5.2Msz
	0.9s	27.85nm		5.4mb	LSA	71.29	56 eP	03 50.00	0.0	BOD	93.82	32 ePd	05 44.30	-1.6
Z	21s	1.33um		5.0Msz	BDF	73.58	256 e(P)	04 07.00	3.6X		1.2s	29.00nm		5.5mb
NDI	59.68	52 iPc	02 34.50	-0.2			e	04 13.00	19km	PMG	118.67	104 ePd	11 07 41.00	2.9X
	0.8s	52.24nm		5.7mb			e	04 17.00		SES	123.58	329 ePKP	11 29.00	2.1
SNF	59.69	344 P	02 35.40	1.1			e	04 29.00						
MNK	59.84	1 eP	02 40.00	4.8X			e							

S.D. = 1.1 on 258 of 296 obs.

23d 15h

& SEP 23, 1992 15h 04m 00.00s
37.021 N 115.988 W
DEPTH = 0.0km
4.4mb (5 obs.)
SOUTHERN NEVADA (41)
<DOE>. ML 4.3 (BRK). 37° 01'
14.44" N., 115° 59' 16.48" W.,
Surface Elev. 1235 m., Depth of
Burial 426 m., Shot Time
150400.000, "DIVIDER," Nevada
Test Site (Dept. of Energy).

TPNV	0.22	251	eP	04	04.77	0.3
TNP	1.44	318	eP	04	26.88	-0.6
BONR	2.06	298	iPc	04	36.20	-0.4
ARUT	2.17	69	iPc	04	37.02	-1.0
ISA	2.42	237	ePc	04	40.55	-1.1
KVN	2.62	321	ePn	04	42.81	-1.8
FRI	2.98	271	iPc	04	49.14	-0.3
			eS	05	28.59	
SSK	3.13	207	ePn	04	50.50	-1.2
PEC	3.27	197	ePn	04	52.21	-1.3
MSU	3.37	63	ePnc	04	54.20	-1.0
ABL	3.40	231	ePn	04	53.63	-2.0
PLM	3.73	191	iPc	04	59.50	-0.8
PHAM	3.75	253	ePn	04	59.37	-1.0
BCH	3.79	242	eP	05	00.30	-0.8
FRI	3.87	258	iPc	05	01.29	-0.9
DUG	4.03	37	eP	05	02.93	-1.5
GLA	4.07	166	eP	05	03.34	-1.6
PRS	4.38	263	iPc	05	08.35	-1.0
SAO	4.38	268	iPd	05	08.94	-0.4
SRU	4.79	63	eP	05	15.17	-0.2
EMUT	4.93	54	(P)	05	18.09	0.7
DAU	5.02	46	eP	05	19.38	0.7
ORV	5.02	302	iPc	05	17.15	-1.3
BKS	5.04	282	ePd	05	29.11	10.4
PCC	5.12	277	eP	05	19.65	-0.2
HVU	5.36	27	eP	05	21.94	-1.5
MIN	5.51	309	iPc	05	25.57	0.1
LTCM	5.76	305	(P)	05	26.11	-2.8
WDC	6.23	307	eP	05	33.87	-1.6
LBFM	6.30	315	eP	05	36.20	-0.5
TUC	6.36	136	ePc	05	35.73	-1.7
PTI	6.47	24	(P)	05	37.65	-1.4
ALO	8.00	102	eP	05	59.30	-1.2
GOL	8.76	69	eP	06	11.56	0.4
LRM	9.18	16	eP	06	19.20	2.2
UYO	17.74	93	iPc	08	09.50	-0.5
FVM	20.29	80	eP	08	40.00	-0.1
	1.0s	11.00nm			4.1mb	
PMR	32.11	331	eP	10	29.05	-1.0
	0.8s	4.54nm			4.5mb	
FBA	33.66	336	eP	10	45.00	0.8
	0.8s	5.86nm			4.6mb	
SVW	34.57	327	eP	10	51.41	-0.8
	0.8s	5.05nm			4.4mb	
N82	73.25	24	P	15	32.80	-1.8
	0.8s	1.30nm			4.1mb	
	41 obs.	associated				

SEP 23, 1992 15h 32m 52.88± 0.08s
45.715 N ± 9.4km 14.084 E ± 5.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.3 (LJU), 2.2 (TRI).

TRI	0.22	269	ePg	32	57.40	-0.3
			iSg	33	03.30	
CEY	0.24	84	ePg	32	57.90	-0.1
			eSg	33	01.40	
VOY	0.34	337	ePg	33	00.50	0.5
			eSg	33	05.30	
LJU	0.45	44	iPg	33	01.60	-0.5
			eSg	33	07.10	
VBY	0.85	104	ePg	33	09.60	0.3
			iSg	33	21.50	
PTJ	1.32	81	ePn	33	17.50	0.1
			eSn	33	36.90	
	S.D. = 0.5	on 6 of 6 obs.				

& SEP 23, 1992 16h 28m 03.00s
39.680 N 120.253 W
DEPTH = 13.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.0 (BRK), 3.3 (GS).
Felt in the Loyalton area.

ORV	0.97	263	iPc	28	20.53	-0.7
			iS	28	33.29	
MIN	1.23	303	iPc	28	24.83	-0.9
			iS	28	40.96	
LTCM	1.53	291	eP	28	30.40	0.4
			eS	28	53.03	
CMB	1.65	184	iPd	28	31.63	-0.1
			S	28	52.93	
KVN	1.78	110	iPc	28	33.67	-0.2
			iS	28	57.64	
WDC	1.97	298	ePn	28	36.34	-0.1
			eS	29	03.78	
LBFM	2.08	324	eP	28	39.09	0.9
			eS	29	07.89	
BONR	2.30	138	ePn	28	42.50	1.0
			S	29	13.09	
BKS	2.38	221	eP	28	44.37	2.1
FRI	2.72	171	ePc	28	49.54	2.4
			iS	29	25.13	
PCC	2.74	218	iPc	28	50.50	3.1
TNP	2.86	123	ePn	28	49.01	-0.3
			eS	29	31.12	
GCC	2.98	208	eP	28	54.08	3.3
SAO	3.06	198	eP	28	52.41	0.5
FHC	3.07	293	(P)	28	51.52	-0.5
PRS	3.46	195	iPc	28	58.50	0.9
PRI	3.55	185	ePc	29	06.78	7.8
TPNV	4.16	130	(P)	29	23.92	16.1
			eS	30	12.61	
ISA	4.25	160	ePn	29	11.25	2.3
			eS	30	13.48	
MSU	6.39	98	ePc	29	37.99	-1.4
	20 obs.	associated				

& SEP 23, 1992 16h 29m 43.80s
39.683 N 120.230 W
DEPTH = 17.0km
NORTHERN CALIFORNIA (36)
<BRK>. ML 3.4 (BRK), 3.6 (GS).
Felt (11) at Colpine. Also felt
in the Loyalton area.

ORV	0.99	263	iPc	30	01.68	-0.4
			eS	30	14.62	
MIN	1.25	302	iPc	30	05.93	-0.6
			eS	30	22.15	
LTCM	1.55	290	eP	30	11.51	0.9
			eS	30	34.73	
CMB	1.65	184	iPd	30	12.74	0.5
			S	30	34.13	
			Lg	30	41.19	
KVN	1.77	110	iPd	30	14.88	0.8
			eS	30	38.79	
WDC	1.98	298	eP	30	17.81	0.8
LBFM	2.09	323	eP	30	20.51	1.8
			eS	30	48.07	
BONR	2.29	138	ePn	30	22.32	0.6
			S	30	56.63	
BKS	2.39	222	eP	30	24.20	1.4
FRI	2.72	171	ePc	30	29.12	1.6
			eS	31	03.43	
PCC	2.76	218	eP	30	29.80	1.8
TNP	2.84	123	(P)	30	28.73	-0.7
			eS	31	09.57	
GCC	2.99	208	eP	30	32.67	1.4
SAO	3.07	199	eP	30	33.53	1.1
FHC	3.08	292	(P)	30	32.44	-0.2
PRS	3.46	195	eP	30	39.45	1.4
TPNV	4.15	130	ePg	31	03.58	15.6
			eS	31	53.94	
ISA	4.25	160	(P)	30	51.01	1.7
			eS	31	54.06	
ARUT	5.64	107	(P)	31	08.64	-0.4
MSU	6.37	98	ePc	31	19.14	-0.4
	20 obs.	associated				

SEP 23, 1992 16h 49m 43.61± 4.45s
23.902 S ± 21.1km 179.528 E ± 28.9km
DEPTH = 644.0 ± 44.2 km
5.0mb (18 obs.)

SOUTH OF FIJI ISLANDS (171)
BRS 24.35 256 iPc 54 16.00 -0.1
1.0s 5.00nm 4.1mb
ARMA 25.62 249 iPc 54 27.90 0.6
0.4s 12.00nm 4.9mb
RMO 27.93 258 iPd 54 48.10 0.8

-	0.7s	39.00nm			5.1mb	
CNB	28.48	240 iPc	54	52.20	0.2	
	0.8s	53.00nm			5.2mb	
CAN	28.77	240 iPd	54	54.50	0.1	
BWA	29.02	242 iPd	54	54.50	-2.0	
CMS	30.69	248 iPd	55	11.00	0.4	
	0.6s	21.00nm			4.9mb	
CTA	31.04	270 iPd	55	14.00	0.3	
	0.5s	24.65nm			5.1mb	
QLP	31.97	258 iPd	55	21.60	0.2	
	0.3s	31.00nm			5.4mb	
TOO	32.08	237 iPd	55	22.50	0.2	
	0.3s	64.00nm			5.7mb	
STKA	34.32	248 iPd	55	41.50	0.6	
ADE	36.99	243 eP	56	03.20	0.4	
ASPA	41.61	261 iPd	56	40.10	0.2	
	0.6s	55.70nm			5.2mb	
		eS	02	20.90		
FORT	45.91	250 iPd	57	12.80	-0.1	
	0.4s	44.00nm			5.3mb	
MTN	47.03	275 eP	57	20.50	-1.1	
WARB	47.70	256 iPd	57	26.10	-0.4	
	0.3s	7.00nm			4.6mb	
KNA	48.23	270 eP	57	29.60	-0.9	
COOL	51.81	249 eP	57	55.90	-0.6	
KLB	54.58	247 iPd	58	16.00	0.0	
MEEK	54.70	253 eP	58	16.00	-0.9	
MBL	54.85	260 eP	58	17.30	-0.7	
	0.4s	15.00nm			4.6mb	
BAL	55.63	248 iPd	58	23.00	-0.2	
	0.4s	37.00nm			5.0mb	
MUN	55.83	247 eP	58	24.60	0.0	
MRWA	56.48	250 eP	58	29.20	0.2	
	0.5s	45.00nm			5.0mb	
NANU	58.36	257 iPd	58	42.70	1.0	
	0.4s	96.00nm			5.4mb	
SPA	66.24	180 iPd	59	31.70	0.1	
	1.0s	25.00nm			4.6mb	
MAW	77.60	201 iPd	00	36.80	0.7	
	1.0s	24.00nm			4.7mb	
CHG	89.27	291 ePd	01	37.00	2.6	
	1.0s	12.00nm			4.7mb	
KAF	137.71	342 iPKP	07	56.90	-0.3	
	0.6s	2.50nm				
HFS	142.46	348 ePKP	08	00.50	-5.2x	
	0.4s	7.20nm				
CSS	148.70	298 ePKP	08	21.90	5.2x	
OJC	149.35	334 ePKP	08	22.30	5.1x	
KSP	150.13	338 iPKPd	08	23.90	5.5x	
CLL	150.73	343 iPKPd	08	24.70	5.5x	
	0.8s	19.00nm				
GEC2	152.71	339 ePKP	08	21.30	-1.0	
	0.8s	0.54nm				
BCAO	153.35	226 iPKPd	08	24.00	-0.1	
	0.8s	21.00nm				
		i	08	49.00		
	S.D. = 0.8	on 31 of 36 obs				

% SEP 23, 1992 16h 50m 15.45± 0.50s
42.736 N ± 4.5km 19.257 E ± 3.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

NKY	0.21	292	iPg	50	20.39	0.4
			iSg	50	24.10	
TTG	0.31	179	iPg	50	21.55	-0.3
			iSg	50	26.68	
IVA	0.49	74	iPg	50	24.95	-0.5
			iSg	50	32.58	
PVY	0.55	105	iPg	50	26.08	-0.5
			iSg	50	34.60	
BRY	0.55	288	iPg	50	25.98	-0.6
			iSg	50	34.59	
BDV	0.55	215	iPg	50	26.08	-0.6
			iSg	50	34.69	
PLE	0.60	10	iPg	50	26.73	-1.0
			iSg	50	36.19	
HGY	0.63	243	iPg	50	27.38	-0.7
</						

23d 17h

5.1mb (15 obs.) TONGA ISLANDS REGION (174)						MOX 151.53 351 ePKP 23 40.20 6.7X 1.6s 16.00nm PRU 151.65 347 ePKP 23 40.00 6.4X e 23 51.50						COOL 23.34 173 eP 15 25.00 -0.1 KLB 23.84 180 eP 15 31.00 1.1 S.D. = 1.3 on 8 of 8 obs.							
DZM	17.13	268	iPc	07	51.90	2.7	PSZ	152.05	338	ePKP	23	48.10	13.7X	? SEP 23, 1992 18h 20m 27.03± 2.70s 34.620 S ±26.4km 70.382 W ±24.9km DEPTH = 120.0km (geophysicist)					
ARMA	30.73	248	eP	10	03.50	0.0	SAGI	152.39	292	ePKP	23	43.20	7.8X	CHILE-ARGENTINA BORDER REGION (127)					
RMO	33.08	256	eP	10	23.00	-0.9	DOU	152.56	0	PKP	23	34.40	-0.5	CACH 0.53 340 iPd 20 45.67 0.1					
CAN	33.73	240	eP	10	30.80	1.3	KHC	152.66	348	PKP	23	42.50	7.3X	CHCH 0.72 342 iP+ 20 46.74 -0.1					
BWA	34.02	242	eP	10	29.90	-2.1		1.2s	5.50nm					PCH 1.00 354 iP+ 20 49.48 0.0					
CMS	35.80	247	eP	10	46.40	-0.7		e	23	53.50				TACH 1.07 334 iPd 20 49.91 -0.2					
CTA	36.06	267	iPd	10	48.00	-1.5	ZST	152.68	342	e(PKP)	23	54.90	19.8X	LNV 1.08 308 iPd 20 50.25 0.1					
TOO	36.97	237	eP	10	57.50	0.5	GEC2	152.91	347	ePKP	23	43.40	7.8X	FCH 1.29 3 iPd 20 52.82 0.0					
QLP	37.13	255	eP	11	03.00	4.7X		1.2s	3.27nm					PEL 1.49 350 (P) 20 54.70 -0.1					
STKA	39.42	247	eP	11	16.10	-1.4	WLF	152.98	358	PKP	23	47.00	11.5X	ROCH 1.73 342 (P) 20 57.70 -0.1					
STK	39.43	247	P	11	17.79	0.3	FLN	153.54	8	ePKP	23	40.40	4.1X	JACH 1.94 355 iP 21 00.59 0.3					
ASPA	46.75	258	P	12	15.30	-1.6		1.1s	15.15nm					S.D. = 0.2 on 9 of 9 obs.					
PJG	53.26	309	eP	13	04.50	-2.0	LDF	153.76	8	ePKP	23	43.60	7.0X	? SEP 23, 1992 18h 54m 50.22± 2.51s 11.439 N ±31.0km 88.491 W ±56.2km DEPTH = 33.0km (normal)					
MBL	60.00	258	eP	13	52.00	-2.5	BCAO	157.66	218	iPKPc	23	42.50	-0.3	4.1mb (1 obs.) OFF COAST OF CENTRAL AMERICA (76)					
SPA	67.53	180	iPd	14	44.00	0.6		1.1s	17.00nm					UYO 23.27 347 iPc 59 56.00 0.2					
MAT	73.54	322	eP	15	18.00	-1.8		i	24	14.50				ULM 39.17 352 eP 02 19.50 2.9X					
BCH	77.57	43	eP	15	42.54	-0.3	S.D. = 1.1 on 50 of 73 obs.						LMN 39.79 26 eP 02 22.00 0.2						
ISA	78.89	44	ePc	15	49.32	-0.7	% SEP 23, 1992 17h 08m 59.49± 0.65s 44.465 N ± 6.2km 7.226 E ± 8.0km DEPTH = 10.0km (geophysicist)						BAD 48.28 123 Pc 03 30.30 -0.4						
CMB	79.19	41	eP	15	50.55	-1.0	NORTHERN ITALY (545)						e 03 34.20						
WDC	79.59	38	ePc	15	53.27	-0.3	ML 1.7 (GEN).						e 03 39.50						
	1.1s	10.00nm			4.7mb		PZZ	0.10	294	P		09 02.07	-0.2	BDF 48.37 123 e(P) 03 32.00 0.6					
GLA	79.75	48	ePd	15	54.34	-0.3	STV	0.23	162	P		09 04.64	0.1	e 03 36.00					
BONR	80.42	42	ePc	15	58.19	-0.3		S			09 07.92			GEC2 89.36 40 eP 07 44.40 -0.6					
LBFM	80.46	38	eP	15	58.40	-0.1	ENR	0.28	150	P		09 05.25	-0.1	HYB 148.60 24 ePKP 14 36.00 3.4X					
MAW	80.51	199	iP	15	59.00	1.0		S			09 09.15			CHG 149.06 346 ePKP 14 39.00 5.7X					
	1.0s	25.00nm			5.1mb		BHB	0.38	4	P		09 07.20	-0.1	GBA 151.47 38 PKP 14 44.00 7.1X					
BMW	83.19	33	eP	16	12.87	0.5		S			09 07.20	-0.1	S.D. = 0.7 on 5 of 9 obs.						
ARUT	83.40	45	ePc	16	13.90	0.1	ROB	0.49	110	P		09 09.45	0.0	? SEP 23, 1992 19h 19m 04.04± 4.51s 34.565 S ±28.9km 70.363 W ±16.8km DEPTH = 10.0km (geophysicist)					
SHW	83.51	34	(P)	16	15.21	1.1		S			09 07.20	-0.1	CHILE-ARGENTINA BORDER REGION (127)						
MDJ	83.82	324	eP	16	16.80	1.3	RRL	0.55	325	P		09 11.10	0.2	CACH 0.49 336 iP+ 19 13.97 0.0					
GMW	84.14	33	(P)	16	17.08	0.0		S			09 12.63			CHCH 0.67 339 iP+ 19 17.59 0.1					
RMW	84.58	33	eP	16	19.50	0.2	S.D. = 0.2 on 6 of 6 obs.						PCH 0.95 352 (P) 19 21.83 -0.4						
MSU	84.63	45	eP	16	19.98	-0.1	% SEP 23, 1992 17h 56m 06.83s 35.011 N 116.959 W						TACH 1.03 332 iP+ 19 23.59 0.1						
SLKM	85.25	12	eP	16	21.95	-0.4	CENTRAL CALIFORNIA (39)						LNV 1.06 305 iPd 19 23.96 0.0						
CPKM	85.58	11	eP	16	22.93	-1.3	<PAS-P>. ML 3.2 (PAS), 3.0 (GS).						FCH 1.24 3 iP+ 19 27.40 0.2						
CRP	85.60	11	eP	16	23.40	-0.9	Felt (11) at Doggett.						PEL 1.44 349 (P) 19 30.50 0.2						
CN2	85.65	321	P	16	25.40	0.8	SSK	1.00	217	ePd	56	25.25	-1.2	ROCH 1.68 341 (P) 19 33.50 -0.3					
	1.6s	46.00nm			5.3mb			S			56 38.96			S.D. = 0.3 on 8 of 8 obs.					
IPM	86.15	277	ePd	16	28.80	1.0	PEC	1.13	189	ePd	56	27.53	-1.0	% SEP 23, 1992 19h 19m 17.36± 3.18s 44.863 N ± 8.2km 6.646 E ±23.7km DEPTH = 10.0km (geophysicist)					
TTA	86.57	9	eP	16	29.36	0.5		eS			56 42.59			FRANCE (538)					
	1.1s	9.79nm			4.8mb		ISA	1.40	298	ePnc	56	31.55	-1.6	RRL 0.11 60 P 19 20.40 -0.1					
ALO	86.61	50	ePc	16	30.18	0.3	PLM	1.66	177	eP	56	35.92	-1.0	S 19 22.35					
	1.0s	11.21nm			4.9mb			eS			56 59.15			BHB 0.44 93 P 19 26.24 -0.1					
SNA	87.19	178	iPd	16	31.90	0.1	ABL	1.87	266	ePn	56	37.64	-2.4	PZZ 0.48 138 P 19 27.27 0.1					
	1.2s	62.50nm			5.6mb			iPg			56 41.08			S 19 34.45					
BALM	87.44	15	eP	16	32.73	-0.5	TPNV	2.02	16	ePn	56	41.71	-0.5	19 28.00					
BJI	89.32	314	eP	16	43.00	0.6	BCH	2.57	275	ePn	56	48.09	-1.9	RSP 0.52 56 P 19 28.00 0.1					
	2.0s	74.00nm			5.6mb		GLA	2.64	137	(Pn)	56	51.05	0.1						
GYA	90.07	299	eP	16	47.60	1.2	TNP	3.07	356	ePn	56	56.17	-1.1						
TIY	90.73	311	eP	16	50.50	1.4	BONR	3.13	340	ePn	56	57.20	-0.9						
XAN	91.59	306	Pc	16	54.00	0.9		ePg			57 06.88								
	0.8s	13.00nm			5.4mb		ARUT	3.97	45	ePn	57	09.22	-0.7						
SES	91.97	35	eP	16	54.00	-0.5	MSU	5.19	46	ePn	57	26.70	-0.7						
KMI	92.74	296	eP	17	00.00	1.1	12 obs. associated												
	1.5s	40.00nm			5.6mb		? SEP 23, 1992 18h 10m 18.79± 5.86s 7.631 S ±58.5km 117.833 E ±33.3km DEPTH = 33.0km (normal)												
MHC	92.79	313	P	17	02.40	3.8X	BALI SEA (278)												
CHG	93.53	289	eP	17	04.00	1.7	MBL	13.59	172	eP	13	31.00	-0.7						
LZH	96.22	306	eP	17	15.00	0.5		eS			15 40.00								
	2.0s	24.00nm			5.4mb		MTN	14.07	113	eP	13	39.00	1.0						
HFS	142.00	353	ePKP	23	11.50	-6.2X	NANU	15.01	188	eP	13	52.00	1.7						
	0.4s	0.90nm						eS			16 17.00								
EKA	146.76	8	PKP	23	28.00	2.1	WARB	20.27	157	eP	14	53.60	-0.8						
	1.1s	9.90nm						0.5s	10.00nm			4.4mb							
OJC	150.08	341	ePKP	23	36.70	5.4X	MRWA	21.54	184	eP	15	06.00	-1.4						
	e				23 51.70		ASPA	22.18	138	iPc	15	13.10	-0.7						
KSP	150.46	345	ePKPc	23	38.00			0.4s	7.20nm			4.5mb							
WTS	150.63	358	ePKP	23	38.50	6.5X		eS			19 06.80								
	0.8s	10.00nm					? SEP 23, 1992 19h 19m 17.36± 3.18s 44.863 N ± 8.2km 6.646 E ±23.7km DEPTH = 10.0km (geophysicist)												
CLL	150.67	350	iPKPc	23	38.00	5.9X	FRANCE (538)												
	1.2s	21.00nm					ML 1.6 (GEN).												
VRI	150.81	328	ePKPd	23	40.00	7.5X	MBL	13.59	172	eP	13	31.00	-0.7						
SPC	150.84	339	ePKP	23	39.30	6.6X	MTN	14.07	113	eP	13	39.00	1.0						
HRI	150.90	298	ePKP	23	40.40	7.2X	NANU	15.01	188	eP	13	52.00	1.7						
BRG	150.93	348	iPKP	23	38.50	6.0X		eS			16 17.00								
	2.0s	44.00nm					WARB	20.27	157	eP	14	53.60	-0.8						
MLR	151.47	328	ePKP	23	41.00	7.3X		0.5s	10.00nm			4.4mb							
JVI	151.51	296	ePKP	23	41.50	7.4X		eS			19 06.80								

23d 19h

LSD 0.70 31 P 19 35.06
S 19 31.27 0.0
S 19 39.88
S.D. = 0.1 on 5 of 5 obs.

% SEP 23, 1992 19h 23m 46.57±3.16s
44.858 N ± 8.2km 6.648 E ± 23.6km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 1.6 (GEN).

RRL 0.12 57 P 23 49.60 -0.1

BHB 0.44 92 P 23 55.45 -0.1

PZZ 0.48 137 P 23 56.37 0.0

RSP 0.52 56 P 23 57.30 0.1

LSD 0.70 31 P 24 00.58 0.0

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

% SEP 23, 1992 20h 05m 07.26s
35.095 N 116.722 W

DEPTH = 0.1km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 3.0 (PAS).

SSK 1.19 222 iPd 05 29.50 -1.0

PEC 1.25 197 eP 05 30.51 -1.0

ISA 1.54 292 ePn 05 33.75 -2.4

PLM 1.74 184 ePnc 05 37.82 -1.3

ABL 2.07 264 ePn 05 42.93 -0.9

GLA 2.57 142 ePn 05 51.52 0.6

BCH 2.76 273 eP 05 51.47 -2.2

MSU 5.00 46 (P) 06 26.12 0.6

8 obs. associated

% SEP 23, 1992 20h 13m 45.20±0.67s
40.365 N ± 6.9km 28.637 E ± 5.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

KCT 0.24 242 iPg 13 50.40 0.0

BNT 0.55 269 iPg 13 55.90 -0.4

EDC 0.59 269 iPg 13 56.80 -0.4

DST 0.76 181 iPg 14 00.90 0.8

HRT 0.91 59 iPg 14 02.40 -0.2

DMK 1.60 336 ePn 14 14.30 0.7

ALT 1.73 139 ePn 14 15.00 -0.6

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

% SEP 23, 1992 20h 23m 34.00±1.18s
6.467 S ± 14.1km 146.963 E ± 13.7km
DEPTH = 89.6 ± 14.7 km
4.0mb (1 obs.)

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

LAT 0.20 169 iPc 23 47.80 -0.5

FINC 0.90 100 eP 23 52.80 0.0

MDG 1.69 316 eP 24 02.90 0.3

PMG 2.93 176 iPc 24 20.00 0.6

MNDI 3.30 275 eP 24 24.70 0.0

ASPA 21.22 215 eP 28 13.90 -0.5

0.7s 5.40nm 4.0mb
S.D. = 0.7 on 6 of 6 obs.

% SEP 23, 1992 20h 29m 35.64±1.08s
41.913 N ± 17.4km 73.277 E ± 14.8km
DEPTH = 33.0km (normol)
3.8mb (2 obs.)

KYRGYZSTAN (716)

MAIO 12.08 247 eP 32 28.00 -0.4

NDI 13.58 165 iPc 32 48.70 0.4

0.5s 28.17nm 5.4mb X
GKN 16.69 143 P 33 29.00 0.3
KKK 17.17 141 P 33 35.40 0.7
DMN 17.24 142 P 33 37.20 1.5
GUN 17.35 140 P 33 34.40 -2.8
PKI 17.41 141 P 33 38.00 0.1
NB2 41.27 319 P 37 18.50 -0.5
0.7s 1.90nm 3.9mb
GEC2 41.47 301 eP 37 21.80 0.9
0.7s 1.09nm 3.7mb

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

SEP 23, 1992 20h 43m 21.19±0.42s
44.928 N ± 3.5km 6.737 E ± 4.6km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 2.6 (GEN), 2.5 (LDG).

RRL 0.03 103 P 43 23.39 -0.1

BHB 0.38 103 P 43 25.33 0.2

RSP 0.43 59 P 43 30.72 0.7

PZZ 0.50 148 P 43 30.05 -1.3

LPG 0.57 1 Pg 43 37.41 0.1

LPL 0.59 360 Pg 43 33.10 -0.2

LSD 0.61 29 P 43 42.20 0.1

STV 0.80 148 P 43 33.68 0.1

ENR 0.85 145 P 43 42.77 -0.9

ROB 1.03 128 P 43 35.96 -0.9

SBF 1.18 155 Pg 43 46.16 -0.9

IMI 1.31 141 P 43 36.80 -0.3

PCP 1.35 106 P 43 40.35 -0.3

FRF 1.37 183 Pg 43 45.28 0.3

LRG 1.50 191 Pg 43 46.33 0.2

LMR 1.60 186 Pg 43 44.80 0.5

SMF 2.66 311 Pn 43 44.70 0.8

LBF 2.82 318 Pn 43 50.40 0.8

BGF 3.17 302 Pn 43 40.00 -0.9

S.D. = 0.9 on 19 of 19 obs.

SEP 23, 1992 20h 45m 40.06±0.31s
44.904 N ± 2.7km 6.770 E ± 3.5km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 2.7 (GEN), 2.6 (LDG).

RRL 0.02 33 P 45 44.80 0.0

BHB 0.36 100 P 45 42.22 0.7

RSP 0.43 54 P 45 44.14 0.7

PZZ 0.46 149 P 45 48.10 0.8

LPG 0.59 359 Pg 45 49.55 0.8

LPL 0.61 358 Pg 45 56.70 0.6

LSD 0.62 26 P 45 48.88 -0.5

STV 0.77 149 P 45 55.66 -0.5

ENR 0.82 145 P 45 51.80 -0.2

ROB 0.99 127 P 45 52.10 -0.7

IMI 1.28 141 P 45 50.17 -0.5

S.D. = 0.5 on 11 of 12 obs.

% SEP 23, 1992 21h 36m 45.91s
34.146 N 116.902 W

DEPTH = 2.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 3.0 (GS).
Felt (III) at Highland.

PEC 0.33 220 iPc 36 52.43 -0.1

PGP 1.32 105 P 46 05.07 0.6

FRF 1.35 184 Pg 46 22.43 0.6

CDR 1.42 211 eP 46 05.40 0.6

LRG 1.48 192 Pg 46 23.40 0.2

LMR 1.58 187 Pg 46 06.20 0.2

SMF 2.69 311 Pn 46 23.50 0.8

LBF 2.85 318 Pn 46 07.50 0.8

LOR 3.11 320 Pn 46 26.60 0.5

BGF 3.21 302 Pn 46 28.80 0.2

S.D. = 0.7 on 20 of 20 obs.

? SEP 23, 1992 20h 59m 16.69±4.40s
34.458 S ± 27.3km 70.426 W ± 18.1km
DEPTH = 10.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
MD 3.5 (SAN).

CACH 0.37 337 iP+ 59 24.38 0.0

CHCH 0.56 340 iP+ 59 32.40 0.0

PCH 0.84 355 iPd 59 28.02 0.0

TACH 0.91 332 iP+ 59 38.49 0.0

LNv 0.96 301 iP 59 32.91 0.0

FCH 1.13 6 iP+ 59 46.81 0.0

PEL 1.33 351 (P) 59 34.06 0.0

LCCH 1.37 316 eP 59 49.36 0.0

ROCH 1.56 342 iP 59 34.76 -0.1

JACH 1.78 355 (P) 59 49.78 -0.3

S.D. = 0.3 on 8 of 10 obs.

? SEP 23, 1992 21h 33m 18.93±4.62s
32.667 S ± 23.9km 71.810 W ± 25.9km
DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

IHA 0.38 158 eP 33 02.00 -24.8X

ROCH 0.74 115 iPd 33 34.50 0.3

LCCH 0.83 166 iPd 33 33.88 0.3

JACH 1.03 91 iPd 33 43.70 0.3

PEL 1.06 117 iP+ 33 35.24 0.3

TACH 1.23 144 iPd 33 45.94 0.3

SAN 1.24 129 eP 33 38.11 -0.3

LNv 1.33 166 iP 33 51.42 0.1

FCH 1.44 118 iPd 33 52.94 0.3

PCH 1.44 132 iP+ 33 41.44 -0.3

CHCH 1.59 143 iPd 33 56.59 0.2

CACH 1.76 145 iPd 33 41.88 -0.2

S.D. = 0.5 on 11 of 12 obs.

% SEP 23, 1992 21h 36m 45.91s
34.146 N 116.902 W

DEPTH = 2.3km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 3.0 (GS).
Felt (III) at Highland.

PEC 0.33 220 iPc 36 52.43 -0.1

23d 21h

S 36 57.38
SSK 0.66 276 ePn 36 58.29 -0.8
PLM 0.79 178 iPd 37 00.85 -0.9
ISA 1.99 320 ePn 37 19.08 -1.9
ABL 2.04 291 ePn 37 19.35 -2.5
GLA 2.05 122 ePn 37 20.24 -1.5
BCH 2.82 292 ePn 37 31.69 -1.3
TPNV 2.85 11 ePn 37 32.98 -0.4
iPg 37 39.74
TNP 3.94 356 iP 37 47.26 -1.6
BONR 3.97 344 (P) 37 52.91 3.5
ARUT 4.59 37 eP 37 58.18 0.1
MSU 5.79 40 ePn 38 14.39 -0.8

12 obs. associated

SEP 23, 1992 21h 59m 18.67 ± 0.51s
29.813 N ± 2.9km 51.087 E ± 2.1km
DEPTH = 35.0 ± 4.7 km
5.1mb (93 obs.) 4.5Msz (23 obs.)
SOUTHERN IRAN (353)

Felt in the Dogonbadan area and
in the Gachsaran region.

DHR 3.59 194 iPd 00 16.00 2.7
eS 00 31.00
KER 5.65 324 eP 00 42.00 -0.6
TEH 5.91 2 eP 00 47.00 0.6
RYD 6.45 219 iP 00 53.00 -0.2
eS 02 03.00
MJMA 6.47 234 iP 00 52.67 -1.4
QASM 7.64 243 iPd 01 08.00 -2.5
TAB 9.13 336 eP 01 31.00 -0.2
MAIO 9.57 45 iPd 01 36.80 -0.4
0.8s 8.42nm 5.0mb
eS 03 18.00
ASH 10.11 35 eP 01 48.00 3.4X
e 03 44.50
KAT 10.29 23 eP 01 49.00 2.0
i 03 48.00
SHE 10.98 350 iPd 01 57.50 1.1
1.2s 150.00nm 6.1mb
eS 04 07.50
MTA 12.91 338 eP 02 23.00 0.7
eS 04 53.00
AKH 13.10 334 eP 02 23.20 -1.9
AYN 13.20 270 eP 02 21.33 -4.8X
BKR 13.38 335 iPd 02 28.20 -0.5
1.8s 170.00nm 5.7mb
KSHT 13.41 288 eP 02 29.30 0.2
MAK 13.50 348 iP- 02 29.00 -1.1
Z 12s 2.00um
N 12s 2.00um
E 12s 2.50um
iS 05 00.00
JVI 13.68 283 eP 02 31.30 -1.3
BHL 13.74 291 P 02 32.00 -1.4
S 06 56.00
ABHA 13.79 215 eP 02 35.67 1.3
DHJN 13.95 212 eP 02 34.33 -2.1
HOL 13.97 272 eP 02 36.67 0.3
GRO 14.19 344 iPc+ 02 40.50 1.4
1.0s 160.00nm 5.6mb
Z 12s 4.00um 4.4Msz
N 14s 3.50um
E 17s 6.00um
iS 05 22.00
RMN 14.26 277 eP 02 38.50 -1.8
SVST 15.27 314 eP 03 00.00 6.6X
PYA 15.56 338 iP 02 57.00 -0.1
1.3s 150.00nm 5.0mb
eS 05 56.00
KIV 15.62 337 iPc 02 58.90 1.0
1.0s 185.00nm 5.2mb
Z 14s 0.52um 3.6Msz
iS 05 58.10
AKKT 15.84 317 eP 03 01.00 0.2
CSS 15.85 293 eP 03 01.00 0.2
SOC 16.47 330 eP 03 08.00 -0.6
1.8s 130.00nm 4.8mb
Z 12s 1.00um 4.6Msz
N 12s 0.50um
E 12s 1.00um
eS 06 14.00
KVT 16.60 317 iP 03 10.00 0.2
PPCY 16.62 293 eP 03 14.50 4.0X
KOT 16.71 275 eP 03 12.50 0.8
CTK 17.12 314 eP 03 18.00 1.0

HLW 17.14 275 ePd 03 19.50 2.4X
e 06 27.00
e 08 07.00
KART 17.72 314 eP 03 24.50 0.0
BBTK 18.04 309 eP 03 28.30 0.0
ANN 18.57 328 eP 03 34.00 -0.7
Z 12s 0.50um
eS 07 02.00
BCK 18.67 300 eP 03 36.60 0.5
SGKT 18.86 310 eP 03 38.60 0.1
ELL 18.99 297 eP 03 41.00 1.0
DVR 19.18 311 eP 03 41.40 -0.8
NAL 19.20 308 eP 03 42.60 0.1
ALT 19.57 304 iP 03 47.50 0.8
GYN 19.66 308 eP 03 48.20 0.6
ARO 19.74 205 iP+ 03 51.00 2.3
KHL 19.75 301 eP 03 51.10 -3.4X
GPA 19.92 307 eP 03 51.00 0.7
SIM 20.19 323 eP 03 50.00 -3.0X
eS 07 36.00
HRT 20.59 308 iP 03 55.40 -1.8
GBZT 20.73 308 iPd 03 59.20 0.6
DST 20.84 304 eP 04 00.90 1.1
ISK 21.11 308 eP 04 02.00 -0.5
KCT 21.27 305 eP 04 06.40 2.2
BNT 21.62 305 eP 04 10.40 2.7X
NPS 22.13 291 eP 04 14.00 1.2
PRK 22.45 301 eP 04 18.20 2.3
KSH 22.57 58 P 04 18.00 0.8
0.8s 160.00nm 5.5mb
Z 16s 5.30um 5.1MszX
N 10s 2.48um
E 10s 2.31um
S 08 26.00
EZN 22.59 303 eP 04 18.00 0.8
NDI 22.81 86 iPc 04 19.80 0.2
eS 08 30.00
FRU 22.89 49 eP 04 22.50 2.2
2.0s 80.00nm 4.9mb
Z 18s 1.50um 4.5Msz
eS 08 33.00
ALN 23.15 305 e(P) 04 23.32 0.6
POO 23.56 113 iPd 04 38.80 11.9X
AAE 23.68 212 P 04 33.20 4.8X
KIS 24.32 321 iPc+ 04 34.00 0.0
2.0s 300.00nm 5.5mb
e 05 06.00
iS 08 57.00
OUR 24.45 303 e(P) 04 32.36 -3.0X
VLI 24.47 294 eP 04 34.50 -1.1
PAIG 24.56 302 e(P)c 04 37.89 1.5
BUC 24.56 313 ePd 04 39.00 2.6X
BUC1 24.57 313 ePc 04 38.00 1.5
ISR 24.63 315 ePc 04 39.00 1.8
VRI 24.90 317 ePc 04 40.00 0.3
TLG 24.91 50 eP 04 39.30 -0.6
N 16s 1.00um
E 14s 1.30um
CLI 24.94 319 ePd 04 41.50 1.4
SRS 24.97 304 e(P) 04 40.20 -0.2
SOH 25.05 303 e(P)c 04 42.80 1.6
MLR 25.18 315 iPc 04 43.60 1.1
CVO 25.20 316 iPc 04 44.00 1.4
THE 25.28 303 e(P) 04 44.36 1.1
PRZ 25.30 53 eP 04 45.00 1.3
1.6s 140.00nm 5.3mb
Z 18s 4.50um 5.0Msz
E 18s 5.00um
AGG 25.35 299 e(P) 04 43.64 -0.4
LIT 25.49 301 e(P)c 04 45.65 0.4
MTUR 25.59 314 ePc 04 57.00 10.7X
PTT 25.67 319 eP 04 45.00 -1.9
VAY 25.77 304 iP 04 48.60 0.8
1.2s 81.00nm 5.2mb
GRG 25.78 303 e(P)c 04 48.76 0.7
KZN 26.07 302 eP 04 51.40 0.6
COZ 26.09 314 ePd 04 52.00 1.0
FNA 26.49 302 e(P) 04 54.92 0.4
VLS 26.54 296 eP 04 54.50 -0.5
SKO 26.77 305 iP 04 57.50 0.4
1.1s 41.00nm 5.0mb
i 05 32.50
OHR 26.99 303 iP 04 59.50 0.3
1.1s 137.00nm 5.5mb
ARU 27.10 9 eP 05 00.00 0.1X
Z 16s 1.00um 4.5MszX
N 16s 1.00um

E 16s 1.00um
e 05 06.00
e 05 47.00
eS 09 44.00
GZR 27.11 313 ePd 05 01.00 0.8
SRN 27.30 300 eP 05 01.50 -0.4
OBN 27.33 342 iPc 05 01.00 -1.0
1.0s 126.00nm 5.5mb
Z 16s 0.60um 4.3MszX
N 15s 0.40um
e 05 51.00
TPE 27.38 301 eP 05 01.00 -1.6
PHP 27.40 304 iPd 05 02.60 -0.3
KEK 27.42 300 eP 05 02.70 -0.3
BERA 27.52 302 eP 05 03.50 -0.4
MOS 27.63 344 eP 05 04.00 -0.7
e 05 14.00
e 05 50.00
e 06 05.00
e 09 48.00
e 10 03.00
TIR 27.73 303 eP 05 05.70 -0.2
VLO 27.80 301 eP 05 05.90 -0.5
BCI 27.86 305 eP 05 07.10 0.1
LACI 27.92 304 eP 05 07.00 -0.5
HYB 27.95 110 eP 05 08.00 0.0
SDA 28.18 304 eP 05 09.80 -0.1
UZH 28.90 319 eP 05 16.00 -0.3
e 06 13.30
e 06 20.00
GBA 29.21 118 P 05 18.00 -1.3
GKN 29.37 85 Pc 05 20.14 -0.8
MNK 29.50 331 eP 05 22.00 0.4
DMN 29.86 86 Pc 05 24.78 -0.7
0.5s 143.00nm 6.0mb
KKN 29.97 85 Pc 05 25.74 -0.7
0.5s 229.00nm 6.2mbX
PSZ 29.99 316 ePc 05 26.00 -0.2
TDS 30.04 298 P 05 27.30 0.7
PKI 30.13 86 Pc 05 27.12 -0.8
0.6s 100.00nm 5.8mb
UZD 30.27 313 e(P) 05 29.00 0.5
GUN 30.46 85 Pc 05 30.36 -0.5
0.6s 186.00nm 6.1mb
MGR 30.70 299 Pc 05 32.80 0.3
SRO 30.91 315 eP 05 32.30 -1.9
SGO 30.95 300 Pc 05 35.50 0.9
OJC 31.11 320 eP 05 35.50 -0.4
PTJ 31.74 310 eP 05 41.50 -0.1
DUI 31.77 302 P 05 44.50 2.6X
ZST 31.81 315 iP 05 42.00 -0.1
VBY 32.09 309 iPc 05 44.90 0.3
WMO 32.19 54 P 05 46.50 0.9
Z 16s 2.10um 4.9MszX
N 10s 0.64um
E 10s 0.60um
pP 05 50.50 14.1mb
VRAC 32.56 316 iPc 05 48.70 0.1
1.6s 148.70nm 5.6mb
AZI 32.58 302 P 05 49.80 1.0
AQU 32.66 303 P 05 52.40 2.7
CEY 32.72 309 eP 05 50.50 0.4
LJU 32.73 310 ePc 05 50.50 0.3
VOY 33.16 310 ePc 05 53.80 -0.2
MNS 33.20 303 Pc 05 54.60 0.3
ARV 33.21 305 P 05 55.10 0.7
ASS 33.33 304 P 05 56.10 0.6
KSP 33.38 319 iPc 05 55.20 -0.5
1.1s 22.00nm 5.0mb
KMR 33.62 313 iP+ 05 58.00 0.2
CRE 33.94 305 P 06 01.40 0.6
FVI 34.05 310 P 06 01.40 -0.2
PRU 34.06 317 eP 06 01.20 -0.4
Z 15s 0.40um 4.3MszX
e 06 03.20
e 06 21.30
PGD 34.15 305 P 06 04.50 1.8
GEC2 34.15 314 ePd 06 01.10 -1.5
0.5s 3.94nm 4.6mb
e 06 08.20
e 06 13.00
e 06 16.60
BHG 34.31 312 iPc 06 03.60 -0.3
1.0s 39.00nm 5.3mb
KHC 34.33 315 P 06 03.30 -0.7
1.1s 29.00nm 5.1mb
e 06 18.60

FIR	34.47	305	eP	06	37.00	0.8	AVF	40.45	308	eP	06	54.60	-0.7	EAU	46.15	320	eP	07	41.10	-0.3
LSA	34.66	80	Pc	06	07.70	0.1		1.0s	25.60nm				4.9mb	MAL	46.37	294	iPd	07	44.00	0.7
BRG	34.75	318	iP	06	07.20	-0.3	SNF	40.49	314	P	06	52.60	-3.0X	ELO	46.41	321	ePc	07	42.90	-0.5
	1.0s	16.00nm				4.9mb	BGF	40.76	308	iPc	06	57.40	-0.6	EAB	46.70	321	eP	07	45.20	-0.5
WET	34.76	315	iPc	06	06.80	-0.9		0.8s	13.05nm			4.7mb	EHOR	46.88	295	eP	07	47.00	-0.4	
	1.0s	26.00nm				5.1mb	GTA	40.81	63	iPc	06	59.50	0.9	EPRU	46.98	294	eP	07	47.80	-0.5
MME	34.94	306	Pc	06	10.20	0.7		1.0s	57.00nm			5.3mb	EPLA	47.25	299	eP	07	51.00	0.6	
NUR	35.42	338	iP	06	11.90	-1.2	Z	14s	1.45um			5.0MszX	ETA	47.29	316	eP	07	52.70	2.3	
	0.4s	8.70nm				5.0mb	E	13s	1.74um				ECP	47.34	315	eP	07	50.40	-0.4	
CLL	35.47	318	iP	06	13.30	-0.3			pP	07	03.00	12kmX	DLF	47.54	317	eP	07	52.30	-0.1	
	1.0s	41.00nm				5.3mb			eS	13	10.00			1.0s	162.00nm			6.0mb		
FUR	35.47	312	iPc	06	13.30	-0.5			SS	16	12.00		ECB	47.61	315	eP	07	52.70	-0.2	
	0.9s	117.00nm				5.8mb	NB2	40.82	331	P	06	56.90	-1.4	DCN	47.99	317	eP	07	56.00	0.1
OSS	35.83	310	ePc	06	17.20	0.1		0.8s	12.70nm			4.7mb		1.0s	93.00nm			5.8mb		
PGF	35.92	302	iPc	06	17.30	-0.4	MAF	40.92	307	iPc	06	59.00	-0.2	EVAL	48.09	295	eP	07	57.00	0.1
	1.3s	50.20nm				5.3mb		0.9s	11.30nm			4.6mb	8TO	48.54	61	eP	08	01.00	0.5	
BOB	35.92	306	Pc	06	18.40	0.7	CAF	41.15	305	iPc	07	01.00	-0.2	XAN	48.71	69	Pc	08	01.50	-0.4
GRF	35.97	315	iPc	06	18.00	0.1	LSPF	41.16	302	P	07	02.26	1.0		0.6s	43.00nm			5.7mb	
	1.0s	66.00nm				5.5mb	TCF	41.17	307	eP	07	01.10	-0.2		pP	08	10.00	28kmX		
Z	19s	0.20um				3.9Msz		0.8s	10.50nm			4.6mb	GYA	48.73	80	iPc	08	01.40	-0.7	
MOX	36.04	317	eP	06	18.50	0.0	RJF	41.56	306	iPc	07	04.70	0.1		0.6s	7.60nm			4.9mb	
	1.3s	20.00nm				4.9mb		1.0s	20.40nm			4.8mb	HHC	49.67	60	P	08	10.00	0.8	
Z	21s	0.40um				4.2Msz	Z	22s	0.17um			3.9Msz		1.0s	14.00nm			4.9mb		
N	20s	0.30um					LSF	41.64	307	eP	07	04.60	-0.5		Z	20s	0.25um		4.2Msz	
KAF	36.14	340	iP	06	18.00	-1.2	SALF	41.68	302	P	07	05.46	-0.1	CIT	50.45	45	eP	08	15.50	0.6
	0.4s	5.40nm				4.8mb	LPO	41.76	305	iPc	07	06.20	0.1		N	13s	0.23um			
PCP	36.52	306	P	06	21.50	-1.2		0.5s	6.40nm			4.6mb	TIY	50.82	64	eP	08	17.50	-0.4	
TMA	36.57	308	ePc	06	22.40	-0.8	LFF	42.09	305	iPc	07	09.10	0.3		Z	22s	1.18um		4.9Msz	
LLS	36.64	310	ePc	06	23.20	-0.7		0.8s	22.45nm			4.9mb		N	20s	1.55um				
IMI	36.89	304	P	06	25.39	-0.4	EBR	42.20	299	eP	07	12.00	2.2	BOD	51.08	38	iPc	08	19.10	-0.4
ROB	36.96	305	P	06	26.21	-0.2	EROQ	42.26	299	eP	07	12.00	1.7		1.1s	52.00nm			5.4mb	
SLE	37.18	311	ePc	06	27.40	-0.7	KEV	42.28	348	iP	07	10.00	0.0	BJI	53.27	60	eP	08	36.50	0.3
MMK	37.18	308	ePc	06	27.70	-0.7		1.0s	30.00nm			5.0mb		Z	24s	0.64um			4.6MszX	
ZLA	37.18	310	ePc	06	27.80	-0.4	EPF	42.31	302	iPc	07	09.90	-0.8	IPM	53.36	108	ePc	08	35.00	-2.1
SBF	37.21	304	iPc	06	28.60	0.1		1.1s	12.70nm			4.6mb		0.5s	13.50nm			5.2mb		
	1.0s	81.20nm				5.5mb	EGRA	42.79	301	eP	07	11.80	-2.8X	WHN	54.02	72	eP	08	41.20	-0.6
ENR	37.27	305	P	06	28.57	-0.5	MFF	42.82	308	eP	07	14.20	-0.6	BUL	54.18	206	iPd	08	45.20	2.0
STV	37.34	305	P	06	28.88	-0.7		0.9s	17.35nm			4.8mb	AKU	54.68	332	iP	08	47.00	0.8	
BHB	37.47	306	P	06	28.47	-2.1	LDF	43.00	311	iPc	07	15.30	-0.9		1.1s	30.38nm			5.2mb	
RSP	37.52	306	P	06	28.68	-2.5		1.1s	36.15nm			5.0mb	TIA	54.80	65	eP	08	45.70	-1.8	
FEL	37.52	311	P	06	30.19	-0.9	FLN	43.25	311	eP	07	17.50	-0.8		0.8s	15.00nm			5.1mb	
PZZ	37.53	305	P	06	29.50	-1.8		0.7s	24.90nm			5.1mb	DAG	56.61	345	iPd	08	58.80	-1.2	
DIX	37.56	308	ePc	06	31.30	-0.4	Z	21s	0.17um			3.9Msz		0.7s	8.90nm			4.9mb		
LSD	37.64	307	P	06	31.75	-0.5	ECHE	43.37	297	eP	07	20.00	0.6	NJ2	57.28	69	Pc	09	04.80	-0.5
RRL	37.82	306	P	06	32.98	-0.8	GRR	43.46	310	eP	07	19.40	-0.6		1.1s	26.00nm			5.2mb	
EMS	37.89	308	ePc	06	33.90	-0.5		1.0s	33.80nm			5.1mb	KIC	57.34	258	Pc	09	06.24	0.2	
BNI	37.91	306	Pc	06	34.00	-0.5	LPF	43.55	310	iPc	07	20.00	-0.7		1.2s	98.50nm			5.7mb	
LANF	37.91	313	P	06	32.40	-1.9	ZAK	43.86	47	eP	07	24.00	0.9	TIC	57.43	258	Pc	09	06.78	0.1
LPG	37.92	307	iPc	06	34.10	-0.7		1.8s	17.00nm			4.5mb		1.2s	63.00nm			5.5mb		
	0.8s	28.50nm				5.2mb	Z	16s	1.98um			5.1MszX	LIC	57.66	258	Pc	09	08.40	0.2	
LPL	37.94	307	iPc	06	34.30	-0.5	E	17s	2.08um				CN2	59.28	54	P	09	18.60	-0.5	
	1.0s	42.40nm				5.3mb			e	09	08.80			0.8s	5.10nm			4.7mb		
RSL	38.04	307	P	06	34.65	-0.9			eS	13	48.00			Z	20s	0.95um			4.9Msz	
CDF	38.12	312	eP	06	34.80	-1.3			eSS	17	10.00		KDS	60.77	268	eP	09	29.80	0.0	
	0.8s	5.90nm				4.5mb	LZH	44.27	67	iPc	07	28.00	1.1	YSS	69.89	47	eP	10	28.00	0.0
BSF	38.31	311	iPc	06	36.90	-0.9		1.0s	74.00nm			5.5mb		Z	18s	0.80um			5.0Msz	
	0.8s	20.15nm				5.0mb		Z	20s	1.09um		4.8Msz		E	18s	0.60um				
CDR	38.39	304	eP	06	47.80	9.4X			sP	07	42.00		MAT	70.83	58	eP	10	33.00	-1.0	
		i	06	49.40			ECRI	44.40	302	eP	07	28.50	0.7	MBC	74.03	358	eP	10	52.50	0.4
HAU	38.64	311	eP	06	39.40	-1.0	EVIA	44.64	296	eP	07	31.00	1.2		0.7s	3.00nm			4.4mb	
	0.9s	17.70nm				4.9mb	CHR	44.69	93	eP	07	30.00	-0.3	IMA	82.55	10	eP	11	39.00	-0.1
Z	24s	0.32um				4.1MszX	NRI	44.91	18	iPc	07	32.00	0.6		0.7s	3.34nm			4.5mb	
VITF	38.92	311	P	06	41.50	-1.3		1.2s	39.00nm			5.2mb	FBA	84.46	8	eP	11	49.40	0.7	
WLF	39.13	313	Pc	06	45.00	0.6	CD2	45.11	75	eP	07	33.00	-0.6		1.1s	11.24nm			4.9mb	
APA	39.23	349	iPd	06	45.00	0.0	BDT	45.38	95	eP	07	34.00	-1.8	SVW	86.83	13	eP	12	01.92	1.3
HFS	39.30	331	eP	06	44.90	-0.8		1.0s	20.70nm			5.0mb		1.0s	13.18nm			5.1mb		
	0.5s	23.70nm				5.2mb	ECOG	45.62	294	eP	07	37.00	-0.7	YKA	87.30	353	eP	12	03.50	0.8
Z	19s	0.34um				4.2Msz	EGUA	45.68	294	eP	07	38.00	0.0		0.7s	4.50nm			4.8mb	
WTS	39.33	317	iPc	06	47.40	1.4	ESY	45.70	321	ePc	07	37.70	-0.1	PMR	87.46	10	eP	12	04.42	0.9
	1.0s	108.00nm				5.6mb		0.6s	100.00nm			5.9mb		0.9s	15.53nm			5.3mb		
ENN	39.53	315	eP	06	49.00	1.2	TOL	45.72	298	eP	07	38.50	0.2	Z	20s	0.25um			4.6Msz	
	1.0s	19.00nm				4.8mb	GUD	45.73	299	eP	07	39.00	0.5	KLU	87.98	8	eP	12	07.44	1.3
WIT	39.66	318	eP	06	50.00	1.3	KMI	45.76	83	Pc	07	38.50	-0.5	SLKM	88.33	10	eP	12	07.93	0.1
BCAO	39.79	237	iPd	06	51.00	0.7		0.6s	30.00nm			5.4mb	BALM	88.82	6	eP	12	12.00	1.7	
	0.9s	14.00nm				4.7mb			sP	07	48.00		RSNY	90.92	324	P	12	30.00	9.8X	
LBF	40.05	309	eP	06	51.20	-0.9	EDR	45.87	322	eP	07	38.60	-0.6		Z	21s	0.08um			4.1Msz
	1.3s	23.10nm				4.8mb		1.1s	47.00nm			5.3mb	ASPA	95.61	114	P	12	42.00	0.0	
SMF	40.09	308	iPc	06	51.80	-0.7	EKA	45.88	320	Pc	07	38.70	-0.6		0.6s	2.60nm			4.9mb	
	0.9s	46.85nm				5.3mb		1.0s	28.50nm			5.2mb	CEH	99.59	321	P	13	10.		

23d 22h

Z 21s 0.15um - 4.5MsZ
 BWA 111.72 118 ePd diff 13 45.10 -8.9X
 CMB 112.04 353 PKP 18 00.00 7.9X
 Z 20s 0.20um 4.7MsZ
 ALO 112.20 340 PKP 18 00.00 7.3X
 Z 20s 0.21um 4.7MsZ
 CAN 112.49 119 iPd diff 13 48.80 -8.6X
 ISA 114.14 351 PKP 18 10.00 13.7X
 Z 19s 0.15um 4.6MsZ
 TUC 115.87 343 PKP 18 10.00 10.3X
 Z 21s 0.18um 4.6MsZ
 ZOBO 123.04 269 PKP 18 15.00 0.6
 LPB 123.12 269 ePKP 18 25.00 10.7X
 CNBC 123.13 269 PKP 18 16.10 1.6
 S.D. = 1.0 on 275 of 305 obs.

& SEP 23, 1992 22h 00m 18.90s
 59.916 N 152.452 W
 DEPTH = 85.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

INE 0.34 296 iPc 00 31.40 -1.0
 eS 00 42.33
 INW 0.37 294 ePc 00 31.77 -0.8
 eS 00 42.06
 OPT 0.47 236 ePd 00 32.45 -0.7
 eS 00 42.48
 HOM 0.48 122 eP 00 32.23 -0.9
 RED 0.53 343 iPc 00 32.95 -0.7
 eS 00 44.02
 RS1 0.57 344 iPc 00 33.55 -0.6
 RSO 0.57 345 iPc 00 33.54 -0.6
 RS2 0.57 345 iPc 00 33.58 -0.6
 REF 0.59 348 iPc 00 33.69 -0.6
 eS 00 45.28
 XLV 0.59 141 ePc 00 33.28 -0.9
 eS 00 44.65
 RDW 0.60 343 iPc 00 33.79 -0.6
 eS 00 45.24
 RDN 0.62 346 iPc 00 34.00 -0.5
 eS 00 45.53
 RDT 0.66 2 iPc 00 33.98 -0.9
 eS 00 46.16
 DFR 0.69 350 iPc 00 34.51 -0.7
 eS 00 46.71
 NCT 0.69 340 iPc 00 34.42 -0.8
 eS 00 46.67
 AUE 0.73 220 ePd 00 34.68 -0.8
 AUL 0.73 223 ePd 00 34.81 -0.7
 AUP 0.74 222 ePd 00 34.99 -0.7
 AUH 0.75 223 iPd 00 35.00 -0.8
 AUW 0.75 224 iPd 00 35.06 -0.7
 AUI 0.76 221 ePd 00 35.03 -0.8
 eS 00 47.39
 PDB 0.89 262 ePd 00 36.21 -1.0
 eS 00 49.71
 NKA 1.03 36 eP 00 40.01 1.2
 BKG 1.16 5 ePc 00 39.99 -0.6
 eS 00 55.39
 CDD 1.16 212 iPd 00 39.41 -1.1
 MCNL 1.21 233 iPd 00 39.73 -1.3
 eS 00 55.75
 SLKM 1.26 61 eP 00 40.77 -1.0
 SPU 1.29 9 ePc 00 41.59 -0.5
 CKL 1.29 2 iPc 00 41.68 -0.5
 CKT 1.30 5 ePc 00 41.74 -0.5
 SYI 1.31 179 ePd 00 41.64 -0.7
 eS 00 59.50
 CKN 1.32 6 eP 00 42.27 -0.3
 BGL 1.35 1 iPc 00 42.60 -0.4
 CPKM 1.36 4 iPc 00 42.33 -0.8
 S 00 57.95
 CRP 1.36 6 ePn 00 42.62 -0.6
 S 01 01.12
 CGLM 1.41 9 eP 00 43.41 -0.4
 NCG 1.50 5 ePc 00 44.58 -0.4
 SEW 1.52 82 eP 00 43.86 -1.2
 MPA 1.65 68 eP 00 45.58 -1.1
 SUA 1.77 28 ePd 00 48.18 -0.3
 eS 01 11.96
 PTE 1.95 59 eP 00 49.52 -1.2
 PMS 1.95 46 P 00 50.20 -0.7
 S 01 13.50
 SVW 1.97 309 (P) 00 57.47 6.3
 SKT 2.12 12 eP 00 52.33 -0.8
 eS 01 19.56

PWA 2.15 35 P 00 53.00 -0.5
 KDC 2.18 181 (Pn) 00 51.91 -1.9
 S 01 17.31
 LTI 2.31 85 eP 00 53.80 -2.0
 PLRM 2.34 43 eP 00 53.87 -2.2
 PMR 2.34 43 ePn 00 53.58 -2.5
 S 01 21.13
 KNIM 2.40 78 ePd 00 54.47 -2.5
 eS 01 21.98
 MTU 2.42 86 ePd 00 56.03 -1.1
 eS 01 23.30
 KNK 2.47 51 ePd 00 56.22 -1.8
 eS 01 24.23
 GH0 2.54 41 ePd 00 57.59 -1.3
 eS 01 26.45
 SML 2.77 45 eP 01 00.24 -1.8
 GLI 2.83 68 eP 00 59.67 -3.2
 eS 01 31.60
 HIN 3.01 78 eP 01 02.33 -3.1
 FID 3.09 72 eP 01 02.92 -3.4
 eS 01 36.83
 VZW 3.14 66 eP 01 05.02 -2.1
 SCM 3.16 50 ePd 01 05.93 -1.5
 VLZ 3.26 65 eP 01 06.28 -2.5
 eS 01 42.80
 HUR 3.36 23 eP 01 10.03 -0.1
 KLU 3.58 61 ePd 01 10.74 -2.5
 eS 01 50.33
 TRF 3.69 15 eP 01 14.82 -0.1
 TOA 3.76 52 P 01 14.18 -1.7
 RND 3.90 25 eP 01 16.68 -1.0
 TZL 4.04 55 P 01 12.30 -7.2
 MCK 4.18 22 eP 01 20.63 -0.9
 GLB 4.52 66 eP 01 23.23 -3.1
 WAX 4.82 79 eP 01 28.67 -1.9
 NEA 4.94 17 eP 01 30.44 -1.6
 WRH 5.01 22 ePc 01 31.30 -1.8
 BALM 5.13 73 eP 01 32.65 -2.2
 HDA 5.19 27 eP 01 33.73 -1.9
 CCB 5.22 23 ePd 01 33.70 -2.3
 WRG 5.24 84 eP 01 34.08 -2.2
 YAH 5.37 81 eP 01 36.08 -2.3
 GLM 5.60 23 eP 01 39.06 -2.4
 CTGM 5.61 74 eP 01 38.94 -2.6
 78 obs. associated

% SEP 23, 1992 22h 18m 49.52 ± 2.30s
 44.872 N ± 6.0km 6.683 E ± 20.1km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.6 (GEN).
 RRL 0.09 56 P 18 52.19 -0.1
 S 18 54.24
 BHB 0.41 94 P 18 58.03 0.0
 S 19 03.98
 PZZ 0.47 141 P 18 59.16 0.0
 S 19 06.44
 LSD 0.67 30 P 19 03.16 0.1
 S 19 11.87
 STV 0.78 144 P 19 04.80 0.1
 S 19 15.77
 ENR 0.83 140 P 19 05.62 -0.1
 S 19 17.41
 S.D. = 0.1 on 6 of 6 obs.

? SEP 23, 1992 22h 22m 55.33 ± 3.30s
 44.878 N ± 9.2km 6.688 E ± 26.5km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.5 (GEN).
 RRL 0.08 58 P 22 58.15 0.1
 S 23 00.10
 BHB 0.41 95 P 23 03.69 0.0
 S 23 10.05
 PZZ 0.48 142 P 23 05.02 0.0
 S 23 12.20
 LSD 0.67 30 P 23 08.71 -0.1
 S 23 17.43
 S.D. = 0.1 on 4 of 4 obs.

? SEP 23, 1992 22h 43m 50.42 ± 9.30s
 36.359 N ± 65.4km 1.138 W ± 41.0km
 DEPTH = 10.0km (geophysicist)
 WESTERN MEDITERRANEAN SEA (387)

ENJJ 1.05 306 eP 44 10.00 -0.3
 eS 44 28.00
 EALH 1.51 352 eP 44 17.00 -0.6
 eS 44 39.00
 EGUA 2.01 284 eP 44 21.00 -3.8X
 eS 44 50.90
 ECOG 2.15 296 eP 44 27.00 0.0
 EVIA 2.52 335 eP 44 33.00 0.8
 eS 45 08.30
 S.D. = 1.1 on 4 of 5 obs.

? SEP 23, 1992 22h 48m 43.94 ± 3.76s
 44.897 N ± 10.1km 6.628 E ± 28.9km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.4 (GEN).

RRL 0.11 78 P 48 47.34 0.3
 S 48 49.18
 BHB 0.46 97 P 48 53.08 -0.1
 S 48 59.23
 PZZ 0.52 139 P 48 54.41 0.0
 S 49 02.00
 LSD 0.67 33 P 48 57.39 -0.1
 S 49 06.72
 S.D. = 0.3 on 4 of 4 obs.

? SEP 23, 1992 22h 54m 36.44 ± 3.20s
 44.888 N ± 9.0km 6.702 E ± 25.9km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.4 (GEN).

RRL 0.07 61 P 54 38.80 -0.2
 S 54 40.95
 BHB 0.40 96 P 54 44.75 0.1
 S 54 50.90
 PZZ 0.48 143 P 54 46.18 0.0
 S 54 52.85
 LSD 0.65 29 P 54 49.77 0.1
 S 54 58.49
 S.D. = 0.2 on 4 of 4 obs.

% SEP 23, 1992 22h 58m 04.19 ± 1.04s
 33.204 S ± 9.7km 70.185 W ± 16.8km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.3 (SAN).

FCH 0.15 216 iPd 58 19.69 -0.6
 iS 58 31.32
 PEL 0.42 278 iPd 58 20.85 0.0
 iS 58 33.11
 PCH 0.50 213 iPd 58 21.53 0.2
 iS 58 34.62
 JACH 0.62 327 iPd 58 22.54 0.2
 iS 58 36.51
 ROCH 0.73 288 iP+ 58 23.37 0.0
 iS 58 37.81
 TACH 0.77 234 iP+ 58 23.29 -0.2
 iS 58 39.01
 CHCH 0.83 208 iP+ 58 23.98 0.0
 iS 58 39.89
 CACH 0.97 201 iPd 58 26.11 0.6
 iS 58 43.22
 LCCH 1.19 256 iP+ 58 27.94 0.2
 iS 58 45.88
 LNV 1.27 233 iP 58 28.12 -0.5
 iS 58 47.18
 S.D. = 0.4 on 10 of 10 obs.

% SEP 23, 1992 23h 26m 36.31 ± 1.60s
 43.226 N ± 11.1km 18.923 E ± 8.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.4 (TTG).

PLE 0.36 73 iPg 26 43.96 0.2
 iSg 26 49.08
 NKY 0.42 172 iPg 26 45.11 0.2
 iSg 26 51.35
 BRY 0.43 221 iPg 26 44.93 -0.2
 iSg 26 51.88
 IVA 0.80 116 iPg 26 51.51 -0.4
 iSg 27 03.54
 TTG 0.83 163 iPg 26 52.45 0.0
 iSg 27 04.51

CAN	85.46	176	eP	04 23.60	-0.2
			epP	04 32.00	26km
BWA	86.33	175	iPd	04 12.70	-15.4X
			iP	04 19.10	20km
STK	88.40	169	iPc	04 38.00	-0.1

ASPA	95.52	162	iPc	85	10.50	-0.7
	0.7 s	14.20 nm			5.5 mb	
MSU	120.45	295	ePKP	10	36.95	-0.6
RSSD	121.37	304	iPKP	10	37.66	-1.5
DAU	121.55	297	(PKP)	10	40.19	0.5
DUG	122.09	295	ePKP	10	39.03	-1.5
ULM	123.14	314	ePKPc	10	44.50	2.5X
HFS	123.22	22	ePKP	10	39.70	-2.1
	0.4 s	1.80 nm				
NB2	123.59	21	PKP	10	42.30	-0.3
	0.5 s	1.20 nm				
DMN	124.01	93	PKP	10	44.46	-0.3
GKN	124.09	92	PKP	10	44.14	-0.7
	0.5 s	26.00 nm				

KKK	124.24	93 PKP	10 44.72	-0.7
	0.5s	18.00nm		-0.5
GUN	124.65	93 PKP	10 45.68	-0.4
	0.6s	22.00nm		
MOS	125.51	38 ePKP	10 48.00	1.6
NUR	125.95	28 iPKP	10 47.10	0.0
	0.6s	7.90nm		
KAF	127.74	28 iPKP	10 49.80	-0.7
	0.6s	12.80nm		
LSA	128.78	97 ePKP	10 54.60	0.5
ARU	133.47	50 ePKP	11 00.00	-1.6
SVE	134.55	50 ePKPd	11 04.00	0.4
Z	22s	0.30um		5.0Msz
N	22s	0.40um		
E	22s	0.20um		
WMO	137.87	81 PKP	11 00.00	-10.5X
YKA	139.11	315 ePKP	11 10.30	-1.7
	0.5s	6.20nm		

XAN	141.10	110	ePKP	11	13.00	-3.6X	
T1Y	145.74	111	PKPd	11	24.40	-0.1	
Z	20s		0.50um			5.3Msz	
BTO	146.82	105	ePKP	11	26.30	0.1	
MBC	147.37	334	ePKP	11	23.50	-2.3	
	0.6s		5.00nm				
HHC	147.77	106	PKP	11	30.60	2.9X	
8J1	149.36	112	ePKP	11	35.00	5.0X	
BALM	149.49	301	(PKP)	11	26.95	-2.8X	
MOY	149.77	81	iPKPc	11	36.00	5.8X	
	1.6s		175.00nm				
ZAK	150.15	85	ePKP	11	30.50	-0.4	
	1.5s		22.00nm				
			e	11	37.00		
KLU	151.25	300	ePKP	11	30.07	-2.3	
			iPKPab11		37.77		
IRK	151.79	83	ePKP	11	32.10	-1.2	
	1.5s		30.00nm				
			e	11	40.20		
KDC	152.71	290	(PKP)	11	35.51	1.1	
			iPKPob11		40.44		
SLKM	152.80	297	ePKP	11	29.96	-4.6X	
			iPKPab11		40.49		
FBA	153.20	307	ePKP	11	40.86	5.9X	
CPKM	153.99	297	ePKP	11	31.96	-4.5X	
			iPKPab11		43.56		
CIT	156.36	91	ePKP	11	39.00	-0.7	
MDJ	159.03	124	ePKP	11	41.10	-1.9	
BOD	159.43	77	ePKP	11	41.10	-1.9	
	1.7s		21.00nm				
S.D.	= 1.0	on	63	of	83	obs.	

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& SEP 24, 1992 01h 19m 10.50s
49.669 N 129.232 W
DEPTH = 10.0km (geophysicist)
VANCOUVER ISLAND REGION (25)
<PGC-P>. ML 3.6 (PGC).

BPBC 1.06 62 P 19 32.04 1.5
      S 19 48.48
HOLB 1.20 36 P 19 33.93 1.0
EDB 1.38 81 P 19 35.65 -0.2
PHC 1.56 47 P 19 38.00 -0.2
      S 19 58.74

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BIB	2.42	93 P	19 50.44	-0.3
CBB	2.53	80 P	19 52.84	0.6
OZB	2.55	105 P	19 52.81	0.3
BBB	2.62	15 P	19 52.70	-0.8

24d 01h

S 20 25.00
PGC 3.93 103 P 20 13.00 0.9
ULM 21.37 76 eP 24 08.50 8.6
10 obs. associated

* SEP 24, 1992 01h 32m 48.79±3.14s
32.277 S ±13.1km 179.165 E ±14.1km
DEPTH = 463.8 ± 33.7 km
4.8mb (17 obs.)

SOUTH OF KERMADEC ISLANDS (179)

DZM 15.20 309 iPc 36 01.50 -1.2
i 37 18.90
BRS 23.38 275 iP 37 22.20 1.0
0.9s 15.00nm 4.5mb
ARMA 23.57 267 iPc 37 24.60 1.6
0.3s 12.00nm 4.9mb
CNB 24.91 255 iPd 37 36.10 1.1
0.7s 53.00nm 5.2mb
CAN 25.21 255 iPc 37 38.30 0.6
BWA 25.73 257 iPc 37 40.60 -1.8
RMO 27.06 274 iPc 37 54.90 0.7
0.7s 45.00nm 5.0mb
TOD 28.02 250 iPc 38 02.90 0.4
0.9s 77.00nm 5.2mb
CMS 28.26 263 iPc 38 04.90 0.3
0.3s 20.00nm 5.1mb
BFD 30.37 250 eP 38 23.00 0.2
STKA 31.73 261 iPc 38 34.90 0.3
STK 31.73 260 iPc 38 34.90 0.3
CTA 31.80 284 iP 38 35.30 0.0
0.6s 33.33nm 5.0mb
iS 43 19.00
OIS 37.11 278 iPc 39 18.80 -0.8
0.3s 7.00nm 4.6mb
ASPA 40.64 270 iPc 39 47.80 -0.7
0.5s 38.50nm 5.1mb
eS 45 27.70
FORT 43.25 258 eP 40 08.00 -1.2
WARB 45.86 264 eP 40 27.70 -2.0
0.3s 4.00nm 4.4mb
MBL 53.56 266 eP 41 24.00 -3.0X
SPA 57.90 180 iPc 41 56.40 -0.6
1.0s 35.50nm 4.7mb
MAW 69.69 201 P 43 11.10 -0.7
BCH 88.04 46 eP 44 49.86 0.2
PEC 89.00 48 eP 44 53.38 -0.6
0.9s 5.83nm 4.4mb
CMB 89.78 43 eP 44 57.31 -0.2
1.0s 11.74nm 4.7mb
GLA 89.95 50 ePc 44 59.29 0.9
BONR 90.95 45 eP 45 02.52 -0.7
TPNV 91.54 46 eP 45 06.06 0.3
0.5s 5.38nm 4.8mb
TNP 91.68 45 eP 45 05.50 -1.0
0.7s 8.86nm 4.9mb
TUC 92.17 53 eP 45 09.25 0.5
0.7s 6.45nm 4.8mb
MSU 95.03 47 eP 45 22.20 0.3
BW06 99.17 45 eP 45 41.00 0.5
1.0s 1.83nm 4.5mb
AKU 144.95 12 iPKP 51 32.90 0.4
0.9s 20.17nm
KAF 145.43 338 iPKP 51 32.70 -0.7
0.5s 10.00nm
BCAO 146.89 217 iPKPc 51 38.00 0.7
1.0s 10.00nm
NUR 147.16 337 iPKP 51 38.00 1.7
0.4s 6.90nm
NB2 150.16 348 PKP 51 45.20 4.2X
0.6s 5.50nm
HFS 150.52 345 ePKP 51 45.20 3.7X
0.9s 9.80nm
CLL 158.43 336 e(PKP) 51 51.00 -1.3
e 52 58.00

S.D. = 1.0 on 34 of 37 obs.

SEP 24, 1992 01h 47m 46.34±0.25s
43.141 N ± 2.6km 19.450 E ± 2.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 3.9 (TIR), 3.9 (ROM), 3.8
(ZAG), MD 4.3 (TRI), 3.7 (TIG).
Felt (V) at Mojkovac, Bijelo
Polje and Zabljak, Yugoslavia.

PLE 0.19 348 iPgd 47 50.63 -0.1

IVA 0.42 129 iSg 47 53.72
iPgc 47 54.65 -0.4
iSg 48 01.35
NKY 0.47 226 iPgd 47 54.68 -1.2
iSg 48 01.05
PVY 0.67 145 iPgc 47 58.71 -1.0
iSg 48 09.03
BRY 0.71 250 iPgd 47 58.55 -1.8
iSg 48 08.51
TTG 0.72 191 iPgd 47 58.90 -1.7
iSg 48 10.18
BCI 0.90 149 iPgc 48 02.90 -0.7
iSg 48 15.10
BDV 0.97 208 iPgd 48 03.10 -1.7
iSg 48 17.95
HCY 0.99 226 iPgd 48 03.41 -1.6
iS 48 18.11
SDA 1.09 178 iPgd 48 06.20 -0.6
iSg 48 22.20
ULC 1.19 187 iPgd 48 07.50 -1.0
iSg 48 25.13
LACI 1.52 173 iPnd 48 13.60 0.1
iSn 48 37.50
PHP 1.63 153 iPnd 48 15.30 0.1
iSn 48 39.00
TIR 1.82 170 ePn 48 18.70 0.8
iSn 48 47.50
SKO 1.88 128 iPnc 48 19.70 0.9
i 48 21.30
iSg 48 52.00
HVAR 2.20 272 iPn 48 24.10 0.7
iSg 48 55.30
OHR 2.26 153 iPn 48 26.40 2.0
iSn 48 59.20
Lg 49 05.40
BERA 2.46 171 ePn 48 28.70 1.5
iSn 49 01.00
VLO 2.67 179 ePn 48 29.70 -0.4
iSn 49 06.20
FNA 2.76 148 ePn 48 32.74 1.3
eSn 49 06.22
BAI 2.79 224 P 48 32.00 0.2
BRT 2.81 217 P 48 32.30 0.1
eSn 49 06.50
TPE 2.87 171 ePn 48 35.30 2.3
VAY 2.95 127 iPn 48 34.30 0.3
GRG 3.10 134 ePnc 48 36.62 0.4
eSn 49 11.50
GZR 3.28 46 iPc 48 38.00 -0.9
KZN 3.32 148 ePb 48 40.00 0.5
KEK 3.43 176 ePb 48 41.50 0.5
THE 3.63 133 ePn 48 42.90 -0.8
eSn 49 25.86
ZAG 3.65 318 e(Pn) 48 45.10 1.1
iSn 49 27.60
iSg 49 43.40
IGT 3.67 169 ePn 48 45.62 1.3
eSn 49 27.02
SRS 3.68 122 ePn 48 44.78 0.2
eSn 49 27.94
DEV 3.69 41 ePc 48 55.00 10.4X
SOH 3.72 127 ePn 48 45.58 0.5
PTJ 3.72 319 iPnc 48 44.30 -0.9
eS 49 31.30
LIT 3.80 142 ePnc 48 46.25 0.1
eSn 49 28.94
DRA 3.80 64 eP 49 01.00 14.8X
DUI 3.98 250 P 48 50.30 1.5
SGO 4.03 232 P 48 49.20 -0.1
COZ 4.14 57 ePd 49 02.00 10.9X
MGR 4.19 226 P 48 51.50 -0.1
eSn 49 41.30
TDS 4.19 215 Pd 48 51.10 -0.6
OUR 4.40 128 ePn 48 54.78 0.1
eSn 49 44.58
CEY 4.44 308 ePn 48 55.40 0.2
e(Sg) 50 15.00
PAIG 4.51 134 ePnc 48 55.97 -0.3
eSn 49 46.94
AQU 4.52 262 P 48 57.40 0.9
eSn 49 50.60
LJU 4.56 311 ePn 48 56.50 -0.4
AZI 4.59 258 P 48 59.40 2.1
AGG 4.65 151 ePn 48 58.86 0.5
eSn 49 51.74
SRD 4.74 351 e(Pn) 48 58.50 -1.0
i 49 02.50

- i 49 20.50
i 49 29.20
i 50 04.60
ARV 4.76 277 P 49 01.40 1.5
PSZ 4.79 4 ePn 48 58.50 -1.8
TRI 4.81 304 e(Pn) 49 02.00 1.4
e 49 14.70
e(Sn) 50 00.50
i 50 22.40
i(Sg) 50 27.50
GRI 4.89 209 P 49 00.48 -1.2
VOY 4.91 308 ePn 49 02.10 0.1
e(Sg) 50 41.80
ASS 4.97 272 P 49 03.10 0.3
BUC 4.98 73 eP 49 30.00 27.2X
VLS 5.03 170 ePn 49 02.40 -1.3
MNS 5.04 264 Pd 49 03.80 0.0
RSM 5.15 281 P 49 08.00 2.8X
RMP 5.16 257 P 49 06.00 0.5
RDP 5.17 257 P 49 06.00 0.3
MLR 5.22 61 ePc 49 03.50 -2.9X
ZST 5.32 343 eP 49 11.20 3.6X
i 49 16.80
i 49 40.00
i 50 06.20
ALN 5.40 112 ePn 49 08.30 -0.5
ISR 5.48 66 eP 49 21.00 10.9X
CRE 5.49 278 P 49 11.90 1.7
PGD 5.67 280 P 49 13.00 0.2
SOI 5.68 208 P 49 10.90 -1.9
eSn 50 11.30
VVI 5.77 302 P 49 16.60 2.6X
KBA 5.84 314 eP 49 14.20 -1.1
FVI 5.86 308 P 49 14.80 -0.5
VRI 5.87 60 eP 49 15.50 0.0
MME 6.43 282 P 49 24.00 0.3
PII 6.53 278 P 49 24.20 -0.5
WTTA 6.89 309 iPc 49 29.50 -0.5
KHC 7.25 328 Pn 49 33.40 -1.4
BOB 7.40 286 P 49 39.10 2.1
PRU 7.64 335 ePn 49 42.00 1.8X
e 50 02.20
e 50 33.50
PGF 7.70 269 Pn 49 40.10 -1.2
KSP 8.00 345 eP 50 08.00 22.6X
GRF 8.67 322 e(Pn) 49 55.40 0.7
e(Pg) 50 30.80
SBF 8.76 279 Pn 49 54.20 -1.9X
Sn 51 28.50
FRF 9.34 277 Pn 50 01.40 -2.5X
LPG 9.40 289 Pn 50 00.10 -5.0X
Sn 51 41.20
LPL 9.42 289 Pn 50 00.60 -4.7X
Sn 51 40.80
LMR 9.45 276 Pn 50 01.70 -3.8X
LRG 9.55 276 Pn 50 02.20 -4.7X
CDF 10.00 306 Pn 50 09.40 -3.8X
BSF 10.05 302 Pn 50 10.10 -3.7X
HAU 10.39 302 Pn 50 15.50 -2.9X
LBF 11.60 295 Pn 50 30.50 -4.4X
Sn 52 35.60
SMF 11.61 293 Pn 50 31.70 -3.4X
Sn 52 35.10
LOR 11.75 296 Pn 50 33.80 -3.1X
Sn 52 42.30
SSF 11.93 295 Pn 50 34.60 -4.7X
Sn 52 44.60
AVF 11.97 293 Pn 50 36.80 -3.1X
S.D. = 1.1 on 71 of 96 obs.
SEP 24, 1992 02h 04m 29.47±0.47s
44.925 N ± 3.4km 6.785 E ± 5.8km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG), 2.1 (GEN).
RRL 0.00 186 P 04 30.56 -1.0
S 04 32.71
BHB 0.35 104 P 04 36.50 -0.2
S 04 43.17
RSP 0.40 56 P 04 39.17 1.4
S 04 46.96
PZZ 0.48 152 P 04 38.04 -1.1
S 04 44.71
LPG 0.57 358 Pg 04 40.80 -0.5
Sg 04 49.60
LPL 0.59 356 Pg 04 41.20 -0.4

Sg 04 50.20
LSD 0.59 26 P 04 41.22 -0.4
S 04 50.96
STV 0.78 150 P 04 43.99 -0.8
S 04 54.65
ENR 0.83 147 P 04 45.73 0.1
S 04 57.62
S8F 1.16 156 Pg 04 52.40 1.2
Sg 05 09.90
FRF 1.37 184 Pg 04 54.90 0.3
Sg 05 12.40
LRG 1.50 192 Pg 04 56.90 0.5
Sg 05 16.50
LMR 1.60 187 Pg 04 58.20 0.3
Sg 05 19.10
BGF 3.21 302 Pn 05 20.90 0.1
S.D. = 0.8 on 14 of 14 obs.

* SEP 24, 1992 03h 14m 12.58±0.89s
39.608 N ± 8.5km 35.137 E ± 9.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MG 3.4 (DDA).

CTK 1.11 348 iP 14 33.60 0.2
eS 14 52.00
SVST 1.40 83 eP 14 38.40 0.1
eS 15 01.20
KVT 1.63 25 iPn 14 40.20 -1.2
KART 1.69 338 eP 14 43.90 1.5
eS 15 06.30
BBTK 1.85 278 eP 14 43.70 -1.0
eS 15 06.00
ADAT 2.55 176 ePn 14 55.00 0.4
eSg 15 31.20
SGKT 2.55 293 eP 14 59.00 4.1X
DVR 2.85 304 eP 15 03.50 4.5X
S.D. = 1.3 on 6 of 8 obs.

? SEP 24, 1992 03h 24m 54.96±5.33s
38.841 N ± 43.5km 23.201 E ± 21.3km
DEPTH = 10.0km (geophysicist)

GREECE (364)
MD 2.2 (THE).

AGG 0.70 285 ePg 25 08.90 0.0
eSg 25 18.72
PAIG 1.15 19 ePg 25 16.44 0.0
eSg 25 30.56
LIT 1.37 337 ePb 25 19.70 -0.4
eSb 25 39.36
OUR 1.61 22 ePb 25 23.37 -0.1
GRG 2.20 344 ePn 25 32.52 0.4
S.D. = 0.4 on 5 of 5 obs.

* SEP 24, 1992 04h 03m 13.32±1.50s
51.159 N ± 16.4km 15.848 E ± 7.5km
DEPTH = 10.0km (geophysicist)

POLAND (548)
ML 3.2 (GRF).

KSP 0.42 138 iPd 03 20.30 -1.7
0.5s 56.00nm
IS 03 29.00
BRG 1.24 257 iPg 03 35.60 -0.7
ISg 03 55.80
PRU 1.44 216 Pg 03 41.10 1.7
0.5s 14.00nm
Sg 04 04.70
CLL 1.80 276 (Pg) 03 44.00 -0.5
ISg 04 09.80
KHC 2.50 217 Pn 03 54.50 -0.2
ePg 04 00.00
Sn 04 20.00
Sg 04 38.00
OJC 2.68 109 eP 03 58.50 1.2
eS 04 33.70
GEC2 2.70 212 ePn 03 57.90 0.3
0.5s 0.63nm
ePg 04 05.10
MOX 2.73 261 ePg 04 04.60 6.6X
eSg 04 43.50
ZST 3.08 164 eP 04 56.20 53.4X
GRF 3.30 245 e(Pn) 04 06.00 -0.1
ePg 04 17.20
eSg 05 02.30
S.D. = 1.3 on 8 of 10 obs.

& SEP 24, 1992 04h 14m 34.73s
63.654 N 148.772 W
DEPTH = 13.5km
CENTRAL ALASKA (1)
<AEIC>. ML 2.8 (AEIC).

MCK 0.11 317 iP 14 37.99 0.0
eS 14 40.59
RND 0.25 188 iP 14 40.10 -0.3
eS 14 43.63
TRF 0.71 254 iP 14 48.36 -0.1
eS 14 59.27
HUR 0.78 210 iP 14 49.74 0.1
eS 15 01.47
WRH 0.87 20 eP 14 51.23 0.0
S 15 04.39
NEA 0.94 352 eP 14 52.42 0.2
eS 15 05.23
KTH 0.97 265 eP 14 53.36 0.5
eS 15 06.61
CCB 1.08 23 eP 14 54.82 0.1
eS 15 10.96
HDA 1.10 46 eP 14 55.00 -0.1
eS 15 10.21
DDM 1.30 83 eP 14 58.98 0.5
FBA 1.32 18 P 14 59.50 0.7
S 15 16.60
DJE 1.42 73 eP 15 00.59 0.5
S 15 20.13
GLM 1.47 24 eP 15 01.11 0.3
MLY 1.63 329 eP 15 03.28 0.2
PAX 1.64 113 eP 15 04.07 0.7
S 15 25.35
SDG 1.85 126 eP 15 07.90 1.5
eS 15 31.58
SML 1.86 174 eP 15 07.07 0.5
eS 15 31.25
GHO 1.89 182 eP 15 07.39 0.4
SCM 1.94 159 eP 15 08.79 1.0
TOA 1.96 141 eP 15 09.93 2.0
PWA 2.07 195 eP 15 10.93 1.4
PLRM 2.08 185 eP 15 10.46 0.9
DOT 2.10 88 eP 15 10.71 0.7
S 15 38.92
SKT 2.10 218 eP 15 11.02 1.0
KNK 2.25 176 eP 15 13.34 1.1
SUA 2.38 203 eP 15 15.13 1.1
PMS 2.45 189 eP 15 15.62 0.7
KLU 2.54 147 eP 15 16.34 0.1
NCG 2.75 216 eP 15 20.37 1.0
VLZ 2.78 155 eP 15 19.70 0.2
CGLM 2.79 214 eP 15 20.66 0.7
CRP 2.87 215 eP 15 22.07 1.1
GLI 2.89 164 eP 15 22.85 1.6
FID 3.11 159 eP 15 24.57 0.3
GLB 3.20 132 eP 15 26.35 0.8
SLKM 3.23 193 eP 15 26.40 0.3
KNIM 3.35 171 eP 15 27.94 0.2
SGAM 3.58 150 P 15 36.90 5.9
WAX 4.25 136 P 15 39.00 -1.6
39 obs. associated

? SEP 24, 1992 05h 33m 24.65±5.99s
33.727 S ± 15.0km 70.334 W ± 25.1km
DEPTH = 108.4 ± 48.1 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

PCH 0.18 305 iPd 33 40.14 -0.1
IS 33 52.34
CHCH 0.34 232 iP+ 33 40.62 0.0
IS 33 53.39
FCH 0.40 5 iP 33 41.29 -0.1
IS 33 55.02
CACH 0.45 210 iP+ 33 41.58 0.2
IS 33 55.18
TACH 0.51 278 iP+ 33 41.69 0.1
IS 33 54.89
PEL 0.65 333 iP+ 33 42.84 0.1
IS 33 56.83
LNV 0.92 255 iP+ 33 44.95 -0.2
IS 34 00.36
ROCH 0.94 323 iP 33 45.75 0.1
IS 34 01.86
LCCH 1.06 283 iP 33 46.72 0.1
IS 34 03.35

JACH 1.06 348 iP 33 46.75 -0.1
IS 34 04.42
S.D. = 0.2 on 10 of 10 obs.

? SEP 24, 1992 05h 48m 42.81±0.98s
39.287 N ± 10.5km 28.142 E ± 10.9km
DEPTH = 33.0km (normal)

TURKEY (366)

DST 0.49 50 iPg 48 54.00 0.6
ISg 49 02.50
EDC 1.08 349 ePg 49 01.30 -0.4
eSg 49 15.30
IZM 1.12 218 iPn 49 02.50 0.2
ALT 1.55 98 ePn 49 08.00 -0.5
S.D. = 0.9 on 4 of 4 obs.

? SEP 24, 1992 06h 10m 25.08±1.35s
14.319 N ± 23.5km 91.447 W ± 16.2km
DEPTH = 33.0km (normal)

GUATEMALA (70)

TPX 0.98 307 eP 10 41.62 -0.9
IS 10 52.50
SCX 2.66 335 iP 11 12.39 5.8X
(S) 11 49.43
OXX 5.78 299 iP 11 54.87 3.9X
IS 12 55.92
ISM 7.34 310 (P) 12 13.05 0.4
IS 13 32.08
IIT 8.07 306 (P) 12 50.00 26.8X
IIA 8.41 306 (P) 13 06.19 38.5X
ACX 8.49 288 (P) 13 05.00 36.2X
III 8.69 299 (P) 12 46.50 14.7X
MRX 10.75 301 (P) 13 04.00 4.2X
UYO 19.95 353 iPc 14 57.40 0.1
FKO 21.53 347 iPc 15 14.00 0.5
LRM 36.05 335 eP 17 26.00 0.3
EKA 77.39 36 P 22 17.00 -1.3
0.8s 5.10nm 4.6mb
LOE 145.98 337 ePKP 30 03.00 0.0
HYB 146.96 18 ePKP 30 05.70 0.9
S.D. = 0.9 on 8 of 15 obs.

* SEP 24, 1992 06h 24m 02.14±0.70s
12.353 N ± 14.6km 86.604 W ± 18.5km
DEPTH = 33.0km (normal)

NICARAGUA (75)

TPX 6.06 295 iP 25 31.80 0.0
IS 26 27.00
OXX 10.86 297 (P) 26 53.00 14.4X
UYO 22.86 343 iPc 29 04.60 0.8
FKO 24.81 339 iPc 29 22.00 -0.7
FNO 24.81 339 iPc 29 22.00 -0.7
ZOBO 33.82 147 eP 30 44.00 -0.3
LPB 34.04 147 eP 30 42.00 -4.0X
CNCB 34.33 147 P 30 49.00 0.3
LRM 39.92 332 eP 31 35.70 0.5
CLL 86.38 38 e(P) 36 30.00 -12.4X
WB2 140.02 254 iPKPd 43 27.70 -2.2X
0.6s 3.00nm
S.D. = 0.7 on 7 of 11 obs.

? SEP 24, 1992 06h 26m 54.32±10.49s
18.457 N ± 43.6km 65.713 W ± 75.2km
DEPTH = 33.0km (normal)

PUERTO RICO REGION (90)

CPD 0.46 205 eP 27 04.00 -0.3
SJC 0.54 230 eP 27 06.00 0.5
CLLP 0.90 246 eP 27 12.00 1.4X
APR 0.96 270 eP 27 11.60 0.1
PORP 0.97 246 eP 27 12.30 0.7
LRS 1.09 262 eP 27 13.60 0.3
MGP 1.38 251 eP 27 16.00 -1.5
S.D. = 1.0 on 6 of 7 obs.

* SEP 24, 1992 06h 37m 56.01±4.33s
32.683 S ± 22.6km 71.775 W ± 24.2km
DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)

MD 3.7 (SAN).

ROCH 0.70 114 iPd 38 10.49 0.4
IS 38 19.59

24d 06h

LCCCH 0.81 168 iPd 38 12.12 0.4
 JACH 1.00 90 iS 38 22.30
 PEL 1.02 117 iP+ 38 14.74 -0.2
 TACH 1.20 144 iS 38 28.83
 SAN 1.21 130 iP 38 15.63 0.2
 LNV 1.31 167 iP+ 38 29.02
 FCH 1.40 118 iS 38 18.17 -0.1
 PCH 1.41 132 iP 38 32.80
 CHCH 1.56 143 iP+ 38 18.14 -0.4
 CACH 1.74 146 iP 38 34.96
 S.D. = 0.5 on 11 of 11 obs.

* SEP 24, 1992 06h 58m 17.34 ± 1.27s
 39.333 N ± 21.6km 98.946 E ± 9.9km
 DEPTH = 33.0km (normal)
 GANSU, CHINA (322)
 ML 4.0 (BJI).

GTA 0.68 83 iPg 58 30.80 0.2
 LZH 5.06 128 iPg 59 33.00 0.0
 BTO 8.60 78 eP 00 22.40 -0.2
 CD2 9.28 153 ePg 00 42.00 10.1X
 XAN 9.59 120 eP 00 22.60 -13.6X
 TIY 10.69 94 eP 00 48.00 -3.3X
 Z 10s 0.25um
 N 10s 0.75um
 GUN 15.73 228 P 01 59.26 0.8
 KKN 16.17 229 P 02 03.50 -0.4
 PKI 16.26 228 P 02 04.86 -0.3
 GKN 16.39 231 P 02 02.74 -3.9X
 S.D. = 0.6 on 6 of 10 obs.

SEP 24, 1992 07h 47m 34.71 ± 0.51s
 13.675 N ± 8.0km 91.106 W ± 7.1km
 DEPTH = 33.0km (normal)
 4.6mb (17 obs.) 3.9Msz (5 obs.)
 NEAR COAST OF GUATEMALA (71)

TPX 1.66 318 iP 48 01.44 -0.4
 SCX 3.38 334 eP 48 14.80
 OXX 6.39 303 iP 48 30.50 4.0X
 IISM 8.01 312 iP 49 11.75
 IIT 8.72 309 iP 49 10.00 0.8
 ACX 9.02 292 (P) 49 20.50
 IIA 9.06 308 eP 49 32.31 0.6
 MRX 11.37 303 (P) 51 09.63
 UYO 20.63 352 iPd 49 45.00 3.2X
 MIAR 20.90 354 iPd 49 45.00 -0.8
 PWLA 21.39 7 (P) 49 49.84 3.6X
 OLY 21.74 359 eP 50 19.50 1.6
 PRM 21.81 20 eP 52 13.00 -1.0
 FNO 22.23 346 iPc 52 16.14 -0.6
 FKO 22.23 346 iPc 52 23.06 1.4
 JSC 22.37 22 eP 52 23.73 -1.5
 GBTN 22.76 15 eP 52 27.23 1.3
 ELC 23.57 4 eP 52 29.10 -1.0
 FVM 24.22 1 eP 52 29.10 -1.0
 CEH 24.62 24 eP 52 33.35 1.9
 Z 22s 14.19nm 4.8mb
 0.4s 11.56nm 4.8mb
 NAV 25.28 20 (P) 52 36.79 1.5
 ALQ 25.31 329 eP 52 42.64 -0.6
 TUC 25.84 319 eP 52 48.27 -1.2
 Z 19s 8.27nm 4.4mb
 0.9s 14.79nm 4.6mb
 MCWV 27.72 19 P 53 05.48 0.4
 Z 21s 0.58um 4.1Msz
 GOL 28.81 337 eP 53 30.00 7.9X
 0.7s 1.52um 4.6Msz
 GLA 28.97 316 eP 53 32.94 0.7
 0.7s 5.42nm 4.4mb
 28.97 316 eP 53 34.11 0.6

PV10 29.30 330 eP 53 37.70 1.1
 PLM 30.54 314 eP 53 48.56 0.9
 SRU 30.59 329 iPd 53 48.62 0.6
 MSU 30.99 327 eP 53 52.31 0.7
 PEC 31.05 315 (P) 53 52.23 0.3
 ARUT 0.8s 3.59nm 4.2mb
 RSSD 31.17 324 eP 53 54.37 1.3
 Z 22s 2.19nm 4.2mb
 0.6s 0.08um 3.3Msz
 DUG 32.30 342 eP 54 02.70 -0.3
 BW06 32.57 328 iPd 54 06.26 1.0
 0.7s 1.99nm 4.1mb
 TNP 33.09 335 eP 54 09.00 -0.9
 1.0s 3.33nm 4.2mb
 HVU 33.59 321 eP 54 15.02 0.7
 0.6s 3.30nm 4.4mb
 RSNY 33.74 330 eP 54 16.18 0.7
 Z 19s 33.86 21 P 54 30.00 13.6X
 0.16um 3.7Msz
 BONR 34.18 320 (P) 54 17.61 -1.9
 EEO 34.38 15 eP 54 23.00 2.2
 HHA1 34.73 332 eP 54 24.33 0.4
 ULM 36.68 355 eP 54 42.50 2.3
 LRM 36.77 335 eP 54 41.20 -0.2
 Z 20s 57 04.20
 0.15um 3.8Msz
 LPB 37.44 142 P 54 48.00 0.3
 CNCB 37.65 142 eP 54 48.00
 LBFM 37.94 142 P 54 55.00 5.8X
 FHC 38.43 322 eP 54 53.00 1.2
 39.41 320 eP 54 56.35 1.0
 0.7s 35.14nm 5.2mb
 DPW 40.86 332 eP 55 04.50 1.2
 LON 41.82 328 eP 55 15.75 0.6
 JAQ 41.84 14 eP 55 23.54 0.5
 MCW 43.63 330 eP 55 21.50 -1.5
 YKA 51.54 346 eP 55 38.07 0.4
 0.6s 7.00nm 4.8mb
 BAO 51.63 123 e(P) 56 37.80 -1.5
 BALM 59.91 334 eP 56 42.00 1.2
 KLU 61.65 334 eP 57 38.97 -0.8
 PMR 63.10 333 eP 57 51.00 -0.6
 0.5s 10.87nm 5.2mb
 SLKM 63.19 332 iPc 58 00.04 -1.0
 FBA 63.89 337 iPc 58 00.89 -0.8
 0.9s 5.46nm 4.7mb
 CRP 64.34 332 eP 58 04.66 -1.6
 MBC 64.34 353 eP 58 08.29 -1.2
 0.5s 4.00nm 4.8mb
 REF 64.34 331 eP 58 07.50 -1.5
 CPKM 64.37 332 eP 58 07.86 -1.6
 SVW 65.89 331 eP 58 09.42 -0.3
 0.6s 25.24nm 5.5mb
 TTA 66.58 333 eP 58 17.84 -1.4
 0.7s 7.18nm 4.9mb
 DAG 72.75 13 eP 58 22.09 -1.6
 KIC 85.00 85 P 58 59.30 -1.8
 CNB 121.80 237 iPKPc 58 08.20 -0.6
 0.9s 17.00nm
 CAN 122.10 237 ePKP 06 25.10 -2.4
 BWA 122.66 238 ePKP 06 24.80 -3.2X
 WB2 136.14 255 iPKPc 06 33.20 4.1X
 0.4s 5.20nm
 LOE 146.62 337 ePKP 07 01.90
 NST 148.79 339 ePKP 07 15.50 1.7
 GBA 150.62 23 PKP 07 23.00 5.7X
 NNT 151.78 337 ePKP 07 25.50 5.4X
 KOD 153.68 26 ePKP 07 29.10 7.2X
 153.68 26 ePKP 07 34.00 9.0X
 S.D. = 1.2 on 64 of 76 obs.

* SEP 24, 1992 08h 50m 55.82 ± 2.82s
 31.666 S ± 8.4km 69.584 W ± 15.7km
 DEPTH = 133.3 ± 36.1 km
 SAN JUAN PROVINCE, ARGENTINA (137)

ZON 0.78 81 iPc 51 17.00 -0.5
 JACH 1.33 220 iPd 51 31.00
 PEL 1.74 212 iPd 51 31.00
 FCH 1.76 200 iP+ 51 22.69 0.0
 51 42.43
 ROCH 1.78 222 iPd 51 27.57 0.2
 51 50.38
 51 28.80 0.9
 51 52.60
 51 27.47 -0.5
 51 50.70

TLL 1.83 325 iPd 51 28.99 0.4
 SAN 2.00 207 iP 51 53.40
 PCH 2.10 202 iP+ 51 50.56 0.1
 TACH 2.29 210 iPd 51 51.30 0.4
 CHCH 2.43 201 iP+ 51 52.15 0.4
 LCCCH 2.46 222 iPd 51 59.52
 CACH 2.59 199 iP 51 53.75 -0.2
 LNV 2.75 213 iPd 51 52.07
 S.D. = 0.6 on 13 of 13 obs.

* SEP 24, 1992 09h 22m 14.94 ± 1.03s
 40.517 N ± 9.8km 21.809 E ± 7.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

FNA 0.42 309 eP 22 23.30 -0.3
 GRG 0.63 45 eP 22 27.30 -0.3
 LIT 0.67 128 eP 22 28.20 0.0
 OHR 0.97 308 ePn 22 39.70
 VAY 0.99 35 ePn 22 33.70 0.3
 S.D. = 0.4 on 5 of 5 obs.

* SEP 24, 1992 10h 32m 10.64 ± 0.73s
 24.413 N ± 9.1km 123.689 E ± 13.1km
 DEPTH = 33.0km (normal)
 4.4mb (10 obs.)
 SOUTHWESTERN RYUKYU ISLANDS (246)
 ML 4.1 (BJI).

OZH 4.67 278 eP 33 20.70 0.1
 CVP 6.90 195 eP 33 53.00 0.9
 SSE 7.02 342 eP 33 50.00 -3.7X
 Z 12s 1.80um
 NJ2 8.72 332 Pc 34 21.00 3.6X
 GYA 15.52 281 iPc 35 55.00 6.2X
 0.8s 7.80nm 4.0mb
 XAN 16.05 310 eP 35 57.00 2.2
 TIY 16.37 327 Pd 36 04.00 4.4X
 Z 14s 0.71um
 BJI 16.82 340 eP 36 10.00 4.9X
 1.2s 29.00nm 4.3mb
 Z 12s 0.66um 5.0Msz
 N 10s 0.52um
 CD2 18.79 295 eP 36 29.00 -0.8
 HHC 19.28 331 Pd 36 39.60 4.1X
 1.4s 56.00nm 4.6mb
 Z 14s 0.35um 4.1Msz
 CN2 19.39 4 P 36 38.40 1.7
 1.2s 17.00nm 4.2mb
 BTO 19.79 328 eP 36 39.40 -1.8
 LZH 20.67 309 eP 36 51.00 0.5
 1.8s 63.00nm 4.7mb
 Z 16s 0.34um 3.8Msz
 GTA 25.08 312 eP 37 32.00 -1.8
 1.0s 9.00nm 4.3mb
 Z 10s 0.64um 4.4Msz
 E 10s 0.64um
 WB2 45.30 166 iPd 40 27.50 0.3
 0.8s 12.60nm 4.9mb
 ASPA 48.81 168 iPc 40 54.50 -0.3
 0.6s 6.00nm 4.8mb
 WARB 50.38 177 eP 41 06.00 -0.8
 YKA 81.86 24 eP 44 27.20 -0.5
 0.9s 4.90nm 4.5mb
 GEC2 84.11 321 ePKPd 44 39.80 0.2
 1.1s 1.98nm 4.2mb
 S.D. = 1.3 on 13 of 19 obs.

* SEP 24, 1992 11h 14m 29.36s
 63.111 N 149.582 W
 DEPTH = 84.9km
 CENTRAL ALASKA (1)
 <AEIC>.

HUR 0.14 191 eP 14 41.54 1.6
 RND 0.44 48 eP 14 50.94
 14 42.71 -0.7

24d 11h

TRF	0.47	317	iP	14	53.24	0.0
			eS	14	43.69	0.0
			eS	14	54.23	
MCK	0.69	25	eP	14	44.85	-0.7
GHO	1.38	167	eP	14	53.86	0.1
SML	1.43	156	eP	14	54.24	-0.2
			eS	15	14.41	
SKT	1.45	219	iP	14	54.16	-0.5
PWA	1.47	186	eP	14	55.08	0.2
			S	15	15.64	
WRH	1.52	25	eP	14	55.23	-0.3
PLRM	1.54	172	eP	14	56.04	0.3
SCM	1.66	140	eP	14	56.91	-0.5
SUA	1.74	199	eP	14	58.85	0.3
			eS	15	22.76	
HDA	1.75	41	eP	14	57.55	-1.0
KNK	1.78	162	eP	14	59.00	-0.1
			S	15	22.28	
TOA	1.87	121	iP	15	00.44	0.2
PMS	1.87	180	eP	15	01.41	1.1
PAX	1.88	92	eP	15	00.02	-0.4
			S	15	23.83	
SDG	1.94	106	eP	15	00.85	-0.4
			eS	15	26.12	
DJE	1.97	60	eP	15	00.67	-0.9
MLY	1.99	346	eP	15	00.46	-1.4
NCG	2.09	216	eP	15	01.60	-1.7
GLM	2.12	26	eP	15	02.04	-1.5
CGLM	2.14	213	eP	15	04.02	0.1
TZL	2.20	117	eP	15	04.26	-0.4
CRP	2.21	214	eP	15	05.83	0.9
SPU	2.26	212	eP	15	05.71	0.2
PTE	2.27	173	eP	15	05.77	0.2
BGL	2.27	217	eP	15	06.45	0.7
CKL	2.32	215	eP	15	06.35	0.0
KLU	2.36	132	eP	15	05.40	-1.5
BKG	2.41	213	eP	15	06.98	-0.6
VLZ	2.51	141	eP	15	06.87	-1.9
GLI	2.53	151	eP	15	07.50	-1.6
DOT	2.54	75	eP	15	08.29	-1.1
SLKM	2.63	187	eP	15	10.83	0.3
MPA	2.63	178	eP	15	10.31	-0.2
FID	2.79	147	eP	15	11.55	-1.1
RDT	2.88	209	eP	15	13.88	-0.1
KNIM	2.91	162	eP	15	14.33	0.0
TTA	2.94	269	eP	15	13.83	-1.0
HIN	3.09	150	eP	15	15.95	-1.0
GLB	3.18	119	eP	15	16.64	-1.5
SGAM	3.34	140	eP	15	18.14	-2.2
RAGM	3.59	137	eP	15	22.24	-1.6

44 abs. associated

* SEP 24, 1992 11h 34m 42.52±1.09s
 43.334 N ±10.8km 24.139 E ±17.1km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)
 MD 2.6 (THE).

SRS	2.25	191	ePb	35	20.37	0.0
			eSb	35	44.96	
VAY	2.32	211	ePn	35	22.20	0.8
MLR	2.51	30	eP	35	24.00	-0.2
SOH	2.58	193	ePn	35	24.40	-0.6
			eSn	35	52.40	
GRG	2.70	209	ePn	35	27.90	1.0
			eSn	35	58.60	
ALN	2.82	149	ePn	35	29.60	1.2
THE	2.84	198	ePn	35	28.12	-0.6
OUR	3.00	182	ePn	35	29.36	-1.6
			eSn	36	04.52	
PAIG	3.42	186	ePn	35	34.32	-2.6X

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

* SEP 24, 1992 11h 42m 46.86±2.68s
 44.662 N ±24.6km 34.481 E ±11.3km
 DEPTH = 33.0km (normal)
 CRIMEA REGION, UKRAINE (361)
 MG 3.3 (DDA).

KVT	3.76	162	iPn	43	44.70	0.7
DVR	3.94	208	eP	43	47.00	0.4
			eS	44	25.20	
AKKT	4.31	153	eP	43	51.00	-0.9
			eS	44	34.00	
SGKT	4.46	204	eP	44	54.00	59.9X
CFR	4.52	279	iPd	43	43.50	-11.3X
PSN	4.63	260	iP	43	58.00	1.7X

GYN	5.12	214	eP	44	03.00	-0.4
			eS	44	55.00	
SVST	5.22	159	eP	44	05.00	-0.2
GBZT	5.36	226	ePg	44	06.80	0.2
ISK	5.37	230	iPg	44	06.30	-0.4
CLI	5.39	293	iPd	43	58.40	-8.7X
VR1	5.61	285	ePd	43	59.50	-10.6X
DMK	5.67	242	iPg	44	10.40	-0.6
MLR	6.10	281	ePc	44	07.00	-10.2X
JMB	6.14	252	iPc	44	18.00	0.3
PVL	6.76	261	iP	44	29.00	2.7X
KDZ	7.28	249	iP	44	34.00	0.4
RZN	7.73	251	iP	44	40.00	-0.1

S.D. = 0.6 on 11 of 18 obs.

% SEP 24, 1992 11h 47m 20.85±1.38s
 12.086 N ±22.5km 122.841 E ±17.5km
 DEPTH = 33.0km (normal)

LUZON, PHILIPPINE ISLANDS (249)

MAP	2.08	147	iPc	48	02.60	8.5X
			eS	48	29.60	
PLP	2.29	113	ePd	47	57.00	0.0
			iS	48	19.50	
PGP	2.32	308	ePc	47	57.80	0.3
TGY	2.73	317	eP	48	02.50	-0.8
QVP	3.09	325	ePd	48	09.00	0.5
			eS	48	47.00	
CVP	5.67	350	eP	48	45.00	0.0

S.D. = 0.7 on 5 of 6 obs.

SEP 24, 1992 12h 08m 21.88±0.25s
 1.355 N ±4.7km 123.497 E ±7.1km
 DEPTH = 23.5km (8 depth phases)
 5.1mb (25 obs.) 4.8Msz (7 obs.)

MINAHASSA PENINSULA, SULAWESI (265)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 19S, 26C
 Centroid Location:
 Origin Time 12:08:19.1 0.8
 Lat 1.34N FIX; Lon 123.44E FIX
 Dep 15.0 FIX Half-duration 1.1
 Moment Tensor: Scale 10¹⁶ Nm
 Mrr= 5.78 0.61 Mtt= -8.11 0.51
 Mff= 2.33 1.01 Mrt= 1.49 2.39
 Mrf= 1.06 1.51 Mtf= 1.38 0.45
 Principal Axes:
 T Val= 6.31 Plg=71 Azm=293
 N 2.11 18 95
 P -8.42 6 187
 Best Double Couple: Mo=7.4*10¹⁶
 NP1: Strike=295 Dip=42 Slip= 117
 NP2: B1 53 67

PCI	4.29	239	ePc	09	28.50	1.1
			eS	10	15.00	
			e	14	51.50	
TSM	6.33	298	ePc	09	53.00	-3.2X
			1.0s	457.70nm	6.3mb X	
			e	15	20.00	
KHKI	12.45	219	ePc	11	31.60	11.0X
			e	14	45.00	
MTN	16.01	152	eP	12	07.00	-0.4
KNA	17.78	163	eP	12	29.50	-0.1
QIZ	22.08	324	eP	13	14.00	-3.1X
			N 14s	1.54um		
			E 17s	1.79um		
			eS	17	14.00	
MBL	22.66	189	eP	13	21.00	-1.9
IPM	22.67	279	ePd	13	23.10	0.1
			e	13	40.80	80kmX
SNG	23.53	285	eP	13	32.20	0.9
			eS	17	51.80	
WB2	23.69	154	iPc	13	32.70	-0.2
			0.8s	35.60nm	5.0mb	
QZH	23.92	349	eP	13	36.00	0.9
			Z 18s	1.81um	4.6Msz	
			S	17	47.00	
			sS	17	58.00	
LAT	24.78	109	eP	13	45.90	2.4
NANU	25.01	198	eP	13	44.70	-0.9
			0.3s	7.00nm	4.8mb	
PMG	25.88	115	eP	13	54.00	0.1
			0.1s	511.11nm	7.0mb X	
NNT	26.06	296	eP	13	57.30	1.8
ASPA	26.85	158	eP	14	02.20	-0.6

		1.1s	15.30nm			4.5mb
	Z	17s	1.60um			4.6MszX
QIS		26.89	145 eP	14	03.00	-0.2
		0.3s	8.00nm			4.8mb
NST		27.08	303 eP	14	09.00	4.1X
WARB		27.54	174 eP	14	08.00	-1.1
GYA		29.75	328 P	14	28.80	-0.3
	Z	18s	1.56um			4.7Msz
			S	19	26.00	
NJ2		30.85	352 Pc	14	39.00	0.5
		1.2s	34.00nm			5.1mb
CTA		30.85	135 eP	14	32.00	-6.8X
			i	14	38.00	21km
			e	17	23.00	
			eS	19	30.00	
KMI		30.98	321 Pc	14	41.00	0.9
		0.6s	30.00nm			5.3mb
	Z	16s	1.20um			4.7MszX
	E	12s	0.60um			
			pP	14	49.00	28km
MRWA		31.24	193 eP	14	40.00	-2.0
BAL		32.43	191 eP	14	50.00	-2.5
CD2		34.84	329 Pc	15	13.00	-0.4
		0.8s	40.00nm			5.4mb
			eS	20	40.00	
XAN		35.26	339 P	15	15.90	-1.0
	Z	18s	2.42um			5.0Msz
	N	14s	1.39um			
	E	15s	1.63um			
			S	20	50.00	
RMQ		36.88	140 eP	15	30.10	-0.6
		1.2s	25.00nm			4.9mb
STKA		37.24	154 iPc	15	33.10	-0.5
STK		37.24	154 iPc	15	33.10	-0.5
MAT		37.57	20 iPd	15	33.80	-2.5
		1.0s	23.00nm			5.0mb
			eS	21	18.00	
SHL		38.83	311 eP	15	47.00	-0.3
			eS	21	44.00	
ADE		38.84	160 eP	15	48.00	0.9
LZH		39.07	334 eP	15	50.00	0.9
		1.5s	43.00nm			5.0mb
	Z	18s	1.33um			4.8Msz
	E	15s	1.07um			
			pP	15	58.00	27km
			PP	17	24.00	
			PcP	18	03.00	
			S	21	42.00	
BJI		39.08	351 eP	15	47.00	-1.9
		1.4s	48.00nm			5.0mb
	Z	18s	0.89um			4.6Msz
BRS		40.13	138 iP	15	53.00	-4.8X
			i	15	58.00	17km
HHC		40.77	346 P	16	03.50	0.5
		1.2s	20.00nm			4.7mb
	Z	16s	1.07um			4.8MszX
			S	22	13.00	
BTO		40.93	344 eP	16	03.00	-1.3
	N	16s	0.96um			
	E	15s	0.53um			
ARMA		41.43	142 eP	16	09.50	0.9
		1.0s	25.00nm			4.9mb
LSA		41.72	316 eP	16	13.20	1.8
			S	22	29.50	
BWA		42.59	149 iPc	16	19.90	2.0
			i	18	00.30	560kmX
MDJ		43.42	6 eP	16	26.00	1.5
CAN		43.58	149 iPc	16	26.90	0.9
			iP	16	36.00	30km
			e	18	14.80	
GTA		43.60	333 iPd	16	26.50	0.3
		1.0s	47.00nm			5.2mb
	Z	16s	1.72um			5.1MszX
	E	14s	2.02um			
			S	22	54.00	
TOO		43.76	155 eP	16	28.00	0.6
CNB		43.77	149 iPc	16	28.90	1.4
		1.0s	42.00nm			5.2mb
HYB		46.96	293 eP	16	53.00	-0.2
GBA		47.16	287 P	16	54.00	-0.7
ZAK		51.78	344 eP	17	29.00	-0.8
	Z	16s	0.60um			4.7MszX
	N	17s	0.39um			
	E	18s	0.30um			
			eS	24	51.00	
			eSS	28	24.00	
NDI		51.81	306 eP	17	30.00	-0.4

24d 12h

WMO 52.91 328 P 17 39.00 0.5
 1.0s 14.00nm 4.8mb
 Z 18s 1.05um 4.9Msz
 N 12s 0.76um
 pP 17 45.50 21km
 sP 17 54.00
 S 25 07.00
 sS 25 18.00
 BOD 56.81 354 eP 18 04.50 -2.1
 1.1s 18.00nm 5.0mb
 PRZ 57.46 322 eP 18 13.00 1.4
 1.0s 30.00nm 5.3mb
 eS 26 13.00
 TLG 58.51 322 eP 18 20.30 1.4
 1.0s 800.00nm 6.8mb X
 N 16s 0.30um
 e 20 37.00 770kmX
 eS 26 25.00
 MGD 62.26 15 ePc 18 43.00 -1.1
 1.0s 30.00nm 5.4mb
 e 18 50.00 23km
 eS 27 08.00
 eSS 31 12.00
 eSSS 33 50.00
 MAIO 68.42 309 eP 19 24.00 -0.3
 ASH 69.72 310 eP 19 32.50 0.3
 TIK 70.26 2 eP 19 40.00 5.3X
 1.0s 29.00nm 5.4mb
 Z 20s 0.50um 4.8Msz
 NRI 71.92 348 ePc 19 42.50 -2.4
 1.0s 14.00nm 5.0mb
 Z 17s 1.30um 5.3MszX
 e 19 49.00 21km
 e 20 03.00
 SVE 74.31 329 ePd 19 59.00 -0.1
 2.7s 50.00nm 5.1mb
 Z 16s 0.50um 4.9MszX
 N 16s 0.30um
 E 16s 0.40um
 eSS 34 15.00
 ARU 75.21 329 eP 20 09.00 4.7X
 ILT 77.10 19 iPd 20 14.00 -0.7
 IS 30 00.00
 e 30 44.00
 MAW 80.43 200 iPc 20 32.00 0.0
 1.0s 26.00nm 5.2mb
 ePcP 20 46.00
 OBN 87.12 325 eP 21 07.00 0.0
 1.0s 18.00nm 5.3mb
 eS 31 40.00
 ePS 32 50.00
 eSSS 41 08.00
 SPA 91.35 180 iPc 21 27.90 1.0
 1.0s 15.00nm 5.3mb
 KIC 127.76 279 PKP 27 28.00 -0.3
 TIC 128.01 279 PKP 27 27.50 -1.2
 PEL 145.69 159 ePKP 28 01.40 0.7
 1.0s 70.00nm
 MDZ 146.56 161 ePKP 28 02.20 0.0
 TLL 148.29 156 ePKP 28 08.40 3.1X
 CNCB 160.93 144 PKP 28 28.10 5.4X
 LPB 161.08 144 ePKP 28 25.00 2.3
 ZOBO 161.25 143 PKP 28 24.10 1.0
 S.D. = 1.2 an 63 of 73 obs.

? SEP 24, 1992 12h 37m 43.57± 1.61s
 0.998 N ± 23.0km 123.582 E ± 15.6km
 DEPTH = 33.0km (normal)
 4.6mb (2 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

PCI 4.19 243 ePd 38 47.50 0.7
 e 41 08.00
 WB2 23.34 154 iPc 42 49.00 -0.2
 0.6s 18.90nm 4.8mb
 NANU 24.70 198 eP 43 02.00 -1.1
 ASPA 26.49 158 eP 43 29.10 9.2X
 0.5s 4.40nm 4.3mb
 CAN 43.24 149 eP 45 44.50 0.9
 HYB 47.17 293 eP 46 15.00 -0.3
 S.D. = 1.1 an 5 of 6 abs.

SEP 24, 1992 13h 22m 19.55± 0.76s
 31.044 S ± 8.0km 67.811 W ± 8.1km
 DEPTH = 9.5 ± 5.2 km
 4.9mb (1 obs.)
 SAN JUAN PROVINCE, ARGENTINA (137)

Felt (III) at San Juan.

RTLL 0.63 243 iPd 22 29.90 -2.3
 ZON 0.90 236 iPc 22 34.00 -2.8X
 RTCB 0.95 242 iPd 22 36.10 -1.7
 RTCV 1.02 217 iPc 22 37.10 -1.9
 RTPR 1.34 57 iPc 22 45.80 1.5
 RTBS 1.53 246 iPd 22 46.40 -0.6
 MDZ 2.03 205 iS 22 59.40 5.0X
 iS 23 21.90
 TLL 2.72 288 iP+ 23 06.30 1.8
 JACH 2.88 235 iPd 23 08.33 1.9
 (S) 23 45.11
 FCH 3.10 222 iPd 23 11.72 2.0
 (S) 23 52.81
 PEL 3.21 229 iP+ 23 12.37 1.2
 iS 23 56.33
 ROCH 3.33 234 iPd 23 13.33 0.3
 iS 23 58.81
 SAN 3.41 224 iPd 23 14.83 0.9
 iS 24 02.46
 PCH 3.44 221 iPd 23 15.68 1.3
 iS 24 04.05
 TACH 3.71 225 iPd 23 18.41 0.2
 iS 24 09.12
 CHCH 3.75 219 iPd 23 19.57 0.7
 iS 24 10.60
 IHA 3.81 238 eP 23 18.70 -0.8
 i 23 25.10
 iS 24 13.00
 CACH 3.86 217 iPd 23 21.38 0.9
 iPd 23 21.30 -1.0
 LCCH 4.00 232 iS 24 13.77
 iS 23 23.71 -1.4
 LNV 4.20 225 iPd 24 19.34
 iS 23 59.00 -15.0X
 ANT 7.67 342 eP 24 35.40 1.4
 YJA 9.08 14 iPc 25 32.00 -0.4
 ITB7 13.40 67 e(P) 25 41.70 8.5X
 ITB1 13.47 65 e(P) 25 30.00 -4.2X
 ITB 13.54 66 e(P) 25 40.00 3.6X
 CCH 13.69 7 eP 25 43.20 0.1
 CNCB 14.17 359 P 25 43.00 -3.6X
 LPB 14.45 359 eP 25 48.00 -2.0
 ZOBO 14.69 359 P 32 14.00
 LR 32 53.00 0.6
 ARE 14.90 346 eP 26 23.10 0.8
 PPD 17.26 63 eP 26 42.30 13.6X
 RSTA 17.78 74 eP 27 30.10 -2.9X
 BAO 23.74 54 Pc 32 23.00
 e 33 09.00
 e 33 31.00
 e 33 56.50
 e 34 48.70
 e 35 06.40
 e 35 14.50
 e 35 21.00
 e 35 52.20
 e 36 04.80
 e 36 12.50
 e 36 20.50
 e 36 30.00
 e 36 50.50
 BDF 23.78 54 e(P) 27 31.00 -2.4
 e 27 44.00
 SPA 59.13 180 ePd 32 26.90 4.3X
 0.8s 8.75nm 4.9mb
 KIC 70.74 70 P 33 36.30 -2.0
 BUL 85.10 110 iPc 34 57.90 0.4
 iP 35 05.80 25kmX
 WB2 125.01 206 ePKP 41 25.00 2.8X
 0.6s 2.70nm
 S.D. = 1.5 an 27 of 38 obs.

% SEP 24, 1992 13h 39m 55.75± 0.62s
 33.473 S ± 7.6km 70.440 W ± 11.8km
 DEPTH = 90.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).

PCH 0.16 203 iP+ 40 08.81 -0.2
 iS 40 19.15
 FCH 0.19 41 iP 40 09.19 -0.3
 iS 40 20.79
 PEL 0.39 328 iPd 40 10.11 0.2
 iS 40 21.19
 TACH 0.45 246 iP+ 40 10.20 -0.2

CHCH 0.49 201 iS 40 21.74
 iP+ 40 10.79 0.1
 CACH 0.66 192 iS 40 22.60
 iP 40 12.71 0.5
 iS 40 25.69
 ROCH 0.69 316 iP+ 40 12.75 0.1
 iS 40 25.93
 JACH 0.80 351 iP+ 40 13.71 0.1
 iS 40 28.10
 LNV 0.94 239 iP 40 14.57 -0.4
 iS 40 28.72
 LCCH 0.94 270 iP 40 15.33 0.3
 iS 40 30.05
 S.D. = 0.3 on 10 of 10 obs.

SEP 24, 1992 14h 17m 48.86± 0.31s
 43.706 N ± 2.1km 110.387 W ± 2.7km
 DEPTH = 5.0km (geophysicist)
 WYOMING (460)
 ML 3.7 (GS), 3.7 (BUT).

HAYW 0.08 149 iPd 17 51.51 0.6
 TRXW 0.13 289 iPc 17 52.09 0.3
 LOHW 0.18 239 iPd 17 53.27 0.6
 ANGW 0.19 48 iPc 17 51.92 -0.9
 PACW 0.21 340 iPc 17 52.38 -0.8
 MOOW 0.26 280 iPc 17 54.24 0.0
 AVOW 0.32 253 ePd 17 55.62 0.2
 eS 18 00.35
 COLW 0.33 318 iPc 17 55.03 -0.6
 SNOW 0.36 228 iPd 17 56.94 0.8
 STEW 0.40 328 ePc 17 56.13 -0.9
 TARW 0.44 278 ePc 17 57.46 -0.3
 eS 18 03.24
 RAMW 0.45 294 iPc 17 57.30 -0.6
 eS 18 03.58
 TPAW 0.46 242 ePd 17 58.26 0.1
 REDW 0.48 225 ePd 17 59.05 0.5
 BEAW 0.48 200 ePd 17 59.05 0.4
 MUDI 0.51 260 ePd 17 59.07 0.0
 GRAI 0.70 279 ePc 18 02.59 -0.2
 eS 18 11.97
 ALPW 0.71 219 ePd 18 02.91 -0.2
 CHOI 0.72 237 ePd 18 02.81 -0.4
 PINI 0.72 254 ePd 18 03.09 -0.3
 eS 18 13.31
 BW06 1.11 146 iPc 18 09.50 -0.8
 LTMT 1.49 304 ePn 18 16.30 -0.3
 HHAI 1.51 255 eP 18 16.60 -0.1
 eS 18 37.03
 BGMT 1.93 323 iPnc 18 22.90 0.0
 MEMT 1.94 348 ePn 18 24.00 1.0
 MCMT 2.09 303 iPnc 18 26.30 1.0
 LCCM 2.38 334 ePn 18 30.00 0.6
 LRM 2.58 326 ePn 18 33.10 0.9
 HVU 2.61 223 (Pn) 18 32.52 0.0
 eP 18 34.92
 HBMT 2.62 324 ePn 18 33.80 1.0
 BUT 2.78 327 ePg 18 39.80 4.8X
 eSg 19 14.50
 HRY 3.17 342 ePn 18 40.50 0.0
 DAU 3.35 191 (Pn) 18 42.60 -0.7
 EMUT 3.90 185 eP 18 50.56 -0.5
 DUG 3.95 208 eP 18 51.56 0.0
 SRU 4.59 181 eP 19 00.48 -0.3
 RSSD 4.61 83 eP 19 05.88 4.9X
 EBI 5.12 310 P 19 10.90 2.8X
 MSU 5.36 195 eP 19 09.82 -1.9
 GOL 5.49 135 eP 19 15.35 1.8
 GLD 5.53 134 (P) 19 23.00 9.0X
 FVM 16.14 104 eP 21 40.93 3.0X
 0.7s 11.49nm 4.1mb
 S.D. = 0.7 an 37 of 42 abs.

? SEP 24, 1992 14h 24m 56.93± 1.94s
 24.149 S ± 85.7km 179.157 W ± 37.9km
 DEPTH = 500.0km (geophysicist)
 4.7mb (5 obs.)
 SOUTH OF FIJI ISLANDS (171)

RMO 29.06 259 eP 30 18.40 0.8
 0.6s 10.00nm 4.5mb
 CTA 32.25 270 iPd 30 45.20 0.3
 0.7s 17.12nm 4.7mb
 ASPA 42.76 261 iPd 32 11.10 0.0
 0.5s 12.50nm 4.7mb
 WB2 43.15 266 iPd 32 13.50 -0.7

CSY	19.69	236	P	21	44.40	1.6
T00	24.32	343	eP	22	31.90	2.5x
BFD	25.19	337	eP	22	39.10	1.3
	0.8s	71.00nm				5.4mb
CNB	26.12	351	eP	22	46.50	0.0
	1.1s	253.00nm				5.8mb
CAN	26.14	350	iPc	22	47.20	0.5
		e		23	07.70	
BWA	27.08	349	iPc	22	55.60	0.2
		e		23	14.70	
RIV	27.48	354	eP	23	00.20	1.3
Z	18s	16.22um				5.6Msz
		eS		27	45.00	
SPA	28.94	180	iPc	23	13.70	1.6
	0.9s	113.64nm				5.7mb
Z	24s	23.95um				5.7Mszx
CMS	30.27	345	eP	23	24.00	0.0
	1.1s	38.00nm				5.2mb
STK	30.52	338	iPc	23	26.80	0.6
		eS		28	42.70	
STKA	30.52	338	iPc	23	26.80	0.6
		eS		28	42.70	
ARMA	30.86	355	eP	23	30.40	1.1
	1.0s	58.00nm				5.4mb
BRS	33.84	357	iPc-e(PP)	23	54.00	-1.3
		eS		25	04.00	
				29	09.00	
RMQ	34.93	351	iPc	24	05.10	0.4
	1.2s	368.00nm				6.1mb
FORT	35.02	318	eP	24	05.00	-0.3
QLP	35.30	344	iPc	24	08.20	0.4
MAW	36.54	220	iPc	24	19.00	1.2
	1.0s	75.00nm				5.5mb
Z	16s	33.00um				6.2Mszx
COOL	37.34	309	eP	24	24.00	-1.0
MUN	38.31	302	eP	24	32.50	-0.6
Z	20s	25.70um				6.0Msz
BAL	39.32	304	eP	24	41.00	-0.5
WARB	39.74	319	eP	24	43.00	-2.1
DZM	40.01	18	iPc	24	47.90	0.4
ASPA	40.09	330	iPc	24	47.80	-0.2
	1.2s	59.30nm				5.1mb
Z	23s	8819.00um				8.5Mszx
		eS		30	49.70	
MRWA	40.83	304	eP	24	54.00	0.0
MEEK	42.11	309	eP	25	03.00	-1.6
WB2	43.57	332	iPc	25	15.50	-1.0
	1.1s	47.10nm				5.2mb
		i		27	03.50	
WRA	43.57	332	P	25	15.89	-0.6
	1.1s	19.70nm				4.8mb
NVL	45.70	196	iPc	25	32.80	-0.2
	2.0s	227.00nm				5.8mb
Z	20s	18.00um				6.0Msz
N	20s	15.50um				
E	20s	5.50um				
		e		25	48.00	
		ePP		27	17.00	
		eS		32	16.00	
		ePS		32	30.00	
		eScS		35	52.00	
PAF	46.03	245	eP	25	55.00	19.2x
		ePP		28	55.00	
		eS		32	35.00	
		eSS		35	47.00	
MBL	46.67	313	eP	25	40.30	-0.9
NANU	46.97	308	iPd	25	44.00	0.4
SNA	47.72	190	iPc	25	49.40	0.4
	1.0s	56.00nm				5.6mb
MTN	51.17	330	eP	26	15.00	-1.0
HNR	51.85	7	eP	26	20.00	-1.2
		eS		33	50.00	
PMG	51.99	351	eP	26	22.00	-0.2
SVO	52.12	7	eP	26	23.00	-0.2
LAT	54.71	351	eP	26	42.60	0.2
CRZF	55.97	235	eP	27	0	

PEL	79.09	143	eP+	29	16.50	-0.2		Z	20s	4.60um		6.2Msz	TDS	146.51	249	PKP	37	01.30	9.7X	
MDZ	79.86	144	i(P)	29	21.60	0.7	SIT	130.08	42	PKP	36	30.00	8.9X	CLI	146.58	269	ePKP	36	41.00	-10.5X
SNG	79.90	306	eP	29	31.90	10.7X		Z	18s	2.34um		5.9Msz	CVO	146.59	267	ePKPd	36	37.00	-14.6X	
			eS	39	29.60		LRM	130.12	66	ePKP	36	27.20	5.3X	HRV	146.94	103	PKP	37	00.00	7.9X
BLF	80.69	224	eP	29	18.10	-7.4X	TUL	130.12	87	e(PKP)	36	31.20	9.3X		Z	20s	1.40um		5.7Msz	
KIM	81.49	223	iPc	29	35.50	5.8X	ILT	130.30	13	iPKPd	36	21.40	0.2	TBT	147.05	193	iPKP	37	00.00	7.2X
	1.5s		27.78nm			5.1mb		1.4s		23.00nm				RSNY	147.07	98	ePKP	36	54.18	1.9
TLL	81.83	142	eP	29	31.00	-0.6				i	43	32.00			Z	21s	1.48um		5.7Msz	
SLR	83.06	227	eP	29	38.20	0.3				iPPS	50	28.00		FCC	147.09	63	ePKP	37	09.00	17.2X
	1.5s		55.56nm			5.5mb				iSS	56	34.00		MOS	147.65	289	ePKP	36	56.00	3.2X
	Z	20s	3.90um			5.8Msz				ePKP	36	24.00	0.4			e	40	20.00		
QIZ	87.54	318	eP	30	01.60	1.7	TAB	130.96	276	ePKP	36	38.00		OBN	147.74	288	iPKPc+	36	55.00	2.0
	N	22s	4.98um				RSSD	132.63	74	ePKP	36	26.75	0.0			2.0s	320.00nm			
	E	22s	6.08um					Z	20s	2.08um		5.8Msz				iSS	00	04.00		
			PP	33	21.00		IMA	132.64	26	e(PKP)	36	26.20	0.3	DUI	148.97	249	PKPc	37	07.90	12.3X
			sS	40	46.00					e	36	39.70		RDP	149.83	247	PKP	37	14.10	17.3X
NST	87.85	309	eP	30	03.50	2.2	FVM	134.36	90	PKP	36	40.00	10.1X	AOU	150.00	249	PKP	37	07.90	10.9X
LOE	88.84	311	eP	30	07.00	0.9		Z	18s	1.62um		5.8Msz	MNS	150.35	248	PKP	37	08.80	11.3X	
WIN	89.69	219	eP	29	51.50	-19.1X	MTA	134.53	278	ePKP	36	33.00	3.0X	LVV	150.41	270	iPKP	37	04.00	6.7X
	1.3s		51.92nm					N	18s	0.50um					Z	23s	2.10um		5.9MszX	
HON	90.71	44	P	30	20.00	5.3X		E	18s	0.50um					N	20s	1.00um			
	Z	20s	2.36um			5.6Msz				e	39	04.00			E	20s	1.10um			
CNCB	95.23	140	P	30	37.40	0.8	SLM	134.97	89	PKP	36	40.00	9.0X				e	37	10.00	
LPB	95.45	139	eP	30	41.00	3.6X		Z	18s	0.81um		5.5Msz		UZH	150.45	267	ePKP	37	02.00	4.6X
	Z	24s	4.65um			5.9MszX	CEH	138.14	102	PKP	36	50.00	12.9X		Z	18s	1.50um		5.8Msz	
			LR	02	22.00			Z	19s	0.93um		5.5Msz			N	18s	1.00um			
GYA	95.50	318	P	30	37.80	1.0	JFWS	138.26	85	ePKP	36	31.68	-5.4X		E	18s	1.00um			
	Z	24s																		

0.8s 2.55nm -					S 45 20.14					PMR 85.16 12 eP 31 25.68 0.4				
LPL	155.46	245	ePKP	37 14.80 9.9X	S.D. = 0.4 on 4 of 4 obs.					0.6s 8.64nm				5.1mb
	1.0s		5.40nm		% SEP 24, 1992 19h 59m 31.22± 0.92s					85.22 9 (P)	31	26.02	0.3	
EGRA	155.60	230	ePKP	37 18.00 13.1X	43.116 N ± 7.6km 18.333 E ± 8.8km					1.4s 16.43nm				5.0mb
GRF	156.48	257	ePKP	37 18.40 12.5X	DEPTH = 10.0km (geophysicist)					MGD	85.40	344	eP	31 24.00 -2.5
	Z 20s		0.90um	5.6Msz	NORTHWESTERN BALKAN REGION (383)									41 56.00
			e	37 30.00	ML 2.4 (TTG).					ALO	86.18	50	eP	31 33.90 2.6X
			e	37 47.00	BRY 0.27 144 iPgc 59 37.10 0.2					BALM	86.20	16	eP	31 30.79 0.1
CLL	156.71	262	ePKP	37 16.00 9.9X	NKY 0.57 122 iPgd 59 42.75 -0.2					NEW	86.68	35	eP	31 34.00 0.8
	1.7s		38.00nm		HCY 0.68 170 iPgd 59 43.50 -1.2					FBA	88.42	12	eP	31 40.50 -0.7
Z	20s		2.00um	5.9Msz	PLE 0.80 74 iPgc 59 46.01 -0.9					IMA	88.53	9 (P)		31 43.88 2.1
			i	37 40.50	TTG 0.97 135 iPgd 59 49.90 0.3					ILT	88.79	359	iPc	31 42.00 -0.8
MOX	156.93	260	ePKP	37 08.00 1.6	PVY 1.31 113 iPnd 59 56.45 0.9						2.0s		41.00nm	5.4mb
Z	20s		1.10um	5.7Msz	ULC 1.34 149 iPnd 59 56.45 0.6					Z	20s		0.60um	5.0Msz
N	21s		1.60um		VBY 3.25 318 ePn 00 23.60 0.3					N	20s		0.50um	
BSF	157.20	249	ePKP	37 20.80 13.8X	S.D. = 0.8 on 8 of 8 obs.					E	20s		0.60um	
AVF	157.92	242	ePKP	37 21.60 13.9X	% SEP 24, 1992 20h 18m 51.61± 0.57s									42 12.00
	1.5s		16.20nm		21.127 S ± 16.3km 175.768 W ± 10.6km									iS 42 30.00
LPF	160.74	238	ePKP	37 29.20 18.5X	DEPTH = 33.0km (normal)					ASH	130.69	302	ePKP	38 03.50 2.3X
LDF	160.80	240	ePKP	37 29.60 18.8X	5.0mb (9 obs.) 5.5Msz (15 obs.)					KAT	132.21	304	ePKP	38 09.00 5.0X
			S.D. = 1.2 on 89 of 188 obs.		TONGA ISLANDS (173)									e 40 26.00
% SEP 24, 1992 18h 19m 28.62± 0.64s					Mo=1.0*10**18 Nm (PPT).					OBN	138.28	332	ePKP	38 16.00 1.0
43.114 N ± 5.0km 19.402 E ± 5.0km					CENTROID, MOMENT TENSOR (HRV)									e 53 20.00
DEPTH = 10.0km (geophysicist)					Data Used: GDSN					GRO	139.07	313	iPKP-	38 18.00 1.2
NORTHWESTERN BALKAN REGION (383)					L.P.8.: 24S, 38C					E	20s		1.50um	
ML 2.0 (TTG).					Centroid Location:					NB2	139.82	355	PKP	38 18.50 0.9
PLE	0.22	359	iPgc	19 33.49 0.1	Origin Time 20:18:54.4 0.6									0.6s 0.60nm
			iSg	19 36.29	Lot 21.15S 0.07 Lon 175.43W 0.05					TAB	140.07	304	ePKP	38 14.00 -5.0X
NKY	0.42	225	iPgc	19 37.54 0.3	Dep 16.4 2.4 Half-duration 1.5					MTA	140.23	310	ePKP	38 10.00 -8.9X
			iSg	19 44.02	Moment Tensor: Scale 10**17 Nm									e 38 22.00
IVA	0.44	123	iPgc	19 37.62 0.1	Mrr=2.85 0.10 Mtt=-0.57 0.12									e 38 38.00
			iSg	19 44.47	Mff=-2.28 0.15 Mrt=-0.15 0.31					PYA	140.61	315	ePKP	38 18.00 -1.6
BRY	0.66	252	iPgd	19 41.54 -0.4	Mrf=0.08 0.35 Mtf=0.16 0.10					SOC	143.00	316	ePKP	38 20.00 -3.7X
			iSg	19 51.23	Principal Axes:					ANN	143.92	319	ePKP	38 22.00 -3.2X
PVY	0.67	141	iPgc	19 41.70 -0.3	T Val= 2.86 Plg=87 Azm=197					Z	22s		0.70um	5.4Msz
			iSg	19 52.14	N -0.56 2 355					EKA	145.40	7	PKP	38 27.00 -0.4
TTG	0.69	189	iPgd	19 41.97 -0.3	P -2.30 1 85									1.1s 15.40nm
			iSg	19 52.52	Best Double Couple: Mo=2.6*10**17					SIM	145.80	321	ePKP	38 28.00 -0.5
BDV	0.93	207	iPgc	19 46.40 0.0	NP1: Strike=177 Dip=44 Slip= 93									e 41 50.00
			iSg	20 00.65	NP2: 352 46 87					WAR	146.32	341	PKP+	38 27.00 -2.1
HCY	0.94	225	iPgc	19 46.63 0.1	SVA 6.21 298 eP 20 24.20 0.8					KIS	147.35	328	iPKPd-	38 34.00 3.1X
			iSg	20 00.65	DZM 16.57 264 iPc 22 45.00 1.8									4.0s 1000.00nm
ULC	1.16	186	iPgd	19 50.74 0.5	BRS 29.30 251 e(P) 24 58.00 4.6X					Z	20s		1.10um	5.6Msz
			iSg	20 08.13	e(PP) 25 45.00					N	20s		0.80um	
			S.D. = 0.3 on 9 of 9 obs.		eS 28 34.00					LVV	147.35	336	iPKP	38 28.00 -2.8X
% SEP 24, 1992 18h 52m 24.67± 0.91s					CTA 35.51 265 iPc+ 25 47.00 -0.6					BRNL	147.97	349	ePKPd	38 36.70 5.0X
38.838 N ± 8.4km 28.590 E ± 8.3km					1.8s 34.09nm 5.0mb					BRN	148.00	350	ePKPd	38 38.00 6.3X
DEPTH = 23.7 ± 10.7 km					e(PP) 27 12.00					OJC	148.47	341	ePKP	38 35.00 2.4X
TURKEY (366)					eS 31 06.00					KSP	148.86	345	ePKP	38 35.80 2.6X
KHL	0.89	125	ePg	52 41.40 -0.1	HKL 45.75 26 (P) 27 15.92 3.7X									i 38 38.20
			eSg	52 52.40	ASPA 46.41 257 iPd 27 15.20 -2.0					UZH	148.97	336	iPKP	38 36.50 3.1X
IZM	1.13	247	ePn	52 45.10 0.0	0.9s 14.60nm 4.9mb									1.2s 120.00nm
ALT	1.21	79	iPn	52 46.30 0.1	Z 20s 4.90um 5.5Msz									e 38 40.80
KCT	1.42	353	iPn	52 49.20 0.1	WB2 46.57 262 iPc 27 17.60 -0.8					DBN	149.07	359	ePKP	38 40.00 6.6X
BNT	1.60	341	iPn	52 51.20 -0.6	1.2s 4.60nm 4.3mb					CLL	149.10	349	iPKP	38 36.80 3.3X
EDC	1.61	340	ePn	52 52.30 0.5	SPA 69.00 180 ePc 29 57.50 1.7									0.8s 18.00nm
			S.D. = 0.5 on 6 of 6 obs.		1.1s 29.76nm 5.3mb					WTS	149.12	357	ePKP	38 37.00 3.5X
% SEP 24, 1992 19h 38m 36.89± 2.10s					KUR 73.88 334 (P) 30 26.00 1.1									1.0s 27.00nm
38.817 N ± 19.0km 28.623 E ± 19.4km					Z 20s 2.50um 5.5Msz					VRI	149.21	329	ePKPc	38 24.00 -9.9X
DEPTH = 10.0km (geophysicist)					PET 77.10 344 eP 30 44.00 0.9					SPC	149.22	339	ePKP	38 39.30 5.2X
TURKEY (366)					Z 20s 1.10um 5.2Msz					BRG	149.35	348	iPKP	38 37.80 3.9X
KHL	0.86	125	ePg	38 53.40 -0.1	YSS 77.47 332 eP 30 44.00 -1.2									Z 18s 1.00um 5.7Msz
			eSg	39 05.40	Z 18s 0.70um 5.0Msz					N	18s		1.50um	
ALT	1.18	78	ePn	38 59.30 0.2	PLM 78.03 47 eP 30 48.00 -0.9					E	18s		0.50um	
KCT	1.44	352	iPn	39 02.10 -1.0	PEC 78.13 47 (P) 30 50.71 1.4									149.49 301 PKP 38 34.00 -0.8
BNT	1.63	341	ePn	39 06.60 0.9	CM8 78.52 42 eP 30 52.12 0.8					HRI	149.60	300	ePKP	38 40.10 5.1X
			S.D. = 1.4 on 4 of 4 obs.		0.9s 7.39nm 4.7mb					MLR	149.86	329	ePKPd	38 19.00 -16.1X
% SEP 24, 1992 19h 45m 01.73± 1.80s					ORV 78.80 40 eP 30 56.00 3.2X					MOX	149.97	351	ePKP	38 39.00 4.1X
44.358 N ± 14.9km 7.448 E ± 15.2km					TUC 81.74 51 eP 31 11.33 2.7X									Z 21s 0.50um 5.3Msz
DEPTH = 10.0km (geophysicist)					MSU 84.06 45 (P) 31 18.17 -2.5					PRU	150.06	347	ePKP	38 40.00 5.0X
NORTHERN ITALY (545)					CPKM 84.26 11 eP 31 22.08 0.9					Z	20s		0.50um	5.3Msz
ML 1.7 (GEN).					PLM 78.03 47 eP 30 48.00 -0.9									e 40 46.00
ENR	0.13	188	P	45 05.27 0.3	PEC 78.13 47 (P) 30 50.71 1.4					DSI	150.31	297	ePKP	38 41.50 5.5X
			S	45 07.22	CM8 78.52 42 eP 30 52.12 0.8					UCC	150.39	360	PKP+	38 41.00 5.5X
STV	0.14	218	P	45 04.97 -0.2	0.9s 7.39nm 4.7mb									e 42 19.00
			S	45 06.81	ORV 78.80 40 eP 30 56.00 3.2X					ENN	150.39	358	ePKP	38 42.00 6.5X
PZZ	0.29	301	P	45 07.84 0.0	TUC 81.74 51 eP 31 11.33 2.7X									0.8s 8.00nm
			S	45 12.25	MSU 84.06 45 (P) 31 18.17 -2.5					GRF	150.96	351	ePKP	38 39.00 2.6X
IMI	0.55	144	P	45 12.76 -0.1	CPKM 84.26 11 eP 31 22.08 0.9					Z	22s		0.60um	5.4Msz
														e 38 45.40
														e 38 54.00
										SRO	151.05	340	ePKP	38 41.90 5.3X
										ZST	151.08	342	ePKP	38 42.40 5.8X

24d 20h

KHC 151.08 347 ePKP 38 40.50 -3.8X
 1.0s 6.80nm
 Z 20s 1.10um 5.7MsZ
 N 20s 0.50um
 E 20s 0.50um

DOU 151.09 360 PKP 38 42.00 5.4X
 RMN 151.17 295 ePKP 38 42.70 5.2X
 GEC2 151.32 347 ePKP 38 42.40 5.3X
 0.9s 5.56nm
 e 38 46.00

WLF 151.48 357 PKP 38 44.00 6.9X
 FLN 152.17 7 ePKP 38 44.00 5.8X
 1.1s 21.00nm
 Z 22s 1.00um 5.6MsZ

LDF 152.37 6 ePKP 38 43.60 5.1X
 GRR 152.50 7 ePKP 38 45.50 6.8X
 0.6s 6.50nm

CDF 152.67 356 ePKP 38 45.60 6.5X
 0.9s 5.90nm
 LPF 152.82 8 ePKP 38 45.70 6.6X
 1.2s 30.65nm

HAU 153.13 357 ePKP 38 46.90 7.3X
 1.0s 9.00nm
 Z 23s 0.93um 5.5MsZ

BSF 153.28 356 ePKP 38 46.60 6.6X
 1.1s 8.05nm
 LOR 153.92 1 ePKP 38 48.80 8.0X
 0.7s 3.95nm

Z 22s 1.02um 5.6MsZ
 LBF 154.21 0 ePKP 38 49.60 8.4X
 1.2s 8.05nm

TRI 154.26 345 ePKP 38 41.00 -0.2
 eLR 31 40.00
 SKO 154.66 329 ePKP 38 43.00 1.1
 Z 19s 1.10um - 5.7MsZ

FIR 156.67 347 ePKP 38 49.00 4.5X
 SBF 157.17 354 ePKP 38 55.60 10.3X
 0.9s 5.55nm
 S.D. = 1.3 on 32 of 82 obs.

& SEP 24, 1992 20h 37m 56.12s
 60.178 N 141.266 W
 DEPTH = 0.1km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2 7 (AEIC).

YAH 0.30 308 iP 38 02.66 0.5
 iS 38 07.79

WRG 0.41 250 eP 38 04.69 0.4
 S 38 11.68

CYK 0.62 262 eP 38 08.84 0.4
 eS 38 18.71

SNH 0.79 271 iP 38 11.30 -0.5
 eS 38 23.08

CTGM 0.79 358 iP 38 11.75 -0.1
 eS 38 24.58

WAX 0.84 290 iP 38 12.11 -0.7
 TGL 0.97 307 eP 38 13.96 -1.5

BALM 1.01 329 eP 38 15.03 -1.3
 eS 38 28.89

HMT 1.50 277 eP 38 22.86 -1.5
 eS 38 43.99

KAIM 1.60 262 eP 38 24.04 -1.7
 S 38 45.14

RAGM 1.71 279 eP 38 25.90 -1.5
 GLB 1.78 317 eP 38 27.09 -1.3

SGAM 1.99 281 eP 38 29.72 -1.6
 KLU 2.63 302 eP 38 39.40 -1.3

FID 2.65 285 eP 38 40.09 -0.7
 VLZ 2.67 293 eP 38 39.36 -1.8

VZW 2.75 291 eP 38 41.38 -1.0
 GLI 2.97 286 eP 38 43.46 -1.9

MTU 3.21 269 eP 38 46.18 -2.5
 19 obs. associated

? SEP 24, 1992 21h 28m 59.58 ± 0.68s
 15.166 N ± 12.2km 61.024 W ± 58.5km
 DEPTH = 140.0km (geophysicist)
 LEEWARD ISLANDS (92)

CRM 0.42 166 iPd 29 19.74 0.1
 S 29 36.10
 FDF 0.45 196 iPd 29 19.84 0.0
 S 29 36.20

MVM 0.62 168 iPd 29 20.72 0.0
 BIM 0.65 184 iPd 29 20.82 -0.1
 S 29 38.20

MGG 0.80 339 eP 29 22.00 0.0
 S 29 38.00

DEG 1.14 358 eP 29 25.00 0.0
 S 29 44.00
 S.D. = 0.1 on 6 of 6 obs.

& SEP 24, 1992 21h 30m 07.35s
 59.826 N 153.524 W
 DEPTH = 124.5km
 SOUTHERN ALASKA (2)
 <AEIC>.

OPT 0.23 139 iP 30 24.02 0.7
 INW 0.31 39 eP 30 24.00 0.3
 INE 0.33 44 eP 30 24.48 0.7

PDB 0.34 264 iP 30 24.36 0.7
 AUL 0.45 174 eP 30 25.00 -0.7

AUW 0.46 177 eP 30 25.03 -0.8
 AUH 0.47 175 eP 30 25.17 -0.8
 AUP 0.47 173 eP 30 25.18 -0.8

AUE 0.47 171 iP 30 24.93 -0.9
 AUI 0.49 174 eP 30 25.35 -0.7
 RED 0.70 32 eP 30 26.74 -0.8

RS1 0.74 31 eP 30 27.46 -0.5
 eS 30 42.30

RS2 0.75 31 eP 30 27.49 -0.6
 eS 30 42.44

RSO 0.75 31 eP 30 27.15 -0.9
 eS 30 42.55

RDW 0.75 28 eP 30 27.25 -0.8
 eS 30 42.40

MCNL 0.76 213 iP 30 26.97 -1.0
 REF 0.78 31 eP 30 27.62 -0.7
 eS 30 42.98

NCT 0.80 22 eP 30 27.69 -0.6
 eS 30 43.07

DFR 0.88 28 eP 30 28.33 -0.7
 eS 30 44.68

CDD 0.90 184 eP 30 28.05 -1.1
 RDT 0.94 36 iP 30 28.72 -0.8
 S 30 44.46

SYI 1.35 154 eP 30 32.22 -1.5
 BKG 1.40 26 iP 30 33.87 -0.5
 S 30 54.47

CKL 1.50 23 iP 30 35.19 -0.3
 SPU 1.54 27 eP 30 35.36 -0.6

BGL 1.55 21 eP 30 35.96 -0.1
 CGLM 1.66 26 iP 30 37.01 -0.5

NCG 1.72 22 eP 30 38.02 -0.1
 SLKM 1.79 66 eP 30 37.78 -1.1

SUA 2.14 39 eP 30 43.06 -0.3
 MPA 2.19 70 eP 30 42.53 -1.3
 eS 31 08.54

SKT 2.37 23 eP 30 45.85 -0.4
 PMS 2.42 52 eP 30 45.57 -1.3

PTE 2.47 63 eP 30 45.81 -1.6
 KNIM 2.95 77 eP 30 51.07 -2.7

KNK 2.96 55 eP 30 51.46 -2.5
 MTU 2.96 84 eP 30 52.62 -1.3

FID 3.63 72 eP 31 00.55 -2.3
 VLZ 3.79 67 eP 31 03.36 -1.6

KLU 4.10 63 eP 31 06.51 -2.7
 40 obs. associated

SEP 24, 1992 21h 33m 26.60 ± 0.65s
 33.102 S ± 5.0km 70.146 W ± 5.0km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.9 (SAN).

FCH 0.26 208 iP+ 33 32.43 0.3
 iS 33 35.21

PEL 0.45 265 iPd 33 35.47 -0.4
 iS 33 40.97

JACH 0.56 318 iP 33 38.97 0.9
 iS 33 46.52

PCH 0.60 211 iP+ 33 38.75 -0.1
 iS 33 45.93

ROCH 0.74 280 iP 33 40.94 -0.3
 iS 33 50.25

TACH 0.86 230 iP 33 42.96 -0.2

- eS 33 53.86
 CHCH 0.93 207 iPd 33 44.52 0.1
 iS 33 56.37

CACH 1.08 200 iP 33 47.71 0.7
 iS 34 01.91

MDZ 1.11 79 e(P) 33 47.10 -0.4
 LCCH 1.25 252 iPd 33 49.57 -0.2
 iS 34 04.03

LNV 1.36 231 iP 33 51.12 -0.4
 iS 34 07.62
 S.D. = 0.5 on 11 of 11 obs.

& SEP 24, 1992 21h 44m 26.80s
 34.338 N 116.674 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.2 (PAS), 3.1 (GS).
 Felt.

PEC 0.60 222 iPc 44 38.25 -0.5
 eS 44 45.17

SSK 0.85 262 iPc 44 42.97 -0.9
 PLM 0.99 189 ePd 44 45.52 -1.2
 eS 44 58.27

ISA 1.98 312 (Pn) 45 00.01 -2.0
 ePg 45 03.32

GLA 2.00 129 ePn 44 59.88 -2.4
 ePg 45 03.99

ABL 2.16 284 (Pn) 45 01.94 -2.8
 TPNV 2.63 7 (Pn) 45 11.07 -0.3

BCH 2.93 288 eP 45 14.26 -1.4
 PHAM 3.40 297 (P) 45 18.52 -3.7

TNP 3.76 353 ePn 45 24.96 -2.6
 MSU 5.52 40 (Pn) 45 49.06 -3.5
 11 obs. associated

SEP 24, 1992 21h 48m 42.73 ± 1.36s
 9.826 N ± 10.4km 92.794 E ± 7.7km
 DEPTH = 72.9 ± 16.6 km
 4.3mb (2 obs.)
 NICOBAR ISLANDS, INDIA (704)

NNT 7.34 67 iPd 50 29.70 0.2
 IPM 9.69 122 ePd 51 02.00 0.3

KOD 15.10 273 eP 52 14.00 0.3
 eS 54 44.00

GBA 15.50 285 P 52 18.00 -0.4
 S 54 50.00

SHL 15.68 357 eP 52 16.20 -4.7X
 HYB 15.76 300 eP 52 21.40 -0.4
 e 52 41.00

eS 55 01.00

PKI 18.98 339 P 53 00.68 -0.9
 DMN 19.12 339 P 53 02.44 -0.6

GUN 19.13 341 P 53 03.32 0.0
 KKN 19.22 339 P 53 04.24 0.1

GKN 19.64 338 P 53 08.28 -0.3
 NDI 23.78 324 eP 53 52.00 2.3
 eS 58 18.00

WB2 50.49 126 iPd 57 34.10 -1.5
 0.2s 24.20nm 5.9mb X

RMO 65.22 125 eP 59 19.80 0.9
 0.6s 8.00nm 4.8mb

GEC2 75.49 318 eP 00 21.10 0.1
 0.6s 0.62nm 3.7mb

e 00 27.70
 e 00 34.00
 e 00 40.90
 e 00 44.30

NB2 77.39 330 P 00 50.50 19.3X
 0.9s 2.80nm
 S.D. = 1.0 on 14 of 16 obs.

& SEP 24, 1992 21h 56m 43.43s
 37.578 N 118.874 W
 DEPTH = 6.5km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <GM-P>. MD 3.2 (GM).

BONR 0.59 50 ePc 56 54.85 -0.4
 CMB 1.28 291 eP 57 06.94 -0.6

eS 57 22.90
 TNP 1.40 69 ePc 57 09.77 0.1
 KVN 1.59 22 eP 57 12.42 0.1

ISA 1.94 170 eP 57 18.80 1.6
 eLg 57 43.56

PHAM 2.13 216 (P) 57 20.09 0.2

TPNV 2.19 186 eP 57 19.99 -0.9
 BCH 2.58 203 eP 57 27.26 0.8
 ABL 2.74 186 (P) 57 30.17 1.3
 ORV 2.85 315 (Pn) 57 31.18 0.9
 10 obs. associated

SEP 24, 1992 23h 07m 31.90 ± 0.42s
 11.045 N ± 7.8km 86.466 W ± 9.1km
 DEPTH = 23.2km (5 depth phases)
 4.7mb (14 obs.) 4.2Msz (15 obs.)
 NEAR COAST OF NICARAGUA (74)

TPX 6.83 305 (P) 09 12.50 -0.7
 IISM 13.16 308 (P) 10 40.00 -0.1
 IIT 13.91 306 (P) 10 51.50 1.2
 MRX 16.59 303 (P) 11 28.00 3.2X
 PWLA 23.87 357 eP 12 44.15 -0.4
 LHS 23.89 12 eP 12 45.86 1.1
 UYO 24.15 344 iPc 12 46.60 -0.6
 MIAR 24.28 346 eP 12 47.70 -0.8
 0.6s 8.22nm 4.5mb
 Z 20s 0.43um 3.9Msz
 i 12 54.87 25km
 GBTN 24.60 4 eP 12 52.58 1.0
 VVO 25.61 342 e(P) 13 03.50 2.3
 FNO 26.07 339 iPd 13 07.70 2.1
 TUL 26.16 343 e(P) 13 04.70 -1.6
 0.8s 64.50nm 5.3mb
 Z 20s 0.38um 3.9Msz
 i 13 11.20 23km
 LR 25 09.00
 SIO 26.16 342 e(P) 13 08.30 1.9
 NAV 26.65 10 eP 13 10.22 -0.7
 FVM 27.06 353 (P) 13 17.78 3.2X
 0.9s 10.50nm 4.5mb
 ALO 29.95 326 eP 13 40.65 -0.3
 0.8s 9.15nm 4.7mb
 Z 18s 0.31um 4.0Msz
 TUC 30.82 317 eP 13 47.45 -1.0
 1.0s 6.87nm 4.4mb
 Z 18s 0.77um 4.4Msz
 JFWS 31.92 355 eP 13 55.79 -2.1
 0.8s 59.51nm 5.6mb
 Z 19s 0.32um 4.0Msz
 ZOBO 32.66 146 P 14 05.20 -0.1
 1.2s 11.15nm 4.7mb
 Z 20s 0.53um 4.2Msz
 LR 27 12.00

LPB 32.88 146 P 14 08.00 1.0
 GOL 33.11 333 P 14 20.00 11.4X
 Z 19s 0.34um 4.1Msz
 CNCB 33.17 146 P 14 10.20 0.5
 HRV 33.94 20 P 14 30.00 14.5X
 Z 19s 0.76um 4.4Msz
 GLA 34.02 315 eP 14 16.28 -0.1
 CCH 34.66 144 eP 14 22.00 -0.3
 RSNY 34.93 15 eP 14 23.13 -0.9
 0.9s 18.82nm 5.0mb
 Z 19s 0.40um 4.2Msz
 SRU 35.21 327 eP 14 25.62 -1.1
 PLM 35.62 313 eP 14 29.73 -0.5
 MSU 35.71 324 eP 14 31.99 1.0
 EEO 36.03 9 eP 14 35.00 1.7
 PEC 36.11 314 eP 14 34.44 0.2
 1.0s 9.60nm 4.7mb
 RSSD 36.28 338 eP 14 34.73 -1.0
 0.8s 7.78nm 4.7mb
 Z 21s 0.17um 3.8Msz
 DUG 37.23 326 eP 14 42.96 -0.7
 1.1s 7.74nm 4.4mb
 ISA 37.97 315 P 15 00.00 10.2X
 Z 19s 0.40um 4.2Msz
 LMN 39.30 24 eP 15 01.50 0.7
 ULM 39.85 351 eP 15 09.50 4.2X
 CMB 40.53 317 P 15 20.00 8.9X
 Z 22s 0.34um 4.2Msz

ORV 42.08 319 eP 15 25.12 1.4
 WDC 43.31 319 P 15 40.00 6.3X
 Z 20s 0.50um 4.4Msz
 JAO 43.50 9 eP 15 33.00 -2.1
 SES 44.14 338 eP 15 40.00 -0.4
 BAO 46.41 124 Pc 15 58.70 -0.3
 e 16 00.10 5kmX
 e 16 05.00
 BDF 46.50 124 e(P) 16 00.00 0.3
 e 16 07.00 23km
 PPD 47.64 134 eP 16 07.40 -1.1

MCW 48.20 328 (P) 16 11.54 -1.1
 e 16 18.37 23km
 YKA 55.21 345 eP 17 06.10 1.0
 0.9s 7.60nm 4.7mb
 PMR 67.50 333 P 18 40.00 12.0X
 Z 20s 0.50um 4.7Msz
 MBC 67.54 352 eP 18 32.00 4.0X
 FBA 68.09 336 (P) 18 31.57 -0.1
 0.8s 4.00nm 4.6mb
 TTA 70.96 333 eP 18 50.50 1.1
 0.9s 5.77nm 4.7mb
 KIC 80.71 85 P 19 40.60 -4.8X
 ADK 81.54 321 eP 19 48.68 -0.3
 0.9s 78.13nm 5.7mb X
 GRF 86.59 40 eP 20 31.40 16.7X
 Z 20s 0.20um 4.5Msz
 e 30 55.00
 GBA 150.76 34 PKP 27 24.00 5.0X
 S.D. = 1.1 on 41 of 54 obs.

SEP 25, 1992 00h 39m 21.80 ± 0.57s
 6.184 S ± 6.8km 26.836 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 4.9mb (2 obs.)
 ZAIRE (567)

LWI 4.38 27 iPd 40 31.40 1.3
 iS 41 18.00
 KRI 10.92 166 iPn 42 01.00 -0.4
 iSn 43 57.20
 iSg 45 04.90
 NAI 11.08 64 eP 42 02.50 -1.1
 BCAO 13.41 322 ePc 42 32.00 -2.8X
 0.2s 8.00nm 5.4mb X
 iS 44 52.00
 Lg 46 27.90
 BUL 13.98 173 iPn 42 42.50 0.0
 iSn 45 10.00
 iLg 46 39.60
 WIN 18.80 209 eP 43 46.50 2.6X
 1.0s 55.00nm 4.7mb
 S 47 04.00
 SLR 19.49 176 eP 43 45.10 -7.2X
 S 47 16.00
 SEK 22.03 178 eP 44 18.00 -0.5
 (S) 48 08.00
 KIM 22.53 185 iPc 44 25.00 1.6
 BLF 22.81 181 iPc 44 26.40 0.2
 S 48 05.50
 KIC 33.89 291 P 46 07.12 -0.1
 LIC 34.11 291 P 46 08.90 -0.2
 TIC 34.25 291 P 46 09.56 -0.8
 0.7s 14.50nm 5.0mb
 GEC2 55.99 350 eP 49 05.70 2.8X
 1.0s 1.12nm 3.9mb X
 S.D. = 0.9 on 10 of 14 obs.

SEP 25, 1992 01h 09m 33.16 ± 0.95s
 13.602 N ± 10.9km 120.800 E ± 24.5km
 DEPTH = 125.5 ± 9.5 km
 4.3mb (4 obs.)

MINDORO, PHILIPPINE ISLANDS (250)
 PGP 0.18 124 ePc 09 51.00 -0.6
 TGY 0.51 15 iPd 09 52.00 0.0
 iS 10 08.00
 QVP 1.03 11 iPc 09 51.00 -5.2X
 iS 10 13.50
 BCP 2.81 356 eP 10 16.40 -1.3
 eS 10 25.00
 CVP 4.20 13 eP 10 38.20 1.9
 PPR 4.31 208 iPd 10 38.50 0.7
 iS 11 27.50
 LZH 27.08 329 eP 15 06.50 0.5
 1.4s 18.00nm 4.5mb
 GUN 35.48 299 P 16 20.20 0.3
 PKI 35.78 298 P 16 22.20 -0.3
 KKN 35.95 299 P 16 23.90 0.1
 DMN 36.05 298 P 16 24.60 -0.1
 GKN 36.56 299 P 16 28.80 0.0
 MAIO 59.01 304 iPc 19 22.70 0.4
 KAF 80.19 332 iP 21 30.50 -0.1
 0.4s 1.50nm 4.1mb
 NUR 81.28 330 eP 21 28.00 -8.4X
 1.0s 11.20nm 4.6mb
 NB2 87.39 333 P 22 05.70 -1.5

0.6s 0.60nm 3.8mb
 S.D. = 0.9 on 14 of 16 obs.

? SEP 25, 1992 01h 26m 41.57 ± 5.37s
 18.816 N ± 60.1km 62.789 W ± 31.4km
 DEPTH = 10.0km (geophysicist)
 LEEWARD ISLANDS (92)
 ML 3.9 (FDF).

MGH 2.15 165 eP 27 18.30 0.2
 S 27 41.80
 PAG 2.97 159 eP 27 30.00 0.4
 S 28 02.50
 DEG 2.99 146 eP 27 29.34 -0.5
 CPD 3.07 256 eP 27 30.50 -0.5
 MGG 3.21 154 eP 27 32.95 0.0
 CLLP 3.67 259 eP 27 40.00 0.4
 PORP 3.73 259 eP 27 40.40 -0.1
 LRS 3.88 263 eP 27 44.30 1.7
 MGP 4.16 260 eP 27 45.00 -1.5
 S.D. = 1.0 on 9 of 9 obs.

SEP 25, 1992 02h 03m 38.42 ± 0.88s
 11.331 S ± 10.1km 161.898 E ± 14.4km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.)
 SOLOMON ISLANDS (193)

HNR 2.69 314 eP 04 20.00 -0.3
 iS 04 50.00
 SVO 2.98 316 eP 04 25.00 0.5
 eS 05 03.00
 CTA 17.38 238 iPc 07 41.00 0.8
 1.0s 11.25nm 4.0mb
 RMO 19.52 218 eP 08 07.00 0.9
 1.2s 91.00nm 4.9mb
 STKA 27.73 219 eP 09 24.80 -1.2
 STK 27.73 219 P 09 27.39 1.4
 WRA 27.85 249 P 09 27.00 -0.2
 1.1s 1.60nm 3.6mb
 ASPA 29.32 242 eP 09 39.40 -1.0
 Z 23s 0.30um 3.9MszX
 SVW 79.59 19 eP 15 45.06 1.4
 0.8s 23.18nm 5.2mb
 KLU 83.27 22 eP 16 03.91 1.0
 FBA 84.80 19 eP 16 09.37 -1.1
 0.8s 4.69nm 4.7mb
 BCAO 143.10 262 iPKPc 23 09.70 -2.1
 0.5s 8.00nm
 i 23 17.90
 S.D. = 1.3 on 12 of 12 obs.

SEP 25, 1992 02h 16m 22.06 ± 0.92s
 42.995 N ± 7.4km 18.762 E ± 5.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

BRY 0.19 240 iPgD 16 26.45 0.2
 iSg 16 29.49
 NKY 0.25 136 iPgC 16 27.70 0.2
 iSg 16 32.36
 PLE 0.57 54 iPgC 16 33.55 -0.2
 iSg 16 41.92
 HCY 0.58 200 iPgD 16 33.55 -0.3
 iSg 16 42.49
 TTG 0.67 147 iPgD 16 34.80 -0.6
 iSg 16 46.12
 BDV 0.71 176 iPgC 16 36.39 0.3
 iSg 16 47.07
 IVA 0.84 98 iPgC 16 38.61 0.2
 iSg 16 51.59
 PVY 0.98 114 iPgD 16 40.85 0.1
 iSg 16 55.90
 S.D. = 0.4 on 8 of 8 obs.

SEP 25, 1992 02h 26m 59.30s
 62.889 N 151.275 W
 DEPTH = 112.6km
 CENTRAL ALASKA (1)
 <AEIC>.

KTH 0.69 13 iPc 27 17.90 -0.3
 eS 27 31.81
 TRF 0.72 38 iPc 27 18.12 -0.5
 iS 27 33.36
 HUR 0.75 82 ePc 27 18.40 -0.3

25d 02h

SKT	0.92	188	iPd	27	33.07	-0.3	CDD	4.14	197	eP	28	01.32	-0.2	THE	0.15	121	ePg	22	43.46	-0.1
			eS	27	35.93		HMT	4.22	124	eP	28	00.78	-1.8				eSg	22	45.36	
RND	1.22	64	iPc	27	22.99	-0.4	MID	4.22	143	eP	28	01.88	-0.6	GRG	0.38	310	ePg	22	47.36	-0.5
			eS	27	40.63		SYI	4.33	188	eP	28	02.74	-1.3				eSg	22	53.04	
MCK	1.35	50	iPc	27	24.58	-0.4	KAIM	4.44	129	eP	28	04.39	-1.2	SOH	0.44	76	ePg	22	49.03	0.1
			eS	27	43.91		FYU	4.51	32	eP	28	05.12	-1.4				eSg	22	55.60	
PWA	1.40	152	iPc	27	25.70	0.2	TGL	4.54	114	eP	28	05.54	-1.5	VAY	0.63	345	iPg	22	52.40	-0.2
SUA	1.45	170	ePd	27	25.97	-0.2	BALM	4.61	110	eP	28	05.65	-2.4				iSg	23	01.00	
			eS	27	48.27		WAX	4.70	118	eP	28	07.70	-1.5	LIT	0.65	201	ePg	22	52.52	-0.5
NCG	1.55	196	iPd	27	26.84	-0.5	CTGM	5.08	108	eP	28	12.86	-1.6				eSg	23	01.92	
			eS	27	48.48		YAH	5.20	115	eP	28	13.93	-2.4	SRS	0.73	56	ePg	22	54.25	-0.1
GHO	1.57	135	ePd	27	27.52	0.0	84 obs. associated									eSg	23	03.72		
			eS	27	50.33		-----						OUR	0.98	112	ePg	22	59.15	0.5	
CGLM	1.62	193	iPd	27	27.64	-0.6	% SEP 25, 1992 02h 41m 20.73±1.00s									eSg	23	12.25		
PLRM	1.64	141	ePd	27	27.85	-0.5	46.412 N ±10.2km	2.074 E ± 6.4km						PAIG	1.04	139	ePg	22	59.27	-0.3
			eS	27	51.21		DEPTH = 10.0km (geophysicist)	(538)								eSg	23	14.56		
PMR	1.64	141	eP	27	27.56	-0.8	FRANCE							FNA	1.08	274	ePg	23	01.28	1.0
			eS	27	50.42		ML 1.7 (LDG).									eSg	23	17.44		
CRP	1.68	195	eP	27	28.04	-1.0	TCF	0.16	143	Pg	41	24.50	0.1	S.D. = 0.6 on 9 of 9 obs.						
			eS	27	50.34					Sg	41	26.60		SEP 25, 1992 05h 41m 31.35±0.52s						
CPKM	1.69	196	eP	27	28.98	-0.3	MAF	0.39	119	Pg	41	28.60	-0.2	44.914 N ± 3.3km 6.768 E ± 6.1km						
BGL	1.71	198	ePd	27	29.40	0.0				Sg	41	33.50		DEPTH = 10.0km (geophysicist)						
CKN	1.72	195	ePd	27	29.40	-0.1	LSF	0.41	247	Pg	41	29.10	0.0	FRANCE (538)						
SML	1.75	127	ePd	27	29.19	-0.6				Sg	41	34.40		ML 2.3 (LDG), 2.2 (GEN).						
CKT	1.75	195	ePd	27	29.41	-0.4	BGF	0.55	74	Pg	41	32.00	0.0	RRL	0.01	62	Pd	41	33.47	0.0
SPU	1.75	192	ePd	27	29.20	-0.6				Sg	41	39.90				S	41	35.48		
			eS	27	52.52		AVF	0.96	66	Pg	41	39.00	0.0	BNI	0.15	335	P	41	34.70	-0.3
CKL	1.77	197	ePd	27	29.91	-0.2				Sg	41	51.30				eSg	41	37.70		
			eS	27	53.86		S.D. = 0.1 on 5 of 5 obs.						BHB	0.36	101	P	41	39.36	0.6	
PMS	1.84	153	ePd	27	30.40	-0.5	? SEP 25, 1992 02h 58m 32.34±8.37s									S	41	45.34		
BKG	1.88	195	ePd	27	30.92	-0.6	17.358 N ±61.8km	61.543 W ±13.0km						RSP	0.42	55	P	41	40.92	0.9
NEA	1.96	29	iPc	27	31.24	-1.1	DEPTH = 10.0km (geophysicist)	(92)								S	41	47.91		
KNK	1.99	137	ePd	27	32.00	-0.7	LEEWARD ISLANDS							PZZ	0.47	150	P	41	40.18	-0.8
SCM	2.12	118	ePd	27	33.67	-0.9	ML 3.3 (FDF).									S	41	47.24		
WRH	2.13	40	ePc	27	33.66	-0.9	BPA	0.43	224	eP	58	41.10	0.0	DOI	0.53	140	P	41	41.40	-0.8
MLY	2.16	6	iPc	27	34.11	-0.9				S	58	48.95				eSg	41	48.10		
TTA	2.17	273	eP	27	33.71	-1.4	MGH	0.90	226	ePd	58	49.53	-0.1	LPG	0.58	359	Pg	41	43.20	-0.2
PTE	2.29	151	ePd	27	35.69	-1.0				S	59	02.10				Sg	41	51.90		
CCB	2.34	40	iPc	27	36.29	-1.0	DEG	1.14	156	ePd	58	53.23	-0.4	LPL	0.60	358	Pg	41	43.30	-0.4
RDT	2.39	194	ePd	27	37.57	-0.4				S	59	09.50				Sg	41	52.00		
DFR	2.40	197	eP	27	38.09	-0.1	PAG	1.33	186	eP	58	57.00	0.1	LSD	0.61	27	P	41	43.73	-0.1
SLKM	2.44	168	eP	27	37.81	-0.9				S	59	15.00				S	41	52.94		
HDA	2.46	50	ePc	27	37.72	-1.1	MGG	1.45	171	eP	58	59.03	0.5	STV	0.78	149	P	41	45.78	-0.8
NCT	2.47	199	ePd	27	38.94	-0.1				S	59	19.90				S	41	56.75		
TOA	2.50	106	ePd	27	39.60	0.2	S.D. = 0.5 on 5 of 5 obs.						ENR	0.83	146	P	41	46.20	-1.3	
REF	2.50	196	eP	27	39.45	-0.2	? SEP 25, 1992 04h 17m 52.06±1.03s									S	41	57.47		
			eS	28	10.55		44.316 N ±15.2km	7.654 E ± 6.4km						SBF	1.15	155	Pg	41	54.70	1.7
RDW	2.52	198	eP	27	39.72	-0.2	DEPTH = 10.0km (geophysicist)	(545)								Sg	42	10.30		
RS2	2.54	197	eP	27	39.98	-0.1	NORTHERN ITALY							FRF	1.36	184	Pg	41	56.30	0.0
RSO	2.54	197	eP	27	40.08	0.0	ML 1.6 (GEN).									Sg	42	13.90		
RS1	2.54	197	eP	27	40.31	0.2	ROB	0.16	98	P	17	55.75	0.0	LRG	1.49	192	Pg	41	59.00	0.9
FBA	2.54	36	eP	27	38.35	-1.6				S	17	58.03				Sg	42	17.50		
MPA	2.58	158	ePd	27	39.34	-1.0	ENR	0.19	242	P	17	56.19	-0.1	LMR	1.59	187	Pg	42	00.10	0.5
RED	2.58	197	eP	27	40.44	-0.1				S	17	58.96				Sg	42	20.10		
PAX	2.66	86	ePd	27	41.54	0.0	STV	0.25	253	P	17	57.55	0.2	S.D. = 0.9 on 15 of 15 obs.						
SDG	2.67	95	eP	27	41.32	-0.3	PZZ	0.44	296	P	18	01.01	0.0	SEP 25, 1992 05h 49m 19.84±0.55s						
GLM	2.72	37	iPc	27	41.30	-1.0				S	18	00.66		40.712 N ± 7.5km 29.937 E ± 4.5km						
SVW	2.72	231	eP	27	41.07	-1.3	S.D. = 0.2 on 4 of 4 obs.						DEPTH = 10.0km (geophysicist)							
GLI	2.83	134	ePd	27	42.44	-1.3	% SEP 25, 1992 04h 27m 40.14±1.04s							TURKEY (366)						
			eS	28	16.91		60.458 N ± 6.7km	5.154 E ±12.4km						MG 3.2 (DDA).						
TZL	2.85	105	eP	27	43.70	-0.3	DEPTH = 10.0km (geophysicist)	(535)						EYL	0.22	131	iPg	49	24.00	-0.7
KLU	2.87	117	ePd	27	42.82	-1.7	SOUTHERN NORWAY									ePg	49	27.30	-0.4	
			eS	28	17.33		MD 1.0 (BER).							GBZT	0.38	282	ePg	49	33.00	
VZW	2.89	127	eP	27	42.65	-2.0	ASK	0.03	39	eP	27	41.92	-0.2			iSg	49	33.00		
VLZ	2.92	125	eP	27	43.19	-1.8				eS	27	43.12		GPA	0.51	146	iPg	49	28.20	-2.0
SEW	2.93	162	eP	27	44.06	-1.0	BER	0.12	130	eP	27	43.22	0.2			iP	49	33.90	0.1	
INE	2.97	198	eP	27	46.17	0.4	EGD	0.19	169	eP	27	44.24	-0.1	GYN	0.70	121	eP	49	42.70	
INW	2.97	198	eP	27	46.20	0.4				eS	27	46.53				eS	50	14.90		
KNIM	3.06	145	ePd	27	44.51	-2.4	SUE	0.63	342	eP	27	52.80	0.0	ISK	0.75	298	iPg	49	34.10	-0.5
			S	28	19.85		NRA0	3.16	82	Pn	28	30.81	-0.1	NAL	1.16	116	eP	49	41.90	0.3
FID	3.13	131	eP	27	46.12	-1.7				Pg	28	35.96		BNT	1.58	258	iPn	49	48.60	0.7
			eS	28	23.71		S.D. = 0.2 on 5 of 5 obs.						SGKT	1.62	94	iP	49	49.90	1.2	
HOM	3.25	183	eP	27	49.48	0.1	% SEP 25, 1992 05h 22m 39.98±0.51s									eS	50	14.90		
LTI	3.30	149	ePd	27	47.81	-2.2	40.713 N ± 5.2km	22.792 E ± 4.2km						EDC	1.62	258	ePn	49	47.30	-1.2
DOT	3.35	74	eP	27	49.82	-1.0	DEPTH = 10.0km (geophysicist)	(364)						DVR	1.63	73	eP	49	48.70	-0.1
IMA	3.36	343	eP	27	49.36	-1.7	GREECE									eS	50	10.80		
HIN	3.38	136	eP	27	49.52	-1.7	MD 2.2 (THE), ML 2.1 (SKO).							ALT	1.66	175	iPn	49	50.50	1.3
OPT	3.38	197	eP	27	52.45	1.2				Lg	29	21.03				iSg	50	12.00		
MTU	3.39	148	eP	27	49.31	-2.0	S.D. = 0.2 on 5 of 5 obs.						DMK	1.98	305	iPn	49	53.50	-0.3	
AUL	3.67	198	eP	27	56.85	1.7	SEP 25, 1992 05h 22m 39.98±0.51s							BBTK	2.33	111	eP	50	06.00	7.1X
AUE	3.69	197	eP	27	56.76	1.4	40.713 N ± 5.2km	22.792 E ± 4.2km								iS	50	37.00		
AUW	3.69	198	eP	27	56.64	1.3	DEPTH = 10.0km (geophysicist)							KHL	2.41					

* SEP 25, 1992 06h 20m 22.57±0.82s
0.017 S ±12.9km 126.673 E ±13.6km
DEPTH = 71.9 ± 15.8 km
4.7mb (3 obs.)

SOUTHERN MOLUCCA SEA (269)

TNE 1.05 39 iPd 20 42.00 0.0
iS 20 57.50
MNI 2.34 308 eP 20 59.50 0.0
eS 21 29.00
AAI 3.95 157 e(P)d 21 22.00 -0.1
eS 22 13.00
WB2 21.19 160 iPc 25 00.30 -3.9X
0.7s 33.00nm 4.8mb
OIS 24.02 149 eP 25 32.00 0.1
0.2s 5.00nm 4.6mb
ASPA 24.53 164 eP 25 37.30 0.4
0.9s 31.00nm 4.7mb
eS 29 56.30
STKA 34.69 157 iPc 27 07.10 -0.4
S.D. = 0.4 on 6 of 7 obs.

SEP 25, 1992 07h 59m 59.94±0.17s
41.763 N ± 3.8km 88.387 E ± 3.1km
DEPTH = 10.0km (geophysicist)
5.0mb (50 obs.)

SOUTHERN XINJIANG, CHINA (321)

WMO 2.12 346 ePn 00 40.00 4.9X
PRZ 7.46 279 iP 01 52.00 0.4
0.6s 330.00nm 6.7mb X
eS 03 20.50
AAA 8.58 284 eP 02 07.00 -0.2
GTA 9.01 101 P 02 11.00 -2.1
S 03 52.00
FRU 10.26 281 eP 02 28.00 -2.3
e 04 25.00
MOY 13.14 37 P 03 02.20 -6.8X
LZH 13.30 110 eP 03 09.50 -1.9
ZAK 13.44 45 eP 03 13.60 0.5
1.1s 40.00nm 5.3mb
eS 05 35.00
KKN 14.17 191 P 03 22.00 -1.0
IRK 15.08 40 eP 03 39.90 5.4X
1.1s 54.00nm 4.9mb
e 07 11.20
e 07 42.50
eSg 07 52.10
LR 08 58.00
BTO 16.33 87 eP 03 49.00 -1.9
SHL 16.41 169 eP 03 50.50 -1.6
CD2 16.43 126 eP 03 52.80 0.7
HHC 17.43 85 P 04 06.60 1.8
1.2s 85.00nm 4.8mb
XAN 17.92 109 P 04 10.00 -0.8
0.5s 43.00nm 4.8mb
TIY 18.91 94 Pc 04 21.00 -2.0
CIT 19.95 51 eP 04 34.50 -0.3
KMI 20.42 140 Pd 04 39.00 -1.1
1.0s 70.00nm 5.0mb
BJI 21.04 85 eP 04 46.50 0.3
0.8s 77.00nm 5.1mb
GYA 21.43 130 iPc 04 50.40 0.1
1.0s 69.00nm 5.0mb
BOD 22.94 37 iPc 05 04.50 -0.5
0.9s 24.00nm 4.7mb
MAIO 23.04 266 iPd 05 07.80 1.5
0.9s 12.36nm 4.4mb
ASH 23.31 271 eP 05 10.00 1.2
SVE 23.32 320 ePc 05 09.50 0.8
1.0s 100.00nm 5.3mb
e 05 43.90
WHN 23.68 110 Pc 05 13.50 1.2
0.5s 40.00nm 5.2mb
ARU 24.14 318 iPd 05 18.30 1.6
0.6s 80.00nm 5.5mb
CHG 24.58 155 ePc 05 22.40 1.1
1.0s 24.50nm 4.8mb
HYB 25.69 202 eP 05 31.50 -0.3
BDT 26.08 156 eP 05 19.80 -15.6X
SNY 26.13 78 eP 05 36.00 0.3
0.8s 17.00nm 4.8mb
sP 05 46.00
LOE 26.84 151 eP 05 43.00 0.6
NRI 27.70 360 iPc 05 48.80 -1.0
1.0s 10.00nm 4.5mb

NST 27.91 155 eP 06 55.00
GBA 29.63 202 P 06 06.20 -1.4
SNG 36.11 159 eP 07 05.00 1.0
KAF 41.38 321 iP 07 47.60 0.2
0.4s 4.10nm 4.5mb
NUR 42.23 319 eP 07 54.50 0.2
0.4s 8.20nm 4.8mb
UPP 45.79 318 iP 08 22.90 -0.2
OJC 46.85 305 eP 08 32.00 0.4
HFS 47.68 319 iPc 08 37.60 -0.4
0.3s 10.70nm 5.4mb
NB2 48.66 321 P 08 45.00 -0.7
0.5s 9.30nm 5.1mb
GEC2 51.05 305 ePc 09 04.30 0.1
1.0s 2.09nm 4.0mb
DAG 53.50 344 iP 09 21.00 -0.3
0.4s 11.02nm 5.2mb
PGF 56.71 300 eP 09 45.80 -0.2
0.4s 2.85nm 4.7mb
LPG 56.75 304 iPc 09 46.70 0.1
0.5s 23.30nm 5.5mb
LPL 56.76 304 eP 09 46.70 0.2
SBF 57.09 302 eP 09 48.30 -0.4
0.5s 11.75nm 5.2mb
LOR 57.69 307 eP 09 51.50 -1.3
0.4s 2.50nm 4.6mb
FRF 57.74 302 eP 09 52.80 -0.4
LBF 57.76 306 eP 09 52.30 -1.0
0.3s 0.95nm 4.3mb
EKA 57.79 318 P 09 53.00 -0.3
0.5s 3.40nm 4.6mb
LMR 57.94 302 eP 09 53.30 -1.2
LRG 57.97 302 eP 09 54.20 -0.5
0.4s 3.00nm 4.7mb
SMF 58.00 306 eP 09 54.20 -0.7
0.5s 6.85nm 4.9mb
SSF 58.00 307 eP 09 53.80 -1.1
AVF 58.22 306 eP 09 55.60 -0.9
0.4s 2.60nm 4.6mb
TCF 59.16 306 iPc 10 02.60 -0.5
LDF 59.39 310 eP 10 03.70 -0.9
0.4s 2.75nm 4.7mb
FLN 59.52 310 eP 10 04.90 -0.6
0.3s 1.80nm 4.7mb
CAF 59.93 305 eP 10 08.50 0.1
LPO 60.59 305 eP 10 12.70 -0.2
0.3s 2.45nm 4.8mb
EPF 61.97 304 eP 10 21.80 -0.6
0.5s 2.75nm 4.7mb
IMA 62.43 24 eP 10 25.40 0.2
1.2s 46.30nm 5.5mb
TTA 63.76 27 eP 10 34.04 0.1
0.4s 2.39nm 4.7mb
FBA 65.00 23 iPc 10 41.49 -0.4
0.6s 10.47nm 5.2mb
SVW 65.11 29 iPc 10 43.57 0.9
0.8s 18.17nm 5.3mb
e 10 52.44
CPKM 66.20 27 eP 10 50.44 0.6
PMR 67.01 26 eP 10 53.79 -0.9
0.7s 11.63nm 5.2mb
PMS 67.12 26 iPc 10 55.30 -0.2
0.4s 12.90nm 5.5mb
SLKM 67.43 27 eP 10 56.56 -0.9
TOA 67.57 24 iPc 10 59.10 0.8
KLU 68.11 25 eP 11 01.53 -0.2
MBL 69.05 149 eP 11 07.70 -0.1
0.3s 6.00nm 5.3mb
BALM 69.57 24 eP 11 10.56 -0.2
BCAO 72.07 260 iPc 11 25.00 -1.4
0.4s 18.00nm 5.5mb
YKA 74.46 11 eP 11 39.50 -0.1
0.9s 10.90nm 4.9mb
MRWA 75.09 155 eP 11 43.00 -0.6
ASPA 77.54 138 iPc 11 57.90 0.4
0.5s 9.90nm 5.2mb
MUN 77.73 156 eP 11 58.00 -0.3
KRI 79.60 236 eP 12 10.00 0.9
CTA 81.52 126 iPc 12 19.70 0.7
BUL 82.72 235 iPd 12 26.90 1.5
0.9s 6.72nm 4.8mb
JAO 83.83 351 eP 12 31.00 0.4
SES 86.66 12 eP 12 45.00 0.2
NEW 87.57 17 eP 12 50.00 0.8
1.0s 16.00nm 5.3mb
RMO 87.87 129 iPd 12 52.40 1.6

0.7s 11.00nm 5.3mb
STKA 88.14 137 eP 12 52.10 0.2
STK 88.14 137 P 12 52.79 0.9
KIC 88.14 277 P 12 52.60 0.2
TIC 88.16 277 P 12 52.60 0.1
ULM 88.29 3 eP 12 56.00 3.4X
LIC 88.44 277 P 12 54.00 0.2
LCCM 90.93 14 eP 13 05.80 0.5
BNH 92.12 346 eP 13 12.50 1.9
RSSD 93.78 9 iPc 13 19.43 0.9
0.6s 8.80nm 5.3mb
BW06 94.30 13 eP 13 21.39 0.4
0.8s 1.19nm 4.3mb
JFWS 95.70 359 eP 13 27.38 0.3
0.5s 10.36nm 5.6mb
CCH 147.35 310 ePKP 19 46.00 2.5X
ZOBO 147.56 314 ePKP 19 46.00 1.7
LPB 147.74 314 ePKP 19 46.00 1.7
CNCB 147.91 314 PKP 19 46.00 1.2
S.D. = 1.0 on 95 of 101 obs.

% SEP 25, 1992 08h 08m 56.82±1.15s
31.694 S ± 6.3km 71.516 W ±18.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

JACH 1.26 142 iP+ 09 17.81 -0.5
iS 09 33.67
ROCH 1.34 162 iP+ 09 18.74 -0.9
iS 09 35.85
PEL 1.61 154 iP+ 09 23.35 0.0
iS 09 44.07
TLL 1.64 22 iP 09 24.00 0.0
iS 09 44.70
LCCH 1.78 181 iP 09 25.81 0.1
iS 09 48.35
FCH 1.93 148 iP+ 09 28.29 0.0
iS 09 52.40
TACH 2.01 166 iP 09 29.43 0.3
iS 09 55.22
PCH 2.10 157 iPd 09 30.76 0.3
iS 09 57.85
LNV 2.26 178 iP+ 09 31.89 -0.6
CHCH 2.35 162 iPd 09 34.66 0.7
iS 10 04.12
CACH 2.54 163 eP 09 37.18 0.5
iS 10 09.59
S.D. = 0.5 on 11 of 11 obs.

SEP 25, 1992 08h 57m 40.51±0.32s
5.388 S ± 5.5km 102.556 E ± 7.0km
DEPTH = 28.6km (13 depth phases)
5.3mb (33 obs.) 4.8Msz (9 obs.)
SOUTHERN SUMATRA, INDONESIA (274)

KGM 7.39 6 ePd 59 31.90 2.6
IPM 10.02 351 ePc 00 07.00 1.3
SNG 12.63 351 eP 00 32.00 -9.1X
e 02 31.80
TSM 18.07 58 ePc 01 50.30 -1.0
NNT 18.08 351 eP 01 51.10 -0.3
KHT 20.42 349 iPc 02 16.90 -1.4
NST 21.06 353 eP 02 25.00 0.1
LOE 22.66 358 eP 02 40.90 0.0
BDT 22.76 351 eP 02 40.00 -1.8
CHG 24.31 352 eP 02 57.20 0.3
QIZ 25.30 16 eP 03 06.00 -0.4
N 16s 1.40um
KNA 27.71 114 eP 03 28.00 -0.6
MTN 29.15 107 eP 03 41.00 -0.6
KMI 30.33 0 Pd 03 53.50 1.2
1.2s 40.00nm 5.1mb
Z 14s 2.20um 5.0MszX
pP 04 04.00 38km
GBA 31.27 307 P 04 00.20 -0.2
GYA 31.91 7 P 04 06.20 0.2
1.0s 25.00nm 5.1mb
Z 16s 1.65um 4.8MszX
N 14s 0.57um
E 14s 1.10um
SHL 32.47 342 iPc 04 10.20 -0.8
WB2 34.14 118 iPc 04 23.10 -2.3
0.7s 38.90nm 5.4mb
iPp 04 33.10 34km
ASPA 35.23 124 iPc 04 34.50 -0.2
0.7s 25.40nm 5.3mb

HRT	0.31	319	eSg	15	13.00	
			iPg	15	15.00	-0.1
			eSg	15	19.00	
GPA	0.42	136	ePg	15	16.80	-0.4
GYN	0.65	111	eP	15	21.00	-0.8
NAL	1.12	110	eP	15	31.50	1.7
SGKT	1.62	90	eP	15	38.00	0.4
DVR	1.67	69	eP	15	38.00	-0.3
S.D. = 1.2			on	7	of	7 obs.
<hr/>						
%	SEP	25, 1992	09h	34m	03.15±	2.63s
	38.595	N ±23.6km		22.112	E ±10.3km	
	DEPTH =	10.0km	(geophysicist)			
GREECE						(364)
MD 2.7 (THE).						
AGG	0.46	22	ePg	34	12.56	0.1
			eSg	34	19.38	
LIT	1.53	11	ePb	34	31.18	0.6
			eSb	34	50.90	
IGT	1.67	305	ePb	34	32.58	0.0
			eSb	34	56.86	
PAIG	1.80	42	ePbd	34	34.82	0.4
OUR	2.26	39	ePn	34	41.18	0.1
GRG	2.37	5	ePn	34	42.74	0.0
			eSn	35	12.42	
SOH	2.42	23	ePn	34	43.14	-0.3
			eSn	35	12.98	
SRS	2.76	24	ePn	34	47.50	-0.8
S.D. = 0.5			on	8	of	8 obs.
<hr/>						
	SEP	25, 1992	09h	44m	10.99±	0.44s
	23.738	N ±5.2km		98.329	E ±5.3km	
	DEPTH =	33.0km	(normal)			
	4.4mb	(1 obs.)				
MYANMAR-CHINA BORDER REGION						(297)
ML 4.2 (BJI).						
KMI	4.25	70	ePn	45	17.00	1.7
			Pg	45	27.00	
			Sg	46	18.00	
CHG	4.93	173	ePnd	45	25.30	0.5
			ePg	45	43.00	
			iSg	46	48.20	
SHL	6.14	289	ePn	45	43.40	1.4
			eSn	47	04.80	
BDT	6.49	174	ePn	45	46.20	-0.5
			eSg	47	38.50	
LOE	7.06	153	eP	45	54.80	0.1
GYA	8.03	69	Pn	46	06.60	-1.8
Z	12s		1.01um			
			Sn	47	30.60	
CD2	8.62	33	eP	46	20.00	3.5X
Z	10s		1.61um			
			eS	47	47.00	
LSA	8.74	314	P	46	22.00	3.4X
KHT	8.91	178	iPc	46	20.60	0.1
GUN	11.96	293	P	47	03.76	1.3
PKI	12.26	291	P	47	05.58	-1.0
KKN	12.43	292	P	47	07.84	-0.9
GKN	13.04	292	P	47	15.80	-0.9
LZH	13.20	20	eP	47	20.00	1.2
	1.6s	39.00nm				5.2mb X
Z	14s	0.59um				5.0MszX
N	10s	0.44um				
XAN	13.83	40	eP	47	21.70	-5.2X
Z	10s	0.45um				
		pP	47	31.90		
GTA	15.68	4	eP	47	51.00	-0.1
Z	10s	0.45um				
E	10s	2.26um				
TIY	18.44	38	eP	48	26.00	0.3
Z	16s	0.48um				
BTO	19.47	28	eP	48	37.80	-0.3
MHC	20.36	30	P	48	4	

EDC 1.12 7 ePn 08 26.30 -0.3
 BNT 1.14 9 iPn 08 27.00 0.1
 KCT 1.14 27 iPn 08 27.00 0.1
 EZN 1.21 300 iPn 08 28.10 0.0
 S.D. = 0.2 on 5 of 5 obs.

SEP 25, 1992 10h 14m 22.68±0.40s
 11.554 S ± 6.4km 112.460 E ± 9.0km
 DEPTH = 33.0km (normal)
 4.6mb (13 obs.)

SOUTH OF JAWA, INDONESIA (282)

KNKI 4.43 45 ePd 15 30.00 0.6
 eS 16 16.10
 e 21 21.50
 NANU 11.33 165 iPc 17 04.70 -0.7
 0.3s 20.00nm 5.9mb X
 eS 19 02.00

MBL 11.88 144 eP 17 10.50 -2.3
 0.2s 17.00nm 5.9mb X
 eS 19 09.00

MEEK 16.09 160 iPc 18 07.30 -0.8
 eS 20 52.00

KNA 16.38 107 eP 18 10.00 -1.9

MRWA 17.88 170 eP 18 30.20 -0.4
 0.3s 15.00nm 4.6mb

e 18 39.00

eS 21 37.00

MTN 18.29 96 eP 18 37.00 1.2

BAL 19.36 169 eP 18 51.00 2.4
 eS 22 13.00

IPM 19.65 324 ePc 18 51.10 -0.8
 0.9s 29.20nm 4.6mb

WARB 19.77 139 eP 18 55.00 2.0
 0.3s 8.00nm 4.5mb

eS 22 16.00

KLB 20.53 167 eP 19 06.00 5.0X
 0.3s 3.00nm 4.2mb

eS 22 40.00

MUN 20.62 171 eP 19 08.50 6.6X
 0.8s 39.00nm 4.8mb

eS 22 42.00

COOL 20.85 159 eP 19 08.30 4.0X
 0.3s 6.00nm 4.5mb

eS 22 41.50

SNG 22.02 327 eP 19 16.20 0.0

WB2 22.64 114 iPc 19 21.90 -0.4
 0.5s 10.00nm 4.5mb

ASPA 23.68 123 eP 19 34.30 1.9
 0.8s 6.50nm 4.2mb

Z 20s 0.10um 3.3mszx
 eS 23 53.30

KHT 29.56 332 eP 20 31.00 4.2X

NST 29.68 335 eP 20 33.20 5.4X

CHG 32.99 336 eP 21 01.50 4.6X

KMI 37.67 345 eP 21 38.50 1.5
 1.5s 40.00nm 5.1mb

pP 21 47.50 31kmX

SHL 41.99 332 iPc 22 13.00 0.2

GBA 42.79 305 P 22 27.90 8.7X

CD2 43.04 349 eP 22 20.60 -0.5
 0.7s 25.00nm 5.1mb

XAN 45.46 356 P 22 40.00 -0.6
 0.7s 8.80nm 4.8mb

LSA 45.87 334 eP 22 45.00 0.6

PKI 46.91 326 P 22 52.14 -0.3

GUN 46.93 327 P 22 52.84 0.2

DMN 47.10 326 P 22 54.02 0.1

KKN 47.15 326 P 22 54.18 -0.1

GKN 47.67 326 P 22 58.20 -0.1

LZH 48.08 351 eP 23 10.50 9.2X
 1.4s 147.00nm 5.8mb X

BJI 51.44 4 eP 23 26.50 -0.3
 0.8s 8.00nm 4.7mb

GTA 52.05 348 eP 23 31.50 -0.1
 1.0s 9.00nm 4.7mb

MDJ 58.02 14 eP 24 13.00 -1.7

WMO 59.55 339 eP 24 25.50 0.1

CNCB 151.81 179 ePKP 34 24.00 13.4X
 S.D. = 1.2 on 27 of 36 obs.

? SEP 25, 1992 11h 23m 38.91±6.60s

31.936 S ± 47.3km 70.094 W ± 12.7km

DEPTH = 132.0 ± 44.1 km

CHILE-ARGENTINA BORDER REGION (127)

MD 4.0 (SAN).

JACH 0.86 209 iPd 24 00.93 -0.2
 iS 24 15.91
 ROCH 1.29 217 iPd 24 05.36 -0.1
 iS 24 24.42

PEL 1.30 202 iP+ 24 05.27 -0.1
 iS 24 23.58

FCH 1.40 187 iPd 24 06.91 0.2
 iS 24 26.87

MDZ 1.41 132 iP 24 06.60 0.0
 iS 24 25.70

PCH 1.72 192 iP+ 24 10.59 0.5
 iS 24 32.80

TACH 1.85 202 iPd 24 11.60 -0.1
 iS 24 34.95

LCCH 1.98 219 iP 24 13.79 0.7
 iS 24 36.52

CHCH 2.05 193 iP 24 13.80 -0.2
 iS 24 39.86

LNK 2.30 208 iP+ 24 16.46 -0.6
 iS 24 43.49

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

? SEP 25, 1992 11h 31m 10.71±2.66s

41.854 N ± 28.1km 24.272 E ± 10.4km

DEPTH = 10.0km (geophysicist)

GREECE-BULGARIA BORDER REGION (363)

SRS 0.90 215 eP 31 28.40 0.5

SOH 1.24 214 eP 31 33.54 -0.3

VAY 1.38 248 ePn 31 32.20 -3.8X

ALN 1.64 125 eP 31 39.70 0.0

GRG 1.67 238 eP 31 38.84 -1.3

FNA 2.43 245 eP 31 52.16 1.0

IGT 3.79 234 eP 32 14.24 3.8X
 S.D. = 1.2 on 5 of 7 obs.

& SEP 25, 1992 11h 34m 32.16s

63.222 N 150.548 W

DEPTH = 130.9km

CENTRAL ALASKA (1)

<AEIC>.

TRF 0.26 27 iPc 34 50.40 1.4
 eS 35 04.13

KTH 0.37 333 iPc 34 50.74 -0.3
 eS 35 03.90

HUR 0.48 120 iPc 34 51.00 -0.5
 eS 35 05.62

RND 0.79 76 iPc 34 53.25 -0.4
 eS 35 09.06

MCK 0.89 54 iPc 34 54.16 -0.3
 eS 35 10.36

SKT 1.33 200 iPd 34 58.11 -0.7
 eS 35 18.75

NEA 1.51 25 iPc 34 59.95 -0.8
 eS 35 20.12

PWA 1.61 169 eP 35 01.80 -0.1

GHO 1.64 152 iPd 35 02.11 -0.2
 eS 35 24.89

WRH 1.66 40 iPc 35 02.00 -0.5

SML 1.75 143 iPd 35 03.06 -0.6

PLRM 1.76 157 iPd 35 02.94 -0.8
 eS 35 27.51

PMR 1.76 157 ePd 35 02.62 -1.1
 eS 35 27.22

SUA 1.77 183 ePc 35 03.88 0.0
 eS 35 27.75

MLY 1.82 357 ePd 35 03.83 -0.6

CCB 1.87 39 ePc 35 04.48 -0.6
 eS 35 28.37

NCG 1.97 203 eP 35 05.98 -0.4

HDA 1.99 52 ePc 35 05.78 -0.7

PMS 2.04 166 iPd 35 06.80 -0.3

CGLM 2.04 200 eP 35 06.91 -0.3

SCM 2.04 132 eP 35 06.65 -0.6

KNK 2.06 151 ePd 35 06.76 -0.6
 eS 35 33.55

FBA 2.07 34 eP 35 06.78 -0.7

CRP 2.10 202 (P) 35 06.44 -1.6
 eS 35 32.24

CPKM 2.12 203 ePn 35 08.16 -0.1

CKN 2.15 202 eP 35 08.30 -0.2

BGL 2.15 205 eP 35 08.82 0.3

SPU 2.17 200 eP 35 08.53 -0.2

CKT 2.17 202 eP 35 08.65 -0.2

DDM 2.18 73 eP 35 09.50 0.6

CKL 2.20 203 eP 35 09.14 -0.1

GLM 2.25 37 iPd 35 09.54 -0.2
 BKG 2.31 201 eP 35 09.45 -1.1
 TOA 2.31 117 eP 35 11.10 0.5
 DJE 2.32 67 eP 35 10.04 -0.6
 eS 35 38.56

PAX 2.32 94 ePc 35 10.70 -0.1
 eS 35 38.50

SDG 2.40 105 eP 35 11.43 -0.2

PTE 2.47 162 eP 35 11.65 -0.9
 eS 35 42.44

TTA 2.50 266 eP 35 11.79 -1.2

TZL 2.65 114 eP 35 16.02 1.2

SLKM 2.73 177 eP 35 15.38 -0.5

KLU 2.77 127 ePc 35 15.45 -1.0

MPA 2.80 168 ePd 35 15.67 -1.1
 eS 35 47.93

RDT 2.80 199 eP 35 16.68 -0.2

DFR 2.83 202 eP 35 17.32 0.1

GLI 2.86 144 ePd 35 16.17 -1.4
 eS 35 50.70

VZW 2.87 137 eP 35 16.69 -1.1

VLZ 2.88 135 eP 35 16.29 -1.5

NCT 2.90 204 eP 35 17.93 -0.3

RDN 2.91 202 eP 35 19.09 0.7

REF 2.93 201 eP 35 18.47 -0.2

DOT 2.95 79 eP 35 17.81 -0.9

RDW 2.95 202 eP 35 18.53 -0.4

RS2 2.96 202 eP 35 19.27 0.2

RSO 2.96 202 eP 35 19.33 0.2

RS1 2.96 202 eP 35 19.79 0.7

RED 3.00 202 eP 35 19.30 -0.3

FID 3.14 140 eP 35 19.84 -1.4

IMA 3.16 336 eP 35 20.91 -0.7

SEW 3.17 170 iPc 35 20.69 -1.0

KNIM 3.18 154 ePd 35 19.89 -1.9

SVW 3.19 231 ePn 35 20.71 -1.2

HIN 3.42 144 eP 35 23.50 -1.5

BRK 3.47 183 eP 35 25.10 -0.6

MTU 3.53 156 eP 35 24.83 -1.6

GLB 3.61 117 ePc 35 27.03 -0.6

SGAM 3.72 135 eP 35 27.61 -1.4

OPT 3.81 201 eP 35 30.29 0.1

PDB 3.86 208 eP 35 30.84 0.0

FYU 4.05 32 eP 35 32.39 -1.0

AUL 4.10 201 eP 35 34.95 0.9

AUP 4.11 201 eP 35 35.70 1.4

HMT 4.16 131 eP 35 33.47 -1.4

CROM 4.28 122 eP 35 36.99 0.3

TGL 4.40 121 eP 35 38.80 0.6

BALM 4.43 116 eP 35 37.48 -1.2

WAX 4.59 124 eP 35 39.38 -1.3

SYI 4.71 192 eP 35 41.11 -1.2

CTGM 4.89 113 eP 35 44.60 -0.2

YAH 5.07 121 eP 35 47.25 -0.1
 80 obs. associated

* SEP 25, 1992 11h 53m 06.23±2.04s

41.487 N ± 17.0km 22.372 E ± 6.3km

DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

MD 2.1 (THE). ML 2.1 (SKO).

VAY 0.22 138 iPg 53 10.80 -0.2
 iSg 53 16.60

GRG 0.53 178 ePg 53 16.98 0.0

THE 0.96 152 ePg 53 24.56 0.0
 eSg 53 41.08

SRS 0.99 111 ePg 53 24.56 -0.5
 eSg 53 37.84

SOH 1.00 132 ePg 53 24.96 -0.2
 eSg 53 40.04

FNA 1.03 227 ePg 53 25.04 -0.7
 eSg 53 41.24

OUR 1.68 133 ePb 53 36.64 0.9
 eSb 54 02.20

IGT 2.50 219 ePn 53 48.16 0.6
 S.D. = 0.6 on 8 of 8 obs.

? SEP 25, 1992 12h 03m 15.93±5.83s

32.408 S ± 37.7km 71.701 W ± 25.8km

DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)

MD 3.5 (SAN).

ROCH 0.81 134 iPd 03 31.96 0.2
 iS 03 43.22

JACH 0.97 107 iP 03 34.42 -0.1

25d 12h

LCCH	1.07	174	iP	03 47.78	-0.2
			iS	03 35.87	
			iS	03 50.68	
PEL	1.13	131	eP	03 36.48	-0.6
			iS	03 52.17	
TACH	1.40	153	iP	03 41.57	0.1
			iS	04 00.12	
FCH	1.50	128	iP	03 42.75	-0.4
			iS	04 02.97	
LNJ	1.56	171	iPd	03 43.27	-0.5
			iS	04 05.49	
PCH	1.57	141	eP	03 45.10	1.2
			iS	04 04.99	
CHCH	1.76	150	iP	03 47.12	0.5
			eS	04 10.54	

S.D. = 0.6 on 9 of 9 obs.

SEP 25, 1992 12h 10m 30.79±0.50s
 22.220 S ± 8.1km 68.586 W ± 8.5km
 DEPTH = 112.1km (3 depth phases)
 4.6mb (6 obs.)

NORTHERN CHILE (123)

ANT	2.24	228	iP	11 06.50	-1.0
			iS	11 32.50	
CCH	5.33	26	eP	11 50.00	0.3
CNCB	5.41	6	iPc	11 51.00	0.0
LPB	5.68	5	P	11 57.00	2.5
ZOBO	5.92	4	P	11 58.10	0.1
			LR	13 12.00	
ARE	6.35	334	eP	12 10.00	6.3X
PEL	11.04	189	eP	13 17.00	10.3X
ITB1	13.26	103	e(P)	13 25.00	-10.7X
ITB	13.44	104	e(P)	13 44.80	6.7X
ITB7	13.52	105	e(P)	13 41.20	2.0
PPD	16.01	93	eP	14 08.80	-2.0
			e	14 12.20	
RSTA	18.11	101	eP	14 46.80	10.3X
			e	14 51.30	
BDF	20.61	75	e(P)	15 02.00	-1.2
FVM	63.31	341	iPc	20 47.48	-2.3
	0.8s		11.09nm		4.8mb
			e	21 14.57	109km
ALO	67.26	327	eP	21 15.27	-0.3
	1.2s		22.08nm		4.9mb
SPA	67.91	180	iPd	21 20.60	1.4
	0.6s		4.47nm		4.5mb
LIC	68.30	73	P	21 22.20	0.0
KIC	68.62	73	P	21 21.80	-2.3
GOL	70.53	331	eP	21 35.13	-0.5
	1.0s		13.98nm		4.7mb
SRU	72.54	327	iPd	21 46.83	-0.7
			ePcP	21 58.39	
			epP	22 15.64	114km
MSU	72.94	326	iPd	21 49.88	-0.1
ARUT	73.08	324	iPc	21 51.41	0.7
EMUT	73.22	327	eP	21 51.41	-0.1
RSSD	73.57	334	eP	21 52.88	-0.6
	0.6s		4.02nm		4.4mb
DAU	73.89	327	iPc	21 55.65	0.1
DUG	74.52	326	iPc	21 59.04	0.1
	0.9s		3.10nm		4.1mb
BW06	74.89	330	eP	22 02.00	0.9
HHA1	76.62	329	(P)	22 10.89	0.2
DPW	82.75	329	eP	22 43.16	-0.2
			epP	23 12.40	113km
MAW	83.56	163	P	22 48.29	1.1
GBA	146.62	99	PKP	30 02.00	2.2

S.D. = 1.3 on 26 of 31 obs.

? SEP 25, 1992 14h 01m 46.40±1.07s

7.364 S ± 18.8km 127.899 E ± 17.8km
 DEPTH = 257.9 ± 27.5 km
 4.9mb (3 obs.)

BANDA SEA (280)

SLKI	3.42	101	iPc	02 44.00	-0.4
AAI	3.66	5	ePd	02 47.40	0.3
			eS	03 34.50	
MTN	6.31	150	eP	03 30.30	11.1X
	0.3s		108.00nm		
			eS	04 49.00	
WB2	13.98	154	iPc	04 56.30	0.9
	0.7s		54.40nm		5.0mb
			iS	07 37.80	
MBL	15.78	209	eP	05 16.50	-0.6
ASPA	17.20	161	iPc	05 33.30	0.8

	0.6s	13.80nm	4.6mb	
		eS	08 39.20	
		i	08 51.60	
OIS	17.33	140	iPd	05 32.90 -1.0
	0.2s	14.00nm	5.1mb	
		i	05 34.50	
UYO	132.76	50	iPKPc	20 34.00 1.3X
	S.D. = 1.2	on	6 of	8 obs.

? SEP 25, 1992 14h 14m 52.38±1.00s
 40.064 N ± 12.3km 32.570 E ± 16.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MG 2.7 (DDA).

BBTK	0.27	146	ePg	14 58.00	0.0
			eSg	15 00.00	
SGKT	0.64	323	eP	15 05.00	-0.4
DVR	1.18	339	eP	15 14.70	0.3
GYN	1.44	282	eP	15 18.80	0.2

S.D. = 0.5 on 4 of 4 obs.

SEP 25, 1992 14h 15m 38.54±1.20s
 12.306 N ± 7.1km 87.576 W ± 4.8km
 DEPTH = 86.1 ± 9.8 km
 4.9mb (23 obs.)

NEAR COAST OF NICARAGUA (74)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 21S, 36C

Centroid Location:

Origin Time 14:15:36.4 0.6

Lat 12.07N FIX; Lon 87.61W FIX

Dep 15.0 FIX Half-duration 1.2

Moment Tensor; Scale 10¹⁷ Nm

Mrr=-0.90 0.07 Mtt=-0.70 0.05

Mff=-0.21 0.10 Mrt=1.26 0.17

Mrf=-0.82 0.15 Mtf=0.10 0.06

Principal Axes:

T Vol=1.83 Plg=58 Azm=38

N -0.25 6 299

P -1.58 31 205

Best Double Couple: Mo=1.7×10¹⁷

NP1: Strike=277 Dip=15 Slip=67

NP2: 120 76 96

TPX	5.24	300	iP	16 54.20	-1.8
			iS	17 48.50	
IISM	11.54	306	(P)	18 21.20	-0.8
STH	11.86	60	iPd	18 27.54	1.2
YHJ	12.05	61	iPd	18 29.74	0.9
IIT	12.30	304	(P)	18 31.50	-0.8
MRX	15.01	301	(P)	19 08.00	0.7
MGP	20.56	71	eP	20 12.00	-0.6
LRS	20.85	71	eP	20 15.00	-0.6
PORP	20.99	72	eP	20 14.50	-2.4
CLLP	21.05	72	eP	20 16.70	-0.8
CPD	21.66	72	eP	20 24.00	0.4
SGS	21.77	16	eP	20 24.56	0.0
PRM	22.19	12	eP	20 30.60	1.9
PWLA	22.58	359	ePc	20 32.77	0.3
JSC	22.62	14	ePd	20 34.85	2.0
LHS	22.92	14	ePc	20 37.40	1.6
OLY	23.36	352	eP	20 40.12	0.0
			e	21 04.54	
GBTN	23.46	7	ePc	20 42.34	1.3
			e	21 05.03	
VVO	24.09	343	eP	20 47.50	0.3
			e	21 26.20	
FND	24.52	340	iPd	20 50.80	-0.5
TUL	24.65	344	eP	20 52.30	-0.2
	1.0s		334.10nm		5.7mb
			S	26 00.60	
			LR	29 19.60	
CEH	24.70	17	ePd	20 54.44	1.4
	0.6s		94.38nm		5.4mb
			1.56um		4.5msz
ELC	24.92	357	ePc	20 53.96	-1.1
BLA	25.62	13	eP	21 02.67	1.1
	0.8s		24.32nm		4.7mb
NAV	25.64	13	eP	21 02.35	0.6
FVM	25.70	355	eP	21 01.64	-0.7
	0.5s		20.49nm		4.9mb
			0.99um		4.3msz
SLM	26.33	355	P	21 20.00	11.9X
			0.68um		4.2msz
MCWV	28.09	13	P	21 30.00	6.0X

	-	Z	19s	1.07um	4.5msz
ALO	28.31	326	ePd	21 27.13	0.8
	1.0s		18.94nm		4.7mb
			0.69um		4.2msz
			iPcP	24 38.82	
TUC	29.16	317	eP	21 33.52	-0.4
	0.9s		19.95nm		4.8mb
			2.06um		4.7msz
LVNJ	30.54	19	eP	21 44.71	-1.2
JFWS	30.59	356	eP	21 45.11	-1.1
	0.8s		23.84nm		5.0mb
GOL	31.50	333	eP	21 54.94	0.3
	0.9s		52.35nm		5.3mb
			0.76um		4.4msz
			(PcP)	24 44.71	
GLA	32.37	314	eP	22 02.49	0.5
			ePcP	24 48.69	
HRV	33.15	22	P	22 20.00	11.3X
			1.81um		4.8msz
SRU	33.57	327	ePc	22 12.43	-0.1
			ePcP	24 51.40	
PLM	33.97	313	eP	22 16.96	0.9
RSNY	34.02	17	eP	22 15.11	-1.1
	0.9s		27.53nm		5.1mb
			1.67um		4.8msz
			ePcP	25 23.30	
MSU	34.06	324	ePc	22 17.02	0.1
			ePcP	24 53.84	
EMUT	34.23	327	ePc	22 18.46	0.1
			ePcP	24 53.89	
ZOBO	34.31	145	P	22 19.20	-0.4
			1.74um		4.7msz
			S	27 48.00	
			LR	35 34.00	
ARUT	34.31	322	eP	22 18.82	-0.2
			ePcP	24 54.40	
LPB	34.52	146	P	22 29.20	8.0X
			3.40um		5.1msz
			LR	35 34.00	
RSSD	34.72	339	ePc	22 22.93	0.5
	0.9s		38.76nm		5.3mb
			0.81um		4.4msz
CNCB	34.81	146	P	22 23.80	-0.1
			e	24 56.00	
DAU	34.90	328	ePc	22 24.42	0.3
			ePcP	24 55.46	
EEO	34.97	10	eP	22 27.50	3.2X
GSC	34.97	316	P	22 26.15	1.6
TPNV	35.54	319	eP	22 31.13	1.7
	1.0s		16.99nm		4.9mb
			4.92um		5.3msz
			ePcP	24 58.39	
DUG	35.58	326	ePd	22 30.65	1.0
	1.0s		21.76nm		5.0mb
			ePcP	24 57.42	
CCH	36.31	144	eP	22 37.00	0.8
ISA	36.31	315	P	22 50.00	14.2X
			2.31um		5.0msz
HVU	36.68	328	eP	22 38.74	-0.2
TNP	36.83	319	eP	22 41.81	1.5
	0.9s		10.88nm		4.8mb
			ePcP	25 01.68	
PTI	37.27	329	eP	22 44.03	0.2
BONR	37.46	318	ePc	22 46.72	1.1
			ePcP	25 03.85	
HHA1	37.59	330	ePd	22 46.56	0.1
			ePcP	25 04.03	
PHAM	37.74	314	eP	22 47.61	-0.1
KVN	37.96	320	eP	22 51.49	1.7
ULM	38.44	351	ePc	22 54.40	1.0
LMN	38.62	26	eP	22 58.00	3.0X
CMB	38.87	317	P	23 10.00	12.8X
			1.42um		4.8msz
LCCM	39.28	333	iPc	23 01.30	0.7
ORV	40.42	318	eP	23 11.25	1.3
			ePcP	25 12.48	
WDC	41.65	319	P	23 30.00	10.1X
			1.40um		4.8msz
LBFM	41.66	320	eP	23 21.22	0.9

25d 14h

LON	44.82	327	eP	23	45.27	-0.4	1.0s	117.30nm		HYB	57.85	269	eP	30	11.50	-0.8							
			ePcP	25	35.13		GBA	150.28	30 PKP	35	17.30	0.6	ASPA	59.21	188	eP	30	22.70	1.1				
RMW	45.26	327	(P)	23	48.98	-0.2	NST	151.17	344 ePKP	35	17.00	-1.0		0.5s	5.70nm			5.0mb					
8MW	45.42	326	eP	23	49.79	-0.6	KHT	152.40	347 ePKP	35	21.00	1.2	MBL	59.81	203	eP	30	25.00	-0.6				
			ePcP	25	29.40		S.D. = 1.2 on 113 of 131 obs.										GBA	60.78	266	P	30	32.00	-0.5
GMW	45.84	327	ePc	23	51.89	-1.7	SEP 25, 1992 14h 20m 23.74± 1.25s										WARB	62.82	195	eP	30	46.50	0.6
MCW	46.57	328	eP	23	58.50	-0.9	35.484 N ± 7.6km 141.016 E ± 9.4km										OBN	69.14	323	iPc	31	25.00	-0.9
FCC	46.62	355	eP	24	02.00	2.4	DEPTH = 54.9 ± 8.0 km											1.0s	21.00nm			5.0mb	
PGC	46.87	328	eP	24	01.50	-0.2	4.6mb (19 obs.) 4.7Msz (9 obs.)										Z	18s	0.50um			4.8Msz	
8AO	48.01	124	e(P)	24	06.00	-5.3X	NEAR EAST COAST OF HONSHU, JAPAN(228)																
			e	24	17.00		KAKJ	0.99	317	iPd	20	40.20	-1.4	KAF	69.54	333	iP	31	28.20	-0.1			
			e	24	19.00		CHJJ	1.74	290	P	20	51.90	-0.1		0.4s	4.30nm			4.7mb				
			e	25	37.00		NIJJ	2.39	318	iPd	21	01.20	0.0	HFS	75.37	336	eP	32	02.20	-0.5			
BDF	48.10	124	e(P)	24	08.00	-3.9X	MAT	2.51	296	iPd	21	03.60	0.7		0.4s	1.70nm			4.3mb				
PPD	49.29	134	eP	24	17.80	-3.1X			eS	21	48.00		Z	18s	0.34um			4.7Msz					
YKA	53.72	345	eP	24	51.70	-1.9	IIDJ	2.53	271	P	21	05.10	1.8			LR	00	22.00					
	0.9s	26.70nm			5.3mb		YAMJ	2.80	344	P	21	06.50	-0.5	NB2	75.49	337	P	32	04.00	0.5			
BALM	62.65	333	ePc	25	54.76	-1.4	MTMJ	2.82	294	iP+	21	08.60	1.1		0.9s	11.10nm			4.8mb				
KLU	64.41	333	eP	26	06.38	-1.2	OFUJ	3.63	8	eP	21	17.10	-1.6	OJC	80.15	326	eP	32	30.70	1.5			
			ePcP	26	39.95				eS	21	57.90		CLL	82.28	330	iPc	32	41.20	0.9				
TOA	64.76	334	eP	26	09.90	0.1	TSRJ	4.11	272	eP	21	28.30	2.9X		1.2s	16.00nm			4.9mb				
PMR	65.88	333	eP	26	15.67	-1.2	WKYJ	4.63	256	P	21	33.20	0.3	PRU	82.63	328	eP	32	43.80	1.6			
	0.9s	14.62nm			4.9mb		AOMJ	5.09	354	eP	21	39.70	0.4		Z	21s	0.60um			4.9Msz			
Z	20s	0.76um			4.9Msz		TKSJ	5.93	257	eP	21	52.20	1.1	N	21s	0.40um							
PMS	65.96	332	eP	26	16.70	-0.8	YONJ	6.18	269	eP	21	55.10	0.5	E	21s	0.50um							
	1.1s	69.20nm			5.5mb		CN2	14.57	309	eP	23	52.40	4.2X			e	40	20.00					
SLKM	66.03	331	ePc	26	16.17	-1.8			0.6s	2.90nm		3.9mb	KHC	83.69	328	eP	32	49.00	1.3				
MBC	66.14	352	eP	26	17.00	-1.4	SNY	15.01	300	eP	23	56.80	2.9X		1.0s	3.50nm			4.3mb				
	0.9s	17.00nm			5.0mb			1.2s	22.00nm		4.3mb		Z	20s	1.10um			5.2Msz					
FBA	66.51	336	iPc	26	19.05	-1.8	DL2	15.82	288	eP	24	08.50	4.2X	N	20s	0.10um							
	0.8s	8.69nm			4.7mb		SSE	17.14	261	eP	24	42.00	21.1X	E	20s	0.90um							
CRP	67.16	332	eP	26	23.80	-1.5			Z	20s	1.30um				e	33	20.00						
CPKM	67.20	332	eP	26	24.22	-1.4	TIA	19.38	279	eP	24	44.30	-3.5X			e	32	53.10					
REF	67.20	331	eP	26	22.95	-2.6X			Z	24s	1.75um				e	32	59.70						
HON	67.55	288	P	26	30.00	1.8	BJI	20.14	290	eP	24	52.00	-3.7X			e	33	04.20					
Z	19s	0.46um			4.7Msz			1.5s	41.00nm		4.5mb	GRF	84.25	330	ePc	32	52.50	2.0					
SVW	68.74	331	eP	26	33.10	-1.9	WHN	22.87	265	P	25	22.50	-0.7		1.3s	39.00nm			5.3mb				
IMA	69.22	336	ePd	26	35.78	-2.1			Z	24s	0.96um		SKO	85.14	319	eP	32	56.00	0.9				
	1.0s	4.04nm			4.3mb			1.6s	1.79um		4.6MszX	ZOBO	147.74	61	PKP	40	07.00	4.9X					
TTA	69.35	333	ePc	26	36.56	-2.1	TIY	23.02	284	eP	25	25.40	0.6	LPB	147.92	61	PKP	40	09.00	6.8X			
	1.0s	10.54nm			4.7mb			Z	26s	1.70um		4.4MszX	CNCB	148.19	62	PKP	40	09.20	6.4X				
EKA	76.81	36	Pc	27	37.00	14.6X			E	20s	2.00um			S.D. = 1.1 on 47 of 57 obs.									
	1.3s	24.70nm					HHC	23.71	292	P	25	30.20	-1.2	SEP 25, 1992 14h 47m 53.70± 0.92s									
MAL	77.32	55	iPc	27	43.00	17.5X			1.0s	8.50nm		4.2mb	42.458 N ± 5.4km 13.350 E ± 9.9km										
GRF	86.33	40	e(P)	28	12.80	0.5			Z	24s	0.81um		4.1MszX	DEPTH = 10.0km (geophysicist)									
			e	28	28.50		BTO	24.87	291	eP	25	41.40	-1.2	CENTRAL ITALY (381)									
MOX	86.34	39	eP	28	12.60	0.4	XAN	26.35	276	P	25	55.20	-1.2	AQU	0.11	159	P	47	56.50	-0.1			
			e	28	28.60				Z	20s	1.03um		4.4Msz			eSg	48	00.70					
CLL	87.01	38	eP	28	15.00	-0.4	YAK	27.50	348	iPc	26	06.00	-0.5	AZI	0.47	172	P	48	02.50	-0.8			
		i	28	31.40				1.2s	75.00nm		5.2mb	MNS	0.50	262	P	48	03.00	-0.9					
BRG	87.70	38	e(P)	28	16.40	-2.4	LZH	30.04	282	eP	26	28.50	-1.4			eSg	48	10.00					
KHC	87.97	40	eP	28	20.90	0.7			Z	22s	0.82um		4.3Msz	ASS	0.79	321	P	48	08.20	-1.0			
	1.0s	3.50nm			4.4mb			E	15s	0.46um					eSg	48	20.50						
GEC2	88.13	40	ePKPc	28	19.10	-1.9	GYA	30.67	263	P	26	33.40	-2.0	RMP	0.81	217	P	48	10.00	0.6			
	0.9s	1.80nm			4.2mb				pP	26	37.50	31kmX			eSg	48	20.00						
		e	28	30.90			CD2	31.39	272	eP	26	39.00	-1.8	RDP	0.84	214	P	48	11.00	1.0			
BUL	118.54	106	iPKPc	34	20.20	1.3	GTA	32.74	289	eP	26	52.50	-0.9	ARV	1.08	344	P	48	14.50	0.4			
	0.9s	6.72nm						1.0s	9.00nm		4.6mb		CRE	1.56	319	P	48	22.30	0.8				
HHC	124.23	342	PKP	34	30.40	1.2			Z	16s	0.88um		4.5MszX	S.D. = 1.0 on 8 of 8 obs.									
BTO	124.90	344	ePKP	34	31.00	0.5			Z	19s	2.31um		4.9Msz	SEP 25, 1992 15h 16m 26.66± 3.09s									
TIA	126.41	335	ePKP	34	33.70	0.2			E	11s	0.34um		4.4MszX	47.017 N ± 29.4km 6.277 E ± 24.5km									
TIY	126.82	340	PKPc	34	34.80	0.5	WMO	41.27	298	P	28	06.00	0.8	DEPTH = 10.0km (geophysicist)									
CTA	127.91	254	i(PKP)	34	44.00	7.2X			Z	20s	0.54um		4.4Msz	FRANCE (538)									
		e	34	53.00					sP	28	20.00			ML 2.1 (LDG).									
GTA	128.09	353	ePKP	34	37.50	0.8	LSA	42.05	277	eP	28	12.80	0.6	BSF	0.89	23	Pg	16	43.80	0.0			
SSE	128.76	328	PKPc	34	38.80	0.8	GUN	47.00	277	P	28	51.30	-0.5			Sg	16	57.30					
Z	20s	0.60um			5.3Msz		PKI	47.52	277	P	28	55.34	-0.6	HAU	0.99	3	Pg	16	45.00	-0.5			
NJ2	129.15	331	PKPd	34	38.80	0.1	KKN	47.54	277	P	28	55.42	-0.5	CDF	1.55	25	Pg	16	54.70	0.3			
LZH	130.68	348	ePKP	34	43.00	1.2	DMN	47.75	277	P	28	58.28	0.7			Sg	17	14.80					
	Z	22s	0.36um		5.0Msz		GKN	47.97	278	P	28	59.06	-0.1	LBF	1.57	270	Pg	16	53.30	-1.4			
XAN	131.31	342	PKP	34	43.50	0.6	KSH	50.77	295	eP	29	21.90	1.5			Sg	17	15.30					
WHN	132.46	334	ePKP	34	47.00	1.9	WB2	55.48	188	iPd	29	53.40	-1.9	LOR	1.67	280	Pg	16	57.50	1.4			
CD2	135.67	346	ePKP	34	52.50	1.2										Sg	17	15.60					
GYA	139.06	340	PKP	34	58.00	0.2								SMF	1.71	258	Pg	16	56.80	0.1			
WB2																							

25d 15h

Sg 17 16.80
S.D. = 1.2 on 6 of 6 obs.
SEP 25, 1992 15h 53m 51.57 ± 0.83s
42.605 N ± 9.0km 45.861 E ± 9.4km
DEPTH = 33.0km (normal)
3.7mb (2 obs.)
EASTERN CAUCASUS (337)
Felt (11) at Makhachkala.

GRO 0.76 350 iPg 54 05.00 -0.8
Z 15s 1.00um
E 16s 1.50um
MTA 1.20 221 iPg 54 11.00 -1.1
MAK 1.23 70 iPg 54 13.00 0.5
BKR 1.95 244 iPn 54 24.00 0.9
AKH 2.14 237 iPn 54 25.00 -0.1
PYA 2.49 306 ePn 54 30.00 -0.8
SHE 2.86 133 iPnc+ 54 41.00 5.1X
MAIO 12.27 116 eP 56 43.00 -3.9X
DMK 13.45 273 ePg 57 08.50 6.1X
ARU 16.06 26 eP 57 35.00 -1.2
FRU 21.09 80 (P) 58 46.00 10.6X
NUR 22.08 332 eP 58 45.20 0.2
KAF 22.72 336 iP 58 53.30 1.9
GEC2 0.3s 1.10nm 3.8mb
23.19 297 eP 59 07.80 11.6X
0.7s 0.56nm
HFS 26.27 323 eP 59 25.70 0.4
0.7s 1.40nm 3.7mb
S.D. = 1.1 on 10 of 15 obs.

SEP 25, 1992 16h 14m 22.56 ± 1.23s
6.263 S ± 9.9km 130.179 E ± 11.2km
DEPTH = 114.8 ± 16.4 km
4.7mb (3 obs.)
BANDA SEA (280)
AAI 3.23 322 iPd 15 13.20 0.7
MTN 6.61 172 eP 15 59.00 0.3
0.4s 396.00nm 6.2mb X
KNA 9.53 188 iPd 16 37.50 -0.8
OIS 16.90 148 eP 18 11.00 -2.5
0.3s 10.00nm 4.6mb
PMG 17.11 102 eP 18 16.00 -0.1
ASPA 17.67 169 eP 18 22.90 -0.1
0.7s 113.00nm 5.2mb
MBL 17.88 213 eP 18 26.00 0.4
WARB 20.10 189 eP 18 50.50 1.1
0.4s 10.00nm 4.5mb
CTA 20.80 133 iP 18 59.00 2.5
NANU 21.50 220 eP 19 04.00 0.5
FORT 24.47 184 eP 19 31.50 -0.7
MRWA 26.47 209 eP 19 51.00 0.2
STKA 27.63 159 eP 20 01.50 0.3
CHG 39.61 310 eP 21 43.00 -1.6
LZH 48.84 331 eP 22 38.00 -20.5X
1.0s 15.00nm
CNCB 150.88 142 PKP 34 06.00 7.2X
LPB 151.02 142 (PKP) 34 09.00 10.2X
ZOBO 151.18 141 PKP 34 05.20 5.9X
S.D. = 1.4 on 14 of 18 obs.

? SEP 25, 1992 16h 23m 16.37 ± 5.30s
42.213 N ± 39.3km 9.584 E ± 46.1km
DEPTH = 10.0km (geophysicist)
CORSIKA (380)
ML 2.4 (LDG).

PGF 0.55 308 Pg 23 27.50 0.0
Sg 23 33.40
SBF 2.28 317 Pn 23 54.70 0.0
Sn 24 18.90
LMR 2.53 297 Pn 23 57.80 -0.3
Sn 24 27.00
FRF 2.54 303 Pn 23 58.30 -0.1
Sn 24 27.00
LRG 2.68 299 Pn 24 00.60 0.3
Sn 24 29.00
S.D. = 0.3 on 5 of 5 obs.

? SEP 25, 1992 16h 28m 42.99 ± 1.14s
37.010 N ± 14.4km 29.068 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
YER 0.64 281 iPg 28 56.00 0.1
ISg 29 03.00
ELL 0.72 111 iPg 28 57.00 -0.3
eSg 29 09.00
BCK 1.29 69 ePn 29 07.60 0.6
KHL 1.36 15 ePn 29 07.60 -0.4
S.D. = 0.8 on 4 of 4 obs.

SEP 25, 1992 17h 26m 04.94 ± 1.10s
47.039 N ± 5.6km 6.440 E ± 35.3km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.0 (LDG).
BSF 0.83 17 Pg 26 20.90 -0.1
Sg 26 30.20
HAU 0.97 356 Pg 26 23.40 0.0
Sg 26 36.40
CDF 1.49 22 Pg 26 31.90 0.1
Sg 26 49.70
LPL 1.54 172 Pn 26 32.40 -0.2
Pg 26 36.60
LPG 1.56 172 Pn 26 33.20 0.2
Pg 26 37.20
Sg 26 58.40
SMF 1.83 259 Pg 26 42.50 5.9X
Sg 27 08.30
S.D. = 0.3 on 5 of 6 obs.

? SEP 25, 1992 17h 52m 05.54 ± 4.95s
36.922 N ± 44.9km 1.952 W ± 26.0km
DEPTH = 10.0km (geophysicist)
WESTERN MEDITERRANEAN SEA (387)
mbLg 2.8 (MDD).
ENIJ 0.21 284 ePg 52 09.50 -0.6
eSg 52 12.50
EALH 1.03 24 ePg 52 24.90 0.0
eSg 52 39.00
EGUA 1.30 267 ePn 52 29.50 -0.1
eSn 52 48.30
ECOG 1.34 286 ePn 52 31.00 0.7
eSn 52 49.20
S.D. = 1.0 on 4 of 4 obs.

? SEP 25, 1992 18h 56m 43.40 ± 1.06s
14.159 S ± 37.0km 73.713 W ± 24.4km
DEPTH = 90.0km (geophysicist)
CENTRAL PERU (116)
ARE 3.14 137 iP 57 31.90 -0.1
IS 58 07.60
NNA 3.74 305 iPc 57 40.00 0.0
0.5s 147.89nm
ZOBO 5.79 112 iPc 58 09.20 0.1
S 59 18.00
LPB 5.91 114 P 58 13.20 2.7X
CNCB 6.12 116 P 58 14.70 1.1
CCH 7.96 115 P 58 37.50 -1.2
S.D. = 1.1 on 5 of 6 obs.

SEP 25, 1992 20h 06m 45.91 ± 0.21s
54.401 S ± 6.7km 27.643 W ± 5.8km
DEPTH = 41.6km (7 depth phases)
5.6mb (20 obs.) 5.2msz (26 obs.)
SOUTH SANDWICH ISLANDS REGION (153)

SNA 19.55 154 iPc 11 10.10 -2.4
0.9s 250.42nm 5.5mb
AIA 21.03 224 eP 11 28.00 0.1
NVL 23.80 149 iPc 11 54.00 -1.2
2.6s 299.00nm 5.3mb
Z 18s 3.50um 4.9msz
N 20s 2.00um
E 20s 2.00um
epP 12 06.00 48km
esP 12 13.00
e 13 09.00
eS 16 02.00
esS 16 24.00
eSS 16 40.00
e 18 20.00
LPA 28.71 300 eP+ 12 42.00 1.0
Z 19s 4.17um 5.1msz
RSTA 33.71 323 eP 13 39.70 14.6X
SPA 35.78 180 iPc 13 42.90 0.2
1.1s 127.98nm 5.8mb
Z 20s 3.51um 5.1msz
i 18 38.00
PEL 36.87 287 iP+ 13 50.00 -2.0
0.9s 201.68nm 6.0mb
PPD 36.92 322 iPd 13 52.40 -0.1
e 13 56.90 15kmX
TUH 38.87 77 eP 14 07.00 -1.7
1.0s 40.00nm 5.2mb
TLL 39.20 290 iP 14 10.50 -1.3
MAW 41.64 145 eP 14 31.00 -0.1
0.9s 53.00nm 5.3mb
Z 14s 6.00um 5.6mszX
BDF 41.75 330 Pc 14 33.50 0.8
e 14 46.40 48km
BAO 41.80 330 Pc 14 33.30 0.2
e 14 41.90 29kmX
e 14 54.50
e 15 19.50
PDCR 42.74 343 eP 14 50.40 9.7X
e 14 54.50 14kmX
e 15 01.10
KIM 45.47 77 iPc 15 04.50 1.8
1.2s 50.00nm 5.3mb
i 15 16.50 43km
BLF 46.01 79 iPc 15 06.80 -0.2
0.8s 25.00nm 5.2mb
WIN 46.10 65 iPc 15 10.00 2.2
CCH 47.33 306 eP 15 16.00 -1.7
SEK 47.42 80 eP 15 18.50 0.3
1.2s 85.94nm 5.6mb
CNCB 48.70 304 iPd 15 29.00 0.4
LPB 48.99 304 iPd 15 31.00 0.3
1.1s 359.49nm 6.3mb
Z 20s 2.13um 5.1msz
ZOBO 49.22 305 iPd 15 32.20 -0.5
S 22 44.00
LR 32 40.00
SLR 49.77 78 iPc 15 33.70 -2.7
0.6s 10.00nm 5.0mb
Z 18s 2.75um 5.3msz
ARE 50.72 301 eP 15 45.00 1.2
BUL 54.35 74 eP 16 11.00 0.3
1.3s 168.27nm 5.9mb
ipP 16 22.30 39km
CSY 55.54 161 eP 16 19.40 0.8
0.1s 17.80nm 6.1mb
epP 16 31.60 43km
NNA 57.23 298 eP 16 31.50 0.1
1.0s 34.00nm 5.3mb
LIC 63.31 25 Pd 17 11.90 -0.7
0.7s 63.00nm 5.8mb
KIC 63.51 26 P 17 13.16 -0.8
1.1s 95.50nm 5.8mb
TIC 63.71 25 P 17 14.20 -1.1
0.7s 61.00nm 5.8mb
KDS 67.98 16 eP 17 42.50 -0.1
LWI 69.24 63 iPd 17 51.70 0.9
BCAO 70.04 50 iPd 17 54.10 -1.3
0.2s 40.00nm 6.1mb
i 18 05.50 38km
SDV 72.65 315 ePd 18 10.50 -0.8
TOV 73.13 316 eP 18 14.00 0.2
NAI 74.33 70 ePd 18 30.00 8.9X
Z 16s 0.91um 5.2mszX
PAG 75.92 326 eP 18 30.00 0.2

25d 20h

MUN	88.49	150	eP	19	36.00	1.0	GYA	136.52	111	PKP	26	06.00	1.1	-	-	eSg	14	20.80		
ADE	90.22	169	eP	19	45.70	2.5X	WMO	137.81	77	ePKP	26	04.00	-2.8X	S.D. = 0.4 on 11 of 11 obs.						
EJIF	92.48	18	iPc	19	52.20	-0.9	Z	20s	0.54um			5.3msz	SEP 25, 1992 20h 18m 57.08± 1.25s							
EPRU	93.03	18	iPc	19	59.10	3.5X			PP	29	02.00		32.635 S ±13.1km 70.809 W ±11.5km							
EVAL	93.37	16	iPc	20	00.10	3.0X	LZH	-142.14	99	ePKP	26	13.50	-1.5	DEPTH = 75.0km (geophysicist)						
STK	93.57	171	P	20	02.20	3.6X	Z	22s	0.36um			5.1msz	CHILE-ARGENTINA BORDER REGION (127)							
STKA	93.58	171	eP	20	00.00	1.4	MBC	142.36	337	ePKP	26	10.50	-3.4X	MD 3.4 (SAN).						
			iP	20	10.60	33km		1.0s	7.00nm											
CEH	100.23	320	Pdiff	20	40.00	11.5X	WHN	143.87	116	ePKP	26	16.50	-1.3	JACH	0.19	104	iP	19	08.62	-0.1
Z	20s	0.67um				5.1msz	BALM	145.85	308	ePKP	26	20.31	-0.1				iS	19	17.54	
ASPA	100.64	163	iPdiff	20	33.70	3.0X	NJ2	147.40	120	PKPc	26	27.00	3.4X	ROCH	0.38	207	iPd	19	09.66	-0.1
	0.8s	6.20nm				5.2mb	KLU	147.64	308	ePKP	26	26.13	2.9X				iS	19	19.27	
Z	20s	0.40um				4.9msz	SSE	147.79	124	PKPc	26	27.00	2.7X	PEL	0.52	168	iP+	19	10.67	-0.1
		e	24	40.00			Z	20s	0.64um			5.4msz					iS	19	20.99	
HRV	103.57	328	Pdiff	20	50.00	6.8X	TOA	147.92	309	iPKPd	26	28.10	4.5X	FCH	0.82	148	iP+	19	14.65	0.4
Z	18s	0.69um				5.2msz	NRI	148.06	37	iPKPc	26	25.50	2.0				iS	19	27.93	
LPG	103.73	24	ePdiff	20	56.60	12.3X		1.6s	87.00nm					PCH	1.01	166	iP	19	16.22	-0.1
	0.8s	3.65nm					TIY	148.19	105	PKPc	26	25.80	1.0				iS	19	31.27	
LPL	103.74	24	ePdiff	20	56.50	12.3X	Z	20s	0.75um			5.5msz		TACH	1.02	186	iPd	19	16.21	-0.2
	0.8s	3.75nm					BTO	148.76	99	ePKP	26	25.80	0.1				iS	19	31.11	
WRA	104.36	163	Pdiff	20	47.29	0.0	PMR	149.15	307	ePKP	26	23.66	-1.8	LCCH	1.05	217	iP+	19	17.01	0.3
	0.7s	0.90nm				4.7mb	Z	19s	0.74um			5.5msz					iS	19	31.10	
RSNY	106.35	327	PKP	25	20.00	13.3X			ePKPbc	26	29.26		CHCH	1.30	174	iPd	19	19.76	-0.3	
Z	21s	0.77um				5.2msz	FBA	149.21	314	ePKP	26	28.41	2.9X				iS	19	37.53	
FVM	106.61	313	ePKP	25	18.43	11.1X	PMS	149.27	307	iPKPd	26	31.00	5.2X	LNv	1.41	201	iP	19	21.40	0.0
Z	19s	4.41um				6.0msz		1.1s	185.20nm								iS	19	39.87	
SLM	107.08	313	PKP	25	20.00	11.8X	SLKM	149.40	305	ePKP	26	30.35	4.4X	CACH	1.49	173	eP	19	22.70	0.1
Z	19s	0.68um				5.2msz	PWA	149.51	307	ePKP	26	32.20	6.2X				iS	19	43.47	
GBA	109.72	94	PKP	25	14.00	0.2	TIA	149.70	112	ePKP	26	30.90	3.8X	S.D. = 0.2 on 10 of 10 obs.						
JFWS	110.66	316	PKP	25	20.00	5.2X	KDC	149.76	299	ePKP	26	31.79	5.3X	SEP 25, 1992 21h 12m 23.70± 0.19s						
Z	20s	0.62um				5.2msz	HHC	149.81	100	PKP	26	28.40	1.1	36.686 N ± 1.6km 116.306 W ± 1.8km						
ALQ	111.68	300	PKP	25	30.00	12.7X	ZAK	150.28	77	ePKP	26	29.50	2.0	DEPTH = 9.3 ± 2.0 km						
Z	18s	0.48um				5.1msz		1.5s	99.00nm				CALIFORNIA-NEVADA BORDER REGION (40)							
TUC	111.86	295	PKP	25	30.00	12.4X	CPKM	150.53	306	ePKP	26	25.50	-2.4X	ML 3.2 (GS).						
Z	18s	0.43um				5.1msz			ePKPbc	26	33.02		SDH	0.05	213	iPd	12	26.09	0.2	
HYB	113.39	93	ePKP	25	21.00	0.2	REF	150.59	304	ePKP	26	27.61	-0.3	LSM	0.06	26	iPd	12	26.30	0.3
GOL	114.85	304	PKP	25	30.00	6.6X			ePKPab	26	32.99		YMT3	0.13	320	iPc	12	27.08	0.2	
Z	19s	0.80um				5.3msz	IRK	151.67	74	ePKP	26	36.10	6.5X	CDH1	0.17	357	iPd	12	27.80	0.1
SRU	116.96	300	ePKP	25	26.49	-0.8		1.5s	50.00nm					YMT2	0.18	304	iPc	12	27.84	0.2
MAIO	117.04	65	ePKP	25	40.00	12.6X	Z	15s	0.34um			5.3mszX		YMT6	0.19	335	iPc	12	28.03	0.1
MSU	117.35	298	ePKP	25	27.71	-0.4			e	26	47.50			YMT4	0.20	324	iPc	12	28.27	0.2
ARUT	117.45	297	(PKP)	25	29.28	1.0	IMA	151.76	316	ePKP	26	26.31	-3.2X	LOP	0.20	33	iPc	12	28.34	0.2
RSSD	117.63	308	ePKP	25	28.13	-0.3			LR	35	01.00		YMT5	0.24	331	iPc	12	28.93	0.0	
Z	20s	1.43um				5.6msz	BJI	151.90	106	ePKP	26	37.00	6.7X	YMT1	0.25	313	iPc	12	29.07	0.1
ISA	118.54	292	PKP	25	40.00	9.8X		1.0s	33.00nm				SSP	0.25	16	iPd	12	29.16	0.1	
Z	20s	0.30um				4.9msz	SVW	152.12	305	ePKP	26	36.10	6.1X	TPNV	0.27	10	ePnd	12	29.60	0.3
DUG	118.93	299	ePKP	25	30.70	-0.3	BRW	152.48	327	ePKP	26	38.07	7.9X				eS	12	33.70	
NB2	119.15	20	PKP	25	30.20	-0.3	TTA	152.55	309	ePKP	26	28.61	-2.0	WCT	0.27	291	iPc	12	29.51	0.2
	0.8s	2.00nm							e	26	38.06		JON	0.30	146	ePc	12	29.89	0.0	
BONR	120.14	294	ePKP	25	34.15	0.6	SDN	153.26	291	ePKP	26	39.65	8.0X	CPY	0.31	39	iPc	12	30.15	-0.1
CMB	121.32	293	PKP	25	50.00	14.6X	CIT	156.86	80	ePKP	26	41.00	4.2X	AMR	0.32	205	iPd	12	30.33	0.0
Z	19s	0.40um				5.1msz	BOD	158.64	65	ePKP	26	38.80	0.2	TMBR	0.35	350	iPd	12	31.03	0.0
KHT	122.69	112	ePKP	25	37.00	-1.5	CN2	159.56	110	ePKP	26	40.20	0.2	BGB	0.36	10	iPd	12	31.06	0.0
ORV	123.02	293	ePKP	25	40.40	1.9	Z	20s	0.73um			5.5msz		FMT	0.38	263	iPc	12	31.21	-0.4
KAF	123.65	27	iPKP	25	39.00	-0.1			ePKPab	27	18.20		SPRG	0.40	89	iPc	12	31.69	-0.2	
	0.6s	6.40nm					ILT	160.83	326	ePKP	26	37.00	-3.6X	EPM	0.54	358	iPd	12	34.44	-0.2
WDC	124.31	293	PKP	25	50.00	8.9X		1.4s	37.00nm				GLR	0.56	24	ePd	12	34.32	-0.8	
Z	19s	0.42um				5.1msz	S.D. = 1.1 on 82 of 128 obs.						NOP	0.57	167	iPd	12	34.73	-0.5	
BDT	124.93	111	ePKP	25	41.00	-1.8	SEP 25, 1992 20h 13m 39.24± 0.51s						TCNV	0.57	324	iPc	12	34.75	-0.5	
DMN	125.07	91	PKP	25	43.40	0.2	42.102 N ± 4.5km 19.760 E ± 3.8km						GWY	0.58	211	iPd	12	35.07	-0.4	
GKN	125.09	90	PKP	25	42.80	-0.3	DEPTH = 10.0km (geophysicist)						SGV	0.65	297	iPc	12	36.38	-0.5	
PKI	125.22	91	PKP	25	43.44	-0.2	NORTHWESTERN BALKAN REGION (383)						BMTN	0.66	336	ePd	12	36.52	-0.5	
KKN	125.31	91	PKP	25	43.88	0.2	ML 2.3 (TTG).						APKW	0.68	122	iPc	12	36.94	-0.6	
GUN	125.75	91	PKP	25	45.46	0.7	ULC	0.40	250	iPgc	13	47.17	-0.4	PANV	0.70	246	iPc	12	37.23	-0.5
CHG	126.17	110	ePKPc	25	45.90	0.6			iSg	13	54.07		MCA	0.78	268	iPc	12	38.41	-0.6	
	1.5s	34.72nm					TTG	0.49	312	iPgc	13	49.17	-0.1	BLT	0.81	10	ePd	12	39.08	-0.5
SHL	127.48	98	ePKP	25	47.50	-0.3			iSg	13	58.23		OSM	0.85	212	ePd	12	40.12	0.0	
		ePP	27																	

VBY	0.38	156	iPg	29	28.10	0.6
			iSg	29	35.50	
LJU	0.40	298	iPg	29	27.00	-0.9
			iSg	29	32.00	
CEY	0.44	255	ePg	29	28.90	0.1
			eSg	29	35.00	
PTJ	0.64	85	iPg	29	31.90	-0.7
			iSg	29	41.40	
ZAG	0.66	93	iPg	29	32.70	-0.1
			iSg	29	43.00	
VOY	0.82	283	ePg	29	34.80	-0.9
			eSg	29	47.20	
TRI	0.90	261	ePg	29	36.40	-0.6
			iSg	29	49.80	
KBA	1.70	317	iPn	29	51.20	1.5
			iPg	29	54.90	
			iSn	30	07.20	
			iSg	30	13.10	
FVI	1.73	296	P	29	51.00	1.0
			eSg	30	16.50	

25d 22h

ZST 2.74 30 eP 30 34.30 29.9X
 KHC 3.43 344 eP 30 18.50 4.3X
 e 30 26.00
 e 30 47.50
 eSg 31 03.00
 S.D. = 1.0 on 9 of 11 obs.

% SEP 25, 1992 22h 52m 12.12±1.81s
 43.271 N ±12.7km 18.892 E ±8.8km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.7 (TTG).

PLE 0.37 81 iPg 52 19.79 0.0
 BRY 0.45 215 iPg 52 21.14 -0.2
 NKY 0.46 170 iPg 52 21.23 -0.4
 IVA 0.84 118 iPg 52 28.13 -0.2
 HCY 0.87 200 iPg 52 28.95 0.1
 TTG 0.88 162 iPg 52 29.18 0.1
 BDV 0.99 183 ePg 52 31.23 0.4
 PVY 1.04 130 iPg 52 32.10 0.2
 iSg 52 47.29
 S.D. = 0.3 on 8 of 8 obs.

? SEP 25, 1992 23h 06m 12.94±6.59s
 27.165 N ±56.8km 33.858 E ±14.8km
 DEPTH = 10.0km (geophysicist)
 EGYPT (553)
 MD 3.8 (HLW).

HOL 2.35 26 eP 06 53.33 1.2
 AYN 2.54 48 eP 06 54.53 -0.4
 MBH 2.75 19 eP 06 57.80 -0.1
 SAGI 3.12 13 eP 07 02.30 -0.9
 KOT 3.28 328 ePn 07 05.50 0.1
 ARVI 3.66 18 eP 07 10.80 0.0
 S.D. = 0.9 on 6 of 6 obs.

* SEP 25, 1992 23h 21m 00.54±0.92s
 5.693 S ±12.7km 141.857 E ±8.8km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

MNDI 1.85 104 iP 21 29.60 -1.1
 WWKK 2.71 41 eP 21 43.10 0.4
 PMG 6.42 125 eP 22 35.00 -0.3
 MTN 12.75 235 eP 24 01.00 -1.3
 0.3s 53.00nm 6.1mb X
 WB2 15.94 207 iPd 24 40.50 -3.6X
 0.3s 12.30nm 4.5mb
 KNA 16.28 231 eP 24 48.00 -0.4
 ASPA 19.44 202 eP 25 28.30 0.8
 0.7s 15.60nm 4.4mb
 Z 18s 0.30um 5.7mszX
 BRS 23.95 155 iPc 26 14.00 1.1
 WARB 25.03 214 eP 26 24.00 0.7
 0.4s 10.00nm 4.8mb
 GEC2 118.69 324 ePKP 39 44.70 -2.4X
 0.5s 0.37nm
 TOL 134.19 323 ePKP 40 28.50 11.6X
 S.D. = 1.1 on 8 of 11 obs.

% SEP 25, 1992 23h 38m 03.42±0.73s
 39.501 N ±6.4km 27.796 E ±7.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EDC 0.85 3 iPg 38 18.30 -1.4
 BNT 0.86 6 iPg 38 19.90 -0.1
 iSg 38 32.90

KCT 0.86 30 iPg 38 18.90 -1.1
 iSg 38 31.90
 IZM 1.18 201 iPn 38 24.50 -0.9
 EZN 1.18 286 ePn 38 26.70 1.3
 YLV 1.61 48 ePn 38 31.90 -0.2
 KHL 1.79 131 ePn 38 34.70 0.1
 ALT 1.85 103 ePn 38 35.20 -0.4
 HRT 1.95 47 ePn 38 37.90 1.0
 EYL 2.10 59 ePn 38 41.00 1.8
 S.D. = 1.2 on 10 of 10 obs.

SEP 25, 1992 23h 53m 18.97±0.53s
 42.375 N ±9.8km 142.746 E ±9.1km
 DEPTH = 33.0km (normal)
 4.5mb (20 obs.)
 HOKKAIDO, JAPAN REGION (224)

MAT 6.80 213 (P) 54 58.00 -1.0
 eS 55 38.00
 BJI 20.10 272 eP 57 51.50 -1.0
 1.0s 11.00nm 4.1mb
 CHG 43.79 251 eP 01 24.50 1.1
 FBA 44.09 35 eP 01 25.20 0.0
 0.8s 6.90nm 4.5mb
 BALM 47.12 40 eP 01 48.45 -1.0
 GUN 47.85 272 P 01 56.72 0.8
 0.4s 38.00nm 5.8mb X
 KKN 48.36 272 P 02 00.22 0.5
 PKI 48.38 271 P 02 00.28 0.2
 DMN 48.59 272 P 02 02.16 0.6
 GKN 48.72 272 P 02 01.88 -0.6
 GBA 62.75 264 P 03 43.00 -0.3
 KAF 64.06 332 iP 03 50.10 -1.2
 0.4s 2.10nm 4.6mb
 NUR 65.74 331 iP 04 01.00 -1.2
 0.4s 7.20nm 5.1mb
 HFS 69.65 336 eP 04 25.20 -1.5
 0.4s 5.20nm 4.9mb
 NB2 69.67 337 P 04 25.90 -0.9
 0.6s 2.70nm 4.5mb
 TNP 71.91 55 eP 04 40.52 -0.5
 0.5s 1.27nm 4.2mb
 PV10 76.52 50 eP 05 09.00 1.3
 PRU 77.46 329 eP 05 13.00 0.7
 EKA 78.44 341 Pc 05 17.90 0.3
 0.6s 2.00nm 4.3mb
 GEC2 78.71 328 ePc 05 19.20 -0.2
 0.9s 1.18nm 3.9mb
 CDF 81.44 332 eP 05 34.50 0.6
 HAU 82.11 332 eP 05 37.00 -0.3
 0.7s 1.85nm 4.2mb
 LOR 83.60 333 eP 05 44.80 -0.2
 0.8s 3.65nm 4.6mb
 LBF 83.81 333 eP 05 45.70 -0.4
 0.9s 3.10nm 4.5mb
 SSF 83.90 333 eP 05 46.30 -0.2
 0.9s 3.30nm 4.5mb
 LPL 84.11 331 eP 05 48.70 0.8
 LPG 84.12 331 eP 05 48.80 0.8
 0.5s 1.15nm 4.3mb
 SMF 84.15 333 eP 05 47.70 -0.1
 0.8s 2.55nm 4.4mb
 AVF 84.18 333 iPc 05 48.00 0.1
 0.7s 4.30nm 4.7mb
 LPF 84.46 337 eP 05 49.40 0.1
 MAF 84.94 333 iPc 05 52.40 0.6
 0.5s 2.40nm 4.6mb
 LSF 85.26 334 iPc 05 53.50 0.1
 0.7s 3.65nm 4.7mb
 MFF 85.47 335 eP 05 55.00 0.6
 CAF 86.25 333 eP 05 59.40 1.0
 0.8s 5.10nm 4.8mb
 LPO 86.76 334 eP 06 01.60 0.8
 0.6s 3.00nm 4.7mb
 S.D. = 0.8 on 35 of 35 obs.

* SEP 25, 1992 23h 57m 11.60±1.16s
 6.159 S ±17.2km 142.193 E ±18.7km
 DEPTH = 33.0km (normal)
 4.4mb (2 obs.)
 NEW GUINEA, PAPUA NEW GUINEA (202)

MNDI 1.46 90 iPd 57 36.00 -0.1
 iS 57 59.00
 WWKK 2.89 30 eP 57 56.40 -0.1
 WB2 15.68 208 iPc 00 50.00 -1.8
 0.2s 8.60nm 4.6mb

ASPA 19.15 204 eP 01 36.50 1.4
 0.6s 11.10nm 4.3mb
 WARB 24.84 215 eP 02 33.00 0.5
 S.D. = 1.7 on 5 of 5 obs.

? SEP 26, 1992 01h 09m 57.23±3.77s
 28.286 N ±34.5km 33.800 E ±12.1km
 DEPTH = 10.0km (geophysicist)
 3.6mb (1 obs.)

EGYPT (553)
 MD 4.0 (HLW).

MBH 1.76 32 eP 10 27.80 -0.2
 KOT 2.38 314 ePn 10 37.00 0.1
 ePb 10 40.00
 ePg 10 43.25
 HLW 2.66 307 ePn- 10 40.50 -0.4
 ePb 10 46.00
 ePg 10 54.00
 eSn 11 17.50
 eSb 11 24.00
 eSg 11 34.00
 MKT 2.90 24 eP 10 44.10 -0.3
 eS 11 26.00
 ZNT 4.08 15 eP 11 01.50 0.5
 eS 11 56.00
 BHL 5.82 15 P 11 17.00 -8.8X
 S 13 20.00
 CSS 6.67 357 eP 11 37.00 -0.7
 PPCY 6.69 350 eP 11 38.50 0.5
 GEC2 25.71 328 eP 15 29.50 0.3
 0.7s 1.03nm 3.6mb
 e 15 35.90
 S.D. = 0.5 on 8 of 9 obs.

SEP 26, 1992 01h 14m 21.18±0.70s
 39.843 N ±8.5km 24.463 E ±4.8km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.5 (THE).

PAIG 0.61 278 ePg 14 33.54 0.1
 eSg 14 43.66
 SOH 1.29 319 ePb 14 45.30 0.1
 eSb 15 01.94
 THE 1.39 305 ePb 14 46.48 -0.1
 eSb 15 06.66
 EZN 1.43 90 ePn 14 47.50 0.3
 SRS 1.44 333 ePb 14 46.98 -0.3
 eSb 15 04.66
 LIT 1.54 280 ePb 14 48.82 0.1
 eSb 15 08.46
 ALN 1.60 48 ePb 14 49.30 -0.3
 eSb 15 09.50
 AGG 1.84 244 ePb 14 52.82 -0.3
 eSb 15 18.02
 GRG 1.93 306 ePb 14 54.70 0.3
 eSb 15 19.70
 VAY 2.06 316 ePn 15 01.40 5.1X
 S.D. = 0.3 on 9 of 10 obs.

? SEP 26, 1992 01h 42m 25.45±4.07s
 27.734 N ±36.2km 34.032 E ±12.1km
 DEPTH = 10.0km (geophysicist)
 RED SEA (554)
 MD 3.9 (HLW).

HQL 1.77 30 iP 42 56.67 0.3
 eS 43 01.33
 AYN 2.07 56 eP 43 00.67 0.0
 MBH 2.16 20 eP 43 03.20 1.1
 SAGI 2.54 12 eP 43 06.80 -0.6
 eS 43 36.00
 RMN 2.80 11 eP 43 11.00 -0.2
 KOT 2.92 319 ePn 43 13.00 0.3
 eSn 43 47.90
 S.D. = 0.8 on 6 of 6 obs.

% SEP 26, 1992 01h 53m 26.78±0.95s
 39.425 N ±7.6km 28.018 E ±11.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

KCT 0.86 17 iPg 53 44.00 0.6

26d 01h

iSg 53 56.50
EDC 0.93 353 iPg 53 44.40 -0.1
eSg 53 56.40
BNT 0.93 355 iPn 53 44.50 -0.1
IZM 1.18 210 iPn 53 49.00 0.1
EZM 1.37 288 ePn 53 51.70 -0.1
YLV 1.54 42 ePn 53 54.00 -0.4
S.D. = 0.4 on 6 of 6 obs.

? SEP 26, 1992 01h 58m 22.45 ± 8.48s
29.841 S ± 51.9km 72.473 W ± 53.5km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 4.2 (SAN).

TLL 1.48 103 iP 58 49.40 0.0
JACH 3.26 151 iPd 59 14.73 0.0
ROCH 3.36 159 iP+ 59 16.26 0.0
iS 59 47.84
iS 59 20.04 0.1
iS 59 55.15
ZON 3.68 118 eP 59 25.50 4.8X
LCCH 3.70 168 iP+ 59 21.19 0.2
iS 59 55.89
FCH 3.94 152 iP 59 24.60 0.0
iS 00 04.18
TACH 4.02 161 iPd 59 25.68 0.3
iS 00 03.27
PCH 4.12 157 iP 59 26.61 -0.3
iS 00 07.51
LNV 4.20 168 iP 59 27.60 -0.3
MDZ 4.34 135 eP 59 33.10 3.1X
iS 00 26.90
CHCH 4.36 160 iPd 59 30.32 0.0
iS 00 11.70
S.D. = 0.2 on 10 of 12 obs.

% SEP 26, 1992 02h 12m 38.59 ± 1.09s
32.946 S ± 10.2km 70.259 W ± 15.6km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

FCH 0.38 184 iPd 12 54.09 -0.1
iS 13 06.73
JACH 0.39 313 iP 12 53.82 -0.1
iS 13 05.98
PEL 0.41 241 iPd 12 54.14 0.1
iS 13 06.58
ROCH 0.63 267 iP+ 12 56.05 0.1
iS 13 10.13
PCH 0.71 198 iPd 12 56.58 0.2
iS 13 11.02
TACH 0.91 219 iP+ 12 58.46 0.2
iS 13 14.14
CHCH 1.04 198 iP+ 12 59.79 0.0
iS 13 17.02
CACH 1.20 194 eP 13 01.78 0.0
iS 13 21.56
LCCH 1.22 244 iPd 13 01.92 0.1
iS 13 20.45
LNV 1.39 223 iP+ 13 03.35 -0.5
iS 13 22.78
S.D. = 0.2 on 10 of 10 obs.

& SEP 26, 1992 02h 16m 31.59s
37.359 N 118.378 W
DEPTH = 12.2km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 3.2 (GM).

MEMM 0.54 305 iPc 16 42.44 -0.1
BONR 0.60 6 iPd 16 43.47 -0.2
TNP 1.17 52 iPc 16 53.85 0.5
ISA 1.69 183 eP 17 02.17 1.0
KVN 1.70 7 ePd 17 03.46 2.1
CMB 1.73 294 eP 17 02.43 0.8
TPNV 1.75 103 ePn 17 02.69 0.6
iPg 17 04.30
PHAM 2.23 228 (P) 17 10.21 1.4
GSC 2.41 148 (P) 17 11.24 -0.3
BCH 2.57 213 (P) 17 14.79 1.0
ABL 2.59 196 (P) 17 16.58 2.3
11 obs. associated

SEP 26, 1992 02h 16m 59.39 ± 0.85s
31.762 S ± 8.0km 67.803 W ± 7.1km

DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.40 292 iPd 17 07.50 -0.2
S 17 12.30
RTLL 0.71 307 iPd 17 13.20 -0.3
RTCB 0.89 288 eP 17 19.90 3.3X
MDZ 1.43 218 eP 17 23.80 -1.6
iS 17 42.80
JACH 2.54 248 iP 17 42.70 1.3
iS 18 15.66
FCH 2.62 233 iPd 17 42.98 0.2
(S) 18 17.97
TCA 2.77 82 e(P) 17 44.90 0.1
i 17 50.00
(S) 18 18.50
PEL 2.80 240 iP 17 44.86 -0.2
iS 18 22.84
PCH 2.94 230 iP 17 47.92 0.8
iS 18 27.33
ROCH 2.97 245 iPd 17 47.52 -0.1
iS 18 27.32
CHCH 3.23 227 iP 17 51.98 0.8
(S) 18 35.59
TACH 3.25 234 iP 17 50.48 -0.9
CACH 3.32 224 eP 17 54.06 1.5X
iS 18 37.07
LNV 3.74 233 eP 17 56.46 -1.9X
S.D. = 0.9 on 11 of 14 obs.

SEP 26, 1992 02h 26m 13.56 ± 0.88s
34.972 N ± 9.5km 34.711 E ± 7.7km
DEPTH = 10.0km (geophysicist)
CYPRUS REGION (372)
ML 3.5 (CSS).

FAM 0.58 273 ePc 26 26.50 1.2
eS 26 34.80
CSS 1.13 270 ePd 26 34.40 -0.4
eS 26 49.00
BHL 1.32 144 Pg 26 38.00 0.0
Sg 26 54.00
PPCY 1.95 268 eP 26 46.30 -0.6
eS 27 09.70
ADAT 2.15 14 eP 26 50.30 0.4
BCK 4.16 308 ePn 27 17.30 -1.2
ELL 4.28 296 eP 27 21.00 0.6
S.D. = 1.0 on 7 of 7 obs.

SEP 26, 1992 02h 40m 37.09 ± 0.43s
42.100 N ± 4.5km 19.772 E ± 3.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.9 (TTG).

ULC 0.41 251 iPg 40 45.38 -0.1
iSg 40 52.18
TTG 0.50 311 iPg 40 47.38 0.1
iSg 40 56.24
PVY 0.52 17 iPg 40 47.71 0.1
iSg 40 56.79
BDV 0.72 285 iPg 40 51.23 -0.1
iSg 41 01.66
IVA 0.78 7 iPg 40 52.50 0.2
iSg 41 05.24
NKY 0.91 321 iPg 40 54.31 -0.3
iSg 41 09.31
HCY 1.01 291 iPg 40 56.19 0.0
iSg 41 11.64
BRY 1.21 312 iPg 40 59.61 -0.1
iSg 41 18.64
SKO 1.25 95 ePg 40 58.50 -1.8
iSg 41 16.00
OHR 1.25 142 iPg 40 59.70 -0.7
iSg 41 17.50
PLE 1.26 347 iPg 41 00.78 0.2
iSg 41 19.96
FNA 1.78 137 eP 41 09.00 0.8
VAY 2.24 109 iPn 41 17.40 2.7X
GRG 2.28 119 eP 41 16.20 0.8
eS 41 47.20
SRS 3.03 108 eP 41 26.90 1.0
VBY 4.72 318 ePn 41 52.00 2.0X
eSn 42 44.50
S.D. = 0.7 on 14 of 16 obs.

& SEP 26, 1992 03h 00m 56.30s

-66.149 N 149.445 W
DEPTH = 24.4km
NORTHERN ALASKA (676)
<AEIC>. ML 2.8 (AEIC).

MLY 1.25 206 eP 01 17.37 -0.9
S 01 33.85
FBA 1.43 151 P 01 20.50 -0.3
S 01 38.60
GLM 1.45 143 eP 01 20.56 -0.6
eS 01 38.97
NEA 1.59 174 eP 01 23.75 0.6
S 01 44.32
CCB 1.66 155 eP 01 24.61 0.5
S 01 44.73
IMA 1.73 269 P 01 26.30 1.0
FYU 1.75 74 eP 01 25.05 -0.4
S 01 47.03
WRH 1.78 161 eP 01 26.38 0.5
S 01 48.67
HDA 2.04 148 eP 01 31.01 1.3
DJE 2.66 141 eP 01 40.23 1.7
TRF 2.73 188 eP 01 42.48 2.8
TTA 4.30 224 e(P) 02 09.90 8.1
e 02 17.10
TOA 4.31 159 e(P) 02 00.60 -1.3
PMR 4.58 178 (P) 02 10.29 4.6
PMS 4.92 181 e(P) 02 16.30 5.7
KLU 4.93 160 (P) 02 09.59 -1.1
16 obs. associated

SEP 26, 1992 03h 12m 32.60 ± 0.31s
44.468 N ± 2.4km 7.307 E ± 3.6km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.3 (GEN), 2.2 (LDG).

PZZ 0.15 284 P 12 36.48 0.2
S 12 38.73
STV 0.22 177 P 12 37.71 0.2
S 12 40.78
ENR 0.25 161 P 12 38.18 0.1
S 12 41.62
BHB 0.37 355 P 12 40.01 -0.3
S 12 45.39
ROB 0.44 113 P 12 41.81 0.2
S 12 48.58
RRL 0.59 321 P 12 44.27 -0.4
S 12 51.65
SBF 0.61 171 Pg 12 44.90 -0.1
Sg 12 51.90
RSP 0.68 357 P 12 45.71 -0.5
S 12 54.86
IMI 0.70 143 P 12 45.91 -0.5
S 12 55.14
PCP 0.89 85 P 12 49.91 0.2
S 13 02.18
FRF 1.02 208 Pg 12 52.00 0.0
Sg 13 04.00
LPG 1.10 339 Pg 12 54.10 0.6
Sg 13 07.80
LPL 1.12 339 Pg 12 54.10 0.3
Sg 13 08.60
LRG 1.22 214 Pg 12 55.40 0.1
Sg 13 11.50
LMR 1.27 207 Pg 12 55.90 -0.3
Sg 13 11.70
S.D. = 0.4 on 15 of 15 obs.

? SEP 26, 1992 04h 09m 00.84 ± 4.45s
15.131 S ± 43.3km 167.486 E ± 20.0km
DEPTH = 140.6 ± 41.9 km
4.7mb (2 obs.)
VANUATU ISLANDS (186)

BKM 2.63 164 iPc 09 44.30 0.7
iS 10 19.20
DZM 6.97 188 iPd 10 40.30 -1.5
iS 12 01.00
BRS 18.33 226 iPc 13 08.70 1.6
CTA 20.82 253 eP 13 34.00 -1.1
STKA 28.89 230 iPc 14 49.20 0.6
WB2 31.92 257 iPc 15 13.90 -1.3
0.7s 4.10nm 4.3mb
ASPA 32.73 250 eP 15 21.00 -1.3
0.5s 17.00nm 5.1mb
NB2 131.06 345 PKP 27 56.80 -0.3

26d 04h

GEC2 0.7s 1.00nm —	DMN 14.49 126 P 36 30.16 0.6	— 0.2s 2.40nm 4.8mb
CDF 140.09 333 ePKP 28 09.60 -4.9X	0.3s 44.00nm 5.2mb	HFS 65.90 1 eP 55 19.60 -0.1
HAU 143.70 338 ePKP 28 17.60 -2.0	14.71 125 P 36 32.66 0.2	0.3s 9.30nm 5.2mb
VAI 143.70 338 ePKP 28 19.80 -0.9	0.5s 64.00nm 5.2mb	GEC2 77.21 1 eP 56 28.20 0.9
SFI 144.52 334 PKPd 28 22.00 -0.1	GUN 14.80 123 P 36 33.60 0.0	0.7s 0.74nm 3.6mb
FLN 144.59 329 PKP 28 23.40 1.2X	0.4s 50.00nm 5.2mb	e 56 46.20
0.9s 19.00nm	ARU 21.50 340 eP 37 48.00 0.5	BUL 144.30 337 iPKPc 04 08.60 -0.4
LDF 145.11 346 ePKP 28 23.60 0.6	UER 21.55 40 eP 37 46.00 -2.0	0.6s 5.00nm
1.0s 21.20nm	1.0s 19.00nm 4.5mb	S.D. = 0.5 on 8 of 8 obs.
LOR 145.18 340 iPKPc 28 24.30 1.1	BRG 42.96 308 i(P) 40 56.40 1.1	SEP 26, 1992 05h 31m 09.04 ± 0.83s
0.7s 9.80nm	HFS 43.22 322 eP 40 57.00 -0.3	47.734 N ± 7.3km 15.749 E ± 8.5km
LBF 145.39 340 ePKP 28 25.00 1.4X	GEC2 0.4s 7.80nm 4.7mb	DEPTH = 10.0km (geophysicist)
1.1s 19.55nm	0.5s 0.40nm 3.3mb X	AUSTRIA (546)
GRR 145.47 346 iPKPc 28 25.10 1.5X	NB2 44.52 323 P 41 06.50 -1.3	Felt at Kapellen.
0.8s 21.35nm	0.5s 1.00nm 3.7mb	VKA 0.65 36 ePg 31 22.50 0.4
SSF 145.48 341 iPKPc 28 25.50 1.8X	BSF 48.01 305 iPd 41 35.60 0.2	eSg 31 33.50
0.8s 22.05nm	0.6s 5.30nm 4.4mb	ZST 1.02 63 e(Pn) 31 27.90 -0.4
LSD 145.52 335 PKP 28 25.89 1.7X	HAU 48.27 305 eP 41 37.50 0.2	i 31 29.50
LPL 145.64 336 ePKP 28 26.40 2.1X	LPG 48.56 302 eP 41 41.20 1.3	i 31 45.50
1.0s 12.40nm	LPL 48.57 302 eP 41 41.50 1.6	VRAC 1.67 19 iPn 31 38.70 0.2
LPG 145.65 336 iPKPc 28 26.40 1.9X	SMF 50.24 304 iPd 41 52.40 0.0	0.3s 4.80nm
0.7s 6.70nm	0.7s 6.15nm 4.4mb	PTJ 1.84 175 ePn 31 41.10 0.1
PCP 145.67 333 PKP 28 25.48 1.3	AVF 50.53 304 iPd 41 54.50 0.0	iSn 32 05.50
SMF 145.74 340 ePKP 28 25.80 1.6X	0.5s 4.45nm 4.4mb	KHC 2.01 315 ePn 31 43.50 0.1
0.8s 5.50nm	MAF 51.20 304 eP 42 00.00 0.3	ePg 31 49.00
AVF 145.77 340 iPKPc 28 25.90 1.7X	0.7s 4.50nm 4.3mb	eSn 32 08.50
1.1s 10.00nm	TCF 51.42 304 eP 42 01.50 0.1	eSg 32 14.00
LPF 145.85 346 iPKPc 28 26.40 2.1X	0.5s 2.25nm 4.1mb	PRU 2.39 341 eP 31 48.50 -0.4
0.7s 16.20nm	LSF 51.89 304 eP 42 04.60 -0.2	0.3s 7.60nm
RRL 146.11 335 PKP 28 27.02 1.9X	LDF 52.33 307 eP 42 07.50 -0.5	Pg 31 52.80
BGF 146.14 341 iPKPc 28 27.10 2.3X	0.4s 2.20nm 4.3mb	Sn 32 14.70
0.6s 11.55nm	FLN 52.51 307 eP 42 08.80 -0.5	Sg 32 24.20
ROB 146.16 333 PKP 28 26.41 1.4X	EKA 52.52 316 Pc 42 08.70 -0.6	iPg 32 11.00 8.4X
IMI 146.46 333 PKP 28 28.66 3.1X	1.9s 22.50nm 4.6mb	iSg 32 54.00
MAF 146.52 341 iPKPc 28 28.50 3.0X	LFF 52.80 302 eP 42 11.80 0.3	BRG 3.36 340 iPg 32 11.00 8.4X
0.8s 7.10nm	0.4s 2.85nm 4.4mb	GRF 3.58 305 ePg 32 15.20 9.4X
TCF 146.58 341 iPKPc 28 28.50 2.9X	GRR 52.85 307 eP 42 11.30 -0.5	eSg 33 02.00
0.8s 8.85nm	S.D. = 0.9 on 30 of 30 obs.	S.D. = 0.4 on 6 of 8 obs.
LSF 146.82 342 iPKPc 28 29.00 3.1X	SEP 26, 1992 04h 42m 06.50 ± 0.80s	? SEP 26, 1992 05h 34m 16.54 ± 7.46s
0.6s 14.50nm	38.921 N ± 8.2km 26.032 E ± 4.0km	17.214 N ± 38.2km 102.098 W ± 56.1km
MFF 146.96 344 iPKPc 28 29.50 3.4X	DEPTH = 20.6 ± 5.2 km	DEPTH = 33.0km (normal)
0.7s 24.15nm	AEGEAN SEA (365)	NEAR COAST OF MICHOACAN, MEXICO (56)
BCAO 147.66 254 iPKPd 28 31.00 2.8X	MD 3.3 (THE).	ACX 2.17 99 eP 34 51.00 -0.1
0.7s 18.00nm	EZN 0.93 14 iPg 42 22.70 -1.1	iS 35 14.00
LFF 148.24 342 ePKP 28 33.10 4.9X	0.7s 11.70nm	MRX 2.62 19 iP 34 57.50 0.0
0.7s 11.70nm	LPO 148.33 341 iPKPc 28 33.40 5.0X	iS 35 24.00
0.8s 10.90nm	0.8s 10.90nm	III 2.76 65 eP 34 56.00 -3.6X
S.D. = 1.3 on 15 of 37 obs.	0.8s 10.90nm	iS 35 24.50
SEP 26, 1992 04h 16m 23.58 ± 1.10s	EDC 2.01 44 ePn 42 39.40 -0.3	IIT 4.03 63 eP 35 17.00 -0.7
14.827 S ± 23.6km 71.992 W ± 14.8km	BNT 2.04 45 iPn 42 40.90 0.6	IISM 4.82 68 eP 35 29.50 0.8
DEPTH = 120.0km (geophysicist)	PAIG 2.08 300 ePn 42 40.24 -0.6	S.D. = 1.1 on 4 of 5 obs.
4.3mb (1 obs.)	OUR 2.12 312 ePnc 42 41.58 0.2	SEP 26, 1992 05h 45m 50.63 ± 0.16s
CENTRAL PERU (116)	eSn 43 14.46	64.780 N ± 3.3km 17.594 W ± 3.0km
ARE 1.70 164 eP 16 54.00 0.0	KCT 2.23 53 ePn 42 43.90 0.9	DEPTH = 10.0km (geophysicist)
ZOBO 4.00 112 iPc 17 24.60 0.0	SOH 2.80 313 ePn 42 51.18 0.1	5.5mb (113 obs.) 5.4Msz (45 obs.)
LPB 4.12 115 P 17 27.20 1.2	eSn 43 31.18	ICELAND (638)
CNCB 4.34 118 eP 17 30.00 0.9	SRS 2.89 320 ePn 42 50.98 -1.2	CENTROID, MOMENT TENSOR (HRV)
NNA 5.50 300 eP 17 44.50 0.0	eSn 43 35.18	Data Used: GDSN
0.5s 9.15nm 4.3mb	THE 2.92 307 ePn 42 52.06 -0.6	L.P.B.: 25S, 49C
eS 18 46.00	RZN 2.94 340 iPc 42 53.00 -0.2	Centroid Location:
CCH 6.17 115 eP 17 52.00 -2.0	LIT 2.98 294 ePn 42 54.06 0.4	Origin Time 05:45:55.9 0.3
S.D. = 1.4 on 6 of 6 obs.	eSn 43 36.66	Lat 64.60N 0.04 Lon 17.25W 0.07
SEP 26, 1992 04h 33m 10.48 ± 0.68s	YLV 3.06 56 ePn 42 55.00 0.3	Dep 15.0 BDY Half-duration 1.7
36.856 N ± 6.6km 71.879 E ± 5.9km	MMB 3.20 327 iP 42 57.00 0.3	Moment Tensor: Scale 10 ¹⁷ Nm
DEPTH = 155.9 ± 8.8 km	GRG 3.45 307 ePnc 43 01.01 0.7	Mrr = 3.11 0.06 Mtt = -1.99 0.10
4.6mb (17 obs.)	eSn 43 48.46	Mff = -1.12 0.08 Mrt = 1.36 0.26
AFGHANISTAN-TAJIKISTAN BORD REG. (717)	VAY 3.58 313 ePn 43 03.00 0.9	Mrf = 1.73 0.29 Mtf = 0.14 0.06
FRG 3.52 359 iPn 34 06.50 1.2	KKB 3.71 324 iP 43 04.00 0.1	Principal Axes:
eS 34 45.70	S.D. = 0.7 on 18 of 18 obs.	T Val = 4.02 Plg = 67 Azm = 304
PRZ 7.54 40 ePn 34 59.00 0.0	? SEP 26, 1992 04h 44m 43.27 ± 1.71s	N -1.59 12 66
NDI 9.30 150 eP 35 22.80 0.6	54.313 N ± 32.0km 165.193 W ± 12.4km	P -2.43 19 160
eS 37 00.50	DEPTH = 100.0km (geophysicist)	Best Double Couple: Mo = 3.2 × 10 ¹⁷
MAIO 9.98 271 iPc 35 31.00 -0.2	4.6mb (5 obs.)	NP1: Strike = 269 Dip = 28 Slip = 116
eS 37 17.00	FOX ISLANDS, ALEUTIAN ISLANDS (9)	NP2: 60 65 77
ASH 10.82 280 eP 35 40.00 -2.1	SDN 2.91 67 eP 45 28.66 0.2	AKU 0.94 347 iPc 46 06.80 -1.6
1.0s 100.00nm 5.4mb	KLU 12.48 47 eP 47 38.10 -0.3	REY 1.98 253 iP 46 21.70 -2.7
eS 37 37.00	KAF 63.56 354 iP 55 04.30 -0.4	iS 46 52.30
GKN 13.92 126 P 36 22.02 -0.3	0.4s 3.60nm 4.7mb	ELO 10.74 134 eP 48 22.50 -4.9X
0.4s 88.00nm 5.5mb	NB2 64.96 2 P 55 13.90 0.1	EDR 10.74 130 eP 48 23.30 -4.1X
KKN 14.48 125 P 36 28.80 -0.7	0.6s 2.30nm 4.3mb	EDU 10.89 132 eP 48 25.00 -4.5X
0.5s 111.00nm 5.5mb	NUR 65.26 355 eP 55 15.60 0.0	EBH 10.99 135 eP 48 24.40 -6.4X

26d 05h

	0.9s	65.00nm	—	6.0mb	APA	20.28	59	iPd	50	28.80	0.2	—	Z	20s	12.90um	5.4Msz				
ASK	11.30	102	eP	48	16.80	-18.2X	MFF	20.57	144	iPc	50	28.00	-3.7X	N	20s	6.80um				
EDI	11.36	135	eP	48	30.60	-5.2X	CLL	1.3s	198.55nm	5.3mb	—	E	20s	6.40um						
	1.1s	189.00nm		6.3mb				20.79	116	iP	50	30.80	-3.2X							
EKA	11.87	136	Pd	48	38.60	-4.1X		1.6s	305.00nm	5.4mb										
	1.1s	90.20nm		6.0mb			Z	18s	11.00um	5.3Msz										
ESK	11.87	136	eP	48	39.00	-3.7X			eS	54	27.00		LLS	23.04	128	P				
	1.2s	280.00nm		6.4mb			MOX	20.79	119	eP	50	31.40	-2.7X							
GCD	12.05	139	eP	48	40.10	-5.0X		1.6s	413.00nm	5.5mb		GEC2	23.05	119	ePd	50	55.40	-1.3		
DAG	12.06	359	iPc	48	48.20	3.0X		Z	20s	12.00um	5.3Msz		1.1s	27.04nm						
	1.0s	112.00nm		6.1mb			N	20s	11.00um					e	51	04.90				
DCN	12.61	151	eP	48	52.00	-0.7X			eS	54	36.00			e	51	11.30				
LMI	12.79	139	eP	48	49.00	-6.1X	LANF	20.81	127	P	50	32.41	-1.9X	EMS	23.07	132	P	50	58.02	0.9
LOF	12.80	61	eP	48	57.02	1.9X	VITF	20.87	131	P	50	32.74	-2.2X	ERUA	23.21	160	iPc	50	58.29	0.1
DLF	12.82	149	eP	48	54.60	-0.8X	LOR	21.06	136	iPc	50	33.00	-3.8X	DIX	23.22	132	P	50	58.31	-0.3
	1.1s	218.00nm		6.3mb				1.3s	206.50nm	5.3mb			WAR	23.31	104	P+	50	58.00	-1.1	
WME	13.26	143	eP	48	58.50	-2.8X		Z	21s	15.30um	5.4Msz			Z	17s	2.70um				
	1.1s	80.00nm		5.7mb			CDF	21.13	129	P	50	35.72	-1.9X		S	55	10.00			
YRC	13.33	144	eP	48	57.60	-4.5X	SSF	21.14	137	iPc	50	33.90	-3.7X	MMK	23.42	131	P	51	02.05	1.5
VAL	13.43	160	eP	49	01.00	-2.5X		1.2s	187.45nm	5.3mb			LPL	23.51	133	eP	50	59.40	-2.0	
ETA	13.45	149	eP	49	14.50	-10.7X	WLS	21.15	129	P	50	36.00	-1.8X		1.5s	142.60nm				
YLL	13.53	143	eP	49	01.40	-3.4X	HOF	21.16	119	eP	50	35.40	-2.4X	LPG	23.53	133	eP	50	59.70	-2.0
NB2	13.58	93	P	48	59.30	-6.2X	HAU	21.18	131	iPc	50	35.30	-2.7X		1.3s	86.30nm				
	0.7s	2.80nm		4.3mb				1.2s	154.10nm	5.3mb			VDL	23.54	128	P	51	03.26	1.6	
KONO	13.61	100	eP	49	10.00	4.1X		Z	22s	6.65um	5.0Msz		OSS	23.59	127	P	51	01.91	-0.2	
ECB	13.64	151	eP	49	16.10	9.9X	ECH	21.26	129	P	50	37.12	-1.7X	TMA	23.67	129	P	51	12.19	9.3X
NRA0	13.87	94	Pn	49	05.34	-3.9X	LSF	21.33	141	iPc	50	36.00	-3.5X	BHG	23.68	121	iPc	51	03.10	0.4
		Sn	51	34.46				1.5s	251.75nm	5.4mb				1.8s	304.00nm					
ECP	13.90	150	eP	49	15.80	6.2X	AVF	21.34	138	iPc	50	35.90	-3.7X	LSD	23.69	133	P	51	03.10	-0.1
HFS	15.09	93	eP	49	23.00	-2.2X		1.6s	384.35nm	5.5mb			VRAC	23.78	114	iPd	51	03.40	-0.2	
	1.5s	34.30nm		4.5mb			LBF	21.35	136	iPc	50	36.10	-3.7X		3.4s	5217.50nm				
Z	19s	7.85um		4.7Msz				1.5s	278.90nm	5.4mb			RAC	23.80	111	eP	51	05.00	1.2	
		LR	53	17.00			BGF	21.41	139	iPc	50	36.60	-3.8X		SS	55	28.00			
MUD	15.44	110	iPc	49	28.00	-1.7X		1.6s	393.05nm	5.6mb				i	55	32.00				
	1.3s	110.00nm		5.0mb			GRF	21.43	121	iPc	50	38.90	-1.6X	ORO	23.80	131	P	51	05.50	1.4
KTK1	16.33	57	eP	49	47.36	6.3X		1.9s	539.00nm	5.6mb			ECRI	23.81	152	eP	51	05.80	1.7	
KBS	16.54	20	eP	49	47.50	3.8X		Z	22s	8.00um	5.1Msz		VAI	23.85	130	P	51	05.60	1.3	
UPP	16.92	91	iP	49	46.00	-2.6X			eS	54	52.70		KMR	23.86	119	iP+	51	05.20	0.7	
	1.6s	600.00nm		5.5mb			LIBD	21.46	129	P	50	39.25	-1.6X	BNI	23.91	134	P	51	06.50	1.4
		iS	53	06.00			BSF	21.47	131	P	50	39.16	-1.9X	RSP	24.00	133	P	51	05.46	-0.5
ARA0	17.09	55	P	49	51.29	0.6	TCF	21.48	140	iPc	50	37.70	-3.4X	EPF	24.04	146	eP	51	04.00	-2.3X
WIT	17.22	123	eP	49	50.00	-2.4X		1.5s	424.10nm	5.6mb				1.5s	178.65nm					
DBN	17.28	127	iP-	49	51.90	-1.2X	BRG	21.50	115	iP	50	38.30	-2.9X	RRL	24.06	134	P	51	05.15	-1.6
		iS	53	17.00				1.4s	310.00nm	5.5mb			LESF	24.27	145	P	51	10.54	2.0	
COP	17.30	108	ePd-	49	54.30	0.9X			e	54	48.70		BHB	24.28	133	P	51	08.33	-0.3	
	1.3s	292.31nm		5.3mb			MOF	21.57	130	P	50	40.34	-1.7X	OJC	24.34	109	eP	51	07.60	-1.5
		iS	53	21.00			SMF	21.62	137	iPc	50	38.90	-3.5X		Z	12s	4.00um			
KEY	17.59	54	iP	49	59.50	2.6		1.7s	351.45nm	5.5mb				e	51	09.10				
	1.2s	115.60nm		4.9mb			MAF	21.64	140	iPc	50	39.40	-3.3X		e	51	24.00			
Z	20s	11.40um		4.3Msz				1.6s	396.75nm	5.6mb				e	51	34.00				
		eS	53	20.00			FEL	21.84	129	P	50	43.01	-1.8X		eS	55	34.00			
WTS	17.94	124	eP	49	59.50	-1.8X	LOMF	21.91	131	P	50	43.91	-1.5X	SALF	24.50	145	P	51	15.44	4.6X
		e	54	00.00			BBS	22.03	130	P	50	45.39	-1.2X	LSPF	24.50	144	P	51	13.13	2.4
UCC	18.11	130	P	50	01.00	-2.4X	SLE	22.09	128	P	50	46.02	-1.2X	GRBF	24.51	144	P	51	14.21	3.3X
		S	53	31.00			EMON	22.16	160	eP	50	48.57	0.7	VKA	24.52	116	eP	51	12.00	1.1
SNF	18.33	131	iPc	50	04.61	-1.5X	RJF	22.20	142	iPc	50	45.50	-2.8X	PZZ	24.53	134	P	51	09.05	-2.1
FLN	18.48	142	eP	50	04.90	-3.2X		1.6s	472.65nm	5.7mb			DOI	24.58	134	P	51	13.90	2.3	
	1.3s	96.40nm		4.8mb			Z	22s	9.40um	5.2Msz			FVI	24.60	123	P	51	12.60	1.0	
	22s	2.75um		5.0Msz			ZLA	22.31	128	P	50	46.02	-3.4X	CTI	24.67	125	P	51	13.90	1.4
DOMF	18.52	132	P	50	03.44	-5.1X	LFF	22.34	144	iPc	50	47.60	-2.1X	EGRA	24.68	148	eP	51	13.27	0.8
ENN	18.65	128	eP	50	07.00	-3.2X		1.4s	491.40nm	5.8mb			STV	24.84	134	P	51	07.41	-6.7X	
	1.2s	264.00nm		5.3mb			PUL	22.38	80	ePc+	50	50.00	0.1	ZST	24.88	115	iP	51	15.00	0.7
		e	53	45.00				1.8s	400.00nm	5.6mb			ENR	24.88	134	P	51	07.92	-6.6X	
BSD	18.71	106	iPc	50	10.00	-0.8X		Z	18s	6.00um	5.1Msz		CDR	24.88	137	ePd	51	15.30	0.9	
	1.5s	120.00nm		4.9mb			N	18s	3.70um			MNK	24.89	94	eP	51	11.00	-3.3X		
GRR	18.73	143	iPc	50	07.90	-3.2X		E	18s	3.50um				Z	14s	3.70um				
	1.1s	125.05nm		5.0mb					e	51	17.00			E	14s	4.50um				
LDF	18.73	142	iPc	50	06.70	-4.5X	PRU	22.44	116	iP	50	49.80	-0.8X	PCP	24.95	132	P	51	12.02	-3.1X
	1.4s	181.25nm		5.1mb				2.3s	432.00nm	5.5mb			ROB	24.96	133	P	51	10.89	-4.3X	
DOU	18.79	131	P	50	07.30	-4.5X		Z	17s	12.70um	5.4Msz		CKI	24.97	132	P	51	16.30	1.0	
		e	51	15.20				N	20s	7.10um			VVI	24.99	124	P	51	17.70	2.2	
		S	53	42.00				E	16s	7.90um			BOB	25.04	130	P	51	18.00	1.9	
MEM	18.82	128	iPc	50	11.31	-0.8X			e	52	00.00		IMI	25.31	133	P	51	08.74	-9.8X	
LPF	19.01	144	iPc	50	11.30	-3.3X			S	54	59.00		SPC	25.32	110	eP	51	18.20	-0.6	
	1.5s	215.20nm		5.2mb			WET	22.49	119	iPc	50	50.70	-0.5X		5.0s	1.39nm				
KAF	19.51	78	iP	50	18.10	-2.3X		1.5s	150.00nm	5.2mb				e	54	27.00				
	1.3s	108.50nm		5.0mb			Z	19s	12.00um	5.3Msz				LR	00	15.00				
NUR	19.59	83	iP	50	19.40	-1.9X			eS	55	01.00		GUD	25.40	156	iPc	51	19.06	-0.4	
	1.2s	112.80nm		5.0mb			STS	22.53	162	iPc	50	50.58	-1.0X	VOY	25.48	122	eP	51	19.80	-0.4
Z	20s	7.00um		4.8Msz			COLF	22.60	138	P	50	51.05	-1.2X	ETOR	25.62	152	eP	51	22.84	1.3
		eS	53	58.00			CAF	22.70	142	iPc	50	50.50	-2.7X	EPLA	25.65	159	eP	51	20.55	-

		eS	50	00.00		BUC	31.55	109	ePd	52	18.00	3.2X		E	17s	1.80um			
CEY	25.92	122	eLR	58	28.00	CFR	31.76	106	ePc	51	59.00	-17.6X				e	55	13.00	
MME	25.97	129	P	51	22.50	SKO	31.77	117	iP+	52	15.00	-1.7				ePPP	55	54.00	
	2.0s	597.60nm			5.9mb		1.6s	90.00nm			5.4mb					eS	00	02.00	
EROO	26.15	148	eP	51	28.24				e	56	12.00					ePS	00	06.00	
TOL	26.16	156	iPc	51	28.00				eS	57	07.00					eSS	02	51.00	
	1.7s	692.31nm			6.1mb				i	57	32.00					eSSS	03	48.00	
EBR	26.17	148	iS	56	02.00				iSS	58	25.00		MAK	41.68	89	iP+	53	40.40	
			eP	51	28.00	1.5			i	01	28.00		Z	19s		5.00um		5.4Msz	
PSZ	26.20	112	ePc	51	25.40	TDS	31.92	125	P	52	17.30	-0.8	N	19s		4.50um			
			iS	56	01.00	AVE	32.12	164	iP	52	22.00	2.1	E	19s		4.50um			
PTJ	26.35	120	eP	51	26.00	IFR	32.21	160	iPd	52	21.50	0.6				i	55	19.00	
LVV	26.39	104	iP+	51	28.00	OHR	32.27	118	iP	52	19.20	-2.0				iS	00	04.00	
	15s	6.80um			5.3MszX		1.5s	152.00nm			5.7mb		TIK	41.95	15	iPc+	53	43.50	
	N 16s	4.30um				GIB	32.64	130	P	52	25.70	1.2	Z	14s		1.50um		5.0MszX	
	E 14s	4.50um				VAY	32.76	116	eP	52	23.90	-1.5				e	55	20.00	
			iPPP	52	12.00	ATN	32.96	128	P	52	24.20	-3.0X	PPCY	42.17	110	eP	53	48.00	
			iS	56	07.00	GRG	33.01	117	e(P)	52	25.46	-2.1	CSS	42.50	109	eP	53	50.00	
			iSS	56	59.00	SRS	33.33	115	e(P)	52	27.06	-3.3X	MCWV	43.25	266	P	54	00.00	
VBY	26.43	121	ePc	51	26.20	IGT	33.47	120	e(P)	52	29.58	-2.0	Z	20s		1.87um		5.0Msz	
ZAG	26.43	120	eP	51	27.50	SOH	33.49	116	e(P)	52	29.70	-2.1	BHL	44.37	108	P	54	00.00	
FIR	26.52	128	eP	51	29.00	OUR	34.15	115	e(P)	52	36.58	-0.9				S	00	40.00	
			iS	55	14.00	SIM	34.44	100	eP+	52	39.00	-0.9	BAK	44.89	89	eP	54	01.00	
PGD	26.59	128	P	51	31.37		Z 16s		2.60um		5.1MszX		Z	15s		6.08um		5.7MszX	
	1.9s	211.60nm			5.5mb		N 16s		3.40um				N	15s		5.97um			
SFI	26.60	127	P	51	30.20	TIO	34.48	164	iP	52	41.00	0.4				iS	00	42.00	
UZH	26.60	108	eP	51	28.50	AGG	34.66	118	e(P)	52	39.46	-2.5	ADI	44.91	109	eP	54	08.70	
	Z 18s	6.00um			5.2Msz	ANN	35.84	97	eP	52	52.00	0.1	JFWS	45.02	278	(P)	54	08.54	
	N 16s	5.00um					Z 15s		4.00um		5.3MszX			1.1s		20.16nm		5.0mb	
	E 16s	7.50um					E 15s		3.00um			TAB	45.29	94	iP+	54	10.00		
			i	51	33.30				eS	58	37.00		NAV	45.62	265	eP	54	11.55	
			e	52	12.00	ARU	36.11	66	ePc	52	52.00	-2.0	FBA	45.63	333	eP	54	13.90	
			eS	56	00.00		2.0s	380.00nm		5.9mb		IMA	45.65	337	eP	54	14.50		
			eSS	57	14.00		Z 18s		8.00um		5.5Msz			1.3s		181.10nm		5.9mb	
UZD	26.77	115	eP	51	31.00		N 16s		6.00um			JVI	45.97	109	eP	54	15.60		
RSM	26.79	127	Pc	51	34.60		E 16s		3.00um			CEH	46.10	262	P	54	30.00		
CRE	26.89	128	Pc	51	34.80				e	54	15.00		Z	21s		1.31um		4.9Msz	
PGF	26.89	133	eP	51	30.50				e	54	40.00		ILT	46.92	350	iPc	54	23.00	
ARV	27.34	126	P	51	37.00				e	55	22.00		Z	20s		3.20um		5.3Msz	
ASS	27.62	127	P	51	40.40				eS	58	38.00		N	20s		2.70um			
EVIA	27.65	154	eP	51	41.10	NRI	36.48	35	iPc-	52	57.20	0.2				i	56	18.00	
OBN	27.93	84	iPd	51	41.00		1.9s	250.00nm		5.7mb		SAGI	47.19	111	eP	54	24.90		
	1.3s	140.00nm			5.6mb		Z 18s		11.00um		5.7Msz	SES	47.33	300	ePc	54	26.00		
	Z 14s	6.00um			5.3MszX		N 15s		2.90um				1.6s		126.00nm		5.8mb		
	N 14s	3.30um							e	54	17.00		LHS	48.04	263	eP	54	31.58	
	E 14s	5.00um							e	54	38.00		KLK	48.29	330	eP	54	33.44	
			e	52	43.00	SVE	36.61	65	ePd	52	58.00	-0.2	JSC	48.40	263	ePc	54	34.20	
			iS	56	28.00		3.9s	560.00nm		5.7mb X		GBTN	48.47	267	eP	54	34.44		
			eSS	57	44.00		Z 17s		8.00um		5.6MszX	KAT	48.60	84	iP	54	38.50		
MOS	27.94	82	P	51	42.00		N 17s		6.00um							e	55	58.00	
	2.0s	270.00nm			5.7mb		E 17s		3.00um							e	56	27.00	
	Z 16s	5.10um			5.2MszX				ePPP	54	17.60					iS	01	48.00	
	N 14s	2.60um							e	58	44.00					ePS	01	57.00	
	E 14s	3.90um								53	01.34	-0.1				e	05	08.00	
			eS	56	24.00	RSNY	36.98	265	eP				ANM	48.82	342	(P)	54	36.96	
EHOR	27.97	159	eP	51	41.66		1.1s	17.90nm		4.8mb		PMR	48.88	332	iPd	54	38.55		
MNS	28.24	128	P	51	43.20		Z 21s		2.77um		5.0Msz			1.3s		68.27nm		5.5mb	
ELUO	28.38	157	eP	51	46.65	EEO	37.27	271	eP	53	07.00	3.1X	Z	18s		3.84um		5.4Msz	
EHUE	28.43	154	eP	51	47.14	HRV	37.38	260	P	52	58.65	-6.1X				S	01	50.70	
TIM	28.51	113	iPd	51	50.00		Z 18s		4.13um		5.3Msz		TTA	48.94	336	eP	54	39.90	
ECOG	28.78	156	eP	51	49.97				S	59	04.81		PRM	49.04	264	eP	54	39.01	
EPRU	28.81	159	eP	51	48.74	SOC	37.92	96	eP	53	10.00	0.7	FVM	49.18	274	eP	54	39.20	
AZI	28.85	127	P	51	50.00		Z 15s		3.20um		5.2MszX			0.9s		26.72nm		5.3mb	
MAL	29.17	158	eP	51	55.00		N 14s		2.00um					Z	19s		4.01um		5.4Msz
			iS	56	56.00		E 16s		1.00um							S	02	04.01	
EGUA	29.21	157	eP	51	53.83				e	54	35.00					SS	05	39.13	
EJIF	29.28	160	eP	51	54.84				eS	59	07.00		PMS	49.28	332	eP	54	42.00	
GZR	29.41	112	ePd	51	56.00				e	03	26.00			1.3s		162.30nm		5.9mb	
DUI	29.49	126	P	51	55.80	PYA	38.98	92	iP	53	20.00	1.7				i	54	47.10	
RFI	29.65	127	P	51	57.84		2.0s	440.00nm		5.8mb			SIT	49.62	321	P	54	50.00	
	1.6s	288.40nm			5.8mb		Z 22s		6.00um		5.4Msz		Z	20s		3.07um		5.3Msz	
KIS	30.58	103	iPd-	52	05.00		N 22s		3.60um				RSSD	49.76	290	eP	54	44.36	
	2.0s	500.00nm			6.0mb		E 22s		4.20um					0.8s		10.00nm		4.9mb	
	Z 16s	3.80um			5.1MszX				i	54	47.00		Z	21s		2.48um		5.2Msz	
	N 14s	2.60um							iS	59	11.00					S	02	17.35	
	E 16s	3.20um				YKA	39.11	313	eP	53	18.70	-0.4				SS	05	39.32	
			e	53	02.00		1.0s	10.80nm		4.5mb			UKR	50.07	54	iPc	54	44.50	
			e	53	16.00				e	53	35.00	2.9X		1.6s		85.00nm		5.5mb	
			iS	57	10.00	GRO	40.66	90	iPd	53	35.00					e	56	40.00	
			iSS	58	43.00	BRW	41.34	341	eP	53	38.63	1.3	SLKM	50.09	332	eP	54	46.80	
MLR	30.60	108	ePc	51	50.00	ULM	41.53	289	eP	53	44.00	4.9X	ASH	50.54	83	eP	54	51.00	
VRI	30.62	107	ePc	51	50.50	MTA	41.63	93	iP	53	41.20	1.2		1.5s		190.00nm		5.8mb	
SGO	30.76	126	P	52	05.00		1.2s	190.00nm		5.7mb				Z	15s		4.80um		5.6MszX
MBC	31.09	333	eP	52	12.00		Z 17s		1.00um		4.8MszX			N 15s		3.76um			
	1.0s	7.00nm			4.5mb		N 17s		1.50um				E	15s		3.19um			

Star	Filter	Wavelength (Å)	Wavelength (nm)	Wavelength (μm)	Flux (mJy)	Flux (μJy)	Flux (nJy)
CN2	Z	16 s	2.85 μm	5.6 mSz			
	N	17 s	1.74 μm				
	E	13 s	0.69 μm				
		67.96	28 eP	56 51.00	-0.2		
MDJ	Z	1.2 s	23.00 nm	5.2 mb			
	Z	21 s	3.25 μm	5.5 mSz			
	N	17 s	1.61 μm				
	E	17 s	0.56 μm				
BJ1			eS	05 55.00			
		67.96	25 eP	56 50.50	-0.7		
	Z	1.5 s	28.00 nm	5.2 mb			
	Z	32 s	3.19 μm	5.3 mSz			
SNY			S	05 55.00			
		69.42	36 eP	57 02.00	1.7		
	Z	1.8 s	170.00 nm	5.9 mb			
	Z	24 s	2.24 μm	5.3 mSz			
LZH	N	18 s	3.26 μm				
			ePP	59 38.00			
			eS	06 12.00			
		69.46	30 Pc	57 00.00	-0.5		
GKN	Z	28 s	2.33 μm	5.3 mSz			
	N	15 s	1.01 μm				
			eS	06 14.00			
		69.58	48 Pc	57 01.00	-0.6		
PK1	Z	2.0 s	140.00 nm	5.8 mb			
	Z	24 s	2.47 μm	5.4 mSz			
	E	15 s	1.41 μm				
			pP	57 11.00	32 kmX		
DL2			PP	59 36.00			
		70.02	67 P	57 03.52	-0.8		
		70.46	66 P	57 05.14	-2.0		
		70.55	67 P	57 07.34	-0.4		
XAN		70.59	66 P	57 08.56	0.5		
		70.62	40 Pd	57 09.00	1.2		
	Z	17 s	2.88 μm	5.6 mSz			
	N	17 s	3.22 μm				
T/A			PP	59 43.00			
		70.71	66 P	57 09.16	0.4		
		71.00	61 iPc	57 12.60	1.9		
	Z	28 s	2.08 μm	5.2 mSz			
CD2	N	26 s	1.48 μm				
		71.82	32 Pd	57 16.00	1.2		
	Z	20 s	2.45 μm	5.5 mSz			
	N	18 s	4.47 μm				
HYB		73.04	44 P	57 23.20	1.0		
		1.5 s	25.00 nm	5.1 mb			
	Z	24 s	3.73 μm	5.6 mSz			
	E	18 s	2.04 μm				
WHN			sP	57 33.80			
			PP	00 13.00			
		73.28	37 eP	57 20.90	-2.6		
	Z	1.7 s	29.00 nm	5.1 mb			
PDCR	Z	20 s	4.77 μm	5.0 mSz			
	N	15 s	1.75 μm				
			S	06 56.50			
		74.32	50 P	57 31.30	1.6		
BAO		1.6 s	110.00 nm	5.6 mb			
	Z	20 s	2.90 μm	5.6 mSz			
	N	15 s	1.85 μm				
		77.00	77 eP	57 45.50	0.5		
GDF		77.67	37 eP	57 48.00	-0.5		
		77.89	41 Pc	57 50.50	0.8		
		1.5 s	50.00 nm	5.4 mb			
	Z	20 s	3.75 μm	5.7 mSz			
QIZ	E	16 s	2.				

N 17s 2.60um
PP 02 08.00
S 09 14.00
HON 88.92 324 P 59 00.00 13.7X
Z 21s 1.67um 5.4MsZ
ZOBO 89.45 228 eP 58 51.00 1.6
Z 25s 0.80um 5.0MsZ
S 09 16.00
LR 27 56.00
LPB 89.66 228 eP 58 52.00 1.8
Z 20s 1.42um 5.4MsZ
LR 31 40.00
CNCB 89.89 228 eP 58 55.00 3.6X
WB2 131.46 36 ePKP 05 06.00 2.3
0.9s 3.20nm
STKA 144.65 31 ePKP 05 25.70 -2.6
ARMA 144.96 16 ePKP 05 30.50 1.5
1.0s 44.00nm
CMS 145.13 25 ePKP 05 30.00 0.9
1.3s 37.00nm
TOO 150.96 28 ePKP 05 44.00 5.8X
SPA 154.63 180 ePKP 05 43.90 1.3
1.3s 21.67nm
S.D. = 1.2 on 223 of 353 obs.

SEP 26, 1992 06h 42m 42.80 ± 1.28s
15.078 S ± 10.7km 167.284 E ± 4.8km
DEPTH = 129.2 ± 11.6 km
5.0mb (19 obs.)

VANUATU ISLANDS (186)

BKM 2.73 160 iPd 43 26.30 -0.3
iS 44 02.50
PVC 2.82 160 iP 43 28.50 0.8
iS 44 04.30
DZM 7.00 186 iPc 44 23.00 -1.2
iS 45 43.20
BRS 18.23 225 eP 46 48.00 -0.9
PMG 20.45 284 eP 47 13.00 1.0
CTA 20.65 253 iPc 47 15.70 1.6
1.0s 7.50nm 4.0mb
i 47 39.00
RMQ 20.68 234 eP 47 18.00 3.6X
1.1s 49.00nm 4.8mb
ARMA 20.98 221 iPc 47 21.20 3.8X
0.9s 14.00nm 4.4mb
CMS 25.52 227 iPc 48 01.90 0.9
STKA 28.78 230 iPc 48 31.30 0.8
TOO 29.58 217 eP 48 38.00 0.4
0.4s 7.00nm 4.7mb
WB2 31.74 256 iPc 48 55.40 -1.4
0.4s 2.70nm 4.4mb
ASPA 32.57 250 iPc 49 02.90 -1.0
1.0s 10.40nm 4.6mb
WARB 39.46 247 eP 50 02.20 0.1
AFR 41.22 99 iP 50 16.40 -0.2
0.9s 35.00nm 5.1mb
PAE 41.40 100 iP 50 17.80 -0.3
0.9s 35.00nm 5.1mb
PPT 41.41 100 iP 50 18.00 -0.2
0.9s 45.00nm 5.2mb
PPN 41.55 100 iP 50 19.10 -0.2
0.9s 15.00nm 4.7mb
TVO 41.71 100 iP 50 20.60 -0.1
0.9s 60.00nm 5.3mb
PMO 43.22 96 iP 50 34.10 1.1
1.6s 230.00nm 5.6mb
VAH 43.46 96 iP 50 35.10 0.3
1.6s 125.00nm 5.4mb
TPT 43.49 96 iP 50 35.20 0.0
1.6s 126.00nm 5.4mb
RUV 43.70 96 iP 50 37.20 0.4
1.6s 100.00nm 5.3mb
MDJ 68.59 332 eP 53 32.50 -1.1
1.0s 15.00nm 4.8mb
GYA 71.92 305 P 53 54.40 0.1
SPA 75.02 180 iPc 54 11.60 0.0
0.7s 27.34nm 5.1mb
YAK 82.34 343 eP 54 50.70 -0.3
1.2s 55.00nm 5.2mb
Z 17s 1.70um 5.5MsZ
N 20s 1.10um
E 19s 0.90um
GTA 82.92 314 eP 54 55.20 0.6
1.2s 16.00nm 4.8mb
KAF 125.52 339 ePKP 01 28.40 -1.3X
0.5s 2.30nm

BUL 126.38 230 iPKPc 01 33.50 0.6
0.9s 8.40nm
NUR 127.19 338 ePKP 01 31.40 -1.6X
0.4s 5.20nm
NB2 130.96 345 PKP 01 38.40 -1.8
0.5s 1.10nm
GEC2 139.96 333 ePKP 01 49.80 -7.8X
0.8s 0.75nm
e 01 55.20
e 01 57.40
CDF 142.90 338 ePKP 01 59.40 -3.4X
BSF 143.57 338 iPKPc 02 01.30 -2.6X
HAU 143.58 338 iPKPc 02 02.20 -1.7X
0.4s 2.60nm
VAI 144.39 334 PKP 02 03.30 -1.9X
SFI 144.45 329 PKPc 02 04.90 -0.5
CRE 144.61 328 PKP 02 04.40 -1.4
AQU 144.73 326 PKP 02 05.90 -0.1
ORO 144.92 334 PKP 02 04.90 -1.4
FLN 144.94 346 ePKP 02 05.00 -1.1
0.5s 5.85nm
LDF 145.01 345 ePKP 02 05.20 -1.0
1.0s 17.60nm
LOR 145.07 340 iPKPc 02 06.00 -0.4
1.0s 26.20nm
MNS 145.10 326 PKPc 02 05.20 -1.4
LBF 145.28 340 iPKPc 02 06.70 -0.1
1.2s 45.20nm
SSF 145.37 340 iPKPc 02 07.10 0.2
0.9s 46.85nm
GRR 145.37 346 iPKPc 02 06.70 -0.1
1.0s 27.60nm
LSD 145.39 335 PKP 02 07.17 -0.2
LPL 145.52 336 iPKPc 02 08.10 0.6
0.9s 20.15nm
LPG 145.52 336 iPKPc 02 08.20 0.6
0.9s 22.60nm
PCP 145.54 333 PKP 02 07.06 -0.3
RSP 145.60 335 PKP 02 06.65 -0.9
SMF 145.62 340 ePKP 02 07.80 0.4
AVF 145.65 340 ePKP 02 07.60 0.2
1.1s 16.85nm
LPF 145.75 346 ePKP 02 08.10 0.6
0.9s 37.35nm
BHB 145.85 334 PKP 02 05.73 -2.1X
BNI 145.92 335 PKPc 02 09.00 0.9
RRL 145.98 335 PKP 02 08.81 0.5
BGF 146.02 341 iPKPc 02 08.90 0.9
0.6s 14.35nm
ROB 146.03 333 PKP 02 07.88 -0.3
PZZ 146.19 334 PKP 02 07.78 -0.8
ENR 146.28 334 PKP 02 07.47 -1.1X
STV 146.30 334 PKP 02 07.68 -1.0
IMI 146.32 333 PKP 02 08.29 -0.4
MAF 146.41 341 iPKPc 02 10.20 1.5
1.0s 16.00nm
TCF 146.46 341 iPKPc 02 10.20 1.4
1.0s 21.20nm
SBF 146.56 333 ePKP 02 10.10 1.1
LSF 146.71 342 iPKPc 02 10.60 1.5
0.6s 18.60nm
MFF 146.86 344 iPKPc 02 11.20 1.9X
0.8s 35.85nm
PGF 146.86 330 ePKP 02 11.20 1.6
0.8s 21.65nm
FRF 147.14 334 ePKP 02 11.90 2.0X
BCAO 147.49 254 iPKPc 02 11.00 -0.3
0.4s 53.00nm
i 02 14.00
RJF 147.56 341 iPKPc 02 13.40 2.9X
0.5s 5.85nm
CAF 147.72 340 ePKP 02 14.10 3.3X
LFF 148.13 342 iPKPc 02 14.90 3.5X
0.5s 8.95nm
LPO 148.22 341 iPKPc 02 15.20 3.6X
0.5s 9.25nm
S.D. = 0.9 on 60 of 77 obs.

& SEP 26, 1992 06h 47m 53.74s
60.245 N 157.775 W
DEPTH = 15.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.1 (AEIC).

SVW 1.37 50 P 48 15.60 -2.7
BGM 1.54 123 eP 48 19.14 -1.6
PDB 1.86 103 eP 48 23.30 -1.9

MCNL 2.04 120 eP 48 46.57
eS 48 24.54 -3.4
eS 48 51.44
INW 2.33 92 eP 48 29.62 -2.5
S 48 59.15
AUL 2.36 110 eP 48 30.72 -1.7
AUH 2.36 110 eP 48 31.50 -1.0
OPT 2.36 103 eP 48 29.81 -2.7
S 48 59.38
INE 2.36 92 eP 48 31.35 -1.3
S 49 00.12
AUP 2.37 110 eP 48 31.60 -1.1
NCT 2.43 80 eP 48 30.36 -3.1
RDW 2.48 82 eP 48 33.61 -0.7
CDD 2.48 120 eP 48 31.38 -2.8
eS 49 03.60
RED 2.49 84 eP 48 30.87 -3.6
RS1 2.50 83 eP 48 33.25 -1.4
RS2 2.50 83 eP 48 33.59 -1.1
RSO 2.51 83 eP 48 33.65 -1.1
REF 2.53 82 eP 48 31.70 -3.4
DFR 2.55 80 eP 48 32.05 -3.2
RDT 2.68 81 eP 48 33.59 -3.6
TTA 2.82 17 eP 48 35.35 -3.8
BGL 2.83 67 eP 48 35.40 -3.9
CKL 2.84 68 eP 48 36.27 -3.1
BKG 2.84 71 eP 48 35.57 -3.8
SPU 2.96 69 eP 48 38.34 -2.7
NCG 2.99 65 eP 48 38.80 -2.7
CGLM 3.02 67 eP 48 38.11 -3.8
PMS 4.15 72 P 48 56.00 -2.0
28 obs. associated

SEP 26, 1992 07h 39m 21.43 ± 0.32s
36.978 S ± 7.3km 78.298 E ± 7.7km
DEPTH = 10.0km (geophysicist)
5.3mb (24 obs.) 5.6MsZ (22 obs.)

MID-INDIAN RIDGE (429)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 21S, 42C
Centroid Location:
Origin Time 07:39:27.4 0.3
Lat 36.75S 0.06 Lon 78.69E 0.05
Dep 15.0 FIX Half-duration 1.6
Moment Tensor: Scale 10**17 Nm
Mrr= 0.11 0.11 Mtt=-2.87 0.15
Mff= 2.77 0.11 Mrt= 1.34 0.36
Mrf= 1.22 0.34 Mtf= 0.37 0.14
Principal Axes:
T Val= 3.36 Plg=23 Azm=279
N 0.03 57 51
P -3.39 21 179
Best Double Couple: Mo=3.4*10**17
NP1:Strike=318 Dip=58 Slip= 178
NP2: 49 89 32

PAF 13.69 203 eP 42 45.00 7.2X
MAW 31.90 191 eP 45 48.00 -0.7
0.9s 11.00nm 4.8mb
Z 16s 11.00um 5.6MsZ
SEK 43.11 266 eP 47 28.50 4.8X
SLR 43.72 270 iPc 47 23.00 -5.7X
Z 22s 7.41um 5.6MsZ
i 50 03.00
BLF 43.93 265 eP 47 28.50 -1.8
BUL 46.22 277 iPc 47 48.50 -0.2
0.9s 10.50nm 4.8mb
NVL 47.85 204 eP 48 00.00 -0.8
1.4s 44.00nm 5.4mb
Z 20s 2.00um 5.1MsZ
N 18s 1.00um
E 20s 1.50um
ePP 48 05.00 17kmX
e 48 18.00
e 48 44.00
ePP 49 47.00
ePPP 50 34.00
e 52 13.00
e 52 48.00
eS 55 07.00
eScS 57 41.00
ASPA 49.17 91 iPc 48 09.50 -2.1
1.2s 15.20nm 4.9mb
Z 17s 5.30um 5.6MsZ
ePP 50 52.20
eP*P* 16 49.00

26d 07h

GBA	50.31	359	P	48	17.00	-3.2X	pP	51	31.50	21kmX	BATM	144.98	34	ePKP	58	58.92	-0.8		
WRA	51.40	87	P	48	27.39	-1.3	sP	51	35.00		SIT	149.99	37	PKP	59	20.00	12.3X		
	1.4s		2.30nm			3.9mb	S	01	20.00		Z	20s		1.84um			5.9Msz		
WB2	51.41	87	iPd	48	26.90	-1.8	eS	01	31.00		YKA	153.24	13	ePKP	59	14.30	2.0		
	0.6s		6.70nm			4.7mb	eP	51	28.00	0.7		1.0s		5.20nm					
			ePP	51	07.20		(S)	01	26.00		HRV	156.25	293	PKP	59	30.00	13.0X		
STK	51.61	104	P	48	41.29	11.2X	eP	51	30.00	0.5	Z	21s		1.51um			5.8Msz		
STKA	51.62	104	eP	48	30.30	0.1	e	51	39.70		RSNY	158.14	299	PKP	59	30.00	10.7X		
			e	17	10.10			01	32.00		Z	20s		1.37um			5.8Msz		
SNA	52.58	205	iPd	48	37.70	0.8	TLG	79.87	359	eP	Z	22s		1.30um			6.6X		
	1.0s		52.00nm			5.4mb	N	2.5s	35.00nm		MCWV	162.64	286	PKP	59	30.00	5.8X		
SPA	53.21	180	iPd	48	39.80	-2.1X	E	18s	2.30um		Z	21s		2.43um					
	1.1s		30.95nm			5.2mb		18s	1.00um		WDC	163.36	71	PKP	59	40.00	15.2X		
Z	20s		9.01um			5.8Msz			eS	01	Z	22s		1.63um					
			i	04	54.70				ePS	02				1.76um					
NNT	53.27	26	eP	48	42.30	-0.3	TIY	80.74	27	eP	Z	23s		1.76um					
HYB	54.10	0	eP	48	48.50	-0.1	Z	22s		2.35um		ISA	166.41	91	PKP	59	40.00	12.2X	
KHT	54.92	24	eP	48	54.00	-0.7	N	20s		2.85um		Z	19s		2.13um				
POO	55.37	355	iPc	49	12.80	14.9X	WMQ	80.87	7	P	Z	20s		2.46um			5.1Msz		
NST	56.27	26	eP	49	06.00	1.6		1.5s		48.00nm		TPNV	168.36	86	PKP	59	40.00	10.7X	
BDT	57.36	24	eP	49	11.00	-1.1	Z	20s		3.74um		JFWS	169.40	308	PKP	59	40.00	10.5X	
CHG	58.81	23	eP	49	20.70	-1.6	N	20s		3.60um		Z	19s		1.66um				
RMQ	59.62	102	eP	49	29.00	1.0				sP	51	SLM	170.77	284	PKP	59	40.00	9.7X	
CTA	60.86	94	eP	49	37.50	0.9				S	01	Z	18s		0.91um				
BRS	62.31	105	iP	49	48.50	2.2				eP	51	FVM	170.98	280	PKP	59	40.00	9.5X	
QIZ	63.16	34	P	49	48.00	-3.8X	TIA	81.24	31	eP	Z	18s		1.89um			5.1Msz		
			N	18s		2.50um	Z	24s		2.51um		TUC	171.19	119	PKP	59	40.00	9.2X	
NDI	65.32	359	eP	50	04.50	-1.2	N	17s		2.25um		Z	19s		1.51um				
KMI	65.92	24	Pc	50	11.00	1.1				S	01	BW06	171.64	44	(PKP)	59	35.50	4.6X	
	1.9s		50.00nm			5.4mb	BTO	82.50	24	P	51	RSDD	172.65	13	ePKP	59	32.50	1.3	
Z	20s		2.60um			5.4Msz	N	18s		0.21um		Z	21s		1.69um			5.9Msz	
N	15s		1.10um				E	18s		0.74um		SRU	172.72	70	ePKP	59	32.42	1.0	
E	20s		2.30um				ERE	82.82	335	eP	51	MIAR	172.96	252	PKP	59	40.00	8.6X	
LSA	67.41	12	iPc	50	19.00	-0.7				eS	02	Z	19s		1.70um				
	0.5s		9.00nm			5.2mb	HHC	83.24	25	eP	51	ALQ	175.64	116	PKP	59	40.00	7.5X	
Z	21s		5.56um			5.8Msz		1.0s		14.00nm		Z	21s		1.79um				
N	22s		3.75um				Z	20s		2.49um		GOL	176.04	46	PKP	59	40.00	7.5X	
			S	59	17.00		N	18s		1.13um		Z	21s		3.87um				
GYA	68.51	27	iPd	50	26.60	0.4	E	16s		0.99um					S.D. = 1.0 on 54 of 83 obs.				
	1.4s		48.00nm			5.5mb				eS	02								
Z	32s		2.38um			5.2MszX	MTA	84.08	335	eP	51	? SEP 26, 1992 07h 54m 26.40±3.47s							
N	20s		1.51um							e	02	38.426 N ±29.6km							
E	20s		2.90um				BJI	84.17	28	eP	51	22.216 E ±11.0km							
			PP	53	02.00			1.5s		34.00nm		DEPTH = 10.0km (geophysicist)							
			S	59	30.00		Z	20s		1.20um		GREECE					(364)		
BCAO	69.14	293	iPc	50	29.50	-0.7				eS	02	MD 2.5 (THE).							
	1.6s		39.00nm			5.3mb				eSS	07	AGG	0.60	8	ePg	54	38.55	0.0	
			i	50	55.00		GRO	85.27	337	eP	52				eSg	54	48.16		
			i	53	11.10					iS	02	LIT	1.69	7	ePb	54	56.48	0.4	
CD2	71.62	23	P	50	44.60	-0.4	PYA	86.74	335	eP	52				eSb	55	19.64		
Z	24s		1.93um			5.3MszX		1.0s		50.00nm		IGT	1.84	308	ePb	54	58.20	-0.1	
			S	00	03.00		UER	89.25	10	iPc	52				eSb	55	20.60		
MAIO	74.97	344	eP	51	05.00	0.5		1.0s		20.00nm		PAIG	1.88	37	ePb	54	59.32	0.5	
			eS	00	45.00		Z	15s		0.50um		OUR	2.35	35	ePn	55	05.56	0.0	
WHN	75.18	32	eP	51	05.00	-0.7	N	15s		0.83um		FNA	2.44	345	ePn	55	06.76	-0.2	
Z	22s		2.60um			5.5Msz	E	15s		0.75um					eSn	55	37.76		
E	20s		1.97um							eS	02	GRG	2.53	3	ePn	55	09.04	0.8	
KSH	76.09	358	P	51	11.90	1.1				e	03				eSn	55	39.44		
Z	18s		5.50um			5.9Msz	ZAK	89.74	16	eP	52	SOH	2.55	20	ePn	55	07.16	-1.3	
N	14s		1.69um					2.0s		30.00nm					eSn	55	38.76		
E	14s		2.05um				Z	18s		1.03um					S.D. = 0.8 on 8 of 8 obs.				
			pP	51	18.90	22kmX	N	18s		0.90um									
			sP	51	22.00		E	19s		0.83um									
			ePP	54	03.00					eS	02								
			sCS	01	24.00					ePS	04								
XAN	76.20	26	P	51	11.00	-0.5	CIT	93.82	21	eP	52	* SEP 26, 1992 08h 07m 41.81±1.34s							
	0.8s		38.00nm			5.5mb	ARU	94.51	349	eP	52	32.759 S ± 6.7km							
Z	18s		2.25um			5.5Msz		Z	20s		1.50um		72.308 W ±15.4km						
N	14s		0.97um					N	18s		1.00um		DEPTH = 33.0km (normal)						
E	11s		1.16um					E	16s		1.00um		OFF COAST OF CENTRAL CHILE				(134)		
			PP	54	07.00								MD 4.1 (SAN).						
			S	00	58.00		SVE	94.62	350	ePc	52	LCCH	0.95	139	iPd	07	58.07	-0.7	
			SS	05	43.00			2.6s		140.00nm					iS	08	10.59		
LZH	76.46	21	Pd	51	13.00	-0.1		Z	18s		2.00um		ROCH	1.11	101	iPd	08	00.97	-0.4
Z	20s		120.00nm			5.6mb		N	17s		1.00um					iS	08	15.34	
Z	29s		4.02um			5.6MszX		E	17s		0.50um		LNK	1.41	148	iPd	08	04.67	-0.7
N	17s		1.59um								eS		PEL	1.42	106	iPd	08	05.44	-0.1
			pP	51	22.00	29kmX					e					iS	08	24.52	
			PP	54	06.00		SMY	121.65	45	PKP	58	JACH	1.45	87	iPd	08	06.00	0.0	
			eS	00	55.00			Z	19s		3.06um					iS	08	24.23	
ASH	76.80	344	eP	51	15.00	0.3	HON	129.11	92	PKP	58	TACH	1.45	128	iPd	08	06.03	0.0	
	1.5s		120.00nm			5.8mb		Z	19s		1.42um					eS	08	27.16	
GTA	78.55	17	P	51	25.00	0.5	SDN	136.77	46	PKP	59	PCH	1.73	120	iPd	08	10.81	0.7	
	2.0s		80.00nm																

CACH 1.97 134 iS 08 34.38
 08 14.20 0.6
 iS 08 38.51
 TLL 2.89 27 iPd 08 25.20 -1.5
 MDZ 2.91 93 i(P) 08 36.70 9.7X
 CNCB 16.36 15 eP 11 31.00 -0.1
 LPB 16.60 14 eP 11 36.00 1.9
 Z 18s 1.37um
 LR 43 20.00
 ZOBO 16.83 14 P 11 36.80 -0.4
 Z 20s 0.58um
 LR 29 08.00
 S.D. = 0.8 on 15 of 16 obs.

* SEP 26, 1992 08h 07m 58.12±0.58s
 37.081 S ±13.7km 78.109 E ±14.2km
 DEPTH = 10.0km (geophysicist)
 5.0mb (7 obs.)
 MID-INDIAN RIDGE (429)

SLR 43.57 270 iPd 16 02.00 -2.1
 1.3s 38.46nm 5.0mb
 BUL 46.09 277 iPd 16 26.10 1.7
 0.9s 12.60nm 4.9mb
 NVL 47.70 204 eP 16 38.00 1.7
 2.4s 119.00nm 5.6mb
 ASPA 49.32 91 P 16 49.20 -0.3
 1.7s 7.20nm 4.4mb
 WRA 51.56 87 P 17 01.90 -4.7X
 2.1s 1.70nm 3.6mb X
 STK 51.73 104 P 17 19.39 11.7X
 SPA 53.11 180 iPd 17 15.50 -2.3
 1.2s 27.46nm 5.1mb
 Z 20s 9.55um 5.8msz
 CHG 58.96 23 eP 17 59.00 -1.1
 CTA 61.00 94 eP 18 17.50 3.3X
 BRS 62.43 105 e(P) 18 25.00 1.2
 GYA 68.67 27 P 19 03.40 -0.5
 MAIO 75.03 345 eP 19 42.00 0.5
 KSH 76.19 358 eP 19 48.00 0.0
 Z 16s 4.13um 5.8mszX
 E 16s 2.14um
 LZH 76.62 21 Pc 19 51.00 0.4
 2.0s 51.00nm 5.3mb
 Z 27s 2.39um 5.4mszX
 N 15s 0.89um
 pP 19 57.00 19kmX
 sP 20 01.50
 ePP 22 45.00
 eS 29 33.00

GTA 78.70 17 P 20 01.60 -0.4
 1.5s 14.00nm 4.0mb
 sP 20 09.00
 TIY 80.90 27 eP 20 14.00 0.2
 Z 24s 1.38um 5.2mszX
 N 20s 2.07um

BTO 82.66 24 eP 20 23.00 0.1
 HFS 110.30 331 ePd 22 22.30 -7.7X
 0.4s 0.60nm
 SMY 121.83 45 PKP 27 10.00 16.7X
 Z 21s 2.71um 5.9msz
 HON 129.26 92 PKP 27 20.00 11.4X
 Z 20s 0.95um 5.5msz
 SDN 136.95 46 PKP 27 40.00 17.9X
 Z 21s 1.65um 5.7msz

FBA 141.30 29 (PKP) 27 33.20 3.4X
 PMR 141.90 35 PKP 27 40.00 9.0X
 Z 20s 0.84um 5.5msz
 BALM 145.15 34 ePKP 27 37.70 1.0
 SIT 150.17 37 PKP 28 00.00 15.4X
 Z 20s 1.84um 5.9msz

HRV 156.15 293 PKP 28 10.00 16.4X
 Z 19s 1.14um 5.7msz
 RSNY 158.06 298 PKP 28 10.00 14.1X
 Z 21s 0.63um 5.4msz
 CEH 161.63 273 PKP 28 10.00 10.1X
 Z 22s 0.94um
 MCWV 162.53 285 PKP 28 10.00 9.3X
 Z 21s 2.43um

WDC 163.54 71 PKP 28 20.00 18.3X
 Z 20s 1.16um
 CMB 165.30 81 PKP 28 20.00 16.5X
 Z 19s 1.06um
 ISA 166.56 91 PKP 28 20.00 15.4X
 Z 18s 1.30um 5.3mszX

TPNV 168.52 86 PKP 28 20.00 14.0X
 Z 20s 2.46um
 JFWS 169.34 307 PKP 28 20.00 13.9X
 Z 19s 1.11um 5.5msz
 SLM 170.65 283 PKP 28 20.00 13.1X
 Z 20s 0.74um 5.9msz
 FVM 170.85 279 PKP 28 20.00 12.9X
 Z 19s 1.23um
 TUC 171.27 120 PKP 28 20.00 12.4X
 Z 18s 1.31um
 RSSD 172.78 12 PKP 28 20.00 12.0X
 Z 21s 0.99um
 MIAR 172.79 252 PKP 28 20.00 12.0X
 Z 18s 0.89um
 ALQ 175.73 119 PKP 28 20.00 10.8X
 Z 21s 1.22um
 GOL 176.22 45 PKP 28 20.00 10.8X
 Z 21s 1.91um
 S.D. = 1.3 on 15 of 41 obs.

SEP 26, 1992 08h 18m 11.05±0.21s
 42.444 N ±2.6km 19.173 E ±2.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 4.1 (TRI), 3.5 (THE), ML 3.7
 (ZAG), 3.5 (TIR), 3.5 (TTG).
 Felt (V) at Podgorica,
 Yugoslavia.

TTG 0.07 102 iPg 18 14.77 1.4
 iSg 18 17.57
 BDV 0.30 238 iPg 18 18.94 1.6
 iSg 18 24.97
 NKY 0.39 341 iPg 18 19.42 0.3
 iSg 18 25.88

SDA 0.46 148 iPg 18 20.40 0.0
 iSg 18 27.80
 ULC 0.48 173 iPg 18 20.74 -0.1
 iSg 18 28.67
 HCY 0.50 271 iPg 18 21.94 0.8
 iSg 18 31.00

PVY 0.61 75 iPg 18 21.83 -1.6
 iSg 18 29.88
 BRY 0.65 315 iPg 18 24.05 -0.1
 iSg 18 34.97
 IVA 0.68 51 iPg 18 23.23 -1.5
 iSg 18 32.72

PLE 0.90 10 iPg 18 27.90 -0.5
 iSg 18 40.89
 LACI 0.90 153 iPg 18 28.00 -0.3
 iSg 18 41.50
 PHP 1.21 128 ePn 18 31.60 -2.0
 iSn 18 51.60

TIR 1.21 155 iPnc 18 33.00 -0.6
 iSn 18 53.00
 SKO 1.75 105 iPn 18 42.00 0.4
 i 18 47.00
 iSn 19 40.00

BERA 1.83 161 ePn 18 42.80 0.0
 VLO 1.99 173 ePn 18 39.00 -6.1X
 BRT 2.15 224 P 18 47.10 -0.3
 BAI 2.17 233 P 18 47.00 -0.7
 TPE 2.24 163 ePn 18 52.00 3.3X
 FNA 2.34 134 ePn 18 51.90 1.7
 eSn 19 22.42

SRN 2.64 166 ePn 18 54.00 -0.3
 VAY 2.77 113 iPn 18 55.00 -1.3
 GRG 2.84 120 ePn 18 57.30 0.0
 eSn 19 34.90
 KKB 2.96 100 iP 19 09.00 10.0X
 VTS 2.99 86 iPd 19 00.00 0.5
 IGT 3.04 163 ePnc 18 59.25 -0.8
 eSn 19 35.30

THE 3.37 121 ePn 19 05.98 1.2
 LIT 3.42 132 ePn 19 06.74 1.2
 eSn 19 47.94
 SGO 3.46 238 P 19 05.00 -1.0
 MMB 3.50 103 iP 19 07.00 0.4
 TDS 3.51 219 P 19 05.50 -1.3
 SOH 3.53 116 ePn 19 08.10 1.1
 SRS 3.56 110 ePn 19 08.10 0.6
 eSn 19 53.38

MGR 3.57 231 P 19 07.60 0.0
 DUI 3.60 259 P 19 08.70 0.6
 eSn 19 53.00
 PGB 3.69 87 eP 19 09.00 -0.5
 GZR 3.93 40 ePd 19 13.00 0.2

ZAG 4.08 327 e(Pn) 19 16.00 1.2
 iSn 20 08.40
 iSg 20 31.40
 PTJ 4.16 327 iPn 19 15.70 -0.3
 iS 20 15.00
 VBY 4.16 319 iPnd 19 17.00 1.0
 iSn 20 05.10

AGG 4.18 144 ePn 19 15.38 -0.8
 eSn 20 04.14
 OUR 4.19 119 ePn 19 17.18 0.9
 RZN 4.20 99 iPc 19 17.00 0.3
 PAIG 4.23 125 ePn 19 17.30 0.3
 AQU 4.27 271 P 19 18.50 0.8
 eSn 20 10.50

AZI 4.29 266 P 19 19.00 1.3
 eSn 20 08.00
 ARV 4.69 285 P 19 24.00 0.4
 eSn 20 21.00
 CEY 4.75 316 ePn 19 25.00 0.6
 eSn 20 22.00

MNS 4.81 271 P 19 25.50 0.3
 eSn 20 22.00
 ASS 4.84 280 P 19 26.60 0.9
 eSn 20 22.50
 LJU 4.90 319 ePn 19 27.00 0.5
 eSn 20 22.50

SOI 4.98 210 P 19 26.10 -1.4
 TRI 5.08 312 e(Pn) 19 13.30 -15.7X
 e(Pg) 19 27.90
 e 19 52.50
 i(Sg) 20 25.00

ATN 5.13 215 P 19 26.20 -3.6X
 VOY 5.22 315 iPnd 19 30.80 -0.3
 eSn 20 32.20
 CRE 5.42 285 P 19 34.00 0.0
 PSZ 5.50 5 ePn 19 32.20 -2.8X

SFI 5.55 288 P 19 36.50 0.8
 MLR 5.76 56 eP 19 40.00 1.3
 ZST 5.93 346 eP 20 02.20 21.2X
 EZN 6.00 113 ePn 20 31.30 49.3X
 FVI 6.17 314 P 19 43.50 -0.8
 eSg 20 55.00

CTI 6.49 306 P 19 47.20 -1.9
 eSn 21 00.90
 WTTA 7.20 315 eP 19 57.50 -1.6
 PGF 7.52 274 Pn 20 04.60 1.1
 KHC 7.74 332 eP 20 06.00 -0.5
 5.8msz

Z 18s 0.80um
 N 18s 0.50um
 E 18s 0.60um
 e 20 17.50
 e 21 06.40

FRF 9.25 281 Pn 20 24.30 -3.1X
 LPG 9.46 293 Pn 20 29.30 -1.3
 Sn 22 10.00
 LPL 9.48 293 Pn 20 29.30 -1.5
 Sn 22 08.40

CDF 10.27 310 Pn 20 37.60 -3.9X
 Sn 22 25.10
 BSF 10.27 306 Pn 20 38.70 -2.0X
 Sn 22 24.90
 SMF 11.72 296 Pn 20 58.20 -3.0X
 LBF 11.72 298 Pn 20 56.50 -4.8X
 Sn 22 59.20

LOR 11.89 299 Pn 21 00.10 -3.4X
 Sn 23 03.10
 S.D. = 1.0 on 60 of 74 obs.

* SEP 26, 1992 10h 47m 50.15±1.46s
 50.343 N ±21.8km 18.918 E ±5.9km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 ML 3.2 (WAR).

RAC 0.53 241 eP 48 00.00 -0.9
 i 48 00.90
 eS 48 08.00
 OJC 0.58 102 iPg 48 01.40 -0.5
 iSg 48 09.60

SPC 1.44 143 iPn 48 17.00 0.5
 i(Sg) 48 34.40
 i 48 36.30
 Lg 48 39.00
 VRAC 1.83 236 iPnc 48 22.20 0.4
 0.6s 57.40nm
 eSg 48 45.20
 ZST 2.46 210 eP 48 38.80 7.9X

26d 10h

PSZ	2.51	165	ePc	48	36.40	4.7X
SRO	2.56	189	e(P)	48	39.10	6.7X
			e	49	21.40	
			e	49	30.50	
PRU	2.84	264	eP	48	36.50	0.2
	1.0s	13.80nm				
			Pg	48	41.50	
			eSg	49	17.00	
BRG	3.21	281	iPg	48	51.00	9.4X
			iSg	49	33.00	
KHC	3.67	253	eP	48	48.50	0.3
			e	48	57.00	
			eSn	49	30.00	
			Sg	49	45.00	
CLL	3.87	287	ePg	49	03.00	12.0X
			eSg	49	58.00	
	S.D. = 0.8	on	6	of	11	obs.

SEP 26, 1992 11h 13m 52.62±0.55s
 44.898 N ± 3.4km 6.789 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG), 2.3 (GEN).

RRL	0.02	351	P	13	54.83	0.0
			S	13	56.68	
BHB	0.34	99	P	14	00.68	1.0
			S	14	06.52	
RSP	0.42	52	P	14	02.22	1.0
			S	14	09.19	
PZZ	0.45	150	P	14	01.29	-0.6
			S	14	08.67	
LPG	0.60	357	Pg	14	04.40	-0.6
			Sg	14	13.30	
LSD	0.62	25	P	14	05.09	-0.1
			S	14	14.11	
LPL	0.62	356	Pg	14	04.60	-0.7
			Sg	14	13.70	
STV	0.76	149	P	14	07.24	-0.3
			S	14	17.72	
ENR	0.81	146	P	14	07.85	-0.5
			S	14	18.62	
ROB	0.98	128	P	14	11.18	-0.1
FIN	1.23	124	P	14	14.31	-1.1
IMI	1.26	141	P	14	14.69	-1.5
PCP	1.30	105	P	14	17.70	0.9
FRF	1.34	184	Pg	14	17.90	0.6
			Sg	14	34.40	
LRG	1.48	192	Pg	14	20.10	0.9
			Sg	14	39.00	
LMR	1.58	187	Pg	14	21.50	0.8
			Sg	14	41.20	
	S.D. = 0.9	on	16	of	16	obs.

SEP 26, 1992 12h 10m 29.49±0.55s
 39.876 N ± 5.6km 20.501 E ± 4.3km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 ML 3.4 (TIR), MD 3.3 (THE).

IGT	0.37	201	ePg	10	37.08	0.0
			eSg	10	43.94	
SRN	-0.39	271	iPg	10	38.20	0.8
			iSg	10	45.50	
TPE	0.56	318	iPg	10	41.00	0.1
			iSg	10	51.00	
VLO	0.97	308	ePg	10	45.00	-2.9
FNA	1.13	36	ePb	10	50.42	-0.2
			eSb	11	08.26	
OHR	1.25	10	iPn	10	53.00	0.2
			iSn	11	11.30	
LIT	1.54	81	ePb	10	57.66	0.6
			eSb	11	19.14	
TIR	1.55	342	ePn	10	57.20	0.1
			iSn	11	17.20	
AGG	1.65	120	ePb	10	59.74	1.0
			eSb	11	21.98	
PHP	1.81	359	ePn	11	02.30	1.4
			iSn	11	30.80	
GRG	1.81	53	ePb	11	00.94	0.0
			eSb	11	23.98	
LACI	1.86	341	ePn	11	03.60	2.0
THE	2.03	67	ePn	11	03.46	-0.7
SDA	2.30	341	ePn	11	07.20	-0.8
SOH	2.38	66	ePn	11	08.82	-0.3
PAIG	2.45	88	ePn	11	09.02	-1.0
			eSn	11	38.38	

SRS	2.66	61	ePn	11	13.14	-0.1
			eSn	11	44.10	
OUR	2.71	79	ePn	11	13.58	-0.3
KKB	2.79	44	iPc	11	16.00	1.0
ALN	4.36	75	ePn	11	36.34	-0.9
	S.D. = 1.1	on	20	of	20	obs.

? SEP 26, 1992 13h 33m 39.75±5.42s
 33.000 S ±18.8km 72.025 W ±37.3km
 DEPTH = 10.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.6 (SAN).

LCCH	0.61	141	iPd	33	52.09	0.1
			iS	34	00.05	
ROCH	0.85	88	iPd	33	56.32	0.0
			(S)	34	07.78	
LVN	1.08	152	iP+	33	59.56	-0.5
			iS	34	14.93	
TACH	1.12	126	iPd	34	00.50	-0.2
			iS	34	15.20	
PEL	1.13	98	iP+	34	01.22	0.2
			iS	34	16.95	
JACH	1.25	76	iP+	34	02.61	-0.4
			iS	34	19.31	
PCH	1.41	116	iP+	34	05.42	-0.1
			iS	34	25.14	
CHCH	1.48	129	iP	34	06.44	0.0
			iS	34	25.98	
FCH	1.49	103	iP	34	07.16	0.3
			iS	34	26.91	
CACH	1.63	134	eP	34	09.38	0.7
			iS	34	31.76	
	S.D. = 0.4	on	10	of	10	obs.

* SEP 26, 1992 13h 40m 34.13±1.04s
 42.662 N ±12.7km 139.908 E ±18.7km
 DEPTH = 33.0km (normal)
 4.2mb (3 obs.)
 HOKKAIDO, JAPAN REGION (224)

MAT	6.25	193	(P)	42	06.00	-0.5
GUN	45.75	269	P	48	55.00	0.5
KKN	46.26	270	P	48	59.04	0.7
PKI	46.28	269	P	48	59.32	0.6
DMN	46.48	270	P	49	00.52	0.3
GKN	46.61	270	P	49	00.94	-0.2
YKA	59.56	31	eP	50	37.90	1.5
	0.8s	1.80nm			4.3mb	
HFS	68.50	334	eP	51	33.50	-1.3
	0.4s	1.00nm			4.2mb	
NB2	68.57	336	P	51	33.80	-1.5
	0.7s	0.80nm			3.9mb	
	S.D. = 1.1	on	9	of	9	obs.

* SEP 26, 1992 14h 59m 49.44±0.95s
 40.760 N ± 9.9km 21.863 E ± 7.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

FNA	0.37	274	eP	59	56.80	-0.3
			eS	00	02.40	
GRG	0.45	64	ePd	59	59.40	0.7
			eS	00	08.30	
LIT	0.81	144	eP	00	04.80	-0.4
			eS	00	16.80	
OHR	0.88	294	ePg	00	07.60	1.2
			iSg	00	21.80	
SKO	1.25	345	ePn	00	11.50	-1.2
			i	00	32.00	
	S.D. = 1.4	on	5	of	5	obs.

% SEP 26, 1992 15h 15m 43.98±1.30s
 60.428 N ± 7.2km 5.108 E ±14.2km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.0 (BER).

ASK	0.07	38	eP	15	45.50	-0.8
			eS	15	46.64	
EGD	0.17	160	eP	15	47.98	0.2
			eS	15	50.86	
SUE	0.65	345	eP	15	56.75	-0.2
			eS	16	05.67	
HYA	0.91	35	eP	16	01.84	0.5
			eS	16	14.70	
NRA0	3.19	82	Pn	16	34.78	-0.3

			Pg	16	39.85	
			Sg	17	28.05	
	S.D. = 0.7	on	5	of	5	obs.

? SEP 26, 1992 16h 42m 55.57±4.76s
 4.999 S ±32.2km 133.689 E ±44.0km
 DEPTH = 33.0km (normal)
 4.3mb (2 obs.)
 IRIAN JAYA REGION, INDONESIA (196)

AAI	5.63	283	eP	44	19.00	-0.2
MTN	8.20	198	eP	44	55.50	0.3
	0.4s	333.00nm			6.8mb X	
KNA	11.73	204	eP	45	43.00	-0.6
			eS	47	58.00	
WB2	14.87	178	eP	46	20.40	-4.9X
	0.2s	2.90nm			4.3mb	
			e	46	26.70	
			iS	49	06.40	
ASPA	18.56	179	iPc	47	11.70	-0.2
	0.7s	19.50nm			4.4mb	
Z	19s	0.40um				
			eS	50	31.70	
MBL	20.95	219	iPd	47	39.00	0.8
	S.D. = 0.8	on	5	of	6	obs.

* SEP 26, 1992 17h 59m 10.15±0.43s
 7.656 S ±10.9km 106.313 E ±12.5km
 DEPTH = 33.0km (normal)
 4.8mb (7 obs.)
 JAWA, INDONESIA (277)

NANU	17.27	150	eP	03	09.50	-1.0
	0.3s	8.00nm				4.3mb
			eS	06	03.00	
MBL	18.73	137	iPc	03	29.20	0.6
	0.5s	21.00nm				4.6mb
NNT	21.15	342	eP	03	56.60	1.8
MEEK	22.21	150	eP	04	16.00	10.6X
MRWA	23.31	158	eP	04	32.50	16.3X
			eS	08	23.00	
KHT	23.57	341	eP	04	18.30	-0.5
CGP	24.33	49	eP	04	27.00	0.9
MTN	24.95	104	eP	04	33.00	0.8
MAP	25.07	45	eP	04	38.00	4.7X
WARB	26.72	136	eP	04	47.00	-1.6
			e	05	15.00	
CHG	27.29	345	eP	04	52.00	-1.8
WB2	29.78	117	iPd	05	15.40	-1.0
	0.5s	5.50nm				4.6mb
			eS	11	02.30	
GSA	35.61	306	P	06	09.00	2.0
HYB	37.06	312	eP	06	22.50	3.3X
PKI	40.44	331	P	06	47.04	-0.7
GUN	40.50	332	P	06	48.30	0.1
DMN	40.62	330	P	06	48.64	-0.5
KKN	40.69	331	P	06	48.48	-1.1
STKA	40.72	131	iPc	06	49.90	0.3
GKN	41.18	330	P	06	52.96	-0.6
CMS	43.78	128	iPd	07	15.10	0.5
	0.5s	5.00nm				4.6mb
RMQ	44.42	120	eP	07	21.00	1.1
NDI	45.75	323	eP	07	30.00	-0.4
	0.6s	120.00nm				6.0mb X
			eS	14	07.00	
MAIO	61.97	318	eP	09	29.00	-0.6
YAK	71.80	11	eP	10	28.20	-2.9X
	1.3s	41.00nm				5.3mb
OBN	84.88	327	eP	11	44.00	1.3
	0.9s	28.00nm				5.5mb
BCAO	88.39	275	ePd	12	02.10	1.3
	0.6s	6.00nm				5.1mb
LNO	145.37	33	ePKPd	18	46.10	-0.5
TUL	145.37	33	ePKP	18	46.20	-0.6
	1.3s	60.50nm				
Z	10s	0.22um				5.2mszx
			e	34	16.00	
			LR	43	27.00	
VVO	145.83	33	e(PKP)	18	47.70	0.1
CNCB	155.04	193	ePKP	19	05.00	2.5X
ZOBO	155.58	193	ePKP	19	06.00	2.6X
S.D. = 1.1 on 25 of 32 obs.						
<hr/>						
? SEP 26, 1992	17h 59m	59.46±	7.75s			
9.370 S	±60.0km	112.640 E	±82.8km			
DEPTH = 33.0km (norml)						
4.6mb (1 obs.)						

SOUTH OF JAWA, INDONESIA (282)				
NANU	13.41 168 eP	03 09.50	-0.4	
	0.3s 8.00nm	5.1mb X		
MBL	13.62 150 iPc	03 29.20	16.5X	
	0.5s 21.00nm			
MEEK	18.08 163 eP	04 16.00	6.1X	
MTN	18.47 102 eP	04 33.00	18.3X	
MRWA	20.00 171 eP	04 32.50	0.3	
	eS 08 23.00			
WARB	21.35 143 eP	04 47.00	0.8	
	e 05 15.00			
COOL	22.83 161 eP	05 13.00	12.2X	
STKA	34.95 134 iPc	06 49.90	-0.7	
CMS	37.85 130 iPd	07 15.10	0.0	
	0.5s 5.00nm	4.6mb		
RMQ	38.17 121 eP	07 21.00	3.2X	
	S.D. = 0.8 on 5 of 10 obs.			
SEP 26, 1992 20h 03m 41.22±5.26s				
6.466 S ±56.8km 147.975 E ±42.5km				
DEPTH = 71.6 ± 18.7 km				
4.6mb (2 obs.)				
EASTERN NEW GUINEA REG., P.N.G. (207)				
FINC	0.19 218 iPc	03 51.70	-0.4	
LAT	0.99 258 iPd	03 59.80	-0.1	
YYYY	2.01 276 eP	04 13.70	0.0	
PMG	3.03 195 eP	04 32.00	4.2X	
	eS 05 08.00			
MNDI	4.30 274 eP	04 46.00	0.1	
WB2	18.83 223 iPd	07 57.30	-0.9	
	0.2s 8.30nm	4.6mb		
ASPA	21.81 217 iPc	08 30.30	1.2	
	0.3s 9.00nm	4.7mb		
	S.D. = 1.1 on 6 of 7 obs.			
SEP 26, 1992 20h 04m 08.15±3.99s				
39.761 N ±17.3km 19.883 E ±31.7km				
DEPTH = 10.0km (geophysicist)				
GREECE-ALBANIA BORDER REGION (392)				
ML 2.7 (TIR). MD 2.6 (THE).				
SRN	0.15 37 iPg	04 09.70	-1.9	
	iSg 04 12.10			
IGT	0.42 123 ePg	04 14.97	-1.7	
	eSg 04 21.58			
TPE	0.54 10 ePg	04 16.60	-2.5	
VLO	0.77 337 ePg	04 18.10	-5.0X	
BERA	0.94 3 ePg	04 25.90	-0.2	
OHR	1.52 27 ePn	04 36.20	0.8	
FNA	1.53 48 ePb	04 37.26	1.6	
	eSb 04 57.42			
	eSb 04 59.40			
TIR	1.59 360 ePn	04 39.00	2.7X	
	eSn 05 02.00			
PHP	1.97 12 ePn	04 45.10	3.2X	
LIT	2.03 80 ePn	04 43.38	0.5	
	eSn 05 12.14			
AGG	2.03 110 ePn	04 43.82	0.9	
	eSn 05 08.22			
GRG	2.26 57 ePn	04 45.94	-0.3	
	eSn 05 15.70			
SKO	2.50 28 ePn	04 50.50	0.9	
	i 04 54.00			
THE	2.52 69 ePn	04 49.40	-0.3	
VAY	2.57 52 ePn	04 52.50	2.0	
SOH	2.86 67 ePn	04 54.62	-0.1	
PAIG	2.93 86 ePn	04 54.46	-1.1	
	eSn 05 31.62			
	S.D. = 1.5 on 14 of 17 obs.			
SEP 26, 1992 20h 15m 39.33±1.19s				
30.324 N ± 8.1km 138.639 E ± 6.3km				
DEPTH = 428.4 ± 12.1 km				
4.5mb (22 obs.)				
SOUTH OF HONSHU, JAPAN (211)				
MAT	6.21 357 iPc	17 15.50	-0.5	
	0.7s 32.19nm	4.5mb		
	eS 18 28.00			
MDJ	15.96 336 eP	19 02.70	0.4	
	0.8s 15.00nm	4.5mb		
SNY	16.71 317 Pd	19 10.40	0.5	
	0.8s 37.00nm	4.9mb		
NJ2	17.02 281 Pc	19 12.60	-0.5	

CN2	1.0s 620.00nm	6.0mb X		
	17.05 326 eP	19 14.80	1.5	
	0.8s 11.00nm	4.4mb		
TIA	18.91 294 eP	19 31.80	0.1	
BJI	20.72 304 eP	19 49.50	0.4	
	1.2s 33.00nm	4.7mb		
WHN	20.94 277 Pd	19 52.50	1.2	
	1.0s 39.00nm	4.8mb		
TIY	22.89 296 eP	20 10.00	0.5	
BTO	25.37 302 eP	20 30.90	-1.1	
XAN	25.38 286 Pd	20 31.50	-0.6	
	0.8s 39.00nm	4.9mb		
GYA	28.34 270 iPc	20 58.80	0.3	
	1.0s 25.00nm	4.6mb		
LZH	29.57 291 Pd	21 08.50	-0.6	
	1.0s 35.00nm	4.7mb		
	pP 22 25.00	425kmX		
CD2	29.95 280 iPd	21 11.80	-0.6	
	0.6s 63.00nm	5.2mb		
GTA	32.91 297 Pd	21 37.20	-0.5	
	1.2s 21.00nm	4.4mb		
	sP 23 44.00			
LOE	35.96 258 eP	22 04.00	0.7	
CHG	37.70 262 iPd	22 18.00	0.3	
	0.9s 21.01nm	4.5mb		
BDT	38.34 259 eP	22 23.00	0.1	
	0.6s 17.90nm	4.6mb		
KHT	39.85 256 eP	22 36.30	1.0	
NNT	40.03 252 eP	22 37.80	1.1	
WB2	50.15 185 iPc	23 54.70	-0.8	
	0.2s 4.60nm	4.5mb		
TTA	52.29 32 iPc	24 09.38	-1.5	
	0.6s 16.92nm	4.6mb		
ASPA	53.87 185 eP	24 21.70	-0.9	
	0.5s 4.10nm	4.0mb		
CPKM	53.94 34 eP	24 22.15	-0.8	
CRP	53.97 34 eP	24 22.81	-0.4	
HYB	55.87 271 eP	24 36.50	-0.5	
GBA	58.51 268 P	24 54.00	-1.1	
YKA	70.78 28 eP	26 11.20	-1.0	
	0.7s 3.10nm	4.0mb		
KAF	73.21 333 iP	26 25.80	-0.5	
	0.2s 3.20nm	4.6mb		
NUR	74.77 332 eP	26 34.80	-0.3	
	0.3s 5.00nm	4.7mb		
HFS	79.22 335 eP	26 58.40	-0.9	
	0.6s 5.90nm	4.4mb		
NB2	79.45 337 P	26 59.80	-0.8	
	0.7s 3.60nm	4.2mb		
LRM	80.61 42 eP	27 07.80	0.6	
BONR	81.19 51 ePd	27 11.42	1.0	
HVU	82.69 46 eP	27 19.22	1.5	
GSC	83.61 53 eP	27 23.27	0.8	
DAU	84.41 46 iPd	27 27.87	1.3	
MSU	84.92 48 eP	27 30.05	1.0	
SRU	85.62 47 eP	27 32.51	0.1	
GEC2	87.13 327 eP	27 38.70	-0.6	
	0.5s 0.61nm	3.6mb		
	S.D. = 0.9 on 40 of 40 obs.			
SEP 26, 1992 20h 16m 43.44s				
58.317 N 154.139 W				
DEPTH = 5.5km				
ALASKA PENINSULA (12)				
<AEIC>. ML 2.7 (AEIC).				
SLKM	2.97 41 eP	17 29.82	-2.3	
	eS 18 06.70			
SEW	3.00 51 eP	17 29.86	-2.6	
	S 18 05.82			
CKL	3.03 17 eP	17 31.12	-1.8	
SPU	3.06 19 eP	17 31.08	-2.3	
	S 18 08.39			
BGL	3.09 16 eP	17 31.89	-1.9	
CGLM	3.19 19 eP	17 33.08	-2.1	
NCG	3.25 17 eP	17 34.37	-1.8	
MPA	3.27 46 eP	17 34.47	-1.8	
LTJ	3.67 59 eP	17 39.85	-2.1	
MTU	3.74 61 eP	17 40.53	-2.4	
KNIM	3.86 55 eP	17 41.83	-2.9	
KNK	4.22 40 eP	17 46.61	-3.2	
GLI	4.41 51 eP	17 48.56	-3.9	
FID	4.60 55 eP	17 50.74	-4.4	
VLZ	4.86 51 eP	17 55.38	-3.4	
SGAM	5.06 61 eP	17 58.05	-3.7	
KLU	5.22 49 eP	18 00.14	-3.9	
RAGM	5.27 63 eP	18 00.87	-3.8	

GLB	6.07	55	eP	18	12.02	-3.9
WAX	6.15	65	eP	18	12.87	-4.3
BALM	6.57	60	eP	18	18.39	-4.7
CTGM	7.01	62	eP	18	25.63	-3.7
22 obs. associated						

* SEP 26, 1992 20h 32m 28.51± 2.25s						
31.832 S ± 9.7km 68.788 W ±20.3km						
DEPTH = 10.0km (geophysicist)						
SAN JUAN PROVINCE, ARGENTINA (137)						
MD 4.2 (SAN).						

MDZ	1.05	183	iP	32	47.50	-0.9
			iS	33	03.70	
JACH	1.75	241	iPd	32	57.78	-1.4
			(S)	33	26.55	
FCH	1.96	220	iP	33	01.91	-0.5
			(S)	33	28.20	
PEL	2.07	230	iP	33	03.41	-0.4
			iS	33	34.10	
ROCH	2.20	238	iP	33	05.80	0.0
			iS	33	36.92	
SAN	2.26	224	iP	33	07.37	0.8
			iS	33	40.11	
PCH	2.30	219	iPd	33	08.23	1.0
			iS	33	40.30	
TLL	2.40	313	iPd	33	08.80	0.1
			iS	33	39.00	
TACH	2.57	224	iP	33	11.15	0.3
			iS	33	46.45	
CHCH	2.62	216	iP+	33	12.76	1.1
			iS	33	48.01	
CACH	2.74	213	iP	33	14.10	0.6
			iS	33	52.90	
LCCH	2.86	234	iP+	33	14.99	0.0
			iS	33	54.09	
LNV	3.06	225	iP	33	16.78	-1.0
			iS	33	59.88	
S.D. = 0.9 on 13 of 13 obs.						

? SEP 26, 1992 20h 36m 16.82± 1.20s						
11.899 N ±25.0km 86.446 W ±49.7km						
DEPTH = 33.0km (normal)						
4.4mb (2 obs.) 3.8Msz (2 obs.)						
NEAR COAST OF NICARAGUA (74)						

UYO	23.34	343	iPd	41	23.80	0.7
VVO	24.81	342	eP	41	37.20	-0.1
			e	41	39.10	
			e	41	45.40	
TUL	25.36	342	ePc	41	41.90	-0.6
	0.8s	16.90nm				4.7mb
Z	18s	0.17um				3.6Msz
			e	41	44.40	
			e	42	07.40	
			e	46	46.00	
			LR	51	28.00	
LNO	25.36	342	ePc	41	41.90	-0.5
			e	41	45.10	
SIO	25.36	341	eP	41	42.40	-0.2
ZOBO	33.36	147	eP	42	55.00	0.0
	Z 18s	0.24um				4.0Msz
			LR	54	04.00	
EEO	35.18	9	eP	43	13.00	3.2X
ULM	39.02	350	eP	43	43.00	1.1
JAO	42.66	9	eP	44	11.50	-0.4
BAO	46.87	125	e(P)	44	40.00	-6.2X
YKA	54.40	344	eP	45	48.50	5.8X
	0.8s	1.40nm				4.0mb
WB2	140.04	253	iPKPc	55	42.20	-2.4X
	0.9s	2.20nm				
S.D. = 0.7 on 8 of 12 obs.						

SEP 26, 1992 21h 04m 08.61± 0.53s						
43.234 N ± 7.4km 18.087 E ± 7.0km						
DEPTH = 10.0km (geophysicist)						
NORTHWESTERN BALKAN REGION (383)						
ML 2.8 (TTG).						

BRY	0.47	135	iPgc	04	18.00	-0.2
			iSg	04	26.34	
NKY	0.79	122	iPg	04	23.74	-0.3
			iSg	04	36.74	
HCY	0.84	159	iPg	04	24.43	-0.4
			iSg	04	38.04	
PLE	0.96	84	iPg	04	26.49	-0.5
			iSg	04	41.58	

26d 21h

BDV 1.10 150 iPgc 04 29.33 0.1
 iSg 04 46.62
 TTG 1.18 133 iPgD 04 30.17 -0.4
 iSg 04 49.74
 IVA 1.38 105 iPgc 04 34.42 0.5
 iSg 04 55.92
 PVY 1.53 114 iPnd 04 37.39 1.3
 iSn 05 00.30
 ULC 1.53 146 iPnc 04 37.07 1.0
 iSn 05 00.33
 SKD 2.78 116 ePn 04 53.00 -1.0
 e 04 58.00
 OHR 2.93 136 ePn 05 02.80 6.7X
 VBY 3.04 319 ePn 04 58.40 0.7
 iSn 05 36.20
 PTJ 3.07 331 eP 05 30.00 31.9X
 LJU 3.78 319 eP 06 03.50 55.3X
 TRI 3.96 310 ePn 05 09.70 -1.0
 ePg 05 21.30
 eSn 05 55.70
 eSg 06 16.70
 VOY 4.10 315 e(Pn) 05 12.80 0.1
 eSn 06 02.60

S.D. = 0.8 on 13 of 16 obs.

% SEP 26, 1992 21h 22m 38.71± 2.23s
 43.266 N ±15.2km 18.883 E ±11.9km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.4 (TTG).

PLE 0.38 80 iPgD 22 46.59 0.1
 iSg 22 51.55
 BRY 0.44 214 iPgD 22 47.71 0.0
 iSg 22 54.83
 NKY 0.46 169 iPgD 22 48.01 -0.1
 iSg 22 54.53
 IVA 0.84 118 iPgc 22 54.83 -0.2
 iSg 23 06.36
 TTG 0.88 161 iPgD 22 55.89 0.3
 iSg 23 08.25

S.D. = 0.3 on 5 of 5 obs.

% SEP 26, 1992 21h 25m 33.74± 1.91s
 43.246 N ±13.3km 18.909 E ±10.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

PLE 0.36 76 iPgD 25 41.34 0.1
 iSg 25 46.71
 BRY 0.44 218 iPgD 25 42.46 -0.2
 iSg 25 49.59
 NKY 0.44 171 iPgD 25 42.41 -0.3
 iSg 25 49.72
 IVA 0.82 117 iPgD 25 49.43 -0.2
 iSg 26 01.84
 TTG 0.86 162 iPgc 25 50.27 0.1
 iSg 26 03.69
 BDV 0.96 184 iPgc 25 52.64 0.6
 iSg 26 07.27

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

SEP 26, 1992 22h 15m 57.51± 0.13s
 1.289 N ± 3.2km 129.118 E ± 3.9km
 DEPTH = 27.7km (22 depth phases)
 5.9mb (104 obs.) 6.5MsZ (69 obs.)
 HALMAHERA, INDONESIA (267)

Mo=3.2*10**19 Nm (PPT). Complex
 event observed on broadband
 displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=358 Dip=88 Slip= 135
 NP2: 90 45 3

Principal Axes:
 T Plg=32 Azm=304
 P 28 53

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

RADIATED ENERGY

No. of sta: 12 Focal mech. M

Energy 5.9±1.2*10**14 Nm

MOMENT TENSOR SOLUTION

Dep 20 No. of sta: 13
 Moment Tensor: Scale 10**19 Nm
 Mrr=0.13 Mtt=-0.07
 Mff=-0.06 Mrt=-0.08
 Mrf=0.55 Mtf=1.04
 Principal axes:
 T Val= 1.10 Plg=20 Azm=311
 N 0.15 62 176
 P -1.26 18 48
 Best Double Couple:Mo=1.2*10**19
 NP1:Strike= 90 Dip=62 Slip= 2
 NP2: 359 89 152
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 33S, 88C M.W.: 22S, 45C
 Centroid Location:
 Origin Time 22:16: 3.1 0.2
 Lat 1.45N 0.01 Lon 129.38E 0.01
 Dep 32.6 1.0 Half-duration 5.0
 Moment Tensor: Scale 10**18 Nm
 Mrr=-0.74 0.07 Mtt=-1.48 0.06
 Mff= 2.22 0.08 Mrt=-1.23 0.19
 Mrf= 2.31 0.22 Mtf= 7.57 0.07
 Principal Axes:
 T Val= 8.29 Plg= 7 Azm=307
 N -0.09 71 197
 P -8.19 18 39
 Best Double Couple:Mo=8.2*10**18
 NP1:Strike= 82 Dip=72 Slip= -8
 NP2: 174 82 -162

MNI 4.28 272 iPd 17 04.50 2.0
 eS 17 21.50
 AAI 5.03 191 ePc 17 23.20 10.1X
 eS 18 17.00
 BIP 7.46 338 eP 17 43.50 -3.8X
 eS 18 45.00
 CGP 8.37 328 eP 18 01.00 1.0
 eS 19 31.00
 MAP 10.33 331 ePd 18 29.00 2.0
 PLP 10.64 337 ePd 18 28.80 -2.4X
 TSM 11.62 285 ePc 18 45.00 0.3
 1.0s 1739.20nm 7.2mb X
 MTN 14.18 172 eP 19 13.30 -5.4X
 eS 21 46.00
 PGP 14.58 327 ePd 19 27.00 3.1X
 TGY 15.09 328 ePc 19 30.00 -0.5
 WWKK 15.30 109 eP 19 32.40 -1.0
 KNA 16.93 181 iPd 19 51.00 -3.2X
 BCP 17.21 331 eP 19 58.00 0.3
 CVP 17.82 337 ePc 20 08.00 2.7X
 LAT 19.52 114 eP 20 26.20 0.3
 PJG 19.81 51 eP 20 25.50 -3.4X
 pP 20 45.30 107kmX
 GUA 19.81 51 eP 20 25.00 -4.0X
 0.8s 764.18nm 6.1mb
 eS 24 12.50
 FINC 20.29 113 eP 20 35.90 1.9
 PMG 20.88 121 eP 20 40.00 -0.1
 WRA 21.71 167 P 20 45.70 -2.9X
 0.6s 138.20nm 5.6mb
 WB2 21.72 167 iPd 20 46.20 -2.4
 0.8s 384.90nm 5.9mb
 RAB 23.66 103 eP 21 08.00 0.2
 iS 25 36.00
 QIS 24.02 155 iPc 21 10.40 -0.8
 eS 25 32.00
 MBL 24.09 202 eP 21 12.00 0.2
 1.0s 515.00nm 6.0mb
 TATO 24.67 343 ePc 21 16.86 -0.6
 ASPA 25.24 170 iPd 21 22.00 -0.9
 1.5s 1257.60nm 6.3mb
 Z 20s 218.60um 6.7MsZ
 eP 21 30.50 30km
 eS 25 51.50
 HKC 25.45 326 ePc 21 25.20 0.3
 S 26 06.00
 QZH 25.62 337 Pc 21 26.50 0.1
 1.0s 420.00nm 6.0mb
 Z 26s 188.00um 6.5MsZ
 E 20s 118.00um
 S 25 50.00
 MCO 25.65 325 eP 21 27.20 0.4
 KGM 25.80 272 eP 21 29.50 1.3
 1.2s 422.70nm 5.9mb
 QIZ 25.84 314 ePc 21 28.32 -0.2
 1.0s 310.00nm 5.9mb

Z 17s 89.40um 6.4MsZ
 N 16s 72.80um
 GZH 26.53 326 Pd 21 35.00 0.1
 0.9s 130.00nm 5.6mb
 Z 36s -142.00um 6.3MsZ
 N 18s 88.00um
 E 20s 154.00um
 CTA 27.09 143 iPd- 21 39.00 -1.0
 0.9s 210.08nm 5.8mb
 i 22 11.00 154kmX
 eS 26 29.00
 NANU 27.16 208 eP 21 40.70 0.1
 0.5s 72.00nm 5.6mb
 WARB 27.42 185 eP 21 42.00 -1.0
 0.4s 70.00nm 5.7mb
 KLM 27.51 274 eP 21 47.50 3.6X
 IPM 28.24 277 ePd 21 50.90 0.3
 1.0s 139.20nm 5.6mb
 e 22 15.40 113kmX
 SSE 30.58 347 (P) 22 11.06 -0.2
 1.0s 100.00nm 5.6mb
 Z 20s 59.10um 6.2MsZ
 N 12s 26.70um
 E 12s 57.60um
 iS 27 12.00
 SSE 30.58 347 Pd 22 06.00 -5.3X
 1.0s 100.00nm 5.6mb
 Z 20s 59.10um 6.2MsZ
 N 12s 26.70um
 E 12s 37.60um
 iS 27 12.00
 NNT 31.21 292 eP 22 16.20 -0.8
 OLP 31.31 153 iPc 22 17.30 -0.5
 0.8s 620.00nm 6.5mb
 e 23 11.50 275kmX
 LOE 31.33 302 iPc 22 11.00 -7.1X
 FORT 31.91 182 eP 22 21.50 -1.4
 0.6s 86.00nm 5.8mb
 NST 31.96 298 eP 22 24.50 0.9
 NJ2 32.09 343 Pd 22 24.00 -0.5
 1.8s 180.00nm 5.7mb
 N 21s 47.80um
 E 13s 14.80um
 SVO 32.29 109 eP 22 25.00 -1.5
 WHN 32.29 336 Pc 22 26.00 -0.3
 1.0s 400.00nm 6.3mb
 Z 28s 163.00um 6.6MsZ
 E 20s 116.00um
 sP 22 36.50
 sS 27 48.00
 HNR 32.50 110 eP 22 26.00 -2.3
 eS 27 41.00
 MRWA 32.83 201 eP 22 30.00 -1.0
 0.3s 17.00nm 5.4mb
 COOL 32.88 193 eP 22 29.70 -1.8
 0.6s 50.00nm 5.6mb
 KHT 33.00 296 eP 22 31.00 -1.6
 GYA 33.05 321 iPc 22 32.80 -0.3
 1.0s 200.00nm 6.0mb
 Z 20s 76.30um 6.4MsZ
 N 17s 56.50um
 E 17s 72.40um
 PP 23 43.00
 S 27 49.00
 SS 29 46.00
 SHK 33.24 5 eP 22 34.50 0.0
 RMO 33.49 147 iPc 22 35.30 -1.5
 e 22 58.70 103kmX
 BDT 33.59 300 eP 22 36.50 -1.3
 1.0s 110.40nm 5.7mb
 BAL 33.85 199 eP 22 38.50 -1.4
 0.6s 106.00nm 5.9mb
 CHG 34.33 302 ePc 22 43.20 -1.0
 1.4s 401.16nm 6.2mb
 eS 28 28.00
 ENH 34.33 329 ePc 22 43.16 -0.8
 KLB 34.43 197 eP 22 43.70 -1.2
 0.6s 104.00nm 5.9mb
 KMI 34.78 315 ePc 22 48.68 0.4
 1.9s 740.00nm 6.3mb
 Z 20s 80.50um 6.5MsZ
 N 16s 62.80um
 E 16s 22.40um
 pP 22 59.00 36km
 sP 23 04.30
 S 28 17.00
 sS 28 28.00

STKA	35.04	161	iPd	22	48.80	-1.3	CNB	41.04	154	iPd	23	41.10	0.8	-	N	20s	2.38um			
			e	22	57.50	29km		1.3s	477.00nm			6.1mb		E	20s	6.59um				
			eS	28	28.20		T00	41.53	160	eP	23	45.00	0.7			ePPP	28	12.00		
			eP'P'	55	39.30			0.7s	80.00nm			5.6mb				eS	32	32.00		
STK	35.04	161	P	22	49.50	-0.6			iPp	23	54.20	31km				eSSS	37	50.00		
MUN	35.28	199	eP	22	51.30	-0.8	LZH	41.81	329	ePc	23	47.19	0.5	HYB	52.20	291	eP	25	06.50	
	0.8s	97.00nm			5.8mb			2.0s	1850.00nm			6.5mb			1.0s	400.00nm		6.3mb		
MAJO	36.07	12 (P)		22	56.55	-2.3	Z	34s	105.00um			6.5MsZ		GBA	52.56	286	P	25	09.00	
MAT	36.07	12 eP		22	55.00	-3.8X	N	20s	89.00um					ZAK	53.61	340	iPc+	25	18.00	
	0.9s	243.70nm			6.1mb		E	20s	87.90um						2.6s	961.00nm		6.3mb		
		eS		28	32.00				PP	25	27.00				Z	20s	48.40um		6.6MsZ	
CMS	36.25	155	eP	23	00.00	-0.3	CN2	42.45	356	eP	23	52.00	0.3		N	19s	27.81um			
	0.8s	128.00nm			5.9mb			1.0s	83.00nm			5.4mb		E	21s	46.44um				
		i		23	07.40	25km	Z	20s	103.00um			6.7MsZ				eS	32	52.00		
TIA	36.48	344	eP	23	00.90	-1.4	N	12s	19.40um					IRK	54.88	342	ePc+	25	25.00	
	1.1s	70.00nm			5.5mb		E	12s	24.40um						2.4s	577.00nm		6.2mb		
	Z	24s			6.3MsZ				eS	24	04.00			Z	21s	35.64um		6.4MsZ		
	N	13s							ScS	33	51.00			N	21s	25.48um				
	E	14s							eP	23	49.59	-2.2		E	20s	25.74um				
		sP		23	13.50		ERM	42.47	16	eP	23	51.50	-0.5			e	25	37.20		
		S		28	43.00		HHC	42.47	340	Pc	23	51.50	-0.5			e	26	02.30		
BRS	36.49	143	iPc	23	00.50	-1.9		1.0s	170.00nm			5.7mb				ePcP	26	24.00		
	1.2s	88.00nm			5.5mb		Z	26s	103.00um			6.6MsZ				ePP	27	23.00		
		i		23	06.00	19km	N	11s	14.80um							ePPP	29	19.00		
		i		24	25.00		E	14s	13.30um							ePcS	30	32.00		
		i		24	58.50				pP	24	04.00	46kmX				e	32	02.00		
		e		27	42.00				S	30	09.00					iS	33	08.00		
		iS		28	38.00				sS	30	28.00					ePS	33	27.20		
		i		28	42.00		BT0	42.79	338	P	23	53.50	-1.1			e	33	50.00		
		i		28	53.00			0.8s	32.00nm			5.1mb				e	34	26.20		
		iScP		30	17.00		N	18s	41.40um							eScS	35	19.00		
ADE	37.17	167	eP	23	08.20	0.1		E	14s	7.89um						e	35	26.30		
RKG	37.44	197	iPc	23	10.50	0.2	BKM	42.89	118	iPc	23	57.20	1.6			eSS	37	28.00		
XAN	37.67	332	Pc	23	11.00	-1.3	PVC	42.97	118	iPc	24	02.60	6.3X			eSSS	38	57.00		
	1.0s	140.00nm			5.8mb		SAP	43.00	13	eP	24	02.00	5.9X	MOY	55.50	339	ePc	25	31.20	
	Z	22s			6.4MsZ				eS	30	23.00				2.5s	1.00nm		3.4mb X		
	N	19s					MDJ	43.15	0	eP	23	56.46	-0.8	WMO	56.08	325	ePc	25	35.50	
	E	14s						1.3s	250.00nm			5.8mb			1.2s	310.00nm		6.2mb		
		pP		23	18.50	25km	Z	25s	56.80um			6.4MsZ		Z	20s	50.80um		6.6MsZ		
		PP		24	40.00		E	19s	37.80um					N	20s	135.00um				
		S		28	59.00				21.00um							pP	25	48.00		
		ScS		33	18.00		DZM	43.19	125	iPc	23	57.00	-1.1			PP	27	40.00		
CD2	38.01	323	iPc	23	14.30	-0.9	LSA	45.83	312	ePc	24	19.73	0.0			S	33	22.50		
	Z	30s			6.6MsZ			1.0s	433.00nm			6.3mb		NDI	56.45	304	eP	25	37.00	
	E	18s						Z	15s	19.00um		6.1MsZ				eS	33	33.00		
		pP		23	25.50	40kmX		N	16s	46.40um				P00	56.81	291	iP	25	45.00	
DL2	38.06	351	P	23	16.80	1.4		E	16s	16.70um				PET	57.09	21	eP	25	42.50	
	1.0s	130.00nm			5.7mb				pP	24	31.80	44kmX			1.5s	433.00nm		6.3mb		
	Z	20s			6.3MsZ				PP	26	05.00			Z	20s	35.00um		6.5MsZ		
	N	17s					GTA	46.41	328	P	24	22.80	-0.9		N	20s	24.50um			
	E	14s						2.0s	910.00nm			6.4mb		E	20s	19.00um				
		S		29	06.00			Z	20s	60.00um		6.5MsZ		B0D	57.63	351	eP	25	46.10	
ARMA	38.13	148	iPd	23	16.10	-0.2		E	13s	54.50um				UER	58.10	335	iPc	25	49.00	
		e		24	43.30	472kmX				pP	24	31.00	27km			2.8s	670.00nm		6.2mb	
TIY	39.37	339	Pd	23	25.60	-0.9	KUR	46.78	18	eP	24	23.00	-3.4X			Z	13s	25.80um		6.5MsZ
	1.0s	220.00nm			5.9mb			1.0s	250.00nm			6.2mb				N	13s	15.10um		
	Z	24s			6.5MsZ			Z	20s	59.90um		6.5MsZ				E	13s	20.80um		
	N	17s						N	20s	44.10um							e	26	38.00	
	E	17s						E	20s	37.80um							iS	33	50.50	
		pP		23	38.00	46kmX				e	26	19.00	677kmX				e	34	05.00	
BWA	39.88	155	iPd	23	32.40	1.7			iS	31	22.00						e	35	50.00	
		i		23	36.40				ePc	24	27.20	-1.4		MCQ	60.81	161	eP	26	17.10	
		iPp		23	40.00	26km						6.3MsZ		MGD	61.00	12	eP-	26	10.00	
8FD	40.25	163	iPd	23	34.10	0.4									1.3s	750.00nm		6.7mb		
		eS		29	53.00										Z	20s	26.00um		6.4MsZ	
BJI	40.33	345	ePc	23	32.85	-1.4	YSS	47.06	13	ePc	24	27.20	-1.4		N	20s	17.00um			
	1.5s	600.00nm			6.1mb			1.1s	110.00nm			5.8mb		E	20s	21.00um				
	Z	20s			5.4MsZ			Z	18s	29.50um		6.3MsZ				i	26	22.00		
	N	14s						N	18s	19.00um						ePPP	29	50.00		
		ePP		25	08.00			E	18s	15.70um						iS	34	29.00		
		eScS		33	40.00		HIA	48.47	352	ePc	24	39.10	-0.5	PRZ	61.10	319	eP	26	11.00	
RIV	40.62	151	eP	23	43.30	6.5X	GUN	49.08	307	P	24	43.50	-1.6		1.8s	500.00nm		6.3mb		
		ePP		25	24.00		PKI	49.32	306	P	24	45.52	-1.4			eS	34	30.00		
		eS		29	52.00		KKN	49.52	306	P	24	46.70	-1.6							
SNY	40.66	354	Pd	23	36.40	-0.6	DMN	49.58	306	P	24	47.90	-0.9	KSH	61.41	315	P	26	14.00	
	1.2s	130.00nm			5.5mb		GKN	50.12	306	P	24	51.06	-1.8		1.0s	170.00nm		6.1mb		
	Z	22s			6.6MsZ		KOD	52.08	282	eP	25	06.00	-2.1		Z	16s	48.90um		6.8MsZ	
	N	21s							eS	32	32.00			N	16s	16.90um				
	E	15s					CIT	52.19	348	eP	25	09.00	1.0	E	17s	28.60um				
		sP		23	48.00			Z	20s	4.92um		5.5MsZ				pP	26	22.00		
		iS		29	46.00												26km			
		sS		30	00.00															
CAN	40.89	155	iPd	23	39.70	0.7														
		e		23	44.80															
		iPp		23	47.80	27km														

	N	18s	5.50um			
	E	18s	9.00um			
			e	28	39.00	22km
			eS	38	54.00	
			eS	38	58.00	
			ePPS	40	00.00	
PMR	84.94	28	eP	28	31.30	0.2
	1.3s	327.70nm				6.4mb
	Z 20s	1.00um				5.2MszX
			e	28	37.10	18km
ERE	85.06	310	iP+	28	40.00	7.7X
	2.5s	157.00nm				5.8mb
			i	31	55.00	
			iS	39	07.00	
			iPS	39	50.00	
DHJN	85.45	288	eP	28	36.00	1.1
QASM	85.47	296	eP	28	34.00	-0.6
COL	85.90	25	ePd	28	35.03	-0.9
FBA	85.90	25	eP	28	36.49	0.6
	0.8s	20.86nm				5.4mb
KMTA	86.04	288	eP	28	38.00	0.2
ARO	86.09	281	eP+	28	38.50	0.6
ABHA	86.15	288	eP	28	41.33	3.0X
PYA	86.27	314	iPc	28	38.00	-0.2
	Z 20s	14.00um				6.4Msz
	N 20s	15.00um				
	E 20s	9.50um				
			i	28	49.00	35km
			iS	39	00.00	
			iPS	40	06.00	
			iS	44	52.00	
TOA	86.38	28	ePd	28	39.90	1.5
KLU	86.46	29	eP	28	39.23	0.4
BALM	88.17	29	ePc	28	47.68	0.5
SOC	88.69	313	eP	28	44.00	-5.8X
			e	28	51.00	22km
			e	39	17.50	
MOS	89.79	326	eP	28	54.00	-0.7
	1.5s	380.00nm				6.4mb
	Z 21s	34.00um				6.8Msz
	N 20s	9.30um				
	E 20s	27.00um				
			e	39	22.00	
			eS	39	41.00	
AAE	90.15	279	P	29	01.50	3.8X
ANN	90.39	315	eP	28	58.00	0.3
	Z 23s	10.00um				6.2MszX
	N 23s	16.50um				
	E 23s	11.50um				
			e	32	30.00	
			e	39	27.00	
			i	39	56.00	
OBN	90.40	325	eP	28	57.00	-0.6
	1.7s	500.00nm				6.5mb
	Z 25s	34.00um				6.7MszX
	N 18s	15.00um				
	E 25s	21.00um				
			e	32	37.00	
			e	39	27.00	
			iS	39	47.00	
			ePS	40	56.00	
			eSS	45	56.00	
AKKT	90.77	311	eP	29	02.00	2.2
SVST	90.86	310	eP	29	03.20	3.0X
APA	91.04	338	iPd	29	00.00	-0.3
SPA	91.28	180	iPd	29	02.80	1.2
	1.5s	136.36nm				6.1mb
	Z 20s	46.85um				6.9Msz
KVT	91.48	311	iP	29	05.70	2.7X
SIT	91.96	33	P	29	10.78	6.1X
	Z 20s	6.39um				6.1Msz
			S	40	13.81	
			SP	41	42.28	
			SS	46	43.50	
HRI	92.13	303	eP	29	07.90	1.7
BHL	92.17	304	P	29	06.00	-0.3
			PP	32	56.00	
			SKS	39	41.00	
NAI	92.34	269	eP+	29		

			i	39	41.00				e	33	27.00			Z	20s	15.50um		6.5MsZ		
			iS	40	16.00				S	40	12.00					eS	41	58.00		
			ePS	41	28.00		UZH	100.09	320	ePd	diff29	42.00	0.0	CMB	105.23	50 PKP	34	30.00		
KART	92.79	311	eP	29	10.60	1.4			i	29	54.80			Z	18s	13.78um		6.5MsZ		
KEV	92.99	340	iP	29	10.00	0.8			ePPP	36	05.00			CMB	105.23	50 Pd	diff-30	07.53		
	Z	24s							e	40	18.00					PP	34	16.31		
			eSKS	39	40.00				eS	41	08.00					SP	43	29.98		
			eS	41	00.00				iPS	42	45.00			KHC	105.44	322 Pd	diff	30		
			LR	11	28.00				eSS	48	20.00				1.3s	6.60nm		5.4mb		
MBH	93.05	300	eP	29	12.50	2.0			iSSS	52	00.00			Z	20s	17.20um		6.6MsZ		
PUL	93.33	330	eP+	29	12.00	1.0	PGB	100.11	314	iPd	diff29	43.00	0.6	N	20s	6.50um				
	2.0s						BUL	100.31	250	iPd	diff29	47.00	3.2X	E	20s	17.00um				
	Z	18s						0.6s	5.00nm							e	30	15.70		
	N	18s							iP	29	52.30					e	33	24.00		
	E	18s							iS	33	38.00			GEC2	105.47	322 ePKP	34	21.20		
			e	39	44.00		SLR	100.32	244	iPd	diff29	42.10	-1.7		0.8s	2.56nm		1.5		
MBC	93.79	13	eP	29	15.00	2.1		Z	22s		9.26um		6.2MsZ			e	34	25.40		
	1.1s								e	33	06.50					e	34	29.10		
KBS	93.81	350	eP	29	17.20	4.3X	LWI	100.36	268	iPd	diff29	51.00	6.7X			e	34	33.10		
CSS	94.02	305	eP	29	23.00	8.3X	MMB	100.62	313	iPd	diff29	45.00	0.4	GEC2	105.47	322 ePd	diff30	07.60		
SGKT	94.54	311	eP	29	18.70	1.4	YKA	100.70	25	ePd	diff29	44.20	-0.2		1.0s	5.30nm		5.5mb		
PPCY	94.83	305	eP	29	19.00	0.6		1.2s		12.50nm		5.3mb				epP	30	15.10		
KAF	94.85	333	iP	29	17.20	-0.7	SEK	100.73	242	ePd	diff29	47.00	1.4			eSP	30	23.40		
	1.2s							1.0s		20.00nm		5.6mb				e	33	27.50		
NAL	95.15	310	eP	29	21.50	1.5	SRS	100.81	312	e(Pd	f29	44.52	-0.9			e	33	38.20		
GYN	95.57	311	eP	29	22.00	0.9	PAIG	100.97	311	e(Pd	f29	44.16	-2.0			e	33	45.60		
MNK	95.77	324	eP	29	22.00	-0.3	SOH	101.05	312	e(Pd	f29	45.56	-1.0			ePP	34	16.30		
			e	33	18.00		OJC	101.27	322	ePd	diff29	49.00	1.8	KMR	105.47	321 ePd	diff30	09.00		
			e	39	58.00				e	29	58.00					i	34	44.00		
			eS	40	30.00		HFS	101.27	333	ePd	diff29	46.00	-1.0	VBY	105.58	318 ePd	diff30	12.00		
NUR	95.98	331	eP	29	24.00	0.9		1.1s		41.30nm		5.9mb		LJU	105.88	319 ePd	diff30	03.00		
	Z	20s						Z	20s		26.63um		6.8MsZ		LJU	105.88	319 ePKP	34	16.00	
			eSKS	40	00.00		THE	101.37	312	e(Pd	f29	46.60	-1.3		CEY	106.05	319 e(Pd	diff30	02.00	
			LR	17	20.00		TIM	101.49	317	iPd	diff30	02.00	13.7X		MOX	106.06	324 ePd	diff30	08.40	
KIS	96.05	317	eP	29	24.00	0.2	VAY	101.52	313	iPd	diff29	46.00	-2.6X			2.2s	41.00nm		6.1mb	
	Z	21s						1.0s		71.00nm		6.2mb			Z	21s	16.00um		6.5MsZ	
	N	20s							i	29	48.00				N	21s	17.00um			
	E	20s							i	29	48.00				E	21s	9.50um			
			i	29	35.00	35km	GRG	101.72	312	e(Pd	f29	48.92	-0.6			e	33	21.40		
			i	33	19.00		PSZ	101.82	320	ePd	diff29	50.80	0.9			e	34	35.90		
			iPPP	35	30.00		LIT	101.84	311	e(Pd	f29	49.44	-0.6	TRI	106.50	319 ePd	diff30	09.00		
			iS	39	59.00		NB2	102.02	334	Pd	diff	29	49.50			ePP	34	36.00		
HLW	96.11	300	eP	29	26.00	1.6		1.1s		19.90nm		5.7mb				ePPP	36	48.00		
			ePP	32	33.00		AGG	102.18	310	e(Pd	f29	50.68	-0.9			e	39	36.00		
			ePPP	34	26.00		SKO	102.21	313	iPd	diff29	50.50	-1.1			eS	42	12.00		
			eS	40	00.00			1.0s		4831.00nm		8.1mb X			eSP	43	24.00			
ALT	96.19	309	eP	29	25.50	0.8		Z	21s		12.91um		6.4MsZ			eSS	49	20.00		
ELL	96.62	307	eP	29	24.00	-2.7X				i	34	12.00				eSSS	53	36.00		
CFR	96.82	316	ePc	29	12.50	-14.7X				i	42	50.00				eLR	06	44.00		
VR1	97.70	316	ePc	29	15.50	-15.7X	BSD	102.55	328	ePd	diff29	53.50	0.7	GRF	106.67	323 ePd	diff30	13.20		
MLR	98.30	316	ePc	29	19.00	-15.1X		0.9s		37.00nm		6.1mb			Z	20s	18.00um		6.6MsZ	
JMB	98.37	313	iP	29	36.00	1.7			i	30	02.50					e	30	21.80		
BUC1	98.45	315	ePd	29	22.00	-12.6X	OHR	102.87	313	iPd	diff29	54.70	0.0			ePP	34	39.20		
IZM	98.49	309	iP	29	34.00	-0.2	WDC	103.01	48	Pd	diff-29	56.98	1.7	FUR	107.22	322 ePKP	34	25.50		
LVV	98.72	321	eP	29	37.00	1.3		Z	22s		32.70um		6.8MsZ		Z	18s	10.00um		6.4MsZ	
	Z	24s							PP	34	10.71				ISA	107.30	52 PKP	34	30.00	
	N	21s							SP	43	10.35				Z	18s	14.40um		6.6MsZ	
	E	22s							e(Pd	f29	56.00	0.8			ISA	107.30	52 Pd	diff-30	18.45	
			e	33	39.00		UZD	103.04	318	e(Pd	f29	56.00	0.8			Z	18s	14.40um		6.6MsZ
			i	40	13.00		KONO	103.35	333	ePd	diff29	59.08	2.8X				PP	34	42.33	
			eS	40	51.00		ZST	103.54	320	ePd	diff29	59.30	1.9				SKS	40	58.56	
			iPS	42	30.00				e	33	43.60						SP	44	11.04	
EZN	98.99	311	eP	29	37.00	-0.1			e	34	17.40						SS	50	01.68	
KRI	99.47	253	iPd	29	43.00	3.1X	IGT	103.58	311	e(Pd	f29	57.16	-0.6	WTS	108.23	327 ePd	diff30	30.00		
			iP	29	48.70	18km	COP	103.64	329	ePd	diff30	00.00	2.4X		0.9s	6.00nm		11.9X		
UPP	99.53	332	iP	29	39.50	0.3		Z	19s		13.89um		6.5MsZ			BNS	108.49	326 ePd	diff30	20.00
	0.9s								e	33	17.00				Z	19s	30.40um		6.9MsZ	
			i	29	48.50	28km			iPP	34	19.00						i	34	45.00	
			iPP	33	42.00		SNA	104.20	195	e(Pd	f30	10.00	10.2X			TPNV	108.69	50 (PKP)	34	44.65
			iS	41	04.00			1.1s		35.44nm					Z	20s	17.21um		6.6MsZ	
RZN	99.87	313	iPc	29	41.00	-0.4	BRNL	104.38	325	ePd	diff30	07.00	6.0X	PEC	108.79	54 (PKP)	34	24.25		
NVL	99.96	197	eP	29	41.00	0.0			ePP	34	24.00					ePP	34	52.82		
	4.0s						PRU	104.56	323	Pd	diff	30	04.00				ePKP	34	18.00	
	Z	20s						Z	19s		16.70um		6.6MsZ			FIR	108.85	317 ePKP	34	18.00
	N	19s						N	26s		39.20um					DBN	109.07	327 ePd	diff30	28.00
	E	20s						E	23s		13.50um					WLF	109.66	325 Pd	diff	30
			ePP	33	49.00					e	30	12.20				BSF	110.10	323 ePKP	34	29.90
			eSKS	39	38.00				e	33	38.00					UCC	110.15	326 ePd	diff30	39.00
			eSKKS	40	29.00		BRG	104.60	324	iPd	diff30	03.40	1.4				SKS	41	10.00	
DAG	99.98	353	eP	29	40.40	-0.6		N	18s		12.50um					SNF	110.33	326 ePd	diff30	41.40
	0.9s							E	18s		14.00um					DOU	110.35	326 Pd	diff	30
	Z	21s								e	33	24.40			Z	20s	14.00um		6.5MsZ	
	N	21s					NEW	104.63	39	Pd	diff	30	00.00				e	30	42.00	
WAR	99.98	324	P+	29	48.00	6.6X		Z	22s		45.01um		7.0MsZ				e	34	33.00	
	Z	22s					CLL	105.00	324	ePd	diff30	05.00	1.2				SKS	41	10.00	
								2.0s		58.00nm		6.2mb					S	42	46.00	

26d 22h

1.0s 15.00nm —
i 33 54.20
i 34 32.00
WIN 110.79 246 iPd i f 30 41.70 11.2X
Z 21s 16.85um 6.6Msz
LPG 111.13 320 ePKP 34 40.30 9.5X
0.8s 12.65nm
LPL 111.14 320 ePKP 34 40.20 9.5X
0.8s 7.00nm
DAU 111.28 45 ePKP 34 41.87 10.6X
EMUT 111.81 46 (PKP) 34 33.75 1.5
SRU 112.28 47 ePKP 34 33.35 0.3
TUC 114.37 54 ePKP 34 38.49 1.3
Z 18s 15.90um 6.7Msz
ePP 35 28.85
SKS 42 14.89
SP 45 13.10
RSSD 114.60 39 ePKP 34 37.06 -0.4
Z 20s 10.50um 6.4Msz
PP 35 33.95
SP 45 07.21
GOL 115.71 44 ePKP 34 40.58 0.8
Z 20s 7.33um 6.3Msz
PP 35 54.24
SP 45 39.62
GLD 115.79 44 PKP 34 45.00 5.2X
Z 20s 14.00um 6.6Msz
ULM 115.90 30 ePKP 34 42.50 3.1X
ALO 116.84 49 Pd i f 31 14.30 17.1X
ALO 116.84 49 ePKP 34 41.27 -0.7
Z 19s 1.81um 5.7Msz
PP 35 57.77
SP 45 51.43
EBR 117.33 318 (Pd i f 31 04.00 5.1X
EVIA 120.41 317 ePKP 34 50.00 1.5
GUD 120.46 320 ePKP 34 51.00 2.4X
TOL 120.80 319 ePd i f 31 14.00 -0.4X
JAO 121.34 17 ePKP 34 45.00 -4.6X
ECOG 121.82 316 ePKP 34 48.50 -2.7X
EPLA 122.01 320 ePKP 34 53.00 1.6
EGUA 122.04 316 ePKP 34 51.90 0.4
MAL 122.68 316 iPKPd 34 54.00 1.3
iPP 36 04.00
iS 46 36.00
EHOR 122.68 318 ePKP 34 54.00 1.3
EPRU 123.12 317 iPKPc 34 55.80 2.2
EJIF 123.55 316 iPKPc 34 44.60 -9.9X
JFWS 123.55 34 ePKP 34 53.21 -1.0
Z 21s 18.53um 6.7Msz
SIO 123.90 44 ePKP 34 55.60 0.4
TUL 124.18 44 ePKP 34 55.90 0.2
1.4s 38.10nm
LNO 124.18 44 ePKP 34 55.10 -0.5
VVO 124.51 44 ePKP 34 58.40 2.1
EEO 126.22 24 ePKP 35 02.00 2.6X
SLM 126.27 38 PKP 35 10.00 10.3X
Z 19s 8.15um 6.4Msz
MIAR 126.44 44 ePKP 35 00.63 0.5
Z 22s 16.25um 6.7Msz
ePP 36 58.41
SP 47 07.39
SSS 59 19.33
FVM 126.55 39 ePKP 34 59.61 -0.6
Z 21s 36.12um 7.0Msz
PP 36 55.82
OLY 127.34 42 (PKP) 35 01.66 -0.2
TIO 127.63 312 iPKP 35 02.00 -0.7
ELC 127.73 39 ePKP 35 02.22 -0.3
RSNY 129.73 22 ePKP 35 03.57 -2.5
Z 21s 12.67um 6.6Msz
SP 49 09.07
BNH 130.84 19 ePKP 35 07.55 -0.7
MCVV 131.38 30 PKP 35 20.00 10.6X
Z 19s 11.14um 6.6Msz
LMN 131.47 13 ePKP 35 13.50 4.2X
GBTN 131.85 37 ePKP 35 11.42 1.0
HRV 132.58 21 PKP 35 10.98 -0.6
Z 20s 13.42um 6.6Msz
PP 37 30.80
SKP 38 49.23
NAV 132.64 33 ePKP 35 11.35 -0.5
TBR 132.74 24 (PKP) 35 10.72 -1.2
LVNJ 132.79 25 (PKP) 35 11.66 -0.3
BLA 132.92 33 ePKP 35 12.65 0.2
KIC 133.32 280 PKP 35 01.20 -12.6X
KIC 133.32 280 PKP 35 15.80 2.0
PKS 38 43.00

TIC 133.55 280 PKP 35 15.00 0.8
LIC 133.62 280 PKP 35 15.40 1.1
PRM 134.04 37 ePKP 35 14.55 0.0
JSC 134.56 36 (PKP) 35 15.96 0.4
CEH 134.61 33 ePKPc 35 16.75 1.1
LHS 134.68 35 ePKP 35 14.65 -1.1
CACH 142.49 153 ePKP 35 28.33 -2.0
MBO 142.97 296 ePKP 35 42.90 11.5X
PEL 143.26 152 ePKP+ 35 27.86 -3.7X
MDZ 144.32 154 i(PKP) 35 29.90 -3.5X
i 35 53.30
RTBS 145.07 152 ePKPc 35 34.40 -0.2
RTCV 145.32 153 ePKPc 35 34.30 -0.8
RTCB 145.52 152 iPKPd 35 34.70 -0.8
TLL 145.61 149 ePKP 35 36.40 0.5
RTL 145.80 153 ePKPc 35 36.50 0.5
LPA 145.91 170 ePKP+ 35 33.00 -2.9X
Z 20s 15.60um 6.8Msz
ANT 150.76 141 ePKP 35 45.00 1.2
NNA 152.15 114 e(PKP) 35 53.00 6.8X
0.9s 58.82nm
i 36 09.00
ARE 154.71 128 ePKP 35 46.00 -4.0X
YJA 154.84 147 ePKPc 35 52.40 2.2
PORP 155.30 38 ePKP 35 54.00 3.7X
CLLP 155.32 38 ePKP 35 53.30 3.0X
CPD 155.75 37 ePKP 35 52.00 1.0
RSTA 156.71 184 ePKP 36 08.60 16.5X
CNCB 157.17 133 PKP 35 55.90 2.3X
LPB 157.26 133 ePKP 35 54.00 0.5
LR 29 28.00
ZOB0 157.40 132 ePKP 35 55.50 1.5
CCH 158.07 138 ePKP 35 57.00 2.7X
PPD 159.38 179 ePKP 35 56.20 0.9
PDF 161.11 32 ePKP 36 02.60 5.4X
BDF 165.42 191 e(PKP) 36 02.00 0.5
e 36 46.00
e 37 02.00
e 37 06.00
e 37 21.00
e 37 41.00
e 38 03.00
e 40 53.00
e 41 21.00
BAO 165.46 191 e(PKP) 36 02.00 0.5
e 37 02.00
e 37 17.00
e 37 27.00

S.D. = 1.2 on 270 of 377 obs.

* SEP 26, 1992 22h 57m 40.94±0.69s
1.286 N ±10.1km 128.850 E ±15.2km
DEPTH = 33.0km (normal)
4.8mb (7 obs.)
HALMAHERA, INDONESIA (267)
MNI 4.01 272 eP 58 40.00 -1.7
eS 58 50.00
AAI 4.98 188 eP 58 57.50 2.0
eS 09 16.10
WB2 21.78 166 iPc 02 28.70 -3.3X
0.4s 21.10nm 4.9mb
eS 06 25.20
OIS 24.13 155 eP 02 53.00 -2.0
0.6s 13.00nm 4.6mb
ASPA 25.28 169 eP 03 06.10 0.0
0.6s 29.60nm 5.1mb
STKA 35.13 161 eP 04 30.00 -3.5X
MAT 36.13 13 eP 04 38.00 -4.1X
BRS 36.65 143 iPc 04 46.00 -0.5
ARMA 38.28 147 eP 05 03.10 2.8X
0.8s 60.00nm 5.5mb
TIY 39.27 339 eP 05 08.20 -0.3
BJI 40.26 345 eP 05 15.50 -1.0
1.0s 11.00nm 4.6mb
TOO 41.62 160 eP 05 28.00 0.3
LZH 41.67 329 eP 05 30.00 1.7
2.0s 40.00nm 4.8mb
sP 05 43.00
GTA 46.27 329 eP 06 06.00 0.7
1.0s 9.00nm 4.7mb
GBA 52.30 286 P 06 52.00 0.0
WMO 55.93 325 eP 07 19.00 0.7
pP 07 25.00 20kmX
KSH 61.23 315 eP 08 00.00 4.6X
S.D. = 1.3 on 12 of 17 obs.

-SEP 26, 1992 23h 06m 45.90±0.36s
1.460 N ± 6.3km 129.317 E ±11.0km
DEPTH = 33.0km (normal)
5.1mb (26 obs.) 5.1Msz (1 obs.)
HALMAHERA, INDONESIA (267)
PMG 20.79 122 eP 11 33.00 6.0X
WB2 21.84 167 eP 11 34.70 -2.8X
0.5s 24.00nm 4.9mb
OIS 24.09 156 eP 11 58.00 -1.6
0.8s 20.00nm 4.7mb
MBL 24.32 202 eP 12 03.00 1.2
ASPA 25.37 170 iPd 12 11.60 -0.3
1.1s 53.00nm 5.1mb
eS 16 42.30
QZH 25.54 337 P 12 14.70 1.3
CTA 27.10 143 iPd 12 29.00 1.1
1.5s 24.31nm 4.6mb
NANU 27.40 209 eP 12 32.00 1.5
WARB 27.60 185 eP 12 34.00 1.6
OLP 31.38 154 eP 13 04.00 -2.0
0.5s 19.00nm 5.2mb
WHN 32.22 335 eP 13 14.00 0.6
1.0s 36.00nm 5.2mb
pP 13 20.00 21kmX
GYA 33.04 321 P 13 23.40 2.6
1.0s 14.00nm 4.8mb
CHG 34.40 302 eP 13 31.00 -1.5
KMI 34.80 315 Pd 13 37.00 0.9
1.5s 40.00nm 5.1mb
pP 13 41.50 15kmX
STKA 35.14 162 eP 13 37.00 -1.6
MAT 35.86 12 eP 13 43.00 -1.7
0.8s 23.88nm 5.2mb
CMS 36.32 156 eP 13 52.10 3.5X
XAN 37.61 332 eP 13 59.00 -0.5
1.0s 14.00nm 4.8mb
ARMA 38.17 148 eP 14 04.80 0.5
1.0s 107.00nm 5.6mb
TIY 39.28 339 eP 14 09.60 -3.9X
BWA 39.95 155 eP 14 23.60 4.6X
BJI 40.22 344 eP 14 21.00 -0.1
1.0s 33.00nm 5.0mb
CAN 40.96 155 eP 14 28.80 1.5
TDO 41.62 161 eP 14 35.50 2.8X
0.5s 6.00nm 4.6mb
LZH 41.77 328 P 14 35.40 1.4
2.0s 230.00nm 5.6mb
Z 20s 2.47um 5.1Msz
E 11s 3.06um
pP 14 45.00 32kmX
sP 14 49.00
CN2 42.30 356 eP 14 42.00 3.9X
1.0s 6.10nm 4.3mb
HHC 42.38 340 Pd 14 39.60 0.7
0.8s 28.00nm 5.0mb
BTO 42.71 338 eP 14 41.80 0.2
MDJ 42.97 0 eP 14 44.60 1.0
1.3s 32.00nm 4.9mb
LSA 45.87 311 Pd 15 08.60 0.9
0.6s 12.00nm 5.0mb
GTA 46.37 328 eP 15 10.50 -0.5
1.5s 46.00nm 5.2mb
pP 15 16.00 18kmX
GUN 49.14 306 P 15 32.62 -0.6
PKI 49.38 306 P 15 53.58 18.5X
KKN 49.58 306 P 15 35.40 -1.0
DMN 49.64 306 P 15 36.32 -0.7
GKN 50.18 306 P 15 39.98 -1.0
CIT 52.06 348 eP 15 56.00 1.3
HYB 52.32 291 eP 15 55.50 -1.7
GBA 52.70 286 P 15 58.00 -2.0
ZAK 53.52 340 eP 16 09.50 4.1X
2.0s 34.00nm 5.0mb
WMO 56.06 325 P 16 24.00 -0.2
1.0s 21.00nm 5.1mb
pP 16 31.00 23kmX
BOD 57.49 350 eP 16 32.80 -1.2
UER 58.03 335 eP 16 37.00 -0.9
2.0s 15.00nm 4.7mb
YAK 60.41 0 iPd 16 53.90 -0.2
1.7s 89.00nm 5.6mb
MGD 60.79 12 eP 16 57.00 0.2
1.0s 40.00nm 5.5mb
PRZ 61.10 319 eP 17 00.00 0.5
2.0s 70.00nm 5.4mb
KSH 61.43 315 eP 17 02.20 0.5

26d 23h

FRU 63.76 318 eP 17 20.00 3.0X
 19 43.20
 TIK 70.07 360 iPc 17 56.00 -0.2
 2.0s 49.00nm 5.2mb
 MAIO 72.93 308 eP 18 14.00 -0.3
 SVE 77.23 328 ePc 18 38.50 0.2
 ERE 85.10 310 eP 19 23.00 2.9X
 PYA 86.30 314 eP 19 25.00 -0.9
 OBN 90.37 325 eP 19 46.00 0.9
 CNCB 157.14 133 ePKP 26 48.00 6.9X
 S.D. = 1.2 on 43 of 55 obs.

? SEP 26, 1992 23h 27m 41.37±16.89s
 38.073 N ±119.km 20.139 E ±75.0km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

IGT 1.47 6 eP 28 08.20 0.4
 eS 28 26.52
 AGG 1.96 60 eP 28 14.82 -0.2
 eS 28 37.96
 LIT 2.73 41 eP 28 27.56 1.5
 eS 28 57.36
 FNA 2.87 19 eP 28 27.20 -0.9
 eS 28 58.32
 OHR 3.08 9 iPn 28 31.00 0.1
 GRG 3.37 31 eP 28 38.20 3.1X
 SOH 3.71 41 eP 28 39.08 -0.8
 S.D. = 1.1 on 6 of 7 obs.

* SEP 26, 1992 23h 30m 19.26±2.79s
 32.625 S ±15.4km 71.660 W ±21.6km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.8 (SAN).

ROCH 0.65 122 iPd 30 31.92 -0.2
 iS 30 44.39
 LCCH 0.85 175 iPd 30 34.59 -0.2
 iS 30 48.89
 JACH 0.90 94 iPd 30 34.14 -1.5
 iS 30 48.68
 PEL 0.97 122 iP 30 36.58 0.0
 iS 30 52.30
 TACH 1.19 150 iP 30 40.60 0.9
 iS 30 59.12
 LNV 1.34 171 iPd 30 40.89 -0.9
 iS 31 00.05
 FCH 1.35 122 iP 30 42.05 -0.2
 iS 31 04.20
 PCH 1.38 136 iP+ 30 43.12 0.6
 iS 31 03.94
 CHCH 1.55 147 iP 30 45.69 0.7
 iS 31 09.01
 RTCB 2.68 66 eP 31 02.00 0.9
 S.D. = 0.9 on 10 of 10 obs.

* SEP 26, 1992 23h 56m 01.62±0.49s
 1.320 N ±7.9km 129.434 E ±11.2km
 DEPTH = 33.0km (normal)
 5.1mb (6 obs.)

HALMAHERA, INDONESIA (267)

SWI 2.83 140 iPd 56 44.00 -1.5
 iS 57 17.50
 MNI 4.59 272 ePc 57 11.00 0.4
 eS 57 34.00
 AAI 5.12 194 eP 57 18.90 0.8
 eS 58 26.00
 MTN 14.17 173 eP 59 17.00 -5.2X
 WB2 21.68 167 iPd 00 50.60 -1.0
 0.7s 109.70nm 5.4mb
 eS 04 40.00
 OIS 23.92 156 iPc 01 14.00 0.4
 1.0s 43.00nm 4.9mb
 ASPA 25.21 170 iPd 01 25.60 -0.5
 0.9s 93.90nm 5.4mb
 eS 05 52.20
 CTA 26.92 143 eP 01 44.00 2.1
 STKA 34.97 162 iPd 02 52.30 -0.6
 MAT 35.98 12 eP 03 01.00 -0.4
 BRS 36.32 144 iP 03 03.50 -0.9
 ARMA 37.99 148 iPc 03 19.50 1.0
 0.6s 19.00nm 5.1mb
 TIY 39.45 339 eP 03 32.20 1.6
 BJI 40.38 344 eP 03 38.50 0.4

TOO 41.45 161 eP 03 48.30 1.3
 LZH 41.95 328 eP 03 52.00 0.8
 1.6s 53.00nm 5.0mb
 pP 04 00.00 27kmX
 sP 04 05.00
 GTA 46.55 328 eP 04 27.50 -0.7
 1.2s 10.00nm 4.7mb
 HYB 52.48 291 eP 05 12.00 -2.1
 WMO 56.24 325 P 05 40.50 -0.7
 S.D. = 1.2 on 18 of 19 obs.

SEP 27, 1992 00h 12m 16.80±0.28s
 27.997 N ±5.5km 54.242 E ±4.3km
 DEPTH = 33.0km (normal)
 4.5mb (18 obs.)

SOUTHERN IRAN (353)

MJMA 8.27 257 eP 14 14.00 -3.5X
 KER 8.80 318 eP 14 25.00 0.1
 MAIO 9.40 27 eP 14 36.00 2.9X
 QASM 9.73 261 eP 14 33.00 -4.7X
 eS 16 16.00
 ASH 10.51 18 eP 14 46.50 -1.7
 DHJN 14.28 226 eP 15 34.67 -4.3X
 ABHA 14.34 230 eP 15 38.67 -1.0
 AKH 16.01 329 eP 16 08.00 6.7X
 BKR 16.27 330 iPd 16 11.00 6.5X
 1.5s 30.00nm 4.2mb
 GRO 16.81 338 iPc 16 18.50 7.4X
 1.5s 80.00nm 4.6mb
 eS 19 29.00
 KSH 21.33 52 eP 17 03.00 -0.3
 AAE 23.85 221 P 17 29.00 0.6
 PRZ 24.35 47 eP 17 30.00 -2.9X
 HYB 24.73 110 eP 17 37.00 0.4
 GBA 25.92 119 P 17 48.00 0.3
 GKN 26.81 83 P 17 55.68 -0.4
 DMN 27.27 83 P 18 00.00 0.3
 KKN 27.40 83 P 18 00.78 -0.8
 PKI 27.54 83 P 18 01.92 -1.1
 GUN 27.91 83 P 18 05.96 -0.4
 UER 37.94 41 eP 19 33.00 0.2
 1.0s 10.00nm 4.6mb
 NUR 38.16 337 iP 19 34.80 0.3
 0.3s 2.40nm 4.5mb
 KAF 38.79 339 eP 19 40.20 0.4
 0.3s 1.10nm 4.1mb
 GTA 39.21 61 eP 19 44.80 1.0
 1.0s 10.00nm 4.5mb
 LPG 41.22 308 eP 20 06.20 5.8X
 0.8s 7.10nm 4.4mb
 LPL 41.23 308 eP 20 06.40 5.9X
 BCAA 41.25 242 iPd 20 01.00 0.3
 0.2s 12.00nm 5.3mb
 CDF 41.38 313 eP 20 02.60 1.1
 BSF 41.59 312 eP 20 06.00 2.8X
 HAU 41.91 312 eP 20 09.10 3.4X
 HFS 42.22 331 eP 20 07.60 -0.4
 0.4s 2.50nm 4.3mb
 LZH 42.44 66 eP 20 11.00 0.6
 1.5s 32.00nm 4.8mb
 sP 20 21.00
 ZAK 43.13 45 eP 20 16.00 0.4
 1.4s 9.00nm 4.3mb
 SMF 43.38 309 eP 20 20.70 2.9X
 0.7s 3.65nm 4.2mb
 SSF 43.66 310 eP 20 23.90 3.9X
 AVF 43.73 310 eP 20 24.80 4.2X
 NB2 43.74 331 P 20 19.80 -0.6
 0.4s 0.70nm 3.8mb
 TCF 44.46 309 eP 20 29.80 3.3X
 KEV 44.65 347 eP 20 31.00 3.4X
 LFF 45.39 307 eP 20 37.70 3.8X
 XAN 46.79 68 P 20 44.70 -0.5
 1.0s 8.50nm 4.7mb
 BTO 47.05 59 eP 20 43.80 -3.4X
 HHC 48.21 59 eP 20 56.60 0.3
 TIY 49.15 63 Pc 21 04.20 0.6
 BOD 50.84 37 eP 21 14.80 -1.3
 TIA 53.09 64 eP 21 33.20 -0.1
 BUL 53.90 210 eP 21 38.60 -0.8
 CN2 58.11 54 P 22 08.80 -0.5
 1.0s 6.10nm 4.6mb
 KIC 59.72 261 P 22 19.20 -1.7
 YSS 69.11 47 (P) 23 21.00 -0.6
 IMA 83.82 11 eP 24 45.40 1.4

1.1s 4.06nm 4.5mb
 FBA 85.83 9 eP 24 57.00 3.1X
 0.9s 6.25nm 4.8mb
 YKA 89.38 355 eP 25 11.90 0.8
 0.7s 3.60nm 4.8mb
 BALM 90.26 8 (P) 25 16.31 0.9
 WRA 90.88 112 P 25 18.89 0.2
 ASPA 92.34 115 P 25 26.29 0.9
 ZOBO 125.79 270 ePKP 31 21.00 2.8X
 CNCB 125.86 269 PKP 31 19.20 0.9
 S.D. = 0.8 on 37 of 58 obs.

* SEP 27, 1992 00h 18m 17.88±2.08s
 50.541 N ±26.6km 18.875 E ±8.2km
 DEPTH = 10.0km (geophysicist)

POLAND (548)

ML 3.2 (WAR).

RAC 0.63 224 eP 18 30.00 -0.6
 1.0s 0.50nm
 iS 18 37.90
 i 46 51.20
 i 47 11.20
 i 47 15.50
 iSg 47 17.20
 OJC 0.67 118 eP 18 31.20 -0.1
 iSg 18 41.00
 VRAC 1.92 231 ePn 18 52.00 1.1
 0.4s 29.90nm
 eSg 19 16.00
 PRU 2.84 260 ePn 19 04.00 0.0
 Pg 19 12.70
 e 19 30.20
 eSg 19 46.30
 BRG 3.15 278 ePg 19 19.00 10.6X
 eSg 20 01.00
 KHC 3.71 250 ePn 19 16.00 -0.5
 ePg 19 29.50
 eSn 19 55.40
 eSg 20 14.50
 CLL 3.79 284 (Pg) 19 34.00 16.4X
 eSg 20 25.00
 GRF 5.00 263 ePg 19 47.50 12.8X
 e(Sg) 20 58.00
 S.D. = 0.9 on 5 of 8 obs.

? SEP 27, 1992 00h 23m 15.06±2.05s
 52.860 S ±13.7km 159.587 E ±52.9km
 DEPTH = 10.0km (geophysicist)
 4.5mb (4 obs.)

MACQUARIE ISLANDS REGION (167)

MCO 1.68 193 iPc 23 43.70 -0.9
 eS 24 04.80
 TOO 18.18 322 iPd 27 30.00 1.0
 1.0s 38.00nm 4.5mb
 CNB 18.98 333 iPc 27 38.90 0.0
 1.3s 48.00nm 4.6mb
 STKA 24.70 321 eP 28 38.10 0.8
 CTA 34.30 337 eP 30 02.00 -1.5
 ASPA 35.07 316 eP 30 09.30 -0.8
 1.2s 7.40nm 4.4mb
 SPA 37.33 180 iPd 30 30.40 1.4
 0.9s 9.55nm 4.6mb
 OBN 147.19 297 ePKP 43 01.00 4.5X
 S.D. = 1.4 on 7 of 8 obs.

SEP 27, 1992 01h 38m 35.93±0.87s
 43.184 N ±9.5km 18.017 E ±5.8km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
 ML 2.6 (TTG).

BRY 0.48 126 iPg 38 45.17 -0.5
 iSg 38 53.90
 NKY 0.81 117 iPg 38 50.83 -0.9
 iSg 39 04.41
 HCY 0.82 154 iPg 38 51.92 0.2
 iSg 39 05.62
 PLE 1.02 81 iPg 38 55.60 0.4
 iSg 39 08.71
 BDV 1.08 146 iPg 38 56.55 0.3
 iSg 39 14.40
 HVAR 1.15 270 iPg 38 57.10 -0.3
 iSg 39 13.70
 TTG 1.19 129 iPg 38 57.33 -0.7
 iSg 39 17.16

27d 01h

IVA 1.41 102 iPg 39 01.82 0.0
 iSg 39 23.43
 ULC 1.52 143 iPnc 39 04.26 1.0
 iSn 39 28.05
 PVY 1.55 112 iPnc 39 04.25 0.5
 iSn 39 27.70
 VBY 3.05 320 e(Pn) 39 33.00 7.9X
 eSn 40 03.20

S.D. = 0.7 on 10 of 11 obs.

? SEP 27, 1992 01h 40m 57.24±0.85s
 23.369 N ± 8.8km 143.897 E ± 16.7km
 DEPTH = 33.0km (normal)
 4.7mb (9 obs.) 4.3Msz (1 obs.)
 VOLCANO ISLANDS REGION (213)

MAT 14.02 341 (P) 44 15.00 -0.7
 MDJ 24.22 335 eP 46 13.50 1.6
 1.8s 120.00nm 5.1mb
 SNY 25.03 322 iPc 46 19.60 -0.1
 1.5s 50.00nm 4.9mb
 TIA 26.43 305 eP 46 31.70 -1.2
 GYA 33.83 283 iPd 47 38.60 -0.3
 CD2 36.35 291 eP 47 59.40 -0.9
 LZH 36.77 299 Pd 48 04.00 0.1
 2.0s 34.00nm 4.9mb
 KMI 37.47 281 eP 48 08.50 15kmX
 GTA 40.47 304 P 48 34.70 0.1
 1.8s 23.00nm 4.6mb
 CTA 43.25 177 iPc 48 57.20 -0.2
 1.3s 12.02nm 4.5mb
 i 49 08.00
 i 49 20.50
 WB2 44.04 193 iPd 49 03.90 0.1
 0.8s 5.40nm 4.4mb
 LSA 47.28 290 iPc 49 31.40 1.3
 0.5s 62.00nm 5.9mb X
 WMO 50.05 308 P 49 51.00 0.1
 1.2s 30.00nm 5.2mb
 Z 20s 0.32um 4.3Msz
 sP 50 00.00
 eS 57 10.00

HYB 61.10 278 eP 51 10.00 -0.9
 GBA 63.32 274 P 51 26.00 0.3
 MAIO 72.25 302 eP 52 22.00 0.5
 KAF 81.49 335 iP 53 12.80 0.4
 0.4s 1.90nm 4.5mb
 NB2 87.63 339 P 53 42.20 -1.2
 0.9s 3.60nm 4.6mb
 ZOBO 149.11 83 PKP 00 46.80 5.8X
 LPB 149.21 83 ePKP 00 48.00 7.1X
 CNCB 149.40 84 PKP 00 48.30 7.0X
 S.D. = 0.8 on 18 of 21 obs.

? SEP 27, 1992 02h 01m 34.09±0.91s
 1.447 N ± 21.5km 129.675 E ± 44.1km
 DEPTH = 33.0km (normal)
 4.6mb (4 obs.)
 HALMAHERA, INDONESIA (267)

SWI 2.79 145 iPd 02 17.50 0.1
 WB2 21.75 168 iPc 06 23.60 -1.2
 0.6s 6.80nm 4.2mb
 e 06 40.50
 ASPA 25.30 171 eP 07 00.50 1.1
 0.7s 10.80nm 4.6mb
 STKA 35.02 162 eP 08 29.60 3.8X
 ARMA 37.97 148 eP 08 57.40 6.6X
 0.7s 8.00nm 4.7mb
 BJI 40.33 344 eP 09 10.00 -0.2
 LZH 41.96 328 eP 09 24.00 0.1
 1.5s 27.00nm 4.8mb
 pP 09 28.50 15kmX

S.D. = 1.2 on 5 of 7 obs.

* SEP 27, 1992 02h 27m 57.43±0.41s
 1.216 N ± 9.1km 129.194 E ± 14.0km
 DEPTH = 33.0km (normal)
 5.0mb (13 obs.) 4.1Msz (2 obs.)
 HALMAHERA, INDONESIA (267)

SWI 2.92 135 iPc 28 40.50 -2.1
 iS 29 17.00
 MTN 14.10 172 eP 31 15.00 -2.1
 PMG 20.77 121 eP 32 44.00 5.7X
 WB2 21.63 167 iPd 32 46.70 -0.3

0.5s 12.00nm 4.6mb
 eS 36 42.10
 OIS 23.92 155 eP 33 10.00 0.5
 0.3s 9.00nm 4.8mb
 i 33 16.10
 ASPA 25.15 170 eP 33 22.40 1.0
 0.6s 11.90nm 4.7mb
 Z 20s 0.50um 4.0Msz
 eS 37 52.40

CTA 26.98 143 eP 33 40.00 1.7
 WHN 32.39 336 P 34 27.00 0.6
 GYA 33.16 321 iPc 34 33.40 0.1
 1.0s 15.00nm 4.8mb
 RMO 33.39 147 eP 34 40.00 4.8X
 KMI 34.89 315 eP 34 49.00 0.6
 STKA 34.95 161 eP 34 48.80 0.3
 XAN 37.76 332 Pc 35 11.50 -0.8
 1.1s 21.00nm 4.9mb
 pP 35 20.40 30kmX
 ARMA 38.03 148 eP 35 16.70 2.0
 0.8s 74.00nm 5.6mb
 TIY 39.46 339 iPc 35 26.60 0.1
 Z 28s 0.60um 4.3Msz X

BJI 40.42 345 eP 35 34.00 -0.2
 1.2s 49.00nm 5.1mb
 SNY 40.74 354 eP 35 33.80 -3.1X
 TOO 41.44 160 eP 35 50.00 7.3X
 0.6s 7.00nm 4.6mb
 LZH 41.91 329 iPc 35 47.50 0.8
 1.2s 110.00nm 5.5mb
 Z 20s 0.35um 4.2Msz
 pP 35 55.00 25kmX
 sP 35 59.50
 BTO 42.89 338 eP 35 52.00 -2.6X
 MDJ 43.22 0 eP 35 57.50 0.4
 LSA 45.94 312 iPc 36 20.40 0.7
 0.6s 9.30nm 4.9mb
 GTA 46.51 328 iPc 36 23.50 -0.2
 1.0s 30.00nm 5.2mb
 pP 36 28.00 15kmX
 PP 38 08.00

GUN 49.19 307 P 36 44.70 -0.4
 PKI 49.43 306 P 36 46.10 -0.8
 KKN 49.62 306 P 36 46.50 -1.8
 DMN 49.69 306 P 36 48.50 -0.3
 GKN 50.23 306 P 36 52.30 -0.5
 HYB 52.29 291 eP 37 07.50 -1.0
 GBA 52.65 286 P 37 14.00 2.9
 WMO 56.18 325 P 37 36.20 -0.4
 1.0s 21.00nm 5.1mb
 pP 37 45.00 29kmX
 YAK 60.65 0 eP 38 06.60 -0.7
 0.9s 46.00nm 5.6mb
 MAIO 72.98 308 eP 39 26.00 -0.1
 S.D. = 1.2 on 28 of 33 obs.

% SEP 27, 1992 03h 26m 21.27±1.20s
 16.915 N ± 13.7km 99.676 W ± 8.7km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.18 256 iP 26 25.50 0.2
 iS 26 29.00
 IJI 1.47 8 iP 26 46.50 -1.4
 iS 27 13.50
 IIT 2.47 32 (P) 27 04.00 1.6
 OXX 2.83 86 iP 27 07.00 -0.6
 (S) 27 50.00
 IISM 3.01 46 eP 27 10.00 0.2
 MRX 3.13 333 eP 27 11.50 0.0
 S.D. = 1.3 on 6 of 6 obs.

SEP 27, 1992 03h 31m 29.24±0.31s
 1.278 N ± 5.3km 129.262 E ± 8.3km
 DEPTH = 33.0km (normal)
 4.9mb (15 obs.) 3.8Msz (1 obs.)
 HALMAHERA, INDONESIA (267)

SWI 2.92 137 iP 32 12.50 -1.9
 iS 32 46.00
 TSM 11.76 285 eP 34 17.50 -0.3
 MTN 14.15 173 eP 34 45.00 -4.6X
 KNA 16.93 182 eP 35 26.00 0.7
 WB2 21.67 167 iPd 36 18.40 -0.8
 0.7s 45.50nm 5.0mb
 eS 40 10.90
 OIS 23.95 156 eP 36 42.50 0.9

0.3s 6.00nm 4.6mb
 ASPA 25.20 170 iPc 36 53.60 0.0
 0.6s 34.40nm 5.1mb
 Z 22s 0.30um 3.8Msz
 eS 41 18.40
 CTA 26.99 143 eP 37 11.00 0.8
 NANU 27.22 209 eP 37 12.00 -0.2
 WHN 32.36 335 eP 37 59.00 1.1
 pP 38 03.50 16kmX
 GYA 33.15 321 P 38 05.60 0.6
 1.0s 9.60nm 4.7mb

KMI 34.89 315 Pd 38 10.60 17kmX
 pP 38 21.00 0.8
 pP 38 26.00 17kmX
 STKA 34.99 162 iPd 38 20.00 -0.6
 MUN 35.31 199 eP 38 23.00 -0.4
 MAT 36.05 12 eP 38 28.00 -1.7
 0.9s 13.45nm 4.9mb
 XAN 37.74 332 P 38 43.70 -0.2
 1.2s 18.00nm 4.8mb
 ARMA 38.05 148 eP 38 47.20 0.6
 0.6s 22.00nm 5.2mb

TIY 39.43 339 iPd 38 58.40 0.4
 BWA 39.81 155 eP 39 08.20 7.0X
 BJI 40.38 344 eP 39 05.50 -0.2
 1.2s 26.00nm 4.9mb
 CAN 40.82 155 eP 39 10.00 0.5
 TOO 41.47 160 iPc 39 16.40 1.6
 0.4s 10.00nm 4.9mb
 LZH 41.89 329 Pd 39 19.50 1.1
 1.5s 89.00nm 5.3mb
 HHC 42.53 340 eP 39 24.00 0.5
 1.0s 21.00nm 4.8mb
 MDJ 43.15 0 eP 39 28.90 0.5
 1.1s 11.00nm 4.5mb
 LSA 45.95 312 eP 39 52.80 1.2
 GTA 46.49 328 Pd 39 55.00 -0.4
 1.2s 22.00nm 5.0mb
 pP 40 01.00 20kmX
 PcP 41 30.00

GUN 49.21 307 P 40 16.78 -0.3
 PKI 49.44 306 P 40 20.00 1.1
 KKN 49.64 306 P 40 19.80 -0.4
 DMN 49.71 306 P 40 20.32 -0.5
 GKN 50.24 306 P 40 24.32 -0.5
 HYB 52.34 291 eP 40 40.00 -0.6
 GBA 52.70 286 P 40 41.00 -2.3
 WMO 56.17 325 P 41 08.00 -0.3
 1.2s 14.00nm 4.9mb
 YAK 60.59 0 iPc 41 38.00 -0.7
 1.0s 50.00nm 5.6mb
 S.D. = 0.9 on 34 of 36 obs.

? SEP 27, 1992 04h 32m 48.70±1.12s
 0.125 S ± 15.2km 123.805 E ± 38.2km
 DEPTH = 33.0km (normal)
 5.0mb (6 obs.)
 MINAHASSA PENINSULA, SULAWESI (265)

MTN 14.58 150 eP 36 14.00 -0.6
 WB2 22.24 153 iPc 37 43.30 -1.1
 0.4s 23.00nm 5.0mb
 ASPA 25.37 158 eP 38 15.90 1.2
 0.8s 24.40nm 4.9mb
 OIS 25.52 144 iPd 38 16.00 -0.1
 0.4s 37.00nm 5.3mb
 STKA 35.78 154 iPd 39 47.90 1.0
 BRS 38.84 137 iPc 40 12.50 -0.2
 MAT 38.85 19 eP 40 13.00 0.3
 LZH 40.53 335 eP 40 35.00 8.3X
 1.2s 18.00nm 4.7mb
 TOO 42.30 154 iPd 40 44.20 3.2X
 0.6s 11.00nm 4.8mb

KAF 93.63 332 eP 46 07.70 5.0X
 NUR 94.62 331 eP 46 06.70 -0.6
 1.1s 24.90nm 5.6mb
 S.D. = 0.9 on 8 of 11 obs.

* SEP 27, 1992 04h 47m 23.46±3.15s
 38.304 N ± 27.0km 22.055 E ± 8.8km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 2.7 (THE).

AGG 0.75 17 ePg 47 37.40 -0.7
 eSg 47 50.48
 IGT 1.82 313 ePb 47 55.12 0.1

27d 04h

LIT 1.83 11 eSb 48 19.48
 1.83 11 ePb 47 55.16 0.0
 PAIG 2.06 37 eSb 48 21.08
 2.06 37 ePn 47 58.60 0.2
 2.06 37 eSn 48 28.36
 OUR 2.52 36 ePn 48 06.40 1.4
 FNA 2.53 348 ePn 48 05.84 0.5
 GRG 2.66 6 ePn 48 07.12 -0.1
 SOH 2.71 21 ePn 48 08.08 0.2
 OHR 2.97 341 ePn 48 10.70 -0.8
 SRS 3.05 22 ePn 48 13.04 0.4
 ALN 4.03 49 ePn 48 25.12 -1.3
 S.D. = 0.8 on 11 of 11 obs.

? SEP 27, 1992 04h 50m 30.27±5.84s
 8.769 S ±51.9km 128.171 E ±17.9km
 DEPTH = 205.2 ±40.3 km
 4.3mb (2 obs.)
 TIMOR SEA (290)

MTN 4.99 145 iPd 51 45.10 -0.2
 0.4s 79.00nm
 KNA 6.96 175 iPc 52 50.00
 6.96 175 eS 52 11.20 0.4
 6.96 175 eS 53 46.00
 WB2 12.62 152 eP 53 23.00 -0.9
 0.3s 26.40nm 5.1mb X
 MBL 14.71 212 eP 53 50.00 0.0
 14.71 212 eS 56 32.00
 ASPA 15.80 160 eP 54 06.40 3.1X
 0.7s 10.40nm 4.4mb
 OIS 16.10 138 eP 54 07.80 0.8
 0.4s 4.00nm 4.2mb
 CNCB 149.98 148 ePKP 05 54.00 -0.1
 ZOBO 150.33 147 PKP 10 05.00 10.3X
 S.D. = 0.9 on 6 of 8 obs.

% SEP 27, 1992 05h 47m 06.39±1.10s
 46.302 N ±7.1km 3.712 E ±8.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 1.7 (LDG).

SMF 0.35 15 Pg 47 14.50 0.8
 0.35 15 Sg 47 19.00
 AVF 0.55 333 Pg 47 17.20 -0.3
 0.55 333 Sg 47 23.60
 BGF 0.65 293 Pg 47 19.20 -0.2
 0.65 293 Sg 47 26.40
 LBF 0.71 15 Pg 47 20.20 -0.2
 0.71 15 Sg 47 29.00
 SSF 0.77 349 Pg 47 21.00 -0.5
 0.77 349 Sg 47 30.50
 MAF 0.80 265 Pg 47 22.20 0.3
 0.80 265 Sg 47 31.90
 LOR 0.97 6 Pg 47 24.70 -0.2
 0.97 6 Sg 47 36.30
 TCF 1.04 270 Pg 47 26.20 0.1
 1.04 270 Sg 47 38.40
 LSF 1.51 269 Pg 47 34.10 0.5
 CAF -1.80 221 Pn 47 37.20 -0.5
 -1.80 221 Sg 47 39.40
 48 03.20
 S.D. = 0.5 on 10 of 10 obs.

& SEP 27, 1992 06h 32m 33.98s
 62.934 N 150.759 W
 DEPTH = 105.7km
 CENTRAL ALASKA (1)
 <AEIC>.

HUR 0.52 85 eP 32 50.35 -0.4
 0.52 85 eS 33 02.45
 TRF 0.56 22 iP 32 51.01 -0.3
 0.56 22 eS 33 04.11
 CUT 0.58 157 eP 32 51.16 0.0
 0.58 157 S 33 04.95
 KTH 0.63 353 eP 32 51.35 -0.3
 RND 0.99 60 eP 32 54.55 -0.5
 0.99 60 eS 33 10.12
 SKT 1.02 201 iP 32 55.01 -0.4
 1.02 201 eS 33 10.68
 PWA 1.35 162 eP 32 59.10 0.0
 1.35 162 eS 33 19.52
 GH0 1.45 143 iP 33 00.31 0.0

SUA 1.48 180 eP 33 00.80 0.0
 PLRM 1.55 150 eP 33 00.84 -0.6
 1.55 150 eS 33 21.79
 SML 1.60 134 iP 33 01.75 -0.4
 1.60 134 eS 33 22.73
 NCG 1.67 204 eP 33 02.95 -0.2
 1.67 204 S 33 24.86
 CGLM 1.73 200 eP 33 03.78 -0.2
 1.73 200 S 33 25.26
 PMS 1.79 161 eP 33 04.09 -0.5
 1.79 161 eS 33 27.07
 CRP 1.80 202 eP 33 04.74 -0.1
 1.80 202 eS 33 28.22
 NEA 1.81 24 iP 33 04.14 -0.7
 1.81 24 eS 33 26.01
 CKN 1.84 202 eP 33 05.66 0.4
 BGL 1.84 205 eP 33 05.97 0.6
 SPU 1.86 200 eP 33 05.74 0.2
 1.86 200 eS 33 28.61
 CKT 1.87 202 eP 33 05.26 -0.4
 KNK 1.87 144 eP 33 04.84 -0.8
 1.87 144 eS 33 28.97
 CKL 1.90 204 eP 33 06.21 0.2
 1.90 204 eS 33 30.46
 SCM 1.94 123 eP 33 05.93 -0.7
 WRH 1.95 36 eP 33 05.95 -0.6
 BKG 2.00 201 eP 33 07.52 0.2
 2.00 201 eS 33 32.44
 MLY 2.11 0 iP 33 08.10 -0.6
 CCB 2.16 36 eP 33 08.87 -0.5
 PTE 2.23 158 eP 33 08.95 -1.3
 HDA 2.25 47 eP 33 09.77 -0.8
 TTA 2.40 272 eP 33 11.92 -0.7
 PAX 2.42 87 eP 33 12.71 -0.2
 SDG 2.44 97 eP 33 12.69 -0.4
 SLKM 2.45 174 eP 33 13.29 0.1
 RDT 2.49 199 eP 33 14.60 0.7
 GLM 2.54 34 eP 33 13.88 -0.6
 MPA 2.54 164 eP 33 13.51 -0.9
 GLI 2.69 138 eP 33 14.85 -1.6
 SEW 2.91 167 iP 33 18.61 -0.7
 SVW 2.93 234 eP 33 19.14 -0.6
 KNIM 2.97 150 eP 33 17.95 -2.2
 48 obs. associated

SEP 27, 1992 06h 43m 44.72±2.98s
 11.553 N ±38.8km 87.184 W ±14.5km
 DEPTH = 33.0km (normol)
 4.5mb (6 obs.)
 NEAR COAST OF NICARAGUA (74)

PRM 22.86 10 eP 48 47.32 1.0
 UYO 23.47 345 iPd 48 52.70 0.4
 MIAR 23.62 347 eP 48 53.84 0.2
 0.7s 7.36nm 4.3mb
 GBTN 24.16 6 eP 48 59.22 0.3
 VVO 24.92 343 ePc 49 07.60 1.3
 24.92 343 e 49 16.80
 CEH 25.31 16 eP 49 10.67 0.7
 0.6s 13.34nm 4.7mb
 TUL 25.47 344 ePc 49 11.10 -0.4
 0.8s 17.50nm 4.7mb
 LNO 25.47 344 eP 49 10.80 -0.6
 25.47 344 e 49 21.50
 ELC 25.69 356 eP 49 12.13 -1.3
 TYNO 32.06 10 P 50 10.58 -0.1
 ACTO 32.53 10 P 50 13.45 -1.3
 PV10 33.08 328 eP 50 20.00 0.1
 WLVO 33.13 12 P 50 18.72 -1.3
 SRU 34.41 327 eP 50 30.95 -0.4
 RSNY 34.63 16 eP 50 31.61 -1.4
 0.9s 7.75nm 4.6mb
 MSU 34.89 325 eP 50 37.13 1.6
 EMUT 35.07 327 eP 50 36.65 -0.4
 ARUT 35.14 322 eP 50 38.24 0.6
 RSSD 35.56 339 eP 50 41.55 0.4
 0.7s 2.44nm 4.2mb
 EEO 35.64 10 ePd 50 41.80 0.3
 DAU 35.74 328 eP 50 42.57 -0.3
 BW06 36.69 332 eP 50 50.00 -0.7
 0.8s 1.19nm 3.8mb
 HVU 37.52 328 (P) 50 56.25 -1.3
 HHA1 38.43 330 (P) 51 05.38 0.2
 LMN 39.13 25 eP 51 12.50 1.6
 ULM 39.24 351 eP 51 12.50 0.8
 JAO 43.12 10 eP 51 40.00 -3.5X

CPKM 68.04 332 eP 54 43.01 -0.1
 GBA 150.72 32 PKP 03 36.00 5.7X
 S.D. = 0.9 on 27 of 29 obs.

? SEP 27, 1992 07h 27m 30.10±5.41s
 5.595 S ±80.9km 155.593 E ±19.5km
 DEPTH = 171.4 ±23.9 km
 4.6mb (3 obs.)

SOLOMON ISLANDS (193)
 SVO 5.48 130 P 28 50.00 -0.9
 PMG 9.18 245 eP 29 41.00 1.0
 DZM 19.45 148 iPd 31 47.80 1.9
 RMQ 21.78 197 iPd 32 08.30 -0.7
 0.4s 19.00nm 4.9mb
 QLP 23.52 206 iPc 32 25.50 -0.3
 0.4s 90.00nm 5.7mb X
 ARMA 24.97 188 eP 32 40.00 0.4
 0.4s 6.00nm 4.5mb
 WB2 25.10 233 iPc 32 40.80 0.0
 0.3s 77.40nm 5.8mb X
 ASPA 27.55 227 eP 33 01.70 -1.3
 0.5s 4.80nm 4.5mb
 S.D. = 1.4 on 8 of 8 obs.

SEP 27, 1992 07h 34m 11.38±0.38s
 48.903 N ±9.0km 157.395 E ±7.1km
 DEPTH = 33.0km (normol)
 4.6mb (13 obs.)

EAST OF KURIL ISLANDS (222)
 MAT 18.68 236 eP 38 28.00 -0.9
 0.8s 14.93nm 4.2mb
 YAK 20.25 321 eP 38 44.50 -1.7
 1.2s 25.00nm 4.4mb
 FBA 32.67 40 ePd 40 41.94 -0.2
 0.8s 10.57nm 4.8mb
 LZH 40.70 272 eP 41 51.00 0.6
 2.0s 34.00nm 4.7mb
 YKA 47.45 39 eP 42 44.40 0.1
 0.8s 4.00nm 4.5mb
 GUN 57.66 277 P 44 02.08 0.9
 0.3s 8.00nm 5.3mb
 KKN 58.13 277 P 44 05.20 0.9
 PKI 58.19 277 P 44 05.42 0.5
 0.3s 7.00nm 5.2mb
 DMN 58.36 277 P 44 06.36 0.3
 GKN 58.41 278 P 44 06.22 0.0
 BW06 61.14 57 eP 44 25.00 0.1
 1.0s 2.50nm 4.3mb
 SRU 63.04 61 eP 44 37.46 -0.1
 RSSD 63.23 53 eP 44 38.59 -0.2
 0.8s 3.79nm 4.6mb
 PV10 64.39 60 eP 44 47.00 0.5
 NB2 67.07 343 P 45 02.70 -0.4
 1.1s 6.20nm 4.6mb
 WB2 71.55 203 iPc 45 30.00 -1.0
 0.7s 7.80nm 4.8mb
 WRA 71.55 203 P 45 30.20 -0.8
 0.7s 2.00nm 4.3mb
 ASPA 75.23 202 P 45 53.20 0.8
 KHC 77.48 337 eP 46 05.00 0.2
 46 18.60
 GEC2 77.71 336 eP 46 06.40 0.2
 0.5s 0.47nm 3.8mb
 46 22.40
 46 34.90
 46 39.10
 S.D. = 0.7 on 20 of 20 obs.

SEP 27, 1992 08h 14m 20.63±0.89s
 36.296 N ±12.2km 71.073 E ±7.4km
 DEPTH = 245.5 ±12.2 km
 4.4mb (6 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG.(717)
 NDI 9.19 144 iPd 16 30.50 0.6
 0.6s 53.33nm 4.8mb
 MAIO 9.35 273 eP 16 32.00 0.0
 9.35 273 eS 18 25.00
 GKN 14.15 122 P 17 32.02 0.0
 DMN 14.72 122 P 17 38.88 -0.2
 KKN 14.72 121 P 17 38.62 -0.5
 0.6s 122.00nm 5.5mb X
 PKI 14.95 122 P 17 41.64 -0.3

27d 08h

0.5s 47.00nm — 5.2mb X				1.0s 30.00nm 5.4mb				— eS 29 46.40			
GUN	15.06	120 P	17 43.44 0.0	SPA	58.62	180 ePc	12 18.60 0.0	ISK	0.75	299 iPg	29 38.20 -0.1
KAF	37.83	327 eP	21 15.20 0.4		1.0s	23.50nm	5.3mb			iSg	29 48.20
	0.3s	2.00nm	4.1mb	JSC	66.11	351 iP	13 07.06 -1.4	NAL	1.17	115 iP	29 46.10 0.6
NUR	38.03	324 eP	21 16.90 0.4	UYO	68.83	340 iPd	13 24.60 -1.0	EDC	1.61	258 iPn	29 52.40 0.2
	0.4s	8.00nm	4.6mb	ELC	70.44	345 eP	13 34.15 -1.2	SGKT	1.63	94 iP	29 53.70 1.1
GEC2	43.10	305 eP	21 50.40 -7.8X	TUL	70.85	339 iPd	13 37.10 -0.8			eS	30 18.70
	0.6s	0.48nm	3.1mb X		0.8s	9.40nm	4.8mb	DVR	1.64	73 iP	29 52.50 -0.3
	e		21 53.70	LNO	70.85	339 iPd	13 36.50 -1.3			eS	30 16.30
HFS	43.26	322 eP	21 58.70 -0.5	SIO	70.86	339 iP	13 31.60 -6.4X	ALT	1.65	175 iPn	29 53.70 0.8
	0.4s	3.70nm	4.1mb		e		13 54.10			iSg	30 15.30
NB2	44.58	323 P	22 09.40 -0.3	FVM	71.38	344 eP	13 40.05 -1.0	DMK	1.98	305 iPn	29 57.20 -0.3
	0.5s	3.00nm	3.9mb		1.0s	21.40nm	5.1mb	ALN	2.95	275 eP	30 16.30 4.9X
MBC	67.54	3 eP	24 52.00 0.2	LIC	73.65	72 Pc	13 54.92 0.0	S.D. = 0.8 on 10 of 11 obs.			
KIC	74.83	267 P	25 36.00 0.0		0.7s	26.00nm	5.3mb	? SEP 27, 1992 09h 44m 05.24± 1.37s			
TIC	74.89	267 P	25 36.00 -0.4	TIC	73.90	72 Pc	13 56.28 -0.1	47.810 N ± 16.7km 7.569 E ± 6.5km			
WB2	81.84	122 iPd	26 14.20 0.5	KIC	73.96	72 Pc	13 56.84 0.1	DEPTH = 10.0km (geophysicist)			
	0.4s	7.10nm	4.7mb		0.8s	63.00nm	5.6mb	SWITZERLAND (544)			
S.D. = 0.4 on 15 of 16 obs.				MAW	75.41	164 eP	14 04.00 -0.2	ML 1.8 (LDG).			
SEP 27, 1992 09h 02m 24.07± 0.45s				RSNY	75.79	358 iPc	14 06.86 0.3	FEL	0.31	77 ePg	44 11.67 0.0
31.556 S ± 3.5km 71.589 W ± 6.6km					0.7s	18.82nm	5.1mb	BSF	0.52	273 Pg	44 16.10 0.2
DEPTH = 46.5 ± 4.4 km				LMN	77.29	5 eP	14 18.50 3.6X			Sg	44 23.30
5.1mb (20 obs.) 5.5msz (1 obs.)				PV10	77.83	331 eP	14 19.39 1.0	CDF	0.63	342 Pg	44 18.10 0.1
NEAR COAST OF CENTRAL CHILE (135)				PEC	77.99	323 eP	14 19.62 0.5			Sg	44 26.80
MD 4.9 (SAN).					1.0s	5.09nm	4.5mb	HAU	0.84	284 Pg	44 21.30 -0.3
JACH	1.41	143 iPd	02 48.27 0.6	EEO	78.13	355 eP	14 22.50 3.0X			Sg	44 32.30
ROCH	1.49	161 iPd	02 48.64 -0.4	GSC	78.91	324 eP	14 24.98 0.8	S.D. = 0.3 on 4 of 4 obs.			
TLL	1.54	26 iPd	02 50.50 0.7	SRU	79.08	330 eP	14 25.00 -0.2	SEP 27, 1992 09h 46m 11.21± 0.65s			
PEL	1.76	154 iP+	02 53.25 0.6	ARUT	79.28	327 eP	14 26.83 0.6	51.686 N ± 5.7km 16.107 E ± 4.8km			
LCCH	1.91	180 iP+	02 53.64 -1.2	MSU	79.30	329 iP	14 26.74 0.3	DEPTH = 10.0km (geophysicist)			
SAN	2.05	158 iP+	02 56.68 -0.1	ISA	80.05	323 iP	14 31.33 1.0	POLAND (548)			
		iS	03 21.22		0.9s	12.66nm	4.9mb	ML 4.2 (GRF).			
FCH	2.08	148 iP+	02 58.39 0.9	DAU	80.47	330 eP	14 32.82 0.0	BRG	1.58	240 iPn	46 39.50 0.2
TACH	2.16	165 iP+	02 58.18 -0.2	RSSD	80.93	337 eP	14 35.34 0.3			iPg	46 41.30
PCH	2.25	156 iP+	03 00.03 0.4		0.9s	5.59nm	4.5mb			iSg	47 01.20
LNv	2.40	176 iP+	02 59.88 -1.8	BLF	81.32	119 iPc	14 37.50 0.1	BRNL	1.85	295 eP	46 48.00 4.8X
CHCH	2.50	162 iP+	03 03.25 0.0		0.7s	20.00nm	5.2mb	PRU	1.97	211 Pnd	46 44.60 -0.3
MDZ	2.67	120 i(P)	02 55.10 -10.6X	BONR	81.73	324 eP	14 39.92 0.5		0.6s	200.00nm	
CACH	2.69	162 iP+	03 06.38 0.4	BW06	81.77	333 eP	14 39.00 -0.4			Pg	46 47.60
ANT	7.89	8 eP	04 29.70 10.7X		1.0s	3.33nm	4.3mb			e	46 50.00
CCH	14.95	21 eP	05 54.00 -0.4	MEMM	81.83	324 eP	14 40.69 1.2			eSg	47 10.00
ARE	15.03	0 eP	05 59.00 3.7X	HVU	82.25	330 eP	14 41.49 -0.3			e	47 17.50
LPB	15.29	13 P	06 00.00 1.1	SEK	82.80	119 eP	14 47.00 1.8	CLL	1.98	260 iPn	46 45.60 0.6
	Z 22s	2.22um			1.0s	40.00nm	5.4mb			iPg	46 49.40
		LR	11 17.00	ORV	84.56	324 iP	14 54.45 1.0			iSg	47 14.60
ZOBO	15.52	13 P	06 01.90 -0.2	SLR	84.67	117 iPc	14 51.00 -3.6X	VRAC	2.40	172 ePn	46 51.50 0.4
	1.1s	37.70nm	4.5mb		0.9s	21.01nm	5.3mb		0.4s	45.40nm	
	Z 22s	0.90um	4.0msz	JAO	85.08	358 eP	14 53.00 -2.6X			ePg	46 55.50
		LR	10 40.00	LBFM	86.11	325 iP	15 01.31 -0.1	OJC	2.76	121 eP	46 56.50 0.2
PPD	20.41	67 eP	06 58.00 -1.8	BUL	87.93	112 iPc	15 12.80 2.1			iS	47 38.50
RSTA	21.03	77 eP	07 20.00 13.8X		0.9s	6.72nm	4.9mb	HOF	3.00	244 iPnc	47 00.10 0.4
BAO	26.72	59 Pd	08 00.50 -0.7	VGB	88.74	328 iP	15 14.58 0.8	MOX	3.01	252 ePn	47 00.40 0.6
		e	08 08.20	NEW	89.30	332 eP	15 15.00 -1.4			iPg	47 08.40
		e	08 12.70		1.5s	24.78nm	5.3mb			iSg	47 47.20
		e	08 22.00	DPW	89.44	331 iP	15 17.05 0.0	KHC	3.03	213 iPn	46 59.20 -0.9
		e	08 34.00	BCAO	92.40	86 iPc	15 32.00 0.6			Pg	47 05.60
		e	08 37.50		1.1s	14.00nm	5.3mb			Sn	47 33.90
		e	08 45.20			i	15 41.50			Sg	47 45.40
		e	09 49.40	GEC2	110.16	45 ePKP	20 52.00 -0.1	WET	3.28	220 iPnc	47 03.50 -0.1
		e	10 10.40		0.7s	0.60nm		VKA	3.43	178 ePn	47 07.00 1.2
		e	10 23.00			e	20 56.00			ePg	47 14.50
		e	15 40.20			e	21 00.00			eSn	47 48.50
		e	15 53.10			e	21 05.00			iSg	47 58.50
		e	16 07.30	KAF	120.98	33 ePKP	21 11.10 -1.1	ZST	3.55	169 ePn	47 07.70 0.2
		e	16 29.90		0.6s	4.00nm				e	47 16.30
		e	16 49.50	CTK	121.44	59 ePKP	21 14.00 0.1			i	47 37.00
		e	17 01.00	GBA	146.45	115 PKP	22 01.00 0.2			i	47 52.10
		e	17 13.20	YAK	146.55	342 ePKP	21 59.60 0.0			i	48 03.40
		e	17 41.00		1.2s	65.00nm				Lg	48 07.40
BDF	26.77	59 Pd	08 00.60 -1.1	IPM	152.28	164 ePKPd	22 16.60 6.7X	SPC	3.64	132 ePn	47 20.80 11.9X
		e	08 08.10		1.0s	34.60nm				i	47 24.00
		e	08 13.10	GKN	159.07	94 PKP	22 00.00 -18.5X			i	48 09.60
		e	08 23.90	S.D. = 0.9 on 58 of 69 abs.						Lg	48 11.50
		e	08 40.10	SEP 27, 1992 09h 29m 23.64± 0.52s				GRF	3.69	239 iPnc	47 09.90 0.4
		e	08 45.90	40.704 N ± 7.9km 29.924 E ± 4.8km						ePg	47 21.60
		e	16 04.00	DEPTH = 10.0km (geophysicist)						eSg	48 05.10
		e	16 21.30	TURKEY (366)				SRO	4.13	159 e(Pn)	47 18.80 3.1X
		e	16 52.50	MG 3.0 (DDA).						e	47 28.00
		e	17 00.00							i	47 45.30
		e	17 10.50	GBZT	0.37	283 ePg	29 31.20 -0.1			e	48 17.20
		e	17 28.00			iSg	29 36.50	BHG	4.49	209 iPnc	47 22.50 1.7
		e	17 44.80	GPA	0.51	144 iPg	29 33.10 -0.8	PSZ	4.50	145 e(P)	47 20.40 -0.6
NVL	58.42	157 eP	12 16.00 -0.9	GYN	0.71	120 iP	29 36.60 -1.1	FUR	4.71	223 ePn	47 23.30 -0.6

TOD 5.09 249 ePn 47 28.21 -1.1
 WTS 5.77 277 ePn 47 40.00 1.1
 0.6s 8.00nm 4.6mb X
 e 47 50.50
 eS 49 22.00
 PTJ 5.79 181 eP 47 53.60 14.3X
 OGA 5.86 217 iPnd 47 40.40 0.1
 RUP 6.08 254 ePn 47 43.10 -0.2
 RUP 6.08 254 ePn 47 43.12 -0.2
 VBY 6.21 186 e(Pn) 47 44.00 -1.1
 e(Sn) 49 34.00
 MEM 6.45 264 iP 47 48.36 -0.1
 FEL 6.48 237 ePn 47 47.19 -1.9
 DOU 7.46 262 iPd 48 03.10 0.5
 HFS 8.58 352 eP 48 17.70 -0.5
 0.4s 1.10nm 4.5mb X
 S.D. = 0.8 on 25 of 29 obs.

SEP 27, 1992 10h 04m 40.12±0.18s
 1.269 N ± 3.5km 129.245 E ± 4.4km
 DEPTH = 28.2km (16 depth phases)
 5.4mb (65 obs.) 5.7MsZ (28 obs.)
 HALMAHERA, INDONESIA (267)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 73C
 Centroid Location:
 Origin Time 10:04:41.8 0.3
 Lat 1.13N 0.03 Lon 129.50E 0.02
 Dep 30.4 2.4 Half-duration 2.2
 Moment Tensor: Scale 10**17 Nm
 Mrr=-0.30 0.11 Mtt=-1.93 0.15
 Mff= 2.23 0.19 Mrt=-0.41 0.29
 Mrf= 3.11 0.35 Mtf= 6.72 0.12
 Principal Axes:
 T Vol= 7.84 PTg=16 Azm=304
 N -0.27 66 174
 P -7.57 17 39
 Best Double Couple: Mo=7.7*10**17
 NP1: Strike= 81 Dip=66 Slip= -1
 NP2: 172 89 -156

SWI 2.92 136 iPc 05 21.00 -4.7X
 BIP 7.53 337 ePd 05 54.00
 CGP 8.46 328 ePd 06 26.50 -4.3X
 MAP 10.41 330 ePc 07 43.00
 PLP 10.71 337 ePd 06 43.50 -0.3
 TSM 11.75 285 ePc 08 11.00
 MTN 14.15 172 eP 07 01.00 -9.6X
 0.5s 175.00nm 6.0mb
 PGP 14.67 326 eP 07 11.30 -3.4X
 WWKK 15.17 109 eP 07 28.50 -0.4
 TGY 15.17 328 ePd 08 28.00 0.7
 QVP 15.57 329 ePc 08 36.00 3.1X
 MNDI 16.17 117 eP 08 33.00 -3.6X
 KHKI 16.63 235 ePc 08 21.00 -20.2X
 KNA 16.92 182 eP 08 52.00 3.3X
 BCP 17.29 331 eP 09 07.90 0.8
 CVP 17.89 336 eP 09 08.80 -1.8
 LAT 19.40 114 eP 09 09.20 -1.5
 PJG 19.72 51 eP 09 12.00 4.4X
 GUA 19.72 51 eP 08 15.70 1.4
 0.7s 71.23nm 5.1mb
 Z 18s 21.99um 4.2MsZ
 eS 13 00.50
 PMG 20.76 121 eP 09 22.00 0.6
 WRA 21.67 167 P 09 29.00 -1.7
 WB2 21.67 167 iPc 09 29.00 -1.7
 0.4s 112.80nm 5.6mb
 eS 13 26.40
 RAB 23.54 103 eP 09 51.00 1.9
 IS 14 08.00
 OIS 23.95 155 iPd 09 52.90 -0.1
 0.4s 23.00nm 5.1mb
 MBL 24.12 202 eP 09 55.00 0.3
 eS 14 30.00
 ASPA 25.20 170 eP 10 05.00 -0.1
 0.7s 154.30nm 5.7mb
 Z 18s 33.20um 5.9MsZ
 eS 14 31.00
 e 19 10.40
 HKC 25.54 326 ePc 10 08.30 0.1
 eS 14 51.00
 QZH 25.69 337 eP 10 09.50 -0.1

1.0s 170.00nm 5.6mb
 Z 23s 16.10um 5.5MsZ
 E 10s 4.22um
 KGM 25.93 272 ePd 10 11.00 -1.0
 e 14 49.00
 QIZ 25.94 314 Pd 10 13.50 1.4
 0.7s 41.00nm 5.2mb
 N 12s 8.70um
 E 12s 4.41um
 GZH 26.62 326 Pc 10 18.00 -0.2
 1.0s 50.00nm 5.1mb
 Z 20s 9.61um 5.3MsZ
 N 12s 5.23um
 E 14s 5.96um
 CTA 26.99 143 iPc+ 10 20.50 -1.2
 2.2s 153.85nm 5.2mb
 e 10 40.00 86kmX
 e(PP) 11 45.00
 e(PPP) 13 45.00
 eS 14 59.00
 e 15 17.50
 NANU 27.20 209 eP 10 24.00 0.5
 0.8s 99.00nm 5.5mb
 WARB 27.41 185 eP 10 26.00 0.6
 0.5s 16.00nm 4.9mb
 eS 15 02.00
 IPM 28.37 277 ePd 10 36.00 1.7
 e 15 09.20
 MEEK 29.58 200 eP 10 45.00 -0.1
 SSE 30.63 346 P 10 50.00 -4.2X
 1.0s 18.00nm 4.8mb
 Z 20s 14.70um 5.6MsZ
 N 11s 5.80um
 E 11s 6.20um
 pP 11 03.50 53kmX
 S 15 54.00
 OLP 31.24 153 eP 10 58.10 -1.6
 0.2s 24.00nm 5.7mb
 eS 15 55.00
 NNT 31.33 292 eP 11 01.80 1.2
 LOE 31.45 302 eP 11 03.00 1.3
 e 15 35.00
 NST 32.08 298 eP 11 09.00 1.8
 e 15 43.50
 NJ2 32.15 343 Pd 11 07.80 0.2
 N 11s 2.61um
 E 10s 1.70um
 WHN 32.36 336 ePd 11 10.50 1.0
 1.0s 67.00nm 5.5mb
 Z 20s 16.90um 5.7MsZ
 N 14s 5.56um
 HNR 32.37 110 eP 11 24.40
 eS 11 20.00 0.2
 GYA 33.15 321 iPc 11 17.00 0.5
 1.2s 62.00nm 5.4mb
 N 14s 5.21um
 E 14s 3.51um
 RMQ 33.41 147 eP 11 17.10 -1.5
 1.3s 57.00nm 5.3mb
 BDT 33.71 300 eP 11 20.90 -0.5
 KLB 34.45 197 eP 11 28.00 0.4
 eS 16 01.00
 KMI 34.88 315 Pc 11 32.00 0.3
 1.8s 180.00nm 5.7mb
 Z 30s 10.00um 5.4MsZ
 N 14s 4.50um
 E 11s 3.00um
 pP 11 41.00 31km
 STKA 34.98 161 iPc 11 30.70 -1.4
 STK 34.99 162 P 11 31.60 -0.6
 MUN 35.30 199 eP 11 35.00 0.2
 eS 16 08.00
 MAT 36.06 12 eP 11 39.00 -2.3
 0.9s 14.29nm 4.9mb
 eS 17 04.00
 CMS 36.18 156 eP 11 43.00 0.7
 0.6s 9.00nm 4.9mb
 eS 16 20.40
 BRS 36.39 143 iPc 11 43.00 -1.2
 1.3s 14.00nm 4.7mb
 i 11 53.00 34km
 eS 17 30.00
 TIA 36.54 343 eP 11 44.70 -0.6
 Z 25s 15.40um 5.7MsZ
 N 11s 4.06um

- E 10s 2.63um
 sP 11 59.00
 S 17 19.00
 ADE 37.12 167 e(P) 11 50.00 0.6
 XAN 37.74 332 Pc 11 54.70 -0.8
 1.0s 71.00nm 5.5mb
 Z 32s 10.60um 5.4MsZ
 N 13s 4.29um
 E 13s 2.65um
 pP 12 04.00 32km
 sP 12 07.80
 ScS 22 08.00
 ARMA 38.05 148 iPd 11 58.10 -0.1
 1.0s 143.00nm 5.8mb
 DL2 38.10 350 eP 12 00.00 1.7
 0.8s 120.00nm 5.8mb
 Z 15s 4.09um 5.4MsZ
 N 13s 2.32um
 E 13s 7.73um
 S 17 50.00
 CD2 38.10 323 eP 11 57.60 -0.9
 0.7s 94.00nm 5.7mb
 Z 30s 11.90um 5.5MsZ
 N 11s 4.81um
 S 17 55.00
 TIY 39.43 339 eP 12 09.50 -0.1
 1.3s 100.00nm 5.4mb
 Z 24s 10.20um 5.6MsZ
 N 12s 2.57um
 E 14s 5.19um
 pP 12 17.00 25km
 S 18 10.00
 BWA 39.81 155 eP 12 12.60 -0.1
 i 12 18.70 21km
 BFD 40.19 163 eP 12 17.30 1.5
 eS 16 54.50
 BJI 40.38 344 eP 12 17.00 -0.3
 1.5s 86.00nm 5.3mb
 Z 24s 7.37um 5.5MsZ
 N 11s 3.06um
 ePP 13 49.00
 eS 18 16.00
 RIV 40.54 151 eP 12 24.00 5.3X
 SNY 40.70 354 Pc 12 19.00 -0.8
 1.0s 27.00nm 4.9mb
 Z 22s 11.10um 5.7MsZ
 E 14s 5.15um
 pP 12 28.00 30km
 iS 18 30.00
 CAN 40.82 155 eP 12 18.60 -2.4
 i 12 23.40 16kmX
 CNB 40.97 155 eP 12 25.30 3.0X
 1.4s 60.00nm 5.1mb
 TOO 41.47 160 eP 12 27.30 1.0
 0.5s 15.00nm 5.0mb
 LZH 41.89 329 iPc 12 30.50 0.6
 1.5s 500.00nm 6.0mb
 Z 30s 10.80um 5.5MsZ
 N 10s 3.70um
 pP 12 40.00 32km
 sP 12 45.00
 PP 14 10.00
 S 18 44.00
 sS 19 02.00
 CN2 42.48 356 P 12 33.80 -0.7
 1.6s 27.00nm 4.7mb
 Z 19s 10.80um 5.8MsZ
 N 10s 2.66um
 E 10s 3.72um
 epP 12 42.00 28km
 eS 18 52.00
 eSS 21 55.00
 HHC 42.53 340 iPd 12 35.30 0.2
 1.0s 92.00nm 5.5mb
 Z 24s 10.40um 5.6MsZ
 N 12s 3.21um
 E 13s 3.19um
 sP 12 42.00
 PP 14 16.00
 PcP 14 26.00
 S 18 56.00
 sS 19 03.50
 SS 22 04.00
 ScS 22 30.00
 BTO 42.86 338 P 12 37.00 -0.7
 N 13s 3.23um
 E 16s 2.74um

			ePPP	21	55.00	
			eS	27	30.00	
			eSS	32	20.00	
			eSSS	37	20.00	
MAW	82.34	201	eP	17	01.00	0.6
	1.0s	14.00nm				5.8mb
			ePP	21	35.00	
REF	83.02	29	eP	17	03.69	-0.6
MAK	83.14	313	iP+	16	56.50	-8.5X
			e	20	22.00	
			ePPP	22	08.00	
			ePS	28	18.00	
			eSS	32	44.00	
			eSSS	36	06.00	
CPKM	83.37	28	eP	17	07.15	1.0
IMA	83.61	24	eP	17	08.90	1.7
	1.9s	133.20nm				5.8mb
TAB	83.64	308	eP	17	16.00	8.1X
BRW	83.70	18	eP	17	09.13	1.8
SLKM	84.23	29	eP	17	12.09	1.9
GRO	84.44	313	eP	17	11.00	-0.6
	Z	16s	1.50um			5.5Mszx
	N	20s	4.00um			
	E	20s	1.00um			
			i	17	20.00	28km
			iS	27	32.00	
			eSS	32	59.00	
PMS	84.65	29	e(P)	17	10.10	-2.2
	1.4s	30.40nm				5.3mb
			e	17	18.40	26km
			e	17	18.60	
			i	17	28.10	
			i	17	28.20	
PMR	84.90	28	eP	17	12.93	-0.5
	1.4s	109.65nm				5.9mb
MTA	85.01	312	eP	17	16.00	1.6
			eS	27	43.00	
			ePPS	29	10.00	
ERE	85.16	310	iP+	17	16.00	0.6
			iS	27	47.00	
FBA	85.86	25	eP	17	18.08	-0.2
	1.3s	9.04nm				4.8mb
ARO	86.22	281	eP+	17	26.30	5.2X
TOA	86.34	28	e(P)	17	22.10	1.3
			i	17	37.90	55kmX
PYA	86.38	314	iPc	17	21.00	-0.3
			e	17	35.00	48kmX
			e	20	44.00	
			iS	28	00.00	
			iPPS	28	56.00	
KLU	86.42	29	eP	17	21.64	0.5
SOC	88.79	313	eP	17	38.00	5.1X
	Z	20s	0.90um			5.2Msz
	N	18s	1.50um			
			e	28	00.00	
MOS	89.88	326	eP	17	38.00	0.3
	1.6s	60.00nm				5.6mb
	Z	21s	4.00um			5.8Msz
			e	21	14.00	
			e	28	08.00	
			eS	28	28.00	
			ePS	29	35.00	
OBN	90.49	325	eP-	17	40.00	-0.5
	1.2s	31.00nm				5.5mb
	Z	24s	3.30um			5.7Mszx
	E	24s	1.60um			
			iS	28	32.00	
			ePS	29	34.00	
ANN	90.50	315	eP	17	43.00	2.2
	Z	18s	1.00um			5.3Msz
	N	20s	1.00um			
	E	20s	1.70um			
			e	28	14.00	
			eS	28	35.00	
SPA	91.26	180	eP	17	46.60	2.5X
	1.3s	20.83nm				5.3mb
	Z	18s	5.91um			6.0Msz
SIM	92.75	315	eP	17	55.00	3.8X
	Z	24s	2.00um			5.5Mszx
	N	24s	1.40um			
	E	24s	2.00um			
			eS	28	58.00	
			ePS	30	05.00	
PUL	93.41	330	(P)			

KAF	94.92	333	iP	18 04.30	3.5X	TSRJ	34.65	10	P	16 03.20	-0.1			0.7s	30.00nm	5.5mb
	0.5s				4.9mb	KMI	34.93	315	Pc	16 06.50	0.4		SMY	63.32	29 P	19 50.00 7.3X
KIS	96.15	317	eP	18 12.00	5.3X		1.4s	170.00nm			5.8mb		Z 21s	5.43um	5.7Msz	
			e	28 44.00		STKA	34.96	162	eP	16 04.70	-1.3		TIK	70.26	360 iPd	20 25.00 -1.3
			e	29 26.00				iS	21 45.30				1.5s	84.00nm	5.6mb	
VR1	97.80	316	eP	18 01.50	-12.7X	CHJJ	35.75	13	P	16 10.40	-2.3		Z 17s	6.20um	5.9MszX	
MLR	98.40	316	eP	18 04.00	-13.1X	MTMJ	36.01	12	P	16 13.70	-1.2			i	20 36.00 36km	
BUC1	98.55	315	eP	18 06.00	-11.6X	TIA	36.56	343	eP	16 19.90	0.4			i	20 51.00	
UZH	100.19	320	ePdiff18	26.50	1.5	NIIJ	36.89	13	eP	16 21.20	-1.0			iS	29 35.00	
	0.8s	25.00nm			5.8mb	ADE	37.10	167	eP	16 25.20	1.1		MAIO	73.05	308 eP	20 44.00 0.1
HFS	101.35	333	ePdiff18	28.50	-1.4	ARMA	38.01	148	eP	16 31.30	-0.6		ILT	75.32	18 iPc	20 57.20 0.9
	1.4s	30.50nm			5.7mb		1.0s	193.00nm			5.9mb			1.4s	46.00nm	5.3mb
VAY	101.63	313	ePdiff18	31.40	-0.2	CD2	38.14	323	iPc	16 32.40	-0.5		SVE	77.39	328 eP	21 06.00 -2.0
NB2	102.09	334	Pdiff18	34.50	1.3		1.2s	210.00nm			5.9mb		SDN	77.78	33 P	21 20.00 9.8X
	0.9s	3.90nm			5.0mb	TIY	39.46	339	P	16 43.50	-0.3			Z 19s	0.78um	5.0Msz
OHR	102.98	313	ePdiff18	38.70	1.0		1.0s	69.00nm			5.4mb		ARU	78.35	328 eP	21 12.00 -1.4
CLL	105.09	324	ePKP	23 07.00	5.7X		Z 20s	8.25um			5.6Msz			e	21 24.00 40km	
	Z 20s	1.50um			5.5Msz		N 14s	4.47um					SVW	81.70	28 eP	21 33.60 2.4
KHC	105.54	322	ePKP	22 51.50	-10.8X	BWA	39.78	155	eP	16 46.70	0.2		TTA	81.93	26 eP	21 34.50 2.1
	Z 18s	1.80um			5.7Msz			i	16 53.80	24km		IMA	83.58	24 eP	21 42.57 1.6	
	N 18s	1.30um				BJI	40.40	344	eP	16 51.00	-0.4			1.3s	27.44nm	5.2mb
	E 18s	1.50um					1.4s	140.00nm			5.5mb		BRW	83.68	18 eP	21 43.70 2.5
				23 26.00			Z 20s	6.32um			5.5Msz		SLKM	84.20	29 eP	21 41.98 -2.1
				30 48.00			N 16s	4.08um				PMR	84.86	28 eP	21 46.93 -0.3	
GEC2	105.56	322	ePdiff18	52.10	3.1X	SNY	40.71	353	Pc	16 53.70	-0.2			1.3s	80.68nm	5.8mb
	1.1s	1.65nm			4.9mb		1.0s	51.00nm			5.2mb		Z 21s	2.36um	5.5Msz	
MOX	106.15	324	ePdiff19	00.00	8.5X			pP	17 00.30		22km		MTA	85.06	312 iP	21 50.40 1.7
	Z 20s	1.60um			5.6Msz			sP	17 02.70					e	21 56.00 18kmX	
	N 19s	1.80um				CAN	40.79	155	eP	16 57.00	2.2		ERE	85.22	310 eP	21 52.00 2.3
	E 20s	1.50um						e	17 01.40	15kmX		TOA	86.31	28 eP	21 57.10 2.5	
TRI	106.60	319	ePKP	23 20.00	15.7X									1.1s	77.40nm	5.8mb
			e	32 48.00		TOO	41.45	160	eP	17 01.00	0.9		APA	91.13	338 ePd	22 22.90 5.6X
			eLR	00 36.00			0.2s	31.00nm			5.7mb		SIT	91.87	33 P	22 30.00 9.2X
BCAO	110.54	275	iPKPc	22 54.40	-18.4X	LZH	41.93	329	Pc	17 05.00	0.7			Z 20s	1.23um	5.3Msz
	1.1s	11.00nm					1.5s	410.00nm			5.9mb		MBC	93.77	13 eP	22 30.00 0.7
				23 26.50			Z 20s	10.40um			5.7Msz		KAF	94.96	333 eP	22 34.30 -0.7
				27 50.20			E 13s	3.49um				UZH	100.23	320 ePdiff23	00.50 1.4	
KIC	133.45	280	PKP	24 00.30	3.7X			pP	17 15.00		34km			1.0s	25.00nm	5.7mb
			e	28 32.00				sP	17 20.00			HFS	101.38	333 ePdiff123	02.70 -1.3	
MDZ	144.24	153	i(PKP)	24 19.60	3.8X			PP	18 47.00				0.5s	1.30nm	4.8mb	
LPA	145.87	169	ePKP	24 22.00	3.6X			eS	23 18.00			WDC	102.88	48 Pdiff	23 20.00 8.8X	
	Z 20s	2.84um			6.0Msz			sS	23 36.00				Z 21s	5.03um	6.0Msz	
LPB	157.16	133	ePKP	24 40.00	4.1X			SS	26 20.00			PRU	104.69	323 ePdiff23	06.00 -13.0X	
	Z 22s	2.22um			6.0Msz	CN2	42.49	356	Pc	17 09.00	0.5			Z 21s	1.50um	5.5Msz
			LR	19 10.00			1.0s	33.00nm			5.0mb		N 21s	1.20um		
ZOBO	157.29	132	PKP	24 40.00	3.6X	HHC	42.55	340	P	17 09.60	0.3		E 22s	0.90um		25 15.00
			LR	19 48.00		BTO	42.88	338	eP	17 11.20	-0.8			e	33 13.00	
						MDJ	43.16	0	eP	17 14.70	0.7		KHC	105.58	322 ePKP	27 40.00 3.6X
							1.4s	150.00nm			5.5mb			e	27 55.00	
							Z 19s	8.48um			5.7Msz		GEC2	105.60	322 ePKP	27 47.10 10.6X
							N 12s	3.23um						1.4s	4.68nm	
						LSA	45.99	312	Pc	17 38.80	1.3			e	27 57.20	
							0.6s	57.00nm			5.7mb			e	28 08.10	
						GTA	46.53	328	P	17 41.00	-0.2		GRF	106.80	323 e(Pdiff23	26.00 -2.4X
							1.0s	65.00nm			5.6mb			Z 20s	2.00um	5.7Msz
								pP	17 47.50		22km			e	25 46.60	
SWI	2.88	137	iP	09 57.00	-2.2									e	32 43.00	
			iS	10 29.00		YSS	47.04	13	eP	17 44.20	-0.8		TPNV	108.55	50 PKP	27 50.00 7.4X
TSM	11.82	285	ePc	12 03.80	-0.2		49.25	307	P	18 02.20	-0.8			Z 21s	5.42um	6.1Msz
MTN	14.14	173	eP	12 31.00	-3.8X	GUN	49.49	306	P	18 03.90	-0.9		FIR	108.99	317 ePdiff23	42.00 3.7X
	0.4s	146.00nm			6.0mb	PKI	49.69	306	P	18 05.20	-0.9		RSSD	114.49	39 ePKP	27 52.77 -1.0
MNDI	16.11	117	eP	13 00.00	-0.7		49.75	306	P	18 06.20	-0.5			Z 21s	1.91um	5.7Msz
KHKI	16.68	235	e(P)	13 08.80	1.1	KKN	50.29	306	P	18 10.20	-0.5		SLM	126.16	38 PKP	28 30.00 14.0X
			e	18 46.10		DMN	52.39	291	eP	18 25.00	-1.6			Z 19s	1.81um	5.8Msz
PJG	19.67	51	eP	13 43.40	-0.7	GKN	52.75	286	P	18 28.00	-1.2		MIAR	126.31	44 ePKP	28 15.99 -0.4
GUA	19.67	51	eP	13 43.50	-0.7	HYB	53.70	340	eP	18 36.00	0.4			Z 22s	3.65um	6.0Msz
	1.3s	492.31nm			5.6mb	G8A						RSNY	129.68	22 PKP	28 30.00 7.5X	
PMG	20.70	121	eP	13 57.00	2.2	ZAK							Z 21s	1.78um	5.7Msz	
WB2	21.65	167	iPc	14 03.20	-1.4		Z 17s	6.06um			5.7MszX	MCWV	131.30	30 PKP	28 40.00 14.3X	
	0.9s	111.80nm			5.3mb		N 18s	2.40um					Z 21s	1.98um	5.8Msz	
							E 16s	4.85um				CEH	134.53	33 PKP	28 40.00 8.0X	
													Z 21s	1.62um	5.7Msz	
QIS	23.92	156	eP	14 27.00	0.2							MDZ	144.21	153 i(PKP)	28 46.50 -3.2X	
	0.4s	20.00nm			5.0mb										S.D. = 1.3 on 75 of 93 obs.	
GZH	26.66	326	P	14 48.00	-4.6X	WMO	56.21	325	P	18 55.00	0.8					
NANU	27.23	209	eP	14 57.00	-0.9		1.2s	65.00nm			5.5mb					
KAGJ	29.79	3	eP	15 22.10	1.2		Z 16s	3.37um			5.5MszX					
SSE	30.65	346	P	15 30.00	1.6		N 12s	2.78um								
	1.0s	15.00nm			4.8mb		E 12s	1.85um								
KUMJ	31.13	2	eP	15 40.00	35km											
NNT	31.40	292	eP	15 35.20	0.0	BOD	57.68	350	eP	19 05.00	33km					
NJ2	32.17	343	Pc	15 41.80	0.0	YAK	60.60	0	iPc	19 03.90	-0.4					
WHN	32.39	335	Pd	15 46.20	2.5		1.2s	176.00nm</								

27d 10h

			Sn	11	49.70	
			eSg	11	55.70	
			e	12	03.50	
CLL	1.95	261	iPn	11	31.30	-0.4
			ePg	11	35.00	
			eSg	12	01.00	
VRAC	2.36	172	ePn	11	37.70	0.2
	0.4s			9.40nm		
KHC	2.98	214	Pn	11	45.50	-0.9
			ePg	11	53.50	
			Sn	12	21.60	
			Sg	12	31.50	
MOX	2.98	252	ePg	11	55.10	8.6X
			iSg	12	33.40	
GEC2	3.19	210	ePn	11	49.40	-0.1
	0.3s			1.45nm		
			ePg	11	55.30	
GRF	3.66	240	ePn	12	00.00	4.0X
			ePg	12	09.70	
			eSg	12	55.00	

S.D. = 0.8 on 6 of 8 obs.

SEP 27, 1992 10h 25m 11.93±1.07s
 6.164 S ± 6.0km 150.576 E ± 9.6km
 DEPTH = 54.1 ± 11.2 km
 4.6mb (7 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	2.52	39	iP	25	51.00	-0.2
	0.5s			2873.24nm		
YYYY	4.58	269	eP	26	29.30	8.8X
PMG	4.67	226	eP	26	22.00	0.3
			eS	27	15.00	
MNDI	6.88	270	eP	27	00.00	7.2X
CTA	14.46	196	iP	28	34.00	-1.2
	1.0s			10.00nm		4.2mb
			i	28	42.50	
MTN	20.29	249	eP	29	44.60	-1.3
RMO	20.29	185	iPd	29	46.00	0.1
	0.9s			240.00nm		5.5mb
GUA	20.37	344	eP	29	47.50	0.8
	1.1s			486.00nm		5.7mb X
			pP	29	55.70	31kmX
PJG	20.43	344	eP	29	47.60	0.3
WB2	20.88	228	iPc	29	51.60	-0.4
	0.5s			25.60nm		4.8mb
QLP	21.19	196	eP	29	56.20	1.2
	0.8s			44.00nm		4.9mb
BRS	21.21	175	iPd	29	55.50	0.1
	1.5s			7.00nm		3.8mb
DZM	22.03	137	iPc	30	03.20	-0.4
ASPA	23.67	221	iPc	30	20.60	1.1
	1.5s			22.00nm		4.4mb
			eS	34	35.20	
ARMA	24.15	178	eP	30	25.20	1.0
	1.1s			27.00nm		4.7mb
CMS	25.58	189	iPc	30	38.90	1.2
STKA	26.92	197	eP	30	48.90	-1.2
LZH	60.69	317	eP	35	35.00	14.6X
	2.0s			30.00nm		
KHC	123.92	327	ePKP	44	05.00	-0.7
GEC2	124.02	327	ePKPd	44	05.90	-0.1
	0.8s			2.10nm		
			e	44	16.50	
GRF	124.82	329	ePKP	44	10.30	2.9X
BCAO	132.23	270	iPKPc	44	23.50	0.9
	1.6s			39.00nm		
			i	47	48.80	
			e	57	24.00	
PPD	144.71	143	(PKP)	44	44.00	-1.2
BAO	151.59	140	PKPc	45	03.50	7.2X
			e	45	12.20	
			e	45	21.00	

S.D. = 0.9 on 19 of 24 obs.

SEP 27, 1992 11h 00m 49.54±0.91s
 17.061 N ± 9.6km 99.445 W ± 7.0km
 DEPTH = 33.0km (normal)
 GUERRERO, MEXICO (59)

ACX	0.44	244	iP	00	58.50	-0.8
			iS	01	05.00	
III	1.31	359	iP	01	12.00	0.2
			iS	01	28.75	
IIT	2.23	29	iP	01	24.50	-0.6
			iS	01	53.50	
UNM	2.27	6	iP	01	25.00	-0.8

OXX	2.60	89	eP	01	31.25	-0.8
			iS	02	03.00	
IISM	2.75	45	iP	01	32.00	-0.2
MRX	3.11	328	eP	01	38.00	0.6
			iS	02	12.50	
CGX	4.63	305	eP	02	00.00	0.8
TUL	19.05	9	e(P)	05	08.00	-3.8X

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

* SEP 27, 1992 11h 15m 58.01±0.63s
 1.398 N ± 14.2km 129.597 E ± 29.3km
 DEPTH = 33.0km (normal)
 4.8mb (5 obs.)
 HALMAHERA, INDONESIA (267)

SWI	2.79	143	iPc	16	39.50	-1.9
			iS	17	13.00	
MTN	14.23	174	eP	19	13.50	-5.9X
WB2	21.72	168	eP	20	47.10	-1.3
	0.5s			12.10nm		4.6mb
			eS	24	39.60	
QIS	23.92	156	eP	21	11.10	1.0
ASPA	25.26	171	eP	21	23.40	0.4
	0.7s			15.90nm		4.7mb
STKA	34.99	162	eP	22	49.50	0.0
			i	22	54.30	
MAT	35.87	12	eP	22	57.00	0.1
ARMA	37.97	148	eP	23	17.20	2.4
	0.7s			18.00nm		5.0mb
BJI	40.35	344	eP	23	34.00	-0.3
LZH	41.96	328	Pc	23	48.50	0.7
	1.5s			40.00nm		4.9mb
			pP	23	56.00	25kmX
			sP	24	07.50	
GTA	46.57	328	eP	24	24.30	-0.4
	1.0s			9.00nm		4.7mb
WMO	56.27	324	eP	25	37.00	-0.8

S.D. = 1.3 on 11 of 12 obs.

SEP 27, 1992 11h 55m 15.51±0.42s
 37.806 N ± 4.2km 14.802 E ± 2.9km
 DEPTH = 33.0km (normal)
 4.1mb (4 obs.)
 SICILY (398)
 ML 3.8 (TTG), 3.6 (ROM), MD 4.0
 (THE).

MNO	0.15	326	Pd	55	21.70	-0.2
			eSg	55	24.00	
ATN	0.63	56	Pc	55	30.30	2.3
			eSg	55	37.70	
GIB	0.64	287	Pc	55	26.40	-1.8
			eSg	55	35.50	
MEU	0.71	172	Pd	55	29.60	0.4
			eSg	55	40.70	
MSI	0.72	56	Pc	55	31.60	2.5
PZI	0.78	173	P	55	31.05	1.0
GMB	0.91	66	P	55	34.88	2.8X
MCT	0.94	260	P	55	33.50	0.9
SOI	1.03	75	Pc	55	36.90	3.3X
			eSg	55	52.00	
CVT	1.60	266	P	55	41.90	0.1
			eSg	56	03.90	
ERC	1.77	278	P	55	44.40	0.1
			eSg	56	04.70	
LVI	1.96	276	P	55	46.60	-0.4
TDS	2.21	33	P	55	51.40	0.9
			eSg	56	20.50	
MGR	2.40	14	P	55	53.50	0.2
SGO	2.78	8	P	55	59.00	0.4
			eSn	56	33.50	
RFI	3.55	350	P	56	10.40	0.9
BRT	3.59	31	P	56	11.00	0.8
BAI	3.67	25	P	56	12.00	0.7
DUI	3.86	356	P	56	15.20	1.1
RDP	4.26	339	P	56	19.90	0.1
AZI	4.31	346	P	56	20.50	0.2
RMP	4.31	339	P	56	20.50	0.0
KEK	4.34	62	eP	56	24.40	3.5X
VLO	4.51	52	ePn	56	17.00	-6.3X
SRN	4.56	61	ePn	56	21.80	-2.1
VLS	4.59	84	eP	56	24.00	-0.4
IGT	4.66	67	ePn	56	28.34	3.0X
			eSn	57	18.90	
AQU	4.67	347	P	56	27.60	2.1
TPE	4.76	57	ePn	56	24.20	-2.5X
MNS	4.85	341	P	56	29.20	1.1

TTT	5.27	46	ePn	56	34.20	-0.2
			eSn	57	34.00	
LACI	5.38	43	ePn	56	36.00	0.5
ULC	5.38	38	iPnc	56	35.19	-0.3
			iSn	57	31.77	
HCY	5.43	30	iPnc	56	35.68	-0.6
			iSn	57	32.56	
BDV	5.43	33	iPnd	56	35.52	-0.8
			iSn	57	32.56	
ASS	5.51	343	P	56	39.10	1.7
SDA	5.57	39	ePn	56	38.30	0.1
OHR	5.69	53	ePn	56	39.50	-0.5
TTG	5.74	35	iPnd	56	39.91	-0.7
			iSn	57	40.68	
PHP	5.82	47	ePn	56	41.20	-0.6
			iSn	57	48.20	
BRY	5.84	28	iPnc	56	41.37	-0.7
			iSn	57	43.12	
ARV	5.86	347	P	56	42.50	0.2
FNA	5.90	58	ePn	56	45.82	2.8X
			eSn	57	50.06	
NKY	5.94	31	iPnc	56	42.39	-1.2
			iSn	57	45.33	
KZN	5.97	63	eP	56	46.40	2.4X
AGG	6.04	76	ePn	56	45.38	0.5
			eSn	57	52.02	
KKS	6.06	44	ePn	56	47.30	2.1
CRE	6.21	340	P	56	48.50	1.2
PVY	6.21	38	iPnd	56	47.38	0.0
			iSn	57	52.87	
IVA	6.38	36	iPnc	56	50.13	0.4
			iSn	57	56.51	
LIT	6.41	67	ePn	56	50.94	0.8
			eSn	58	00.02	
PGF	6.49	319	Pn	56	49.70	-1.6
			Sn	57	58.70	
PGD	6.50	340	P	56	53.50	2.1
SFI	6.50	341	P	56	53.00	1.7

27d 12h

0.4s 1.60nm 3.8mb
 NB2 23.37 356 P 00 19.90 -1.8
 0.7s 0.90nm 3.4mb
 S.D. = 1.1 on 70 of 87 obs.

% SEP 27, 1992 11h 57m 33.33±0.78s
 37.871 N ±12.3km 14.619 E ± 8.9km
 DEPTH = 27.6 ± 10.5 km

SICILY (398)

MNO 0.08 45 Pd 57 38.60 0.1
 eSg 57 43.70
 GIB 0.48 284 P 57 43.40 0.0
 eSg 57 51.10
 ATN 0.73 66 P 57 47.00 -0.4
 eSg 58 00.00
 MEU 0.81 162 P 57 48.80 0.0
 eSg 57 58.80
 MSI 0.81 66 P 57 49.10 0.4
 eSg 58 02.10
 SOI 1.15 80 P 57 53.60 0.0
 eSg 58 08.50
 S.D. = 0.4 on 6 of 6 obs.

SEP 27, 1992 12h 19m 44.99±0.62s
 37.837 N ± 8.8km 14.725 E ± 5.2km
 DEPTH = 31.1 ± 6.2 km
 4.0mb (1 obs.)

SICILY (398)

MNO 0.10 346 Pc 19 50.10 -0.7
 GIB 0.57 286 P 19 54.80 -1.9
 eSg 20 03.50
 ATN 0.67 61 P 19 59.00 0.9
 eSg 20 10.30
 MSI 0.75 61 Pc 20 00.30 1.0
 eSg 20 15.30
 MEU 0.75 167 Pd 19 58.20 -1.2
 eSg 20 08.90
 MCT 0.89 257 P 20 02.30 0.9
 SOI 1.08 77 Pc 20 05.50 1.6
 eSg 20 22.10
 CVT 1.54 265 P 20 12.30 1.7
 LVI 1.89 275 Pd 20 15.30 -0.4
 eSn 20 39.10
 TDS 2.21 34 P 20 20.10 -0.2
 eSn 20 45.00
 MGR 2.39 15 P 20 22.00 -0.8
 SGO 2.76 9 P 20 27.40 -0.5
 DUI 3.82 357 P 20 44.30 1.1
 OHR 5.72 53 ePn 21 07.00 -3.1X
 AGG 6.09 76 eP 21 14.70 -0.5
 eS 22 21.00
 LIT 6.46 67 eP 21 19.40 -1.0
 SKO 6.61 49 ePn 21 07.00 -15.5X
 i 22 33.00
 GRG 6.71 60 eP 21 22.40 -1.6
 MOX 13.00 351 e(P) 22 49.50 -0.5
 EKA 21.28 331 P 24 28.00 -2.7X
 1.3s 9.30nm 4.0mb
 S.D. = 1.2 on 17 of 20 obs.

% SEP 27, 1992 12h 22m 41.04±0.87s
 37.789 N ± 8.5km 14.636 E ± 7.5km
 DEPTH = 19.5 ± 11.3 km

SICILY (398)

MNO 0.15 18 P 22 46.00 0.3
 GIB 0.52 293 P 22 51.60 0.1
 eSg 23 01.70
 MEU 0.73 161 P 22 54.90 0.0
 eSg 23 08.30
 ATN 0.75 60 P 22 55.40 0.1
 eSg 23 08.40
 MSI 0.84 60 P 22 57.40 0.7
 eSg 23 11.40
 SOI 1.16 75 Pc 23 01.90 -0.2
 TDS 2.29 35 P 23 17.50 -0.9
 S.D. = 0.7 on 7 of 7 obs.

% SEP 27, 1992 12h 23m 54.47±0.92s
 37.768 N ± 9.9km 14.547 E ± 8.8km
 DEPTH = 33.0km (normal)

SICILY (398)

MNO 0.20 36 P 24 00.00 -1.3
 eSg 24 05.00

GIB 0.47 298 P 24 05.00 0.3
 eSg 24 15.50
 MEU 0.73 155 P 24 08.40 0.0
 eSg 24 20.60
 ATN 0.82 61 P 24 10.00 0.4
 eSg 24 20.50
 SOI 1.23 75 P 24 15.70 0.3
 eSg 24 32.50
 TDS 2.35 36 P 24 32.00 0.4
 S.D. = 0.9 on 6 of 6 obs.

? SEP 27, 1992 12h 28m 38.07±2.05s
 33.826 N ±66.6km 68.303 E ±41.3km
 DEPTH = 33.0km (normal)
 4.5mb (3 obs.)

AFGHANISTAN (709)

GKN 15.17 108 P 32 12.16 0.5
 DMN 15.72 109 P 32 20.28 1.4
 KKN 15.77 108 P 32 19.62 0.1
 PKI 15.97 108 P 32 22.52 0.3
 GUN 16.20 107 P 32 23.00 -2.1
 HFS 43.86 324 eP 36 43.10 0.5
 0.5s 4.80nm 4.5mb
 NB2 45.24 325 P 36 53.40 -0.4
 0.5s 2.00nm 4.3mb
 WB2 82.53 120 iPd 40 58.80 -0.3
 0.4s 2.20nm 4.6mb
 S.D. = 1.2 on 8 of 8 obs.

% SEP 27, 1992 12h 37m 37.24±0.69s
 37.791 N ± 6.6km 14.686 E ± 5.0km
 DEPTH = 19.3 ± 13.6 km

SICILY (398)

ML 2.7 (ROM).
 MNO 0.14 3 Pc 37 41.90 0.1
 eSg 37 46.00
 GIB 0.56 291 Pc 37 46.50 -1.8
 eSg 37 56.00
 MEU 0.72 164 Pd 37 50.20 -0.8
 eSg 38 01.20
 ATN 0.72 59 P 37 50.80 -0.1
 eSg 38 01.10
 PZI 0.78 166 P 37 51.68 -0.4
 MSI 0.80 59 P 37 52.20 -0.1
 eSg 38 06.50
 MCT 0.85 259 P 37 53.90 0.6
 GMB 1.00 68 P 37 55.66 -0.2
 SOI 1.12 75 Pc 37 57.40 -0.3
 eSg 38 15.00
 CVT 1.51 266 P 38 04.30 1.0
 TDS 2.27 34 P 38 13.50 -0.8
 eSg 38 41.50
 S.D. = 0.9 on 11 of 11 obs.

& SEP 27, 1992 12h 42m 38.05s
 33.950 N 117.227 W
 DEPTH = 14.3km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 2.5 (PAS).

PEC 0.08 136 iPd 42 40.86 -0.3
 S 42 43.13
 SSK 0.47 304 eP 42 46.94 -0.7
 S 42 53.24
 PLM 0.67 153 eP 42 50.20 -0.9
 S 43 01.09
 GSC 1.39 14 eP 43 02.53 -0.5
 S 43 21.46
 GLA 2.20 113 (P) 43 15.05 0.4
 S 43 46.82
 5 obs. associated

SEP 27, 1992 14h 20m 11.02±1.08s
 36.915 N ± 9.9km 20.605 E ± 4.9km
 DEPTH = 99.4 ± 22.5 km

CENTRAL MEDITERRANEAN SEA (400)

MD 3.4 (ATH), 3.2 (THE).

VLS 1.26 359 ePg 20 34.00 -0.7
 VLI 1.88 95 ePb 20 42.70 0.2
 AGG 2.51 32 ePn 20 51.90 1.0
 eSn 21 19.10
 IGT 2.62 355 ePn 20 53.02 0.6
 eSn 21 22.70
 KEK 2.87 347 ePb 21 02.00 6.3X

KZN 3.51 15 ePn 21 04.20 -0.3
 LIT 3.51 24 ePn 21 04.98 0.5
 eSn 21 43.26
 SOI 3.80 289 P 21 08.00 -0.4
 PAIG 3.86 38 ePn 21 08.10 -1.1
 eSn 21 52.18
 FNA 3.91 9 ePn 21 10.46 0.4
 eSn 21 54.98
 THE 4.14 26 ePn 21 12.74 -0.4
 OHR 4.19 2 ePn 21 14.50 0.6
 ATN 4.27 288 P 21 14.90 -0.1
 GRG 4.27 19 ePn 21 14.46 -0.5
 OUR 4.32 37 ePn 21 16.34 0.8
 TDS 4.33 311 P 21 16.70 0.9
 SOH 4.45 28 ePn 21 17.06 -0.4
 eSn 22 08.02
 VAY 4.66 19 ePn 21 20.60 0.3
 BRT 4.76 327 P 21 20.70 -1.0
 eSn 22 11.90
 SRS 4.80 28 ePn 21 21.58 -0.6
 eSn 22 13.90
 SKO 5.09 7 ePn 21 21.00 -5.3X
 SGO 5.51 313 P 21 32.50 0.4
 eSn 22 27.60
 S.D. = 0.7 on 20 of 22 obs.

* SEP 27, 1992 14h 21m 26.03±0.75s
 32.277 S ± 7.5km 68.786 W ±12.5km
 DEPTH = 128.5 ± 6.4 km
 4.3mb (2 obs.)

MENDOZA PROVINCE, ARGENTINA (139)

MD 4.5 (SAN).

MDZ 0.61 185 iP 21 45.00 -0.9
 i 22 09.10
 JACH 1.58 255 iP+ 21 56.30 0.9
 iS 22 20.90
 FCH 1.64 230 iP+ 21 57.29 0.9
 iS 22 23.80
 PEL 1.82 241 iPd 21 58.81 0.6
 iS 22 24.70
 SAN 1.97 233 iP+ 22 00.41 0.4
 iS 22 27.63
 PCH 1.98 227 iP+ 22 00.76 0.6
 iS 22 28.84
 ROCH 2.00 249 iP+ 22 00.74 0.1
 iS 22 27.70
 TACH 2.27 232 iP+ 22 03.68 -0.1
 iS 22 33.54
 CHCH 2.28 223 iP+ 22 04.11 0.2
 iS 22 35.03
 CACH 2.38 219 iP+ 22 05.88 0.5
 iS 22 38.05
 IHA 2.52 252 eP 22 06.20 -0.8
 LCCH 2.63 242 iP+ 22 07.48 -0.9
 iS 22 40.78
 TLL 2.72 320 iPd 22 09.50 -0.4
 iS 22 40.50
 LNV 2.77 232 iP+ 22 08.65 -1.5
 iS 22 43.24
 CCH 15.02 10 eP 24 53.00 -0.2
 CNCB 15.42 3 P 24 58.00 -0.4
 LPB 15.69 2 P 25 03.70 2.1
 ZOBO 15.93 2 iPc 25 03.90 -0.9
 RSTA 18.94 71 eP 25 49.40 9.8X
 KIC 71.94 70 P 32 34.20 -3.3X
 ALO 75.65 329 iPc 32 58.82 0.1
 1.1s 8.34nm 4.4mb
 MSU 81.18 327 iPc 33 28.49 -0.2
 TNP 83.27 324 iP 33 40.79 1.2
 1.0s 3.00nm 4.1mb
 HVU 84.08 329 iPc 33 42.40 -1.1
 LRM 87.21 331 eP 33 58.10 -0.8
 YAK 147.94 344 ePKP 40 54.00 0.6
 1.0s 25.00nm
 S.D. = 0.9 on 24 of 26 obs.

& SEP 27, 1992 14h 22m 06.95s
 59.678 N 150.149 W
 DEPTH = 53.9km

KENAI PENINSULA, ALASKA (14)

<AEIC>. ML 2.5 (AEIC).

SEW 0.55 39 ePc 22 18.57 -0.6
 eS 22 27.38
 HOM 0.76 269 iPc 22 21.29 -0.4
 eS 22 32.61

27d 14h

XLV	0.83	255	ePd	22	21.36	-1.3	EZAM	4.25	109	iPnd	24	56.36	1.8	L9F	11.36	72	Pn	26	32.40	-1.2
			eS	22	32.61					eSn	25	40.10					Sn	28	26.10	
SLKM	0.83	358	iPd	22	22.02	-0.7	EMON	4.92	91	iPnc	25	05.97	1.9	MAE	11.38	39	ePn	26	34.20	0.3
			eS	22	33.78					eSn	25	57.50		YRC	11.45	30	ePn	26	34.80	0.0
MPA	0.90	26	iPd	22	22.76	-0.9	ERUA	5.25	102	iPnd	25	10.48	1.7	YLL	11.52	31	ePn	26	35.90	0.3
			eS	22	34.96					eSn	26	06.10		ACU	11.54	112	ePn	26	37.20	1.1
MTU	1.30	75	ePc	22	27.56	-1.5	LIS	6.21	141	iPd	25	21.70	-0.5	AVE	11.61	151	iPn	26	35.80	-1.2
			eS	22	44.61					eS	26	25.00					iSn	28	32.00	
PTE	1.32	25	iPd	22	28.70	-0.6	EPLA	6.99	118	iPnd	25	33.52	0.3	CAF	11.64	78	Pn	26	35.80	-1.7
			eS	22	45.28					eSn	26	46.50					Sn	28	34.80	
KNIM	1.39	60	eP	22	28.80	-1.5	EVAL	8.26	135	ePn	25	49.95	-1.1	WME	11.67	30	ePn	26	37.90	0.2
			eS	22	46.89					eSn	27	17.70		TCF	11.83	72	Pn	26	38.40	-1.7
RDT	1.44	309	eP	22	30.39	-0.8	TOL	8.41	113	iPn	25	54.30	1.2				Sn	28	37.80	
			eS	22	48.23			0.6s	133.33nm				6.4mb X							
RED	1.51	301	eP	22	30.80	-1.3				ePb	26	11.00		MAF	12.07	72	Pn	26	41.70	-1.5
			eS	22	49.39					eSn	27	06.00					Sn	28	45.20	
REF	1.52	304	eP	22	30.99	-1.3				eSb	27	20.50		HYF	12.27	67	Pn	26	45.60	-0.4
			eS	22	49.75					iSg	27	45.50					Sn	28	49.80	
RSO	1.52	302	eP	22	31.66	-0.8	ECRI	8.53	93	ePn	25	56.01	1.1	BGF	12.30	71	Pn	26	45.30	-1.1
			eS	22	50.41					eSn	27	27.00					Sn	28	50.40	
RS1	1.53	302	eP	22	31.89	-0.5	VAL	8.65	16	eP	25	58.00	1.7	IFR	12.33	142	iPn	26	46.80	-0.1
RS2	1.53	302	eP	22	31.77	-0.7	CPZ	8.70	39	ePn	25	57.00	0.0				iSn	28	52.00	
INW	1.55	286	eP	22	32.26	-0.5				eSn	27	27.60		PYM	12.34	74	P	26	45.92	-1.0
			eS	22	50.72		CME	8.89	40	ePn	25	59.60	-0.1	AGO	12.44	73	P	26	48.02	-0.3
RDN	1.56	304	P	22	29.10	-3.7				eSn	27	31.60		AVF	12.68	70	Pn	26	50.10	-1.3
RDW	1.56	302	eP	22	32.05	-0.8	EHOR	8.90	128	ePn	25	58.87	-1.0				Sn	28	59.80	
OPT	1.56	270	eP	22	31.89	-0.9	GIBL	9.25	135	eP	26	04.00	-0.7	PLDF	12.78	74	P	26	51.48	-1.3
			eS	22	52.43		ETOR	9.37	104	ePn	26	07.45	1.0	COLF	12.81	76	P	26	51.74	-1.4
DFR	1.57	307	eP	22	31.93	-1.0	EPRU	9.52	132	ePn	26	08.19	-0.3	SSF	12.82	69	Pn	26	52.10	-1.2
			eS	22	51.53					eSn	27	50.00					Sn	29	00.90	
SYI	1.58	228	eP	22	32.33	-0.6	ALJ	9.55	134	eP	26	10.00	1.1	SMF	12.99	71	Pn	26	54.60	-1.0
PMS	1.60	10	P	22	32.70	-0.6	EBAN	9.55	122	iPnc	26	08.22	-0.6				Sn	29	06.50	
NCT	1.65	304	eP	22	33.00	-1.1	CNIL	9.56	137	iP	26	09.00	0.1	LOR	13.09	68	Pn	26	55.60	-1.3
			eS	22	53.22		ELUO	9.65	126	ePn	26	09.82	-0.4				Sn	29	08.90	
AUP	1.70	261	eP	22	35.54	0.8				eSn	27	50.00		LBF	13.13	69	Pn	26	56.40	-1.0
AUI	1.71	260	eP	22	34.44	-0.3	EJIF	9.79	135	ePn	26	11.90	-0.2				Sn	29	08.80	
BKG	1.75	324	ePc	22	34.71	-0.7	PLAT	9.90	137	iP	26	13.00	-0.6	SSB	13.40	77	P	27	00.51	-0.5
			eS	22	56.11		ECP	9.95	29	iPc	26	14.10	-0.1	EKA	13.63	27	P	27	05.00	1.2
SPU	1.78	329	ePc	22	35.16	-0.7				eS	27	55.70			0.6s	9.90nm				4.9mb
			eS	22	56.68		ECB	9.96	27	iPc	26	14.50	0.1	TIO	13.84	155	iPn	27	04.50	-2.4
SUA	1.82	351	ePc	22	35.65	-0.8				eS	27	57.00					iSn	29	24.00	
CKT	1.84	327	eP	22	36.73	0.0	OJEN	10.02	136	eP	26	15.00	-0.4				i	29	25.00	
CKN	1.85	328	ePc	22	36.74	-0.1	LPF	10.08	60	Pn	26	15.30	-0.8	SNF	14.23	55	iP	27	12.60	0.7
CKL	1.87	325	iPc	22	36.60	-0.6				Sn	27	57.80		DOU	14.27	57	iPc	27	13.00	0.6
			eS	22	59.41		EVIA	10.08	116	ePn	26	16.70	0.4				iS	29	37.90	
CGLM	1.88	331	iPc	22	36.48	-0.8				eSn	27	59.90		VITF	14.67	65	P	27	16.33	-1.3
CRP	1.88	329	eP	22	37.16	-0.2	EGRA	10.21	94	ePn	26	25.60	7.7X	LRG	14.83	84	Pn	27	20.70	1.0
KNK	1.93	25	iPd	22	36.99	-1.0				eSn	28	16.00					Sn	29	53.80	
			eS	23	00.19		ECOG	10.25	125	ePn	26	18.50	-0.1	HAU	14.87	66	Pn	27	18.90	-1.4
BGL	1.94	326	ePd	22	37.82	-0.3				eSn	28	05.50					Sn	29	50.60	
GLI	1.94	50	iPc	22	36.40	-1.7	MFF	10.27	69	Pn	26	17.90	-0.9	LPL	14.94	76	Pn	27	23.90	2.5
			eS	22	58.85					Sn	28	02.10		LMR	14.95	84	Pn	27	23.00	1.7
PWA	1.98	4	P	22	39.00	0.4	GRR	10.33	58	Pn	26	18.60	-0.9				Sn	29	54.70	
PLRM	1.99	14	ePd	22	37.70	-1.0				Sn	28	03.30		LPG	14.96	76	Pn	27	24.10	2.4
NCG	2.00	331	eP	22	38.31	-0.6	ETA	10.43	27	eP	26	20.70	-0.1	FRF	15.02	83	Pn	27	21.10	-1.1
PDB	2.05	275	eP	22	38.18	-1.4				eS	27	10.20					Sn	29	56.90	
			eS	23	03.87		EHUE	10.51	120	ePn	26	22.27	0.2	LOMF	15.10	69	P	27	23.58	0.2
FID	2.12	58	iPc	22	38.57	-2.1				eSn	28	13.00		WLF	15.10	60	iPd	27	24.00	0.8
			eS	23	02.12		EPF	10.53	89	Pn	26	22.10	-0.3	BSF	15.14	67	Pn	27	22.20	-1.7
GHO	2.19	15	eP	22	40.80	-0.8				Sn	28	12.00					Sn	29	57.40	
SML	2.32	22	eP	22	42.36	-1.0	EGUA	10.55	127	ePn	26	22.95	0.3	MEM	15.30	56	iPd	27	26.93	1.2
VLZ	2.39	51	eP	22	42.95	-1.4				eSn	28	12.60		ENN	15.30	55	iPd	27	26.60	0.8
			eS	23	10.62		ECHE	10.64	108	ePn	26	25.50	1.7		0.7s	33.00nm				4.8mb
SKT	2.41	344	iPc	22	44.05	-0.6	DCN	10.66	23	eP	26	23.70	-0.3	MOF	15.37	67	P	27	25.88	-1.0
SCM	2.57	31	eP	22	46.32	-0.7				eS	28	18.00		ECH	15.44	66	P	27	26.72	-1.0
SGAM	2.61	69	ePc	22	45.37	-2.1	FLN	10.70	57	Pn	26	23.80	-0.8	SBF	15.55	82	Pn	27	31.20	2.0
KLU	2.77	47	eP	22	48.67	-1.2				Sn	28	12.90					Sn	30	11.00	
TOA	3.12	37	eP	22	54.54	-0.3	LFF	10.70	78	Pn	26	23.70	-0.9	CDF	15.55	65	P	27	27.82	-1.4
GLB	3.59	58	eP	22	59.52	-2.0				Sn	28	08.70		BBS	15.58	68	P	27	29.15	-0.3
CROM	3.66	70	eP	23	00.08	-2.5	DLF	10.84	25	eP	26	25.80	-0.6	RUP	15.68	60	ePn	27	30.78	-0.1
WAX	3.74	75	ePc	23	00.47	-3.1				eS	28	22.00		FEL	15.96	67	ePn	27	35.67	1.1
TRF	3.79	359	eP	23	03.66	-0.7	LDF	10.86	58	Pn	26	25.90	-0.9	ABH	16.03	60	ePn	27	35.07	-0.3
RND	3.79	9	eP	23	03.80	-0.5				Sn	28	17.30		WTS	16.26	52	eP	27	40.00	1.8
BALM	4.11	67	ePc	23	06.17	-2.7	HGH	11.00	40	ePn	26	28.70	0.1		0.8s	10.00nm				4.0mb
YAH	4.27	77	eP	23	09.02	-2.2	LPO	11.02	80	Pn	26	28.10	-0.9	PGF	16.89	86	Pn	27	46.90	0.6
HDA	4.98	16	eP	23	19.94	-1.0				Sn	28	19.50					Sn	30	39.50	
CCB	5.11	11	eP	23	21.63	-1.1	HTR	11.09	37	ePn	26	30.00	0.1	GRF	18.32	62	eP	28	06.70	2.6X
							HCG	11.10	35	ePn	26	30.00	-0.1	MOX	18.75	59	e(P)	28	14.80	5.5X
							EROO	11.12	100	ePn	26	31.40	1.0	KHC	19.78	64	P	28	27.40	6.0X
									eSn	28	30.00					e	28	35.00		
							EBR	11.18	100	ePn	26	33.00								

27d 14h

S.D. = 1.1 on 100 of 106 obs.

* SEP 27, 1992 15h 09m 16.27±0.81s
37.710 N ±22.3km 71.628 E ±24.6km
DEPTH = 33.0km (normal)
4.2mb (3 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG. (717)

NDI	10.14	151	iPc	11	42.00	-0.7
	0.5s	28.17nm			5.8mb X	
		eS		13	21.00	
GKN	14.59	128	P	12	43.30	1.0
KKN	15.14	127	P	12	49.64	0.0
PKI	15.38	127	P	12	52.76	0.0
GUN	15.44	125	P	12	53.56	-0.1
HFS	42.43	321	eP	17	09.70	0.5
	0.4s	2.30nm			4.3mb	
NB2	43.73	322	P	17	20.20	0.5
	0.5s	2.00nm			4.2mb	
YKA	80.02	3	eP	21	22.10	-1.2
	0.5s	1.10nm			4.1mb	

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

? SEP 27, 1992 15h 55m 30.89±0.91s
37.803 N ±12.0km 14.604 E ±10.3km
DEPTH = 33.0km (normal)

SICILY (398)

MNO	0.15	29	P	55	36.70	-0.6
		eSg		55	41.50	
GIB	0.49	292	P	55	41.70	0.2
		eSg		55	51.50	
MEU	0.75	160	P	55	45.10	0.0
		eSg		55	56.50	
ATN	0.77	62	P	55	45.60	0.3
		eSg		55	57.90	

S.D. = 0.7 on 4 of 4 obs.

% SEP 27, 1992 16h 35m 11.42±0.67s
40.069 N ±6.2km 22.646 E ±6.0km
DEPTH = 10.0km (geophysicist)

GREECE (364)
MD 2.1 (THE).

LIT	0.12	285	ePg	35	13.26	-1.2
		eSg		35	15.08	
THE	0.61	23	ePg	35	23.92	0.2
		eSg		35	32.20	
PAIG	0.81	100	ePg	35	27.27	0.2
		eSg		35	39.08	
GRG	0.91	348	ePg	35	29.28	0.5
		eSg		35	42.60	
SOH	0.93	35	ePg	35	28.32	-0.8
AGG	1.07	193	ePg	35	31.04	-0.6
		eSg		35	48.16	
FNA	1.20	307	ePb	35	33.56	-0.3
		eSb		35	51.52	
SRS	1.27	34	ePb	35	35.40	0.4
IGT	1.86	254	ePb	35	45.32	1.7
		eSb		36	10.32	

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

* SEP 27, 1992 16h 50m 04.71±0.56s
1.290 N ±12.3km 129.545 E ±25.5km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)

HALMAHERA, INDONESIA (267)

SWI	2.74	141	iPc	50	46.00	-1.3
		iS		51	21.00	
MTN	14.13	174	eP	53	20.00	-4.7X
WB2	21.62	168	iPd	54	54.10	-0.1
	0.7s	11.70nm			4.4mb	
OIS	23.84	156	eP	55	17.00	1.0
	0.3s	2.00nm			4.1mb	
ASPA	25.17	171	iPc	55	28.70	-0.1
	0.6s	17.20nm			4.8mb	
	Z 20s	0.30um			3.8msz	
		eS		59	58.50	
CTA	26.83	143	eP	55	51.50	7.3X
STKA	34.91	162	iPd	56	54.70	-0.7
MAT	35.98	12	eP	57	05.00	0.5
BRS	36.23	144	iP	57	07.00	0.2
ARMA	37.91	148	eP	57	22.30	1.4
	0.9s	44.00nm			5.3mb	
TIY	39.52	338	eP	57	35.10	0.8
BJI	40.44	344	eP	57	40.50	-1.2

LZH 42.03 328 P 57 56.00 1.0
1.5s 40.00nm 4.9mb
GTA 46.63 328 eP 58 30.50 -1.4
1.4s 14.00nm 4.7mb
sP 58 41.00
S.D. = 1.1 on 12 of 14 obs.

& SEP 27, 1992 16h 59m 14.06s
36.007 N 119.940 W
DEPTH = 13.6km
3.9mb (1 obs.)

CENTRAL CALIFORNIA (39)
<GM-P>. MD 4.2 (GM). ML 4.0
(BRK), 4.1 (PAS). Felt (IV) at
Kettleman City and (III) at
Avenal.

PKEM	0.15	292	iPc	59	18.34	0.5
PHAM	0.41	246	eP	59	22.94	0.3
PR1	0.60	283	iPc	59	26.68	0.7
BCH	0.83	188	iPc	59	29.65	-0.2
FRI	1.00	11	iPd	59	31.92	-0.7
LLA	1.01	307	iPc	59	32.67	-0.2
PRS	1.20	286	iPc	59	35.26	-0.9
ISA	1.24	106	eP	59	35.67	-1.1
ABL	1.29	153	iPc	59	35.86	-2.0
SAO	1.43	302	eP	59	38.55	-1.0
MEMM	1.84	26	iPn	59	46.56	1.1
GCC	1.95	302	ePc	59	45.32	-1.7
CMB	2.06	350	ePc	59	48.64	0.0
		eS		00	15.13	
BONR	2.35	34	ePn	59	53.95	0.9
PCC	2.46	308	eP	59	53.88	-0.5
SSK	2.57	134	eP	59	56.79	0.6
		iS		00	27.61	
BKS	2.62	316	ePd	59	55.36	-1.3
GSC	2.65	104	iPn	59	56.32	-0.9
		eS		00	34.75	
ZSP	2.68	317	eP	59	56.36	-1.2
TNP	3.01	46	ePn	00	02.65	0.3
		(S)		00	47.80	
PEC	3.11	132	iPn	00	01.76	-1.9
		eS		00	32.09	
TPNV	3.12	71	ePn	00	04.62	0.7
		(S)		00	40.43	
NTYM	3.22	318	ePn	00	03.63	-1.6
		(S)		00	44.17	
KVN	3.37	25	eP	00	09.64	2.1
PLM	3.67	135	ePn	00	09.68	-2.1
		(S)		01	04.30	
ORV	3.75	341	eP	00	12.68	-0.1
		eS		01	02.77	
WDC	5.00	337	eP	00	29.32	-1.1
GLA	5.15	123	eP	00	29.52	-3.1
LBFM	5.55	345	(P)	00	40.67	2.3
MSU	6.68	66	eP	00	54.86	0.4
SRU	8.09	65	eP	01	16.11	1.9
LRM	11.32	28	eP	02	07.30	8.8
UYO	20.92	88	iPd	04	01.40	2.8
MIAR	21.56	86	eP	04	04.65	-0.4
	0.7s	3.90nm			3.9mb	
OLY	23.08	83	eP	04	28.60	8.4
GRT	24.60	80	eP	04	34.68	-0.2

* SEP 27, 1992 17h 02m 34.31±2.15s
28.172 N ±20.8km 88.438 W ±5.9km
DEPTH = 10.0km (geophysicist)
3.6mb (1 obs.)
GULF OF MEXICO (526)
mbLg 3.8 (GS).

LAL	6.32	8	eP	04	11.20	1.4
		iS		05	13.90	
LKGA	6.91	21	iP	04	20.40	2.2
		eS		05	32.00	
PDTN	7.41	17	eP	04	25.60	0.4
		eS		05	40.20	
MIAR	7.72	327	ePc	04	29.06	-0.4
		(S)		05	49.51	
PRM	7.86	40	eP	04	31.63	0.2
		eS		05	49.88	
UYO	7.89	321	iPc	04	31.60	-0.3
HBF	8.41	54	eP	04	39.21	0.1
MOTN	8.43	2	iP	04	39.85	0.5
		eS		06	05.40	
SGS	8.46	52	eP	04	39.30	-0.5

JSC	8.65	43	eS	06	06.41	
		eP		04	41.61	-0.8
		eS		06	08.56	
LHS	9.06	44	eP	04	47.04	-1.0
		eS		06	18.55	
ELC	9.11	356	eP	04	47.51	-1.3
		(S)		06	17.78	
VVO	9.46	321	eP	04	53.60	0.0
		e		04	54.80	
		e		05	03.80	
		Lg		06	30.20	
SLTN	9.82	31	eP	04	59.30	0.5
		eS		06	41.00	
TUL	9.92	323	eP	04	58.80	-1.1
	0.3s	6.40nm			5.5mb X	
	Z 20s	0.14um			5.8msz	
		e		04	59.40	
		e		05	00.60	
		Lg		06	37.30	
		LR		08	57.00	
FVM	9.93	351	eP	04	59.03	-1.0
		eLg		06	39.13	
CEH	11.04	43	eP	05	13.44	-1.9X
		eLg		07	08.27	
NAV	11.16	33	eP	05	15.91	-1.0
		(Lg)		07	10.96	
BLA	11.26	35	eP	05	19.00	0.7
		eLg		07	15.79	
JFWS	14.78	355	eP	06	04.96	-0.2
ALO	16.76	298	(P)	06	32.45	1.5
	0.7s	3.46nm			3.6mb	

S.D. = 1.0 on 20 of 21 obs.

% SEP 27, 1992 17h 14m 23.04±0.99s
39.853 N ±13.8km 106.399 E ±8.3km
DEPTH = 33.0km (normal)
WESTERN NEI MONGOL, CHINA (323)
ML 3.9 (BJI).

BTO	2.87	74	Pn	15	08.20	0.6
		Pg		15	13.20	
		Sg		15	49.10	
HHC	4.07	74	Pn	15	24.60	-0.1
		Pg		15	34.20	
		Sn		16	11.20	
		Sg		16	26.40	
GTA	5.10	267	Pn	15	39.20	-0.2
		Pg		15	53.20	
		Sn		16	37.50	
		Sg		16	59.00	
TIY	5.18	112	Pnc	15	39.40	-0.9
		Pg		15	55.60	
		Sg		16	58.00	
XAN	6.14	160	ePn	15	54.50	0.6
		Pg		16	13.00	
		Sn		17	01.50	
		Sg		17	30.00	
BJI	7.51	85	ePg	16	35.00	22.0X

27d 17h

ML 5.5 (PMR), 5.4 (AEIC).
 Mo=2.0*10**18 Nm (PPT). Felt
 (III) at King Cove, Perryville
 and Sand Point.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 30S, 74C
 Centroid Location:
 Origin Time 17:48:12.8 0.1
 Lat 53.45N 0.03 Lon 157.31W 0.03
 Dep 17.2 1.3 Half-duration 2.1
 Moment Tensor: Scale 10**17 Nm
 Mrr=-4.92 0.13 Mtt= 2.38 0.15
 Mff= 2.55 0.13 Mrt= 0.69 0.40
 Mrf= 0.73 0.43 Mtf= 5.11 0.15
 Principal Axes:
 T Val= 7.65 P1g= 5 Azm=315
 N -2.65 0 224
 P -5.00 85 130
 Best Double Couple: Mo=6.3*10**17
 NP1:Strike= 45 Dip=40 Slip= -89
 NP2: 224 50 -90

ML 5.5 (PMR), 5.4 (AEIC). Mo=2.0*10**18 Nm (PPT). Felt (111) at King Cove, Perryville and Sand Point. CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 30S, 74C Centroid Location: Origin Time 17:48:12.8 0.1 Lat 53.45N 0.03 Lon 157.31W 0.03 Dep 17.2 1.3 Half-duration 2.1 Moment Tensor: Scale 10**17 Nm Mrr=-4.92 0.13 Mtt= 2.38 0.15 Mff= 2.55 0.13 Mrt= 0.69 0.40 Mrf= 0.73 0.43 Mtf= 5.11 0.15 Principal Axes: T Vol= 7.65 Plg= 5 Azm=315 N -2.65 0 224 P -5.00 85 130 Best Double Couple: Mo=6.3*10**17 NP1:Strike= 45 Dip=40 Slip= -89 NP2: 224 50 -90	PMR 8.83 26 eP 50 19.90 -1.3 KNK 8.86 29 eP 50 19.46 -2.3 GLI 8.87 34 eP 50 18.77 -3.1X FID 8.99 36 eP 50 19.47 -4.0X GHO 9.03 26 eP 50 22.04 -2.1 TTA 9.05 4 P 50 23.20 -1.2 VZW 9.18 35 eP 50 23.51 -2.7X SML 9.22 28 eP 50 25.21 -1.5 KAIM 9.25 44 eP 50 23.10 -3.9X SGAM 9.28 40 iP 50 25.33 -2.2 VLZ 9.31 35 eP 50 24.48 -3.3X RAGM 9.42 42 eP 50 27.29 -2.1 SCM 9.52 30 eP 50 29.21 -1.7 HMT 9.55 43 eP 50 28.39 -2.8X KLU 9.71 34 eP 50 30.79 -2.7X HUR 9.91 21 eP 50 33.90 -2.3 SNH 10.05 46 eP 50 33.90 -4.2X TOA 10.08 31 P 50 37.00 -1.6 CYK 10.15 47 eP 50 36.71 -2.6 WAX 10.19 44 eP 50 36.77 -3.3X KTH 10.19 16 eP 50 38.55 -1.6 TRF 10.21 18 eP 50 38.04 -2.4 CROM 10.25 42 eP 50 39.81 -1.1 TZL 10.27 33 eP 50 39.57 -1.5 WRG 10.32 48 eP 50 39.44 -2.3 TGL 10.37 43 eP 50 40.96 -1.6 GLB 10.41 38 eP 50 41.00 -2.1 RND 10.46 21 eP 50 42.14 -1.6 SDG 10.59 31 eP 50 44.68 -0.9 YAH 10.61 46 eP 50 43.54 -2.4 BALM 10.72 42 eP 50 44.73 -2.7X MCK 10.73 20 eP 50 45.96 -1.4 PAX 10.96 30 eP 50 49.39 -1.1 CTGM 11.10 44 eP 50 49.96 -2.5 PCA 11.13 50 eP 50 48.94 -4.0X YKU 11.15 53 P 50 52.70 -0.3 THY 11.23 28 eP 50 50.25 -3.9X BCPM 11.36 51 eP 50 54.28 -1.6 ANM 11.42 342 eP 50 55.18 -1.6 NEA 11.46 18 eP 50 53.35 -3.9X WRH 11.56 20 eP 50 54.66 -3.9X MLY 11.61 14 eP 50 56.86 -2.5 DJE 11.74 26 eP 50 59.07 -1.9 HDA 11.75 23 eP 50 58.14 -3.0X CCB 11.77 20 eP 50 57.54 -3.9X ADK 11.88 268 P 50 58.70 -4.2X DOT 11.89 30 eP 51 02.93 -0.1 FBA 12.00 20 P 51 00.60 -3.9X GLM 12.16 20 eP 51 03.74 -2.9X IMA 12.31 7 P 51 07.90 -0.9 SIT 12.83 67 eP 51 12.81 -2.8X SMY 17.08 278 eP 52 10.40 -0.1 ILT 17.29 332 iPc+ 52 13.00 -0.1 1.4s 1850.00nm 6.0mb iS 55 28.00 52 13.88 -1.0 53 03.50 1.0 222.00nm 5.4mb 53 06.01 -0.1 53 12.59 1.0 53 15.05 0.6 53 18.94 1.2 53 22.41 1.2 57 39.90 53 23.09 1.4 57 06.27 53 24.30 2.6 44.30nm 5.0mb 95 eP 53 34.37 1.0 88 ePd 53 37.27 0.9 86 eP 53 40.50 -0.1 359.85nm 5.8mb 9.00um 5.3msz 107 ePc 53 43.55 0.7 286 eP+ 53 41.00 -2.5 314.00nm 5.9mb 3.00um 4.9mszX e 57 10.00 eS 58 11.00 eSSS 59 08.00 107 eP 53 45.65 1.2 19 eP 53 50.50 1.5 147.00nm 5.6mb 104 eP 53 50.46 -0.3 ePcP 57 12.57 ePcP+ 57 22.20 106 ePc+ 53 52.06 0.3	1.3s 110.41nm 5.3mb Z 22s 7.02um 5.2msz S 57 12.16 S 58 27.28 105 iPc 53 57.75 -0.4 106 iPc 54 02.35 -1.0 78 eP 54 05.00 0.6 1.1s 95.00nm 5.4mb 109 eP 54 04.32 -0.3 304 ePc- 54 04.00 -0.8 900.00nm 6.2mb 15s 9.30um 5.5mszX 9.00um i 54 52.00 eS 58 56.00 i 59 08.00 87 eP 54 17.10 0.0 e 57 18.90 107 ePc- 54 17.84 -0.7 1.3s 43.95nm 5.1mb Z 22s 12.10um 5.5mszX ePcP 57 19.32 iPcP 57 29.89 S 59 28.68 103 eP 54 24.63 0.6 111 iPc 54 23.80 -0.5 110 ePc 54 24.53 -0.1 106 eP 54 28.86 1.0 108 ePc 54 27.97 -0.3 110 ePc 54 29.02 -0.1 105 ePc 54 29.90 0.2 ePcP 57 23.79 91 eP 54 31.14 1.2 ePcP 57 23.89 92 eP 54 33.51 1.3 110 (P) 54 30.74 -1.4 ePcP 57 23.23 e 57 33.13 110 eP 54 32.09 -0.1 iPcP 57 24.31 104 eP 54 33.12 -1.2 0.9s 36.10nm 5.2mb iPcP 57 24.76 epPcP 57 34.62 94 ePc 54 36.41 0.5 ePcP 57 25.32 epPcP 57 35.28 111 ePc 54 38.12 0.1 iPcP 57 26.10 epPcP 57 35.24 108 eP 54 42.16 -0.6 1.3s 106.49nm 5.6mb Z 16s 7.82um 5.5mszX eP 54 51.88 34kmX ePcP 57 26.71 ePcP 57 36.88 110 eP 54 44.16 -0.3 ePcP 57 28.17 ePcP 57 37.89 96 eP 54 44.59 0.2 1.3s 212.66nm 5.9mb ePcP 57 28.43 epPcP 57 38.10 104 eP 54 46.39 0.5 1.2s 191.44nm 5.9mb Z 21s 13.55um 5.6msz 33.02 90 ePc 54 47.20 -0.1 1.5s 129.67nm 5.6mb 95 eP 54 51.52 0.2 ePcP 57 30.71 epPcP 57 41.02 107 ePd 54 53.16 -0.1 ePcP 57 31.14 ipPcP 57 41.00 95 eP 54 58.05 1.2 98 iPc 54 57.61 0.3 ePcP 57 32.43 epPcP 57 41.88 56 ePc 55 00.50 3.6X 109 eP 54 59.86 -0.5 38.84nm 5.1mb ePcP 57 32.91 96 ePc 55 02.68 0.5 iP 55 11.85 31kmX 109 eP 55 04.86 -0.5 35.21 328 iPd- 55 04.00 -0.9 2.4s 660.00nm 6.1mb
SDN 2.33 308 iP 48 49.40 -0.4 KDC 4.69 33 P 49 22.20 -1.0 S 50 15.30 CDD 5.40 21 eP 49 33.81 0.4 eS 50 36.17 SYI 5.43 28 eP 49 33.58 -0.1 S 50 34.48 MCNL 5.51 16 eP 49 34.31 -0.6 AUI 5.82 20 eP 49 39.63 0.4 AUH 5.84 20 eP 49 40.69 1.0 AUW 5.84 20 eP 49 39.90 0.3 AUP 5.85 20 eP 49 40.39 0.7 AUE 5.85 20 eP 49 40.92 1.2 AUL 5.86 20 eP 49 40.60 0.7 PDB 6.11 15 eP 49 42.36 -1.0 eS 50 51.70 OPT 6.15 20 eP 49 43.88 -0.1 eS 50 54.08 XLV 6.33 27 eP 49 46.08 -0.3 eS 50 56.96 HOM 6.52 26 eP 49 49.12 0.0 INW 6.56 19 eP 49 49.06 -0.7 eS 51 02.42 INE 6.56 19 eP 49 49.14 -0.7 BRLK 6.82 28 eP 49 51.52 -1.8 eS 51 06.42 RED 6.95 19 eP 49 54.55 -0.7 eS 51 13.49 RS1 6.99 19 iP 49 55.52 -0.4 RS2 6.99 19 iP 49 55.67 -0.3 RSO 6.99 19 iP 49 55.51 -0.4 RDW 7.00 19 iP 49 55.31 -0.7 REF 7.03 19 eP 49 55.65 -0.8 RDN 7.04 19 eP 49 56.45 -0.1 NCT 7.05 18 eP 49 56.03 -0.6 DFR 7.13 19 eP 49 56.80 -0.9 RDT 7.17 20 eP 49 57.21 -1.0 SVW 7.25 6 P 49 58.50 -0.9 SEW 7.52 32 eP 50 00.04 -3.0X eS 51 23.24 SLKM 7.63 27 eP 50 03.59 -1.0 eS 51 25.29 BKG 7.65 19 eP 50 03.78 -1.2 CKL 7.75 18 eP 50 05.23 -1.3 CKT 7.78 19 eP 50 05.97 -0.9 SPU 7.79 19 eP 50 05.40 -1.6 BGL 7.81 18 eP 50 06.45 -0.8 CKN 7.81 19 eP 50 06.39 -0.8 CPKM 7.83 18 eP 50 05.78 -1.9 CRP 7.85 18 eP 50 07.09 -0.8 MPA 7.85 30 eP 50 05.45 -2.3 CGLM 7.92 19 eP 50 07.23 -1.5 NCG 7.98 18 eP 50 08.83 -0.8 LTI 8.00 36 P 50 10.10 0.3 MTU 8.03 37 eP 50 08.48 -1.8 MID 8.16 43 P 50 10.50 -1.5 PTE 8.26 29 eP 50 12.04 -1.3 KNIM 8.26 35 eP 50 10.61 -2.9X SUA 8.32 22 eP 50 12.66 -1.7 PMS 8.42 26 P 50 14.30 -1.4 SKT 8.63 18 eP 50 17.04 -1.5 PWA 8.69 24 P 50 18.30 -1.0 HIN 8.73 38 eP 50 17.59 -2.4 PLRM 8.83 26 eP 50 19.49 -1.7	48 49.40 -0.4 49 22.20 -1.0 50 15.30 49 33.81 0.4 50 36.17 49 33.58 -0.1 50 34.48 49 34.31 -0.6 49 39.63 0.4 49 40.69 1.0 49 39.90 0.3 49 40.39 0.7 49 40.92 1.2 49 40.60 0.7 49 42.36 -1.0 50 51.70 49 43.88 -0.1 50 54.08 49 46.08 -0.3 50 56.96 49 49.12 0.0 49 49.06 -0.7 51 02.42 49 49.14 -0.7 49 51.52 -1.8 51 06.42 49 54.55 -0.7 51 13.49 49 55.52 -0.4 49 55.67 -0.3 49 55.51 -0.4 49 55.31 -0.7 49 55.65 -0.8 49 56.45 -0.1 49 56.03 -0.6 49 56.80 -0.9 49 57.21 -1.0 49 58.50 -0.9 50 00.04 -3.0X 51 23.24 50 03.59 -1.0 51 25.29 50 03.78 -1.2 50 05.23 -1.3 50 05.97 -0.9 50 05.40 -1.6 50 06.45 -0.8 50 06.39 -0.8 50 05.78 -1.9 50 07.09 -0.8 50 05.45 -2.3 50 07.23 -1.5 50 08.83 -0.8 50 10.10 0.3 50 08.48 -1.8 50 10.50 -1.5 50 12.04 -1.3 50 10.61 -2.9X 50 12.66 -1.7 50 14.30 -1.4 50 17.04 -1.5 50 18.30 -1.0 50 17.59 -2.4 50 19.49 -1.7	PMR 8.83 26 eP 50 19.90 -1.3 KNK 8.86 29 eP 50 19.46 -2.3 GLI 8.87 34 eP 50 18.77 -3.1X FID 8.99 36 eP 50 19.47 -4.0X GHO 9.03 26 eP 50 22.04 -2.1 TTA 9.05 4 P 50 23.20 -1.2 VZW 9.18 35 eP 50 23.51 -2.7X SML 9.22 28 eP 50 25.21 -1.5 KAIM 9.25 44 eP 50 23.10 -3.9X SGAM 9.28 40 iP 50 25.33 -2.2 VLZ 9.31 35 eP 50 24.48 -3.3X RAGM 9.42 42 eP 50 27.29 -2.1 SCM 9.52 30 eP 50 29.21 -1.7 HMT 9.55 43 eP 50 28.39 -2.8X KLU 9.71 34 eP 50 30.79 -2.7X HUR 9.91 21 eP 50 33.90 -2.3 SNH 10.05 46 eP 50 33.90 -4.2X TOA 10.08 31 P 50 37.00 -1.6 CYK 10.15 47 eP 50 36.71 -2.6 WAX 10.19 44 eP 50 36.77 -3.3X KTH 10.19 16 eP 50 38.55 -1.6 TRF 10.21 18 eP 50 38.04 -2.4 CROM 10.25 42 eP 50 39.81 -1.1 TZL 10.27 33 eP 50 39.57 -1.5 WRG 10.32 48 eP 50 39.44 -2.3 TGL 10.37 43 eP 50 40.96 -1.6 GLB 10.41 38 eP 50 41.00 -2.1 RND 10.46 21 eP 50 42.14 -1.6 SDG 10.59 31 eP 50 44.68 -0.9 YAH 10.61 46 eP 50 43.54 -2.4 BALM 10.72 42 eP 50 44.73 -2.7X MCK 10.73 20 eP 50 45.96 -1.4 PAX 10.96 30 eP 50 49.39 -1.1 CTGM 11.10 44 eP 50 49.96 -2.5 PCA 11.13 50 eP 50 48.94 -4.0X YKU 11.15 53 P 50 52.70 -0.3 THY 11.23 28 eP 50 50.25 -3.9X BCPM 11.36 51 eP 50 54.28 -1.6 ANM 11.42 342 eP 50 55.18 -1.6 NEA 11.46 18 eP 50 53.35 -3.9X WRH 11.56 20 eP 50 54.66 -3.9X MLY 11.61 14 eP 50 56.86 -2.5 DJE 11.74 26 eP 50 59.07 -1.9 HDA 11.75 23 eP 50 58.14 -3.0X CCB 11.77 20 eP 50 57.54 -3.9X ADK 11.88 268 P 50 58.70 -4.2X DOT 11.89 30 eP 51 02.93 -0.1 FBA 12.00 20 P 51 00.60 -3.9X GLM 12.16 20 eP 51 03.74 -2.9X IMA 12.31 7 P 51 07.90 -0.9 SIT 12.83 67 eP 51 12.81 -2.8X SMY 17.08 278 eP 52 10.40 -0.1 ILT 17.29 332 iPc+ 52 13.00 -0.1 1.4s 1850.00nm 6.0mb iS 55 28.00 52 13.88 -1.0 53 03.50 1.0 222.00nm 5.4mb 53 06.01 -0.1 53 12.59 1.0 53 15.05 0.6 53 18.94 1.2 53 22.41 1.2 57 39.90 53 23.09 1.4 57 06.27 53 24.30 2.6 44.30nm 5.0mb 95 eP 53 34.37 1.0 88 ePd 53 37.27 0.9 86 eP 53 40.50 -0.1 359.85nm 5.8mb 9.00um 5.3msz 107 ePc 53 43.55 0.7 286 eP+ 53 41.00 -2.5 314.00nm 5.9mb 3.00um 4.9mszX e 57 10.00 eS 58 11.00 eSSS 59 08.00 107 eP 53 45.65 1.2 19 eP 53 50.50 1.5 147.00nm 5.6mb 104 eP 53 50.46 -0.3 ePcP 57 12.57 ePcP+ 57 22.20 106 ePc+ 53 52.06 0.3

			i	56	32.00		MAT	46.91	276	iPc-	56	40.20	-1.7			ePP	59	42.00			
			eS	00	38.00			1.4s	381.40nm			6.2mb				e	00	08.00			
RSSD	35.49	84	ePd-	55	08.99	0.5	Z	20s	2.13um	eS	03	33.00	5.1Msz			ePPP	00	55.00			
	0.8s	138.46nm								eS						eS	05	14.00			
Z	20s	5.28um			5.9mb		DAG	46.94	12	iPc-	56	42.20	0.5			ePS	05	31.00			
			epP	55	18.94	34kmX		1.1s	177.22nm			6.0mb				eScS	07	31.00			
			ePcP	57	35.01		Z	18s	5.77um			5.6Msz				eSS	09	35.00			
			epPcP	57	45.45		N	18s	2.47um							eSSS	10	42.00			
			S	00	43.72		MTMJ	47.12	276	P	56	41.70	-2.0			LR	21	16.00			
KUR	35.78	279	eP	55	09.00	-1.6	KBS	47.25	3	eP	56	46.10	2.0	TBR	54.38	67	eP	57	37.30	-1.3	
			iS	00	45.00		FVM	47.33	81	eP	56	43.83	-1.4	MRX	54.48	106	(P)	57	40.00	0.5	
GLA	36.48	107	ePd	55	16.80	0.1		1.2s	120.89nm			5.8mb		PRM	54.73	79	eP	57	39.49	-1.8	
			epP	55	26.57	33kmX				ePcP	58	13.65				ipP	57	49.08	31kmX		
			ePcP	57	39.29					S	03	40.40				esP	57	56.42			
			epPcP	57	49.19		UYO	47.58	88	iPd	56	46.10	-1.1	DL2	54.83	289	Pd	57	40.00	-1.9	
ULM	36.88	70	eP	55	23.50	3.7X	MIAR	47.83	87	ePd-	56	48.79	-0.4		1.0s	170.00nm		6.0mb			
GLD	37.46	91	eP	55	28.00	2.9X		1.3s	286.59nm			6.1mb		Z	24s	2.70um		5.2MszX			
	1.4s	216.22nm			5.8mb				ePcP	58	16.20			N	17s	2.57um					
Z	19s	11.92um			5.7Msz				S	03	59.19			E	17s	3.02um					
YAK	37.56	312	iPd-	55	24.00	-1.4	EEO	48.12	65	ePc	56	54.00	2.7X			PP	59	48.00			
	1.0s	790.00nm			6.5mb		NRI	48.16	334	iPd-	56	51.30	0.1	HRV	54.88	64	ePd-	57	41.07	-1.2	
Z	21s	14.00um			5.7Msz		Z	18s	45.00um			6.5MszX			1.3s	136.57nm		5.8mb			
N	18s	4.60um					N	16s	9.50um							epP	57	51.04	33kmX		
E	21s	9.40um								i	57	07.00				S	05	19.37			
			i	56	57.00					e	58	22.00									
			ePPP	57	10.00					e	58	50.00									
			i	57	40.00					eS	03	51.00									
			eS	01	05.00					ePS	04	02.00									
YSS	37.77	285	iPd-	55	26.50	-0.8	OLY	48.41	84	eP	56	52.03	-1.6								
	Z	18s			5.0Msz					epP	57	01.60	32kmX								
	N	18s	2.30um							PcP	58	14.47									
E	18s	2.00um								eP	56	53.23	-1.1	CEH	55.33	75	ePd-	57	44.48	-1.1	
			e	56	56.00					epP	57	02.73	32kmX	Z	20s	5.99um		5.8mb			
			e	57	41.90					e	57	08.96					epP	57	53.93	31kmX	
			iS	01	17.00												esP	58	00.78		
			e	01	31.00		MZX	48.76	108	(P)	56	58.00	1.6				S	05	40.63		
KUSJ	38.87	278	eP	55	33.30	-3.3X	TSRJ	48.91	276	P	56	56.00	-1.5	LHS	55.35	78	eP	57	43.83	-1.9	
TUC	39.33	104	ePc+	55	41.13	0.5	GRT	49.09	82	ePd	56	58.44	-0.4				epP	57	54.00	33kmX	
	1.4s	134.32nm			5.5mb		CN2	49.41	292	iPd	57	00.00	-1.2				ePP	59	52.37		
			epP	55	51.04	34kmX		1.4s	340.00nm			6.2mb		UNM	55.92	105	(P)	57	46.00	-4.4X	
			ePP	57	17.18		Z	40s	8.05um			5.4MszX		LMN	56.03	57	ePd	57	52.50	2.0	
			iPcP	57	48.51					PP	59	00.00		ZAK	56.11	310	iPd-	57	50.80	-0.2	
			ipPcP	57	58.08					S	04	08.00			1.6s	138.00nm		5.7mb			
ASAJ	39.47	281	eP	55	40.70	-0.9	ACTO	49.52	69	P	57	02.40	0.3		Z	18s	6.90um		5.8Msz		
ALQ	39.95	97	eP+	55	46.50	0.5	TYNO	49.96	69	P	57	05.53	0.0		N	19s	3.91um				
	1.4s	89.89nm			5.3mb		WLVO	50.23	67	P	57	07.80	0.3		E	17s	8.81um				
			epP	55	56.33	33kmX	CIT	50.24	306	eP	57	07.00	-0.6				e	58	47.60		
			ePcP	57	50.77			Z	15s	8.66um		5.9MszX					e	00	00.00		
			ipPcP	58	00.78			N	15s	3.37um							ePPP	01	10.00		
			esPcP	58	07.00			E	15s	9.14um							eS	05	42.00		
			eScP	01	38.71					eS							ePd	57	52.00	0.4	
			S	02	11.06		STCO	50.28	68	P	57	07.94	0.1	MOY	56.20	313					
HOJ	40.13	278	eP	55	44.70	-2.4	SNY	51.74	291	iPd	57	18.00	-1.0		1.5s	140.00nm		5.8mb			
MRRJ	41.40	280	eP	55	54.40	-3.0X		1.3s	560.00nm			6.4mb		SGS	56.45	78	eP	57	52.15	-1.5	
OFUJ	43.18	276	eP	56	09.90	-2.2	Z	22s	4.38um			5.4Msz					epP	58	01.46	30kmX	
JFWS	44.23	76	eP-	56	19.44	-1.1	N	12s	1.74um					KEV	56.58	358	iP	57	54.00	-0.1	
	1.2s	282.87nm			6.0mb		E	12s	2.18um						0.9s	54.10nm		5.6mb			
			epP	56	30.10	37kmX				PcP	58	30.00					eS	05	44.00		
			S	02	59.04					PP	59	15.00		IIT	56.67	104	(P)	57	57.00	1.3	
			SS	06	33.54					eS	04	32.50		HBF	56.71	79	eP	57	54.03	-1.5	
YAMJ	44.74	276	eP	56	23.30	-1.4	RSNY	51.90	64	eP	57	19.45	-0.8				epP	58	03.52	31kmX	
FNO	45.08	89	iPd	56	28.90	1.4		1.1s	81.98nm			5.6mb					esP	58	09.93		
JAO	45.52	55	ePd	56	30.00	-0.8	MCWV	52.28	72	eP	57	22.25	-0.9				PcP	58	49.77		
TUL	45.58	87	eP	56	31.00	-0.4		0.9s	124.81nm			5.9mb		AKU	56.72	19	iP	57	56.30	1.1	
	0.6s	87.40nm			5.8mb		Z	20s	6.19um			5.6Msz			1.1s	60.76nm		5.5mb			
Z	20s	2.83um			5.2Msz					epP	57	32.15	33kmX	BJI	57.03	294	eP	57	56.50	-1.2	
			i	56	31.70		GBTN	52.54	79	eP	57	23.38	-1.8		Z	24s	4.17um		6.2mb		
			e	56	41.10					epP	57	33.32	33kmX	N	14s	2.90um		5.5MszX			
			e	56	47.90		SHNJ	52.76	279	P	57	25.60	-1.1				ePP	00	06.00		
			e	57	11.10		NAV	53.36	75	eP	57	29.65	-1.6				eS	05	50.00		
			S	03	05.00		BNH	53.60	62	eP	57	31.75	-1.1				eSS	09	40.00		
			SS	07	00.00		CBM	53.62	58	ePd	57	31.62	-1.3	IISM	57.23	103	(P)	57	59.00	-0.3	
			LR	10	52.00					epP	57	40.89	30kmX	ACX	57.50	107	(P)	58	02.00	0.7	
NIIJ	45.97	276	P	56	33.40	-1.1	BLA	53.65	75	eP	57	32.07	-1.2	APA	58.58	355	iPd	58	08.20	0.0	
KAKJ	45.98	274	P	56	30.30	-4.2X		0.9s	68.84nm			5.7mb		HHC	58.90	298	Pd	58	10.20	-0.8	
VVO	46.01	88	eP	56	35.20	0.4				epP	57	42.15	33kmX		1.4s	280.00nm		6.2mb			
			i	56	44.10					eP	57	35.10	-1.2		Z	12s	4.21um		5.8MszX		
BOD	46.40	312	iPd	56	36.90	-0.7	KUMJ	54.05	277	P	57	36.85	-1.3		N	13s	1.38um				
	1.4s	290.00nm			6.0mb		LVNJ	54.32	68	eP	57	46.62	32kmX		E	15s	2.98um				
MDJ	46.59	290	Pd	56	37.60	-1.7				epP	57	46.62	32kmX				PcP	58	28.00		
	1.5s	120.00nm			5.6mb					esP	57	53.88					PP	00	17.00		
Z	44s	10.90um			5.5MszX		IRK	54.32	312	iPd-	57	36.00	-2.1				ScS	07	50.00		
N	16s	2.75um						1.6s	172.00nm			5.8mb									
E	16s	3.75um								e	57	59.00		OXX	59.12	104	(P)	58	13.00	0.2	
			sP	56	52.00					e	58	05.00					eP	58	11.50	-1.1	
			S	03	24.00					e	58	14.10			1.2s	60.00nm		5.6mb			
CHJJ	46.78	274	P	56	38.70	-2.2				ePcP	58	56.00			Z	12s	4.58um		5.8MszX		
										e	59	17.50			N	13s	2.50um				

	E	13 s	3.43um	pP	59	14.00	45kmX
				sP	59	18.00	
				PP	01	30.00	
				iS	07	52.00	
				S cS	08	51.00	
UPP		66.49	3 iP	59	01.00	0.2	
		1.2 s	200.00nm			6.1mb	
				iS	07	53.00	
PUL		66.49	356 ePd	59	00.00	-0.8	
		1.8 s	190.00nm			5.9mb	
				e	59	08.00	
				e	59	34.00	
				eS	07	53.00	
				e	12	06.00	
QZH		66.84	281 P	59	01.50	-2.1	
Z		15 s	1.42um			5.3MszX	
EDR		67.60	15 eP	59	08.60	0.6	
WMO		67.95	315 P	59	10.00	-0.4	
		1.2 s	84.00nm			5.7mb	
Z		20 s	8.02um			5.9Msz	
N		12 s	2.53um				
E		12 s	3.56um				
EAB		68.03	16 eP	59	11.30	0.7	
		1.0 s	98.00nm			5.9mb	
EBH		68.10	15 eP	59	11.60	0.5	
		1.0 s	143.00nm			6.0mb	
EDI		68.46	15 eP	59	13.80	0.5	
ESY		68.56	15 eP	59	14.90	1.0	
EKA		69.04	15 P	59	17.00	0.1	
		0.9 s	61.30nm			5.7mb	
PMO		69.13	170 iP	59	15.30	-2.5	
		1.0 s	40.00nm			5.4mb	
TPT		69.14	170 iP	59	15.30	-2.5	
		1.0 s	55.00nm			5.6mb	
GCD		69.36	16 ePd	59	19.30	0.5	
RUV		69.36	170 iP	59	16.70	-2.5	
		1.0 s	65.00nm			5.6mb	
VAH		69.39	170 iP	59	16.80	-2.6	
		1.0 s	70.00nm			5.7mb	
MUD		69.41	8 iP	59	20.00	0.9	
		1.2 s	69.00nm			5.6mb	
XDE		69.78	16 ePd	59	21.60	0.2	
MOS		70.01	351 iPd	59	23.00	0.3	
		2.6 s	260.00nm			5.8mb	
				e	59	48.00	
				e	02	03.00	
				eS	08	33.00	
				ePS	09	10.00	
STH		70.02	87 iPd	59	22.53	-0.9	
DCN		70.23	19 eP	59	24.00	-0.1	
DCN		70.23	19 iPd	59	25.10	1.0X	
		0.7 s	146.00nm			6.2mb	
YHJ		70.35	86 iPd	59	25.41	0.0	
DLF		70.41	18 eP	59	25.00	-0.3	
DLF		70.41	18 iPd	59	26.00	0.7X	
		1.2 s	238.00nm			6.1mb	
COP		70.42	6 iPd-	59	26.30	1.1	
		1.0 s	108.00nm			5.9mb	
Z		19 s	0.90um			5.0Msz	
			iS	08	44.00		
CD2		70.54	296 P	59	25.60	-0.9	
		1.4 s	980.00nm			6.7mb	
Z		30 s	3.98um			5.5MszX	
N		22 s	3.94um				
CVP		70.54	273 ePd	59	26.00	-0.6	
WME		70.71	17 ePd	59	27.40	0.3	
		0.9 s	80.00nm			5.8mb	
OBN		70.73	352 iPd-	59	27.00	-0.1	
		1.3 s	270.00nm			6.2mb	
			i	59	35.00		
			i	59	46.00		
			e	02	10.00		
			e	03	50.00		
			iS	08	41.00		

HKC	71.44	282	eP	59	25.00	-6.9X
AFR	71.47	172	iP	59	29.20	-2.8
	1.0s	30.00nm			5.3mb	
PPN	71.49	172	iP	59	29.50	-2.6
	1.0s	45.00nm			5.5mb	
ECP	71.51	18	eP	59	32.70	0.8
ECP	71.51	18	eP	59	42.70	10.8X
TVO	71.75	172	iP	59	31.40	-2.4
	1.0s	85.00nm			5.7mb	
GYA	72.45	291	iPd	59	37.00	-1.0
	1.2s	290.00nm			6.2mb	
N	18s	5.32um				
E	18s	4.89um				
		pP	59	47.00	32kmX	
		PP	02	16.00		
		S	09	02.00		
		sS	09	18.00		
		SKS	09	31.00		
		SS	13	40.00		
MNK	72.46	357	eP	59	34.00	-3.5X
	1.0s	330.00nm			6.3mb	
Z	20s	2.10um			5.4Msz	
		eS	08	54.00		
TLG	72.48	321	iP	59	38.40	0.5
	1.8s	117.00nm			5.6mb	
		e	59	55.00		
		e	02	25.00		
		ePPP	04	07.00		
		eS	09	05.00		
		e	09	29.00		
		ePS	09	41.00		
		eSS	13	44.00		
SVO	72.52	225	eP	59	35.00	-3.3X
AAA	72.64	322	iP	59	40.00	1.2
	Z 20s	7.50um			6.0Msz	
	N 20s	8.50um				
	E 20s	5.00um				
		i	00	03.00		
		iPPP	04	09.00		
		iSSS	16	51.00		
HNR	72.72	225	eP	59	35.00	-4.5X
PRZ	72.77	320	iPc+	59	41.00	1.2
	1.6s	310.00nm			6.1mb	
		e	59	54.00		
		e	02	27.00		
		ePPP	04	08.00		
		eS	09	08.00		
		esS	09	42.00		
		eSS	13	51.00		
WIT	72.79	10	ePd	59	42.00	2.6
		e	59	51.00		
DBN	73.33	11	eP-	59	44.00	1.4
		ePcP	00	02.00		
		ePP	02	20.00		
		eS	09	20.00		
		eSS	14	20.00		
WTS	73.61	10	ePd	59	45.00	0.8
	0.8s	82.00nm			5.8mb	
		e	59	55.50		
CME	73.64	18	ePd	59	45.40	0.9
BRN	73.72	6	ePd	59	47.00	2.1
BRNL	73.72	6	iPd	59	45.90	1.0
PLP	73.83	267	ePc	59	43.70	-2.3
FRU	73.86	323	iPd	59	47.00	1.1
	2.2s	750.00nm			6.3mb	
	Z 18s	21.00um			6.5MszX	
	N 18s	19.00um				
	E 18s	13.00um				
		e	02	34.00		
		ePPP	04	18.00		
TGY	73.89	272	ePd	59	46.50	0.1
PGP	74.36	271	iPd	59	46.00	-3.1X
UCC	74.51	12	P-	59	50.00	0.5
ENN	74.73	11	ePd	59	51.00	0.3
	1.1s	119.00nm			5.8mb	
SNF	74.78	12	iPd	59	51.57	0.5
CLL	74.81	6	iPd	59	51.40	0.1
	1.4s	130.00nm			5.7mb	
Z	18s	1.00um			5.2Msz	
		eS	09	33.00		
MEM	74.89	11	iPd	59	52.20	0.5
MAP	75.09	267	eP	59	51.00	-2.3

WWKK	75.37	242 eP	59 53.50	-1.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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27d 18h

	0.9s	70.10nm	-	5.7mb	DVR	84.94	353	eP	00	46.40	0.6	KLG	115.65	31	PKP	06	52.00	-1.5		
IMI	81.71	11	P	00	29.13	-0.1	TIR	85.06	2	eP	00	46.20	0.0	LIC	115.69	31	PKP	06	52.00	-1.5
MME	81.71	9	P	00	31.30	1.9	VAY	85.12	0	iPd	00	48.30	1.8	BCAO	121.74	5	iPKPd	07	04.00	-1.1
DZM	81.89	214	iPc	00	28.10	-2.2	CTK	85.18	351	eP	00	50.00	3.0X		1.2s	28.00nm				
FRF	81.91	12	eP	00	30.80	0.6	NDI	85.21	314	iPd	00	47.00	-0.2				i	08	27.30	
	0.9s	54.70nm		5.6mb				1.0s	130.00nm		6.1mb		LWI	128.23	352	iPKPc	07	17.50	-0.4	
BUC	81.99	358	ePd	00	30.50	0.0			ePP	04	04.00		KRI	142.58	349	ePKP	07	41.50	-2.9X	
GUN	81.99	307	P	00	30.96	-0.3			eS	11	14.00					iPP	10	53.00		
SFI	82.08	8	P	00	33.30	2.3	EVIA	85.27	20	iPd	00	42.47	-5.0X	SPA	143.75	180	iPKPd	07	40.00	-4.9X
PGD	82.12	8	P	00	33.90	2.5	SRS	85.32	359	e(P)d	00	48.80	1.2		1.1s	178.57nm				
PII	82.16	9	P	00	31.70	0.3	EVAL	85.37	23	iPc	00	43.73	-4.1X	Z	19s	1.27um		5.7MsZ		
FIR	82.17	8	iPd	00	33.50	2.0	HRT	85.43	355	iP	00	50.00	1.8	BUL	145.97	350	iPKPd	07	52.00	1.9X
EGRA	82.23	17	iPc	00	28.26	-3.5X	BRT	85.45	4	P	00	49.75	1.6		0.8s	76.87nm				
KKN	82.37	307	P	00	32.68	-0.4			1.0s	154.80nm		6.2mb					iPKP	08	01.10	
	1.4s	1275.00nm		6.8mb			EBAN	85.47	21	eP	00	43.91	-4.5X				iPP	11	13.00	
CRE	82.38	8	Pc	00	34.20	1.5	EHOR	85.48	22	iPc	00	43.94	-4.5X	WIN	148.39	10	iPKPc	07	58.20	4.2X
LOE	82.40	289	iPd	00	30.20	-2.8	GRG	85.48	0	e(P)d	00	49.56	1.1		1.0s	50.00nm				
GKN	82.49	308	P	00	33.10	-0.5	ALN	85.50	357	e(P)	00	49.44	1.0	SLR	151.53	349	iPKPd	07	54.50	-4.1X
	1.4s	1254.00nm		6.8mb			SGKT	85.52	353	eP	00	50.40	1.5		1.0s	210.00nm				
PKI	82.50	307	P	00	33.14	-0.8	SOH	85.62	360	e(P)	00	50.04	0.9				i	08	06.00	
ARV	82.59	7	P	00	35.60	1.9	FNA	85.65	1	e(P)	00	49.76	0.5	SEK	154.16	350	ePKP	08	02.50	0.2
DMN	82.61	308	P	00	34.06	-0.3	EYL	85.66	354	iP	00	51.00	1.6		0.7s	43.15nm				
KAT	82.83	334	iP-	00	37.50	2.5	SGO	85.67	6	P	00	50.20	0.9				i	08	11.00	
			e	03	51.00		YLV	85.70	355	eP	00	51.00	1.4	MAW	156.64	219	iPKPc	08	02.80	-1.3
			iS	11	41.00		THE	85.81	360	e(P)	00	50.36	0.4		1.0s	43.00nm				
MTA	82.87	344	iPd-	00	17.40	-17.7X	GYN	85.84	354	eP	00	52.00	1.7	SNA	160.10	155	e(PKP)	08	04.70	-3.3X
	0.8s	500.00nm					SVST	85.87	349	eP	00	52.80	2.3		0.8s	76.12nm				
			ePPP	05	42.00		VLO	85.93	2	eP	00	46.50	-4.1X	NVL	162.42	168	ePKP	08	06.00	-4.3X
			iS	10	57.00		NAL	85.94	353	eP	00	52.60	1.7				e	08	55.00	
ASS	82.99	7	P	00	37.30	1.4	ELUO	85.95	21	iPc	00	46.61	-4.2X		S.D. = 1.2 on 507 of 594 obs.					
GUD	83.00	20	iPd	00	30.96	-5.1X	BNT	85.98	356	eP	00	53.90	3.0X		SEP 27, 1992 18h 08m 42.46±0.45s					
PLE	83.07	2	iPd	00	38.23	1.9	EHUE	86.05	20	eP	00	46.61	-4.8X		37.112 N ± 4.6km 5.141 W ± 4.5km					
HVAR	83.12	5	iP	00	35.90	-0.5	KCT	86.07	356	eP	00	52.50	1.2		DEPTH = 5.0km (geophysicist)					
EPLA	83.15	22	iPd	00	32.40	-4.3X	MGR	86.10	5	P	00	52.20	0.7	SPAIN	(377)					
PGF	83.18	10	eP	00	37.50	0.6	TPE	86.12	2	eP	00	52.00	0.5		mbLg 3.4 (MDD). Felt (III) in					
	1.4s	264.70nm		6.2mb			TAB	86.13	342	iP-	00	32.00	-19.8X		the El Sauceja area.					
SHE	83.20	340	iPd	00	38.00	1.2	BBTK	86.20	352	iPd	00	54.00	1.9	EPRU	0.16	206	iPgD	08	44.54	-1.3
ETOR	83.25	19	iPd	00	32.76	-4.5X	EPRU	86.31	22	eP	00	48.22	-4.4X				eSg	08	47.30	
ASH	83.45	332	iPd	00	40.00	1.8	LIT	86.34	0	e(P)	00	53.05	0.4	MAL	0.70	123	iPnd	08	55.00	-1.5
	1.4s	580.00nm		6.5mb			ECOG	86.37	21	iPc	00	48.22	-4.8X				iSg	09	05.00	
			e	03	47.00		PAIG	86.51	359	e(P)	00	53.24	-0.2	EJIF	0.71	202	iPgD	08	55.49	-1.2
			e	05	48.00		SRN	86.53	2	eP	00	58.80	5.3X				eSg	09	06.50	
			e	11	46.00		EZN	86.56	357	eP	00	54.20	0.5	GIBL	0.71	247	iP	08	57.00	0.3
			ePS	12	04.50		TDS	86.62	5	P	00	55.30	1.3	EHOR	0.71	353	iPgD	08	57.64	0.9
BRY	83.48	3	iPd	00	39.17	0.7	MAL	86.72	22	iP	00	56.20	1.7				eSg	09	06.50	
TSM	83.50	268	ePd	00	36.50	-2.3			iS	11	42.00		ELUO	0.83	57	ePg	08	59.97	1.0	
	1.5s	337.50nm		6.3mb			EJIF	86.75	22	eP	00	50.38	-4.3X				iSg	09	12.60	
IVA	83.54	2	iPd	00	39.89	1.2	EGUA	86.79	21	eP	00	49.80	-5.1X				ePn	09	04.00	1.4
NKY	83.58	3	iPd	00	39.79	0.9	ICT	86.89	2	e(P)	00	55.48	0.2	CNIL	1.04	225	iP	09	04.00	1.4
MNS	83.67	7	P	00	39.90	0.6	NNT	87.41	288	iPd	00	58.00	-0.2	OJEN	1.06	198	eP	09	05.00	2.1X
EBR	83.71	17	(P)	00	36.00	-3.4X	AGG	87.42	0	e(P)	00	57.68	-0.2	SFS	1.07	233	iP	09	04.00	0.9
AQU	83.76	7	P	00	41.20	1.4	GRI	87.46	5	P	00	57.77	-0.4	PLAT	1.11	207	iP	09	05.00	1.3
TOL	83.76	20	iPd	00	41.00	1.2			0.7s	29.30nm		5.7mb		ECOG	1.27	82	ePn	09	08.01	1.5
			ePP	04	02.00		KHL	87.93	355	eP	01	00.00	-0.5				eSn	09	23.70	
			eS	11	15.00		BCK	88.72	354	eP	01	04.10	-0.2	EGUA	1.29	102	ePn	09	07.23	0.4
PVY	83.82	2	iPd	00	40.97	0.8	AVE	89.30	25	iP	01	08.50	1.5				eSn	09	24.00	
HCY	83.93	3	iPd	00	41.19	0.6			i	01	18.00		EVAL	1.36	291	iPnd	09	07.23	-0.9	
TTG	83.97	3	iPd	00	41.58	0.9	IFR	89.64	23	iP	01	10.00	1.2				eSn	09	23.30	
BDT	84.04	291	eP	00	39.50	-1.9	MTN	89.76	248	eP	01	06.00	-3.2X	EBAN	1.50	45	ePn	09	10.22	0.1
BDV	84.10	3	iPd	00	41.88	0.4	CSS	90.99	351	eP	01	15.80	0.9				eSn	09	29.90	
AZI	84.12	7	P	00	42.80	1.3	TIO	91.59	25	iP	01	18.00	0.1	EHUE	2.15	70	ePn	09	19.30	-0.2
RDP	84.30	7	P	00	43.70	1.2	BRS	91.75	223	iPc	01	17.00	-1.2				eSn	09	44.50	
SDA	84.35	2	eP	00	44.00	1.4	RMO	92.63	226	eP	01	21.00	-1.2	ENIJ	2.35	93	ePn	09	24.61	2.2X
ERE	84.40	343	iP-	00	45.00	1.9			1.3s	89.00nm		6.0mb					eSn	09	53.20	
			i	04	06.00		IPM	93.17	282	ePd	01	24.30	-0.8				eSn			

27d 18h

CNB	1.2s	20.00nm	-	4.6mb	
CAN	26.31	258 eP	33 51.00	1.8	
BWA	26.61	257 eP	33 52.90	1.0	
	27.19	259 eP	33 55.60	-1.6	
		e	34 07.10		
RMQ	28.99	276 iPd	34 14.50	1.0	
	1.1s	49.00nm		5.1mb	
		e	34 28.30		
CMS	29.89	264 eP	34 21.00	-0.5	
CTA	33.92	285 iPc	34 56.30	-0.6	
	1.9s	92.11nm		5.4mb	
ASPA	42.46	271 iPc	36 06.80	-1.6	
	0.8s	16.20nm		4.8mb	
		eS	42 25.70		
WB2	43.74	276 iPd	36 18.70	0.0	
	0.7s	16.70nm		4.9mb	
		eS	42 45.20		
WARB	47.50	264 eP	36 45.50	-3.1X	
SPA	56.42	180 iPc	37 56.40	1.1	
	1.0s	16.50nm		5.0mb	
CGP	68.12	297 eP	39 11.00	-2.7	
MAW	68.98	201 eP	39 17.00	-1.2	
	1.0s	11.00nm		4.9mb	
NVL	75.50	184 eP	40 05.00	8.2X	
	1.6s	20.00nm		4.9mb	
		N 18s	1.50um	5.3msz	
		E 17s	1.00um		
			0.80um		
		e	40 14.00		
		e	40 22.00		
SNA	76.20	179 e(P)	40 10.90	10.2X	
	1.2s	31.25nm			
MAIO	132.91	290 ePKP	47 28.00	-0.3	
AKU	145.97	14 ePKP	47 55.60	4.8X	
	0.8s	14.93nm			
BCAO	146.71	213 iPKPc	47 54.00	0.4	
	1.3s	16.00nm			
KAF	147.47	338 iPKP	47 54.00	0.7	
	0.6s	5.50nm			
OBN	147.51	322 iPKPd	47 54.00	0.4	
	1.5s	42.00nm			
		e	48 06.50		
NUR	149.22	337 ePKP	47 58.00	2.7X	
	0.7s	18.20nm			
DSI	151.31	275 ePKP	48 05.30	5.1X	
PRNI	151.32	273 ePKP	48 05.70	5.4X	
HRI	151.37	279 ePKP	48 06.30	5.9X	
MML	151.47	277 iPKPd	48 06.80	6.3X	
NB2	151.95	350 PKP	48 04.50	4.2X	
	0.7s	5.90nm			
LIC	151.98	166 PKP	48 08.00	6.3X	
KIC	152.17	167 PKP	48 08.00	6.0X	
HFS	152.38	347 ePKP	48 05.70	4.8X	
	0.8s	8.50nm			
CLL	160.50	338 ePKP	48 55.00	43.7X	
	1.1s	12.00nm			
BRG	160.56	335 e(PKP)	48 52.20	40.8X	
KHC	162.13	333 ePKP	49 02.60	49.5X	
		e	49 10.00		

S.D. = 1.3 on 17 of 35 obs.

% SEP 27, 1992 18h 57m 05.30±2.10s
 43.284 N ±13.7km 18.893 E ±10.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.8 (TTG).

PLE	0.37	83 iPg	57 12.63	-0.3	
		iSg	57 18.15		
BRY	0.46	214 iPg	57 14.26	-0.4	
		iSg	57 21.20		
NKY	0.48	171 iPg	57 14.37	-0.7	
		iSg	57 21.26		
IVA	0.84	119 iPg	57 21.23	-0.4	
		iSg	57 33.61		
TTG	0.90	162 ePg	57 22.17	-0.3	
		iSg	57 35.23		
BDV	1.00	183 iPg	57 24.18	-0.1	
		iSg	57 38.66		
PVY	1.05	131 iPg	57 25.00	-0.2	
		iSg	57 40.43		
ULC	1.35	169 iPg	57 30.68	0.6	
		iSg	57 50.18		

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

% SEP 27, 1992 19h 45m 08.23±1.23s
 33.184 S ±5.3km 70.278 W ±10.2km

DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.4 (SAN).

FCH	0.14	184 iP+	45 11.84	0.0	
		iS	45 14.80		
PEL	0.34	277 iP	45 15.40	0.0	
		iS	45 20.59		
PCH	0.48	204 iP+	45 18.21	0.2	
		iS	45 25.46		
JACH	0.57	332 eP	45 19.80	0.0	
		iS	45 29.65		
ROCH	0.65	289 iP	45 21.02	-0.4	
CHCH	0.81	203 iP	45 24.18	0.2	
		iS	45 36.14		
CACH	0.97	196 eP	45 26.33	-0.4	
		eS	45 41.76		
LCCH	1.12	255 iP	45 29.24	0.0	
		iS	45 44.35		
LNv	1.22	231 iP	45 30.66	-0.2	
		iS	45 47.42		

S.D. = 0.3 on 9 of 9 obs.

? SEP 27, 1992 19h 52m 58.45±5.03s
 32.694 S ±30.1km 70.792 W ±12.4km
 DEPTH = 65.7 ±37.7 km

CHILE-ARGENTINA BORDER REGION (127)

JACH	0.17	86 iP+	53 08.44	-0.2	
		iS	53 17.05		
ROCH	0.33	214 iP+	53 09.59	-0.2	
		iS	53 19.29		
PEL	0.46	169 (P)	53 11.00	0.3	
		iS	53 20.98		
FCH	0.76	146 iPd	53 14.79	0.5	
		iS	53 27.63		
PCH	0.95	166 iP+	53 16.24	-0.3	
		iS	53 31.18		
TACH	0.96	187 iP+	53 16.29	-0.3	
		iS	53 32.17		
LCCH	1.02	220 iPd	53 17.73	0.5	
		iS	53 33.36		
CHCH	1.24	175 iP+	53 19.86	-0.4	
		iS	53 38.12		
LNv	1.36	202 iP+	53 21.45	-0.3	
		iS	53 40.71		

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

SEP 27, 1992 20h 53m 55.08±0.54s
 44.065 N ±4.5km 7.166 E ±5.2km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)

ML 1.4 (GEN).

STV	0.21	32 P	54 00.00	0.3	
		S	54 03.20		
ENR	0.24	48 P	54 00.38	0.0	
		S	54 04.10		
SBF	0.28	136 Pg	54 01.00	0.0	
		Sg	54 04.80		
PZZ	0.44	354 P	54 03.91	-0.2	
		S	54 10.26		
IMI	0.54	106 P	54 05.96	-0.1	
FRF	0.63	217 Pg	54 08.40	0.7	
		Sg	54 14.60		
LRG	0.84	224 Pg	54 11.20	-0.2	
		Sg	54 22.70		
LMR	0.87	213 Pg	54 11.40	-0.4	
		Sg	54 22.40		

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

% SEP 27, 1992 20h 56m 51.41±1.78s
 43.247 N ±12.1km 18.903 E ±9.2km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)

ML 1.7 (TTG).

PLE	0.37	77 iPg	56 59.03	0.0	
		iSg	57 04.42		
BRY	0.44	217 iPg	57 00.22	-0.1	
		iSg	57 07.24		
NKY	0.44	171 iPg	57 00.20	-0.2	
		iSg	57 07.29		
IVA	0.82	117 iPg	57 07.29	-0.1	
		iSg	57 19.70		
TTG	0.86	162 iPg	57 08.10	0.2	
		iSg	57 21.07		

BDV	0.96	183 iPg	57 10.00	0.2	
		iSg	57 24.42		
PVY	1.02	129 iPg	57 10.74	-0.1	
		iSg	57 26.17		

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

? SEP 27, 1992 21h 00m 59.10±4.13s
 32.042 S ±38.0km 70.509 W ±21.2km
 DEPTH = 100.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

JACH	0.64	186 iPd	01 16.21	-0.1	
		iS	01 29.60		
ROCH	1.02	204 iP+	01 20.27	0.0	
		iS	01 37.02		
PEL	1.11	188 iPd	01 20.99	-0.1	
		iS	01 37.39		
FCH	1.29	172 iPd	01 23.62	0.1	
		iS	01 42.59		
PCH	1.57	180 iP+	01 26.74	0.0	
		iS	01 48.27		
TACH	1.65	193 iPd	01 27.29	-0.3	
		iS	01 49.75		
LCCH	1.69	212 iP	01 28.78	0.7	
		iS	01 51.45		
CHCH	1.89	184 iP	01 30.53	-0.3	
		iS	01 56.42		
LNv	2.05	201 iPd	01 32.04	-0.8	
		iS	01 58.25		
CACH	2.07	182 iP	01 34.02	0.8	
		iS	02 00.43		

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

* SEP 27, 1992 21h 10m 09.51±0.97s
 6.477 S ±8.8km 130.129 E ±23.2km
 DEPTH = 33.0km (normal)
 4.6mb (2 obs.)

BANDA SEA (280)

SWI	5.69	11 iPd	11 34.00	0.1	
		iS	12 31.00		
MTN	6.41	171 eP	11 49.00	4.9X	
	0.3s	89.00nm		6.0mb X	
		eS	12 53.00		
KNA	9.31	188 iPc	12 25.20	0.6	
		eS	14 06.00		
WB2	14.00	163 eP	13 27.00	-0.8	
	0.2s	11.00nm		5.2mb	
		eS	15 52.70		
ASPA	17.47	168 eP	14 13.00	0.6	
	0.5s	6.20nm		4.0mb	
		eS	17 11.20		
MBL	17.68	213 eP	14 14.50	-0.4	

S.D. = 0.9 on 5 of 6 obs.

SEP 27, 1992 21h 32m 58.21±1.04s
 32.185 S ±5.8km 71.746 W ±12.3km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.2 (SAN).

IHA	0.84	174 (P)	33 13.70	0.1	
		iP+	33 15.56	-0.6	
ROCH	1.00	142 iP+	33 29.84		
		iS	33 17.00	-0.4	
JACH	1.09	117 iPd	33 32.92		
		iS	33 19.82	-0.3	
LCCH	1.30	173 iP	33 36.01		
		iS	33 26.32	0.0	
PEL	1.31	137 iP+	33 37.36		
		iS	33 24.11	0.1	
SAN	1.56	144 iP+	33 24.85	0.1	
TACH	1.61	155 eP	33 46.09		
		iS	33 25.83	-0.1	
FCH	1.67	133 iPd	33 47.42		
		(S)	33 27.29	0.2	
PCH	1.77	144 eP	33 50.90		
		iS	33 26.61	-0.6	
LNv	1.79	171 eP	33 51.71		
		iS	33 30.43	0.5	
CHCH	1.97	153 iP+	33 56.50		
		iS	33 33.59	1.0	
CACH	2.15	154 iP	34 01.92		
		iS	33 33.00	0.1	
TLL	2.17	22 (P)	34 04.00		
		iS	33 44.20	6.1X	
MDZ	2.54	107 eP			

27d 21h

i 35 54.60
i 34 16.30
S.D. = 0.5 on 13 of 14 obs.

? SEP 27, 1992 22h 23m 17.27 ± 4.46s
13.895 S ± 35.0km 167.176 E ± 15.7km
DEPTH = 216.6 ± 41.7 km
4.8mb (3 obs.)

VANUATU ISLANDS (186)

DZM 8.16 185 iPc 25 13.80 0.2
iS 26 45.00
RMO 21.32 231 eP 27 49.00 1.0
0.6s 30.00nm 5.0mb
STKA 29.47 228 iPc 29 02.80 -0.3
WB2 31.94 255 iPc 29 24.80 0.0
0.4s 5.90nm 4.6mb
ASPA 32.89 248 iPc 29 31.50 -1.7
0.5s 14.90nm 4.9mb
WARB 39.83 246 eP 30 30.50 -0.8
PKI 89.22 299 P 35 50.90 0.4
KKN 89.39 299 P 35 52.00 0.8
DMN 89.49 298 P 35 52.70 1.0
GKN 90.00 299 P 35 54.20 0.3
KAF 124.39 339 ePKP 41 50.50 -0.9
0.6s 4.40nm

NUR 126.06 338 iPKP 41 54.80 0.1
0.4s 7.10nm
NB2 129.80 345 PKP 42 01.20 -0.7
0.7s 1.30nm

GEC2 138.86 333 ePKP 42 22.10 2.6X
0.5s 0.68nm

GRG 139.17 318 ePKP 42 12.50 -7.7X
LIT 139.55 317 ePKP 42 07.00 -13.9X
AGG 140.19 316 ePKP 42 02.40 -19.7X
FLN 143.77 346 ePKP 42 25.90 -2.1
LOR 143.93 341 ePKP 42 26.90 -1.4
LBF 144.14 340 ePKP 42 27.40 -1.3
0.7s 4.95nm

GRR 144.21 346 ePKP 42 27.50 -1.2
0.8s 11.15nm

SSF 144.22 341 ePKP 42 27.90 -0.9
1.0s 23.20nm

LPL 144.40 336 ePKP 42 29.10 -0.4
0.6s 5.95nm

LPG 144.41 336 ePKP 42 29.20 -0.4
0.9s 14.40nm

SMF 144.48 340 ePKP 42 28.70 -0.6
0.8s 12.65nm

AVF 144.51 341 ePKP 42 28.70 -0.6
LFF 144.58 346 ePKP 42 29.00 -0.4
0.7s 21.85nm

BGF 144.88 341 ePKP 42 30.10 0.1
0.8s 21.20nm

MAF 145.26 341 ePKP 42 31.80 1.2
TCF 145.32 342 ePKP 42 30.70 0.0

SBF 145.46 334 ePKP 42 31.60 0.5
LSF 145.56 342 ePKP 42 32.50 1.4
MFF 145.70 344 ePKP 42 32.40 1.1
0.5s 8.90nm

PGF 145.79 331 ePKP 42 32.80 1.0
FRF 146.04 334 ePKP 42 33.50 1.5
LRG 146.25 334 ePKP 42 32.90 0.6

LMR 146.28 334 ePKP 42 34.10 1.7X
RJF 146.41 342 ePKP 42 35.30 2.7X
1.0s 13.20nm

CAF 146.58 341 ePKP 42 35.50 2.6X
LFF 146.98 342 ePKP 42 36.40 3.0X
0.6s 12.45nm

LPO 147.07 341 ePKP 42 36.70 3.1X
0.5s 6.50nm

BCAO 147.69 256 iPKPc 42 38.00 2.5
0.8s 35.00nm
i 42 41.00
i 42 45.00
i 42 52.00

S.D. = 1.1 on 33 of 42 obs.
SEP 27, 1992 22h 40m 32.58 ± 0.53s
37.819 N ± 6.6km 14.680 E ± 4.9km
DEPTH = 27.7 ± 5.5 km

SICILY (398)

MNO 0.11 6 Pc 40 38.00 0.0
GIB 0.54 288 P 40 42.60 -1.1
eSg 40 53.20
ATN 0.71 61 Pc 40 46.50 0.2

MEU 0.74 164 Pd 40 54.50
eSg 40 45.90 -1.1
eSg 40 56.50
MSI 0.79 61 P 40 48.10 0.4
eSg 40 59.00

MCT 0.85 258 P 40 49.80 1.1
SOI 1.12 77 Pc 40 53.10 0.7
eSg 41 08.50

CVT 1.50 265 Pd 40 58.40 0.5
eSg 41 20.00
LVI 1.86 276 P 41 03.30 0.2

TDS 2.25 35 P 41 07.60 -1.0
eSn 41 38.00
MGR 2.41 16 P 41 09.80 -1.2

SGO 2.78 10 P 41 15.60 -0.5
BRT 3.63 32 P 41 28.00 -0.3
DUI 3.84 358 P 41 32.30 1.0

SKO 6.65 49 ePn 42 12.00 1.0
VAY 7.03 58 ePn 42 13.00 -3.2X
S.D. = 0.9 on 15 of 16 obs.

? SEP 27, 1992 22h 46m 18.78 ± 6.52s
35.118 S ± 58.9km 71.027 W ± 18.9km
DEPTH = 100.0km (geophysicist)

CENTRAL CHILE (136)

CACH 1.06 20 iPd 46 40.09 -0.2
iS 46 58.23

LNv 1.20 345 iP 46 41.80 0.1
iS 47 00.78

CHCH 1.22 15 iP 46 42.34 0.3
iS 47 01.39

TACH 1.46 3 iPd 46 44.87 -0.1
iS 47 06.21

PCH 1.55 16 iPd 46 45.82 -0.4
iS 47 09.14

LCCH 1.70 345 iP+ 46 47.84 -0.1
iS 47 11.95

FCH 1.89 19 iP+ 46 51.34 0.6
iS 47 17.41

PEL 1.99 8 iP 46 51.56 -0.2
iS 47 18.55

ROCH 2.14 0 iP 46 54.56 0.6
iS 47 22.96

JACH 2.46 9 iP 46 57.49 -0.6
iS 47 29.47

S.D. = 0.4 on 10 of 10 obs.
SEP 27, 1992 23h 38m 54.52 ± 0.75s
1.467 S ± 14.4km 119.608 E ± 19.4km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)

SULAWESI, INDONESIA (268)

TSM 5.98 343 ePd 40 23.50 0.4
0.2s 89.80nm 6.1mb X

WB2 23.35 143 iPd 44 01.20 0.2
0.3s 7.90nm 4.7mb

GUN 43.62 315 P 46 58.26 0.1
0.8s 28.00nm 5.1mb

PKI 43.76 314 P 46 58.84 -0.4
0.7s 6.00nm 4.5mb

KKN 43.98 314 P 47 00.54 -0.4
DMN 44.00 314 P 47 01.30 0.2

GBA 44.40 291 P 47 05.00 0.8
GKN 44.56 314 P 47 05.42 -0.2

HYB 44.59 297 eP 47 06.00 0.2
MAIO 67.21 311 eP 49 47.00 -1.0
S.D. = 0.6 on 10 of 10 obs.

? SEP 28, 1992 00h 27m 05.20 ± 3.59s
26.111 S ± 28.1km 178.257 E ± 34.4km
DEPTH = 669.8 ± 32.7 km
4.8mb (6 obs.)

SOUTH OF FIJI ISLANDS (171)

DZM 11.51 288 iPc 29 38.70 -0.8
iS 31 48.10

BRS 22.78 261 iPd 31 24.50 1.5
CAN 26.70 243 iPd 31 58.40 1.2
BWA 27.00 245 iPd 31 58.80 -0.9

CTA 29.99 275 iPd 32 26.00 0.8
e 32 43.00
e(S) 36 38.00
OIS 35.83 271 iPd 33 13.60 -0.1
0.1s 11.00nm 5.3mb
ASPA 40.17 264 iPd 33 49.30 0.6

0.4s 43.30nm 5.3mb
eS 39 11.50
WARB 46.07 258 eP 34 33.00 -1.3
0.3s 21.00nm 5.0mb

KNA 47.12 272 eP 34 42.80 0.5
KLB 52.70 249 eP 35 22.70 0.0
0.3s 9.00nm 4.6mb

MEEK 52.99 255 eP 35 24.00 -0.9
MBL 53.38 262 iPc 35 27.00 -0.6
0.4s 8.00nm 4.4mb

BAL 53.77 250 eP 35 30.00 -0.2
MRWA 54.66 252 eP 35 36.30 -0.1
0.4s 5.00nm 4.1mb

NANU 56.78 259 eP 35 51.00 0.0
KAF 139.41 340 iPKP 45 12.40 -7.0X
0.4s 5.30nm

NUR 141.16 339 ePKP 45 18.50 -4.1X
0.3s 4.10nm

UPP 143.70 344 iPKP 45 26.60 -0.3
NB2 143.98 349 PKP 45 27.60 0.1
0.9s 64.20nm

HFS 144.36 347 ePKP 45 28.60 0.6
0.3s 46.10nm

HRI 146.80 291 ePKP 45 38.60 5.6X
JVI 147.16 289 ePKP 45 39.70 6.1X
ZNT 147.43 290 ePKP 45 40.40 6.5X

RMN 147.77 286 ePKP 45 41.10 6.4X
BSD 148.56 342 iPKP 45 41.00 6.1X
0.6s 22.00nm

CSS 148.66 295 ePKP 45 43.00 7.2X
CLI 149.24 319 ePKPc 45 28.50 -7.8X
PPCY 149.47 295 ePKP 45 43.80 6.8X

EDU 149.57 1 ePKPc 45 43.60 7.2X
1.0s 28.00nm

EBH 149.86 2 ePKPc 45 44.40 7.5X
EAB 149.89 3 ePKPc 45 44.30 7.4X
VRI 149.93 318 ePKP 45 29.50 -7.8X

EDI 150.20 2 ePKP 45 45.10 7.7X
EAU 150.27 2 ePKP 45 45.30 7.8X
0.8s 46.00nm

MLR 150.59 318 ePKPc 45 31.00 -7.5X
OJC 150.77 331 ePKPd 45 47.20 8.7X
EKA 150.79 2 PKPd 45 46.30 8.0X

0.5s 6.50nm
BCAO 150.99 225 iPKPd 45 49.00 9.1X
0.7s 33.00nm

SPC 151.32 329 ePKP 45 49.80 10.3X
PSZ 152.38 328 ePKPd 45 50.70 9.8X
CLL 152.44 340 iPKPd 45 50.90 10.1X

1.0s 29.00nm
BRG 152.51 338 iPKP 45 51.00 10.1X
1.0s 20.00nm

i 46 04.20
PRU 153.05 336 ePKP 45 52.00 10.3X
e 46 07.00

SRO 153.20 329 iPKP 45 52.60 10.7X
i 46 07.20

WTS 153.35 348 ePKP 45 53.00 11.0X
0.7s 11.00nm

MOX 153.44 341 ePKP 45 53.40 11.2X
1.3s 13.00nm

KHC 154.11 337 ePKP 45 44.50 1.3X
0.9s 3.00nm

e 45 54.50
i 46 11.10

GEC2 154.31 336 ePKP 45 45.50 2.0X
1.0s 1.43nm

e 45 54.60
e 45 58.40
e 46 12.00

GRF 154.41 340 iPKPc 45 55.70 12.2X
i 46 13.20

VAY 154.83 313 iPKP 46 14.40 30.0X
SKO 155.23 316 ePKP 46 17.10 32.2X
BHG 155.55 336 iPKPc 46 18.30 33.1X

S.D. = 0.8 on 18 of 52 obs.
SEP 28, 1992 00h 28m 56.93 ± 0.76s
46.558 N ± 6.2km 1.490 E ± 6.0km
DEPTH = 5.0km (geophysicist)

FRANCE (538)

ML 2.2 (LDG).
LSF 0.31 175 Pg 29 02.60 -0.6
Sg 29 06.30

TCF	0.57	118	Pg	29 07.90	-0.4
			Sg	29 14.60	
MAF	0.82	114	Pg	29 12.40	-0.9
			Sg	29 23.40	
BGF	0.94	90	Pg	29 15.10	-0.1
			Sg	29 27.90	
HYF	1.06	48	Pg	29 15.30	-2.1
			Sg	29 32.20	
MFF	1.13	273	Pg	29 18.50	0.0
			Sg	29 32.30	
RJF	1.25	179	Pg	29 20.70	0.0
			Sg	29 36.10	
AVF	1.30	79	Pg	29 21.80	0.3
			Sg	29 38.40	
SSF	1.47	69	Pg	29 23.80	-0.3
			Sg	29 44.10	
SMF	1.62	86	Pg	29 26.90	0.6
			Sg	29 49.00	
CAF	1.68	166	Pg	29 27.90	0.7
			Sg	29 50.20	
LBF	1.76	75	Pg	29 29.70	1.4
			Sg	29 53.10	
LOR	1.77	66	Pg	29 29.90	1.4
			Sg	29 52.70	
S.D. = 1.0 on 13 of 13 obs.					

? SEP 28, 1992 00h 52m 30.64±3.24s
6.577 S ±23.7km 147.247 E ±21.7km
DEPTH = 10.0km (geophysicist)
4.1mb (1 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)
ML 4.5 (PMG).

LAT	0.26	250	iPc	52 36.10	0.0
YYYY	1.31	285	eP	52 54.80	-0.2
PMG	2.81	182	eP	53 16.00	-0.5
			eS	53 59.00	
MNDI	3.59	277	eP	54 05.00	37.3X
ASPA	21.29	216	eP	57 20.50	0.7
			0.7s	5.80nm	4.1mb
S.D. = 0.9 on 4 of 5 obs.					

? SEP 28, 1992 01h 43m 07.98±17.55s
31.887 S ±121.km 71.919 W ±73.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

ROCH	1.33	145	iPd	43 29.33	-1.2
			iS	43 42.13	
JACH	1.37	126	iPd	43 31.37	0.2
			iS	43 46.22	
LCCCH	1.61	170	iP+	43 33.31	-1.1
			iS	43 49.28	
PEL	1.63	141	iP+	43 34.34	-0.5
			iS	43 51.27	
TACH	1.95	155	iPd	43 39.02	-0.3
			iS	44 00.87	
FCH	1.99	137	iP	43 40.08	-0.2
			iS	44 02.49	
PCH	2.10	146	iP+	43 41.87	0.3
			iS	44 05.59	
LNV	2.11	168	iPd	43 42.37	0.8
			iS	44 03.93	
CHCH	2.30	153	iP	43 45.06	0.6
			iS	44 10.29	
CACH	2.48	154	iP	43 48.06	0.9
S.D. = 0.9 on 10 of 10 obs.					

? SEP 28, 1992 03h 24m 56.80±1.00s
37.845 N ±9.0km 14.813 E ±8.9km
DEPTH = 10.0km (geophysicist)
SICILY (398)

MNO	0.13	313	Pc	25 00.00	-0.1
			eSg	25 04.90	
ATN	0.60	58	P	25 09.40	0.4
			eSg	25 21.20	
MEU	0.75	173	P	25 11.60	0.1
			eSg	25 19.50	
SOI	1.01	77	P	25 15.40	-0.4
			eSg	25 31.50	
S.D. = 0.6 on 4 of 4 obs.					

* SEP 28, 1992 04h 14m 09.04±0.67s
22.903 N ±9.8km 144.371 E ±14.8km
DEPTH = 33.0km (normal)

4.8mb (9 obs.) VOLCANO ISLANDS REGION (213)

MAT	14.60	340	(P)	17 33.00	-2.1
			(S)	17 55.00	
SSE	22.18	297	P	19 02.00	-1.9
	1.0s	25.00nm		4.6mb	
Z	16s	0.44um		4.0MszX	
NJ2	24.36	298	Pc	19 26.00	0.8
	N 18s	2.77um			
	E 17s	1.77um			
MDJ	24.82	334	eP	19 31.40	1.9
CN2	26.04	328	eP	19 43.00	2.0
TIA	27.05	306	eP	19 50.40	0.0
LZH	37.38	300	Pc	21 21.30	0.5
	1.5s	19.00nm		4.7mb	
CTA	42.77	177	eP	22 06.00	0.8
			e	22 43.00	
WB2	43.69	194	iPc	22 12.60	-0.2
	0.8s	10.00nm		4.6mb	
ASPA	47.40	193	iPd	22 41.60	-0.6
	0.6s	5.50nm		4.7mb	
DZM	49.60	153	iPc	22 59.20	-0.2
WMO	50.68	309	eP	23 08.50	1.0
GUN	52.65	288	P	23 22.92	0.0
	0.4s	11.00nm		5.2mb	

PKI 53.12 288 P 23 26.04 -0.3
KKN 53.20 288 P 23 27.16 0.4
DMN 53.38 288 P 23 28.00 -0.1
GKN 53.72 289 P 23 30.60 0.0
STKA 54.53 183 eP 23 28.00 -8.1X
YKA 74.88 28 eP 25 58.00 10.1X
0.8s 2.30nm

KAF	82.10	335	iP	26 26.40	-0.9
	0.5s	1.90nm		4.4mb	
LRM	82.55	43	eP	26 31.00	0.6
			e	26 41.90	
NUR	83.68	334	eP	26 39.00	3.5X
	1.1s	18.40nm		5.1mb	
N82	88.22	339	P	26 56.30	-1.7
	0.9s	1.90nm		4.4mb	
ZOBO	148.73	84	PKP	33 56.90	4.7X
LP8	148.83	84	ePKP	33 58.00	5.9X
CNC8	149.02	85	PKP	33 59.00	6.5X
CCH	150.86	85	ePKP	34 05.00	10.0X
S.D. = 1.2 on 20 of 27 obs.					

? SEP 28, 1992 04h 47m 59.53±5.25s
33.071 S ±16.2km 72.073 W ±37.0km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.4 (SAN).

LCCH	0.58	134	iPd	48 11.38	0.1
			iS	48 19.77	
ROCH	0.90	84	iPd	48 16.76	-0.1
			iS	48 29.27	
LNV	1.04	148	iPd	48 18.79	-0.4
			iS	48 32.70	
TACH	1.11	122	iP+	48 20.04	-0.4
			iS	48 35.06	
PEL	1.17	94	iPd	48 21.68	0.3
			iS	48 37.77	
JACH	1.30	73	iPd	48 23.48	-0.3
			iS	48 41.94	
PCH	1.42	113	iP	48 25.40	0.0
			iS	48 44.40	
CHCH	1.47	126	iP+	48 26.14	0.1
			iS	48 46.26	
FCH	1.52	100	iP+	48 27.17	0.1
			iS	48 48.60	
CACH	1.61	131	iP+	48 28.68	0.5
			iS	48 51.69	
S.D. = 0.3 on 10 of 10 obs.					

* SEP 28, 1992 05h 08m 18.24±0.83s
41.023 N ±7.8km 22.433 E ±8.7km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.3 (SKO).

GRG	0.07	200	ePc	08 21.10	0.5
VAY	0.32	19	iPg	08 24.30	-0.5
			iSg	08 28.50	
FNA	0.84	254	eP	08 34.70	0.3
SRS	0.88	83	eP	08 35.80	0.6

LH 0.92 177 eP 08 35.00 -0.9
S.D. = 0.9 on 5 of 5 obs.

? SEP 28, 1992 05h 17m 09.87±5.71s
34.606 S ±48.5km 71.077 W ±15.2km
DEPTH = 60.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

CACH	0.63	39	iP+	17 23.44	-0.1
			iS	17 35.04	
LNV	0.71	337	iP+	17 24.40	0.2
			iS	17 35.92	
CHCH	0.76	28	iP	17 24.77	-0.2
			iS	17 37.57	
TACH	0.96	7	iP	17 27.26	-0.2
			iS	17 41.55	
PCH	1.09	26	iPd	17 29.63	0.3
			iS	17 44.88	
FCH	1.43	27	iP	17 34.40	0.1
			iS	17 54.03	
PEL	1.49	13	eP	17 35.10	0.2
			iS	17 54.41	
ROCH	1.63	2	P	17 36.69	-0.2
			iS	17 57.06	
S.D. = 0.3 on 8 of 8 obs.					

SEP 28, 1992 05h 56m 57.80±2.84s
13.497 N ±7.5km 90.705 W ±8.5km
DEPTH = 19.4 ±20.4 km
4.5mb (13 obs.) 4.1Msz (1 obs.)
NEAR COAST OF GUATEMALA (71)

TPX	2.06	313	iP	57 30.50	-1.4
			iS	58 00.50	
SCX	3.72	330	eP	58 01.50	6.0X
			iS	58 44.00	
OXX	6.81	302	eP	58 39.00	-0.5
IISM	8.42	311	eP	58 57.00	-4.7X
IIT	9.13	308	eP	59 13.50	1.6
ACX	9.45	292	eP	59 13.00	-3.0X
UNM	9.99	307	eP	59 24.00	0.3
MRX	11.79	303	(P)	59 40.00	-8.0X
CGX	13.69	298	(P)	00 13.00	-0.6
AGX	13.83	309	(P)	00 20.50	5.3X
UYO	20.86	351	iPd	01 39.60	-1.5
MIAR	21.12	353	eP	01 43.75	0.0
	0.9s	22.62nm		4.6mb	
HBF	21.52	24	(P)	01 50.91	3.1X
SGS	21.70	24	(P)	01 56.65	7.1X
PRM	21.85	19	eP	01 52.17	1.1
OLY	21.92	358	eP	01 52.33	0.5
JSC	22.39	21	(P)	02 04.11	7.6X
FNO	22.49	346	iPc	01 57.00	-0.5
SIO	22.72	348	eP	01 56.40	-3.3X
LHS	22.73	22	eP	02 01.52	1.7
TUL	22.78	349	eP	01 59.10	-1.2
	0.3s	1.80nm		4.1mb	
Z	20s	0.75um		4.1Msz	
			S	06 34.00	
			LR	08 46.00	

GBTN	22.84	14	eP	02 05.02	4.1X
ELC	23.73	3	eP	02 11.10	1.6
CEH	24.62	23	eP	02 23.68	5.5X
	0.6s	13.74nm		4.7mb	
NAV	25.32	19	eP	02 29.04	4.1X
ALO	25.66	329	ePc	02 29.22	0.9
	0.7s	9.30nm		4.5mb	
GLA	29.37	316	eP	03 02.22	0.3
MSU	31.35	327	eP	03 19.77	0.1
PEC	31.45	315	(P)	03 20.50	0.2
EMUT	31.63	330	eP	03 22.40	0.3
RSSD	32.58	342	eP	03 29.90	-0.5
	0.7s	2.27nm		4.2mb	
TPNV	32.66	320	(P)	03 35.77	4.7X
	0.8s	13.32nm		4.9mb	
DUG	32.92	328	eP	03 33.77	0.5
	0.7s	2.98nm		4.3mb	
RSNY	33.09	21	(P)	03 40.33	-1.1
	0.9s	8.51nm		4.7mb	
TNP	33.97	321	eP	03 43.07	0.6
	0.6s	3.01nm		4.4mb	
HVU	34.09	330	(P)	03 41.99	-1.4
EEO	34.46	14	eP	03 48.50	2.2
BONR	34.56	320	eP	03 48.43	0.7
PHAM	34.73	315	eP	03 49.25	0.4
CMB	35.94	318	eP	03 58.55	-0.6
	1.0s	7.61nm		4.6mb	

28d 06h

ULM 36.89 354 eP 04 07.50 0.6
 ZOBO 37.06 142 P 04 08.70 -0.7
 LRM 37.10 335 eP 04 07.60 -1.4
 LPB 37.27 142 eP 04 11.00 0.1
 ORV 37.52 319 eP 04 13.13 0.8
 CNCB 37.56 143 P 04 13.00 -0.5
 LBFM 38.81 322 eP 04 23.16 -0.3
 CCH 39.11 141 eP 04 27.00 0.8
 VGB 40.82 327 eP 04 40.19 0.5
 YKA 51.81 346 eP 06 04.80 -1.5
 0.9s 4.00nm 4.3mb
 PDCR 57.30 115 eP 06 56.10 9.0X
 KLU 61.98 333 eP 07 20.30 1.5
 SLKM 63.53 332 (P) 07 29.21 0.2
 MBC 64.57 353 eP 07 33.50 -2.0
 DAG 72.83 13 eP 08 24.30 -2.4
 EKA 77.64 36 Pc 08 53.00 -1.4
 0.9s 3.60nm 4.4mb
 TIC 84.30 85 P 09 30.32 0.0
 LIC 84.38 85 P 09 30.96 0.2
 KIC 84.63 85 P 09 32.14 0.1
 GEC2 89.18 40 eP 09 52.60 -1.1
 1.0s 1.41nm 4.2mb
 LAT 122.89 271 ePKP 16 09.30 14.1X
 LZH 128.80 345 ePKP 16 12.00 5.7X
 1.5s 22.00nm
 WB2 136.47 255 ePKP 16 27.00 5.9X
 0.8s 3.20nm
 GKN 138.50 6 PKP 16 25.40 0.5
 KKN 138.77 5 PKP 16 26.00 0.5
 SHL 141.09 356 ePKP 16 28.50 -1.1
 LOE 146.93 338 iPKPc 16 41.00 1.5
 HYB 147.50 19 ePKP 16 42.00 1.6
 BDT 147.99 342 ePKP 16 41.00 -0.1
 1.0s 41.40nm
 NST 149.10 339 ePKP 16 48.50 5.6X
 GBA 150.62 24 PKP 16 48.00 2.8X
 NNT 152.09 338 ePKP 16 55.50 8.0X
 S.D. = 1.1 on 52 of 72 obs.

? SEP 28, 1992 07h 20m 13.24± 4.27s
 32.761 S ±24.4km 71.280 W ±16.6km
 DEPTH = 64.6 ± 33.6 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.0 (SAN).

ROCH 0.31 133 iP+ 20 24.19 -0.1
 JACH 0.58 82 iP+ 20 26.91 0.1
 PEL 0.63 127 iPd 20 27.19 0.0
 LCCH 0.75 199 iP+ 20 28.71 0.1
 TACH 0.94 162 iP+ 20 31.33 0.4
 FCH 1.01 124 iP 20 31.93 -0.2
 PCH 1.07 143 eP 20 32.64 -0.1
 LNV 1.20 185 iP 20 33.92 -0.4
 CHCM 1.28 156 iP+ 20 35.74 0.2
 S.D. = 0.3 on 9 of 9 obs.

SEP 28, 1992 07h 41m 28.69± 0.47s
 13.474 N ± 3.1km 90.675 W ± 3.2km
 DEPTH = 67.1 ± 3.9 km
 5.4mb (74 obs.)
 NEAR COAST OF GUATEMALA (71)
 Mo=3.4*10**18 Nm (PPT). Felt
 strongly at Guatemala City.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 31S, 80C
 Centroid Location:
 Origin Time 07:41:28.7 0.2
 Lat 13.24N 0.02 Lon 90.99W 0.02
 Dep 15.0 BDY Half-duration 2.5
 Moment Tensor: Scale 10**18 Nm
 Mrr=-1.09 0.02 Mtt=0.94 0.02
 Mff=0.15 0.03 Mrt=-0.44 0.09
 Mrf=0.58 0.05 Mtf=-0.18 0.02
 Principal Axes:
 T Val=1.13 Plg=15 Azm=199

N 0.24 15 293
 P -1.37 68 66
 Best Double Couple: Mo=1.2*10**18
 NP1: Strike=269 Dip=32 Slip=-119
 NP2: 122 62 -73
 TER 0.82 359 ePc 41 45.18 0.1
 PCG 0.92 4 ePc 42 25.81
 GCG 1.11 7 ePd 41 47.29 0.8
 BVA 1.19 2 ePc 41 51.40 1.4
 QZG 1.70 47 ePc 42 01.86 4.9X
 TPX 2.10 313 iP 41 57.00 -5.2X
 SCX 3.75 330 iP 42 25.00 -0.4
 VCR 5.95 123 ePd 42 54.88 -1.5
 JCR 6.53 123 ePd 43 03.10 -1.3
 OXX 6.85 302 eP (S) 44 13.50
 SJS 7.37 118 eP 43 15.76 -0.4
 LCR2 7.51 119 eP 43 18.68 0.5
 QCR 7.54 122 eP 43 18.50 0.2
 BUS 7.82 119 ePd 43 24.10 1.5
 LIO 8.24 114 eP 43 28.96 1.0
 IISM 8.45 311 eP 43 28.00 -2.9X
 ACR 8.79 122 ePd 43 34.88 -0.7
 IIT 9.17 308 eP 43 31.00 -10.0X
 ACX 9.49 292 eP 43 38.50 -6.6X
 UNM 10.03 307 eP 43 49.00 -3.7X
 MRX 11.83 303 eP 44 13.00 -3.7X
 PCJ 13.68 70 ePd 44 54.06 12.9X
 CGX 13.73 299 (P) 44 32.50 -9.5X
 AGX 13.87 309 (P) 44 43.50 -0.1
 STH 14.10 69 ePd 44 52.85 6.2X
 HOJ 14.14 70 ePd 44 53.36 6.2X
 GWJ 14.17 69 ePd 44 53.55 5.9X
 YHJ 14.34 70 ePd 44 56.64 6.8X
 MZX 17.79 305 iP 45 32.50 -0.9
 BMG 18.44 108 iPd 45 42.00 0.5
 BOG 18.60 117 iPd 45 47.50 3.9X
 SDV 20.18 101 ePc 45 59.80 -0.8
 TOV 20.78 98 eP 46 05.90 -0.7
 UYO 20.89 351 iPc 46 05.50 -2.0
 MIAR 21.14 353 ePc 46 09.16 -1.0
 1.1s 229.78nm 5.4mb
 Z 21s 9.67um 5.2Msz
 SGS 21.71 24 eP 46 16.46 0.7
 PRM 21.86 19 eP 46 17.65 0.3
 OLY 21.95 358 eP 46 16.42 -1.7
 VVO 22.24 349 eP 46 20.20 -0.9
 JSC 22.41 21 eP 46 22.49 -0.2
 FNO 22.52 346 iPd 46 22.40 -1.4
 LHS 22.74 21 eP 46 26.46 0.5
 TUL 22.81 349 eP 46 25.20 -1.4
 0.6s 61.70nm 5.2mb
 Z 22s 11.78um 5.3Msz
 GBTN 22.85 14 ePd 46 28.32 1.3
 MGP 23.14 76 eP 46 31.30 1.4
 LRS 23.41 75 eP 46 35.40 2.8X
 CAR 23.41 95 iPc 46 32.00 -0.7
 PORP 23.57 76 eP 46 34.20 0.1
 CLLP 23.63 76 eP 46 35.00 0.9
 ELC 23.75 3 ePd 46 36.01 0.3
 PCO 23.80 347 e(P) 46 35.20 -1.1
 CPD 24.25 76 eP 46 40.40 -0.4
 FVM 24.41 0 eP 46 41.47 -0.7
 0.9s 63.94nm 5.1mb
 Z 18s 50.94um 6.1Msz
 CEH 24.63 23 eP- 46 44.02 -0.3
 1.2s 100.32nm 5.2mb
 Z 19s 51.18um 6.0Msz
 SLM 25.06 1 P- 46 48.04 -0.3
 Z 21s 92.74um 6.3Msz
 NAV 25.33 19 (P) 46 51.64 0.7
 BLA 25.35 19 eP 46 52.22 1.1

ALQ 1.2s 126.26nm 5.3mb
 25.70 329 ePd 46 54.85 0.3
 1.0s 66.60nm 5.1mb
 Z 20s 9.60um 5.3Msz
 CBN 27.32 23 eP 47 10.00 0.9
 NNA 28.78 151 iPc 47 22.80 0.3
 1.2s 42.19nm 4.9mb
 JFWS 29.34 1 eP- 47 26.71 -0.5
 0.5s 26.17nm 5.2mb
 Z 19s 43.30um 6.1Msz
 ePP 48 17.73
 S 53 01.78
 GLA 29.40 316 eP 47 27.65 -0.4
 ePcP 50 35.88
 eScP 54 20.58
 DLA 30.32 13 P 47 35.40 -0.5
 LDN 30.58 14 P 47 37.30 -0.9
 LVNJ 30.58 24 ePd 47 38.14 -0.1
 ELF 30.69 13 P 47 38.30 -0.9
 GMTN 30.88 25 eP 47 46.40 5.5X
 PNJ 30.91 25 eP 47 42.30 1.2
 TYNO 30.95 15 P 47 41.23 -0.2
 PLM 30.98 314 eP 47 41.48 -0.6
 SRU 30.98 329 eP 47 41.20 -0.8
 TBR 31.08 24 eP 47 42.59 -0.1
 ACTO 31.39 15 P 47 44.95 -0.4
 MSU 31.39 326 eP 47 45.12 -0.6
 ePcP 50 40.70
 PEC 31.48 315 iPd 47 46.70 0.4
 1.2s 58.16nm 5.2mb
 ARUT 31.57 324 ePd 47 47.84 0.6
 ePcP 50 39.23
 eScP 54 28.52
 SSK 32.03 315 eP 47 51.09 -0.2
 GSC 32.05 317 eP 47 51.15 -0.2
 ePcP 50 42.63
 WLVO 32.12 17 P 47 51.59 -0.1
 DAU 32.34 330 ePd 47 53.85 -0.2
 RSSD 32.62 342 iPc- 47 55.74 -0.6
 1.3s 59.52nm 5.3mb
 Z 19s 8.41um 5.5Msz
 ePcP 50 41.34
 S 53 50.84
 TPNV 32.70 320 eP 47 57.73 0.7
 1.2s 140.57nm 5.7mb
 Z 19s 31.06um 6.0Msz
 ePcP 50 43.19
 eScP 54 32.56
 DUG 32.96 328 eP 47 59.38 0.2
 1.1s 54.95nm 5.3mb
 ePcP 50 42.72
 eScP 54 31.87
 HRV 33.33 26 eP- 48 01.68 -0.5
 1.0s 23.05nm 5.0mb
 Z 18s 29.38um 6.0Msz
 S 53 19.83
 ISA 33.37 316 ePd- 48 02.92 0.1
 1.1s 63.24nm 5.4mb
 Z 19s 10.44um 5.6Msz
 ePcP 50 44.76
 S 53 28.78
 ABL 33.43 314 eP 48 03.81 0.3
 ePcP 50 45.04
 RSNY 33.90 21 eP- 48 06.91 -0.3
 1.0s 50.40nm 5.4mb
 Z 21s 31.55um 6.0Msz
 ePcP 50 41.89
 S 53 45.56
 TNP 34.01 321 eP 48 08.93 0.5
 1.3s 198.85nm 5.9mb
 HVU 34.12 330 eP 48 09.13 -0.2
 ePcP 50 46.71
 BCH 34.21 314 eP 48 09.93 -0.2
 ePcP 50 46.93
 EEO 34.47 14 ePc 48 14.40 2.3
 BONR 34.60 320 ePd 48 14.02 0.4
 ePcP 50 42.66
 PTI 34.77 332 eP 48 14.86 0.0
 PHAM 34.77 315 eP 48 15.27 0.5
 MEMM 34.83 319 iP 48 16.72 1.5
 FRI 34.94 317 eP 48 15.41 -0.8
 PRI 35.12 315 eP 48 18.37 0.5
 KVN 35.15 321 eP 48 18.57 0.4
 BNH 35.16 24 (P) 48 17.13 -0.9
 ARE 35.27 147 eP 48 20.00 0.5
 LLA 35.56 316 eP 48 21.24 -0.2

PRS	35.70	315	ePd	48	22.49	-0.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	E	14s	1.90um			
			SKS	07	20.00	
MA10	123.04	29	ePKP	00	17.00	-2.5
RMO	123.10	247	ePKP	00	20.40	0.6
	1.0s		17.00nm			
MAW	123.20	168	e(PKP)	00	13.00	-5.7X
	1.0s		9.00nm			
PRZ	123.42	10	ePKP	00	22.00	1.8
	1.0s		80.00nm			
			(S)	12	00.00	
TIA	124.04	333	ePKP	00	22.40	1.0
Z	22s		6.31um			6.2Msz
N	18s		4.03um			
TIY	124.65	338	PKPd	00	23.50	0.9
Z	18s		5.48um			6.3Msz
N	19s		5.11um			
E	20s		2.49um			
			PP	02	09.50	
CTA	125.31	255	iPKP	00	25.00	0.7
CMS	125.38	241	ePKP	00	23.50	-0.6
KSH	125.90	13	PKP	00	27.50	2.4
Z	20s		9.95um			6.5Msz
N	16s		2.10um			
E	16s		5.69um			
SSE	126.14	326	PKP	00	26.00	0.4
Z	20s		4.70um			6.2Msz
N	20s		2.70um			
E	18s		2.10um			
			SS	19	20.00	
GTA	126.49	350	PKP	00	27.00	0.8
Z	20s		9.69um			6.5Msz
N	17s		3.29um			
NJ2	126.62	329	PKPc	00	27.60	1.1
N	18s		2.77um			
E	17s		1.77um			
NA1	126.65	81	ePKPd	00	29.50	2.2
Z	20s		1.17um			5.6Msz
ARO	127.63	64	ePKP+	00	31.50	2.5
LZH	128.83	345	ePKP	00	23.00	-7.8X
Z	26s		7.07um			6.2MszX
N	20s		5.85um			
			pPKP	00	32.00	
			sPKP	00	39.50	
STKA	128.91	240	ePKP	00	30.50	-0.4
XAN	129.20	339	PKP	00	32.00	0.6
Z	22s		6.75um			6.3Msz
N	20s		4.86um			
WHN	130.05	332	PKP	00	33.50	0.5
Z	22s		2.60um			5.9Msz
N	20s		4.82um			
			PP	02	47.00	
OIS	131.56	254	ePKP	00	35.90	-0.3
QZH	132.32	323	ePKP	00	38.00	0.5
Z	21s		3.93um			6.1Msz
N	20s		5.00um			
			PP	02	58.00	
			PKS	04	10.00	
CD2	133.74	343	ePKP	00	41.30	1.2
Z	20s		7.59um			6.4Msz
N	18s		4.76um			
			PP	03	14.00	
			PKS	04	12.00	
ND1	136.49	16	iPKP	00	46.50	1.2
			ePP	03	28.00	
WB2	136.50	255	iPKPd	00	38.20	-7.4X
0.9s			3.50nm			
			e	00	46.00	
			i	04	32.50	
GZH	136.72	327	PKP	00	44.00	-1.9
Z	20s		4.12um			6.2Msz
			PP	03	28.00	
			PKS	04	25.00	
GYA	136.88	337	iPKPc	00	47.00	0.7
N	20s		4.53um			
E	20s		3.77um			
			PP	03	30.00	
			PKS	04	20.00	
LSA	137.04	358	PKP	00	42.00	-5.0X
Z</						

28d 08h

KMI 139.47 341 PKPc 00 54.00 2.8X
 Z 20s 4.50um 6.2Msz
 N 20s 4.80um
 E 18s 1.60um
 PP 03 45.00
 SHL 141.12 356 ePKP 00 48.00 -6.1X
 ePP 04 32.00
 QIZ 141.90 327 PKPc 00 51.00 -4.5X
 BOM 143.95 27 ePKP 00 59.00 0.1
 COOL 145.99 234 ePKP 01 01.00 -1.2
 TSM 146.61 300 ePKPc 01 06.50 2.9X
 LOE 146.96 338 ePKP 01 06.10 2.1
 RKG 147.32 225 iPKPc 01 07.00 2.9X
 BDT 148.02 342 ePKP 01 05.80 0.1
 1.1s 274.60nm
 NST 149.13 339 ePKP 01 09.50 2.0
 MUN 149.25 229 ePKP 01 08.00 0.7
 1.0s 108.00nm
 BAL 149.55 231 ePKP 01 09.00 1.2
 MEEK 149.62 240 ePKP 01 12.00 4.0X
 MBL 149.93 251 iPKPd 01 12.90 4.3X
 GBA 150.63 24 PKP 01 11.00 1.3
 MRWA 150.73 233 ePKP 01 12.00 2.4X
 NNT 152.13 338 ePKP 01 16.00 4.0X
 NANU 153.53 246 ePKP 01 15.00 1.2
 S.D. = 1.1 on 269 of 332 obs.

* SEP 28, 1992 08h 17m 20.93 ± 1.27s
 2.950 S ± 16.3km 139.028 E ± 10.5km
 DEPTH = 33.0km (normal)
 4.9mb (8 obs.)

NEAR NORTH COAST OF IRIAN JAYA (197)

WWKK 4.64 98 eP 18 27.70 -2.8
 PMG 10.32 129 eP 19 52.00 2.2
 1.1s 88.61nm 5.9mb X
 MTN 12.56 218 eP 20 20.00 -0.2
 0.4s 63.00nm 6.1mb X
 eS 22 42.00
 KNA 16.24 218 eP 21 08.30 -0.1
 WB2 17.50 195 iPc 21 22.80 -1.4
 0.5s 48.10nm 4.9mb
 iS 24 37.00
 QIS 17.51 178 eP 21 23.00 -1.3
 0.2s 13.00nm 4.7mb
 CTA 18.44 158 iPd 21 36.00 0.2
 i 21 40.00
 i 21 54.00
 ePcS 24 47.00
 i 25 09.00
 e(S) 28 58.00
 e(SS) 34 00.00
 QLP 24.02 168 iPd 22 36.20 2.3
 0.4s 60.00nm 5.5mb
 RMO 25.20 159 eP 22 46.20 1.0
 0.9s 32.00nm 4.9mb
 WAR8 25.98 206 iPd 22 52.20 -0.4
 0.3s 9.00nm 4.8mb
 BRS 27.63 153 iPc 23 08.00 0.3
 STKA 28.88 175 eP 23 17.50 -1.3
 ARMA 29.81 158 iPd 23 27.40 0.0
 0.6s 9.00nm 4.7mb
 BWA 32.51 165 eP 23 51.20 0.2
 CAN 33.51 165 eP 23 59.20 -0.5
 MAW 82.02 202 iPd 29 39.40 0.6
 1.0s 15.00nm 5.0mb
 SPA 87.07 180 iPc 30 04.50 0.0
 0.8s 21.67nm 5.4mb
 Z 21s 5.59um 5.9MszX
 KIC 143.74 277 PKP 36 50.40 -5.0X
 TIC 144.00 277 PKP 36 51.20 -4.7X
 LIC 144.03 276 PKP 36 51.20 -4.7X
 CNCB 146.88 127 PKP 37 02.00 0.7
 LPB 146.94 127 ePKP 37 03.00 1.8X
 ZOBO 147.05 126 PKP 37 02.00 0.3
 S.D. = 1.3 on 19 of 23 obs.

SEP 28, 1992 08h 54m 44.47 ± 0.44s
 1.324 N ± 7.1km 129.194 E ± 9.6km
 DEPTH = 33.0km (normal)
 4.8mb (15 obs.) 4.9Msz (2 obs.)
 HALMAHERA, INDONESIA (267)

MNI 4.35 272 eP 55 51.00 0.9
 eS 56 44.00
 AAI 5.08 191 ePd 55 57.00 -3.3X
 8IP 7.46 337 ePd 56 31.50 -2.2

eS 57 56.00
 CGP 8.38 328 eP 56 50.00 -3.3X
 MKS 11.69 236 iPd 57 31.50 -0.5
 TRT 18.79 241 ePd 58 46.50 -17.2X
 WRA 21.73 167 P 59 31.89 -3.2X
 0.8s 6.70nm 4.1mb
 QIS 24.02 155 eP 59 55.40 -2.1
 0.9s 21.00nm 4.7mb
 QZH 25.62 337 eP 00 13.20 0.5
 CTA 27.07 143 iPd 00 25.00 -1.1
 e 00 43.00
 WAR8 27.46 185 eP 00 31.00 1.4
 WHN 32.29 336 P 01 14.00 1.5
 GYA 33.07 321 P 01 20.20 0.6
 1.0s 9.60nm 4.7mb
 RMO 33.48 147 eP 01 25.20 2.2
 0.9s 28.00nm 5.2mb
 CHG 34.37 302 eP 01 33.00 2.2
 KMI 34.81 315 eP 01 39.50 4.7X
 STKA 35.05 161 eP 01 37.00 0.6
 MAT 36.02 12 (P) 01 43.00 -1.6
 1.0s 12.00nm 4.8mb
 CMS 36.25 156 iPc 01 49.80 3.2X
 0.9s 8.00nm 4.6mb
 BRS 36.47 143 iPc 01 47.00 -1.5
 i 01 51.00
 ADE 37.19 167 eP 01 57.20 2.7X
 XAN 37.67 332 Pc 01 58.40 -0.2
 1.0s 18.00nm 4.9mb
 ARMA 38.12 148 iPd 02 02.40 -0.1
 0.9s 197.00nm 6.0mb X
 TIY 39.36 339 Pc 02 13.20 0.5
 BWA 39.88 155 eP 02 20.50 3.5X
 BJI 40.32 344 eP 02 20.50 0.1
 1.5s 120.00nm 5.4mb
 CAN 40.89 155 eP 02 28.70 3.4X
 TOD 41.54 160 eP 02 34.00 3.4X
 0.8s 22.00nm 4.9mb
 LZH 41.82 329 P 02 34.00 1.0
 1.5s 84.00nm 5.2mb
 Z 20s 1.23um 4.8Msz
 E 15s 1.15um
 pP 02 41.50 25kmX
 sP 02 45.00
 PP 04 12.50
 eS 08 52.50
 sS 09 05.00
 HHC 42.46 340 Pc 02 38.80 0.6
 1.2s 28.00nm 4.9mb
 MDJ 43.11 0 eP 02 43.80 0.5
 DZM 43.15 125 iPc 02 47.90 3.9X
 LSA 45.87 312 eP 03 05.20 -1.0
 GTA 46.42 328 P 03 10.00 0.0
 1.0s 13.00nm 4.8mb
 GUN 49.12 307 P 03 29.44 -2.2
 PKI 49.36 306 P 03 36.68 3.2X
 KKN 49.56 306 P 03 33.38 -1.4
 DMN 49.62 306 P 03 35.38 0.0
 GKN 50.16 306 P 03 39.14 -0.2
 HYB 52.26 291 eP 03 54.30 -0.9
 WMO 56.09 325 P 04 29.00 6.0X
 1.2s 14.00nm 4.9mb
 Z 20s 1.07um 4.9Msz
 pP 04 39.00 33kmX
 eS 12 12.50
 YAK 60.54 0 eP 04 52.80 -0.8
 0.9s 41.00nm 5.6mb
 MAIO 72.92 308 eP 06 09.00 -3.8X
 IMA 83.58 24 eP 07 12.13 1.5
 1.0s 5.03nm 4.6mb
 BRW 83.67 18 eP 07 12.81 2.0
 CNCB 157.14 133 PKP 14 49.00 9.3X
 LPB 157.23 133 (PKP) 14 26.00 -13.6X
 ZOBO 157.36 132 PKP 14 47.20 7.1X
 S.D. = 1.3 on 31 of 48 obs.

? SEP 28, 1992 10h 03m 24.24 ± 4.23s
 39.470 N ± 28.0km 27.657 E ± 20.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MG 3.1 (DDA).

EDC 0.89 10 iPg 03 41.50 0.2
 iSg 03 54.50
 BNT 0.91 13 iPg 03 42.50 0.9
 iSg 03 56.00

KGT 0.95 34 iPg 03 41.60 -0.7
 iSg 03 56.10
 MFT 1.35 348 ePn 03 49.00 -0.1
 YLV 1.71 50 ePn 03 51.60 -2.8X
 GBZT 1.90 46 ePg 03 57.20 0.2
 iSg 04 23.00
 ISK 1.92 33 ePn 03 58.00 0.7
 HRT 2.05 48 ePn 03 57.50 -1.7
 EYL 2.21 60 ePn 04 02.10 0.5
 DMK 2.35 2 ePn 04 02.90 -0.6
 GYN 2.52 69 eP 04 06.50 0.5
 eS 04 40.00
 SGKT 3.55 71 eP 04 25.00 4.2X
 DVR 3.73 62 eP 04 30.00 6.8X
 S.D. = 0.9 on 10 of 13 obs.

* SEP 28, 1992 10h 08m 30.40 ± 0.64s
 27.096 N ± 9.5km 127.441 E ± 11.9km
 DEPTH = 104.2km (2 depth phases)
 4.4mb (12 obs.)
 RYUKYU ISLANDS (238)

NAH 0.90 166 iP 08 50.90 0.6
 iS 09 04.90
 SSE 6.77 308 P 10 08.00 -0.7
 1.0s 18.00nm 4.5mb
 BJI 15.94 327 eP 12 10.00 0.2
 1.0s 22.00nm 4.4mb
 TIY 16.49 314 eP 12 19.00 2.2
 CN2 16.75 355 eP 12 22.00 2.2
 1.0s 9.80nm 4.0mb
 XAN 17.37 298 P 12 28.00 0.3
 0.5s 10.00nm 4.3mb
 GYA 18.56 273 P 12 47.60 5.5X
 BTO 19.72 317 eP 12 52.40 -1.7
 CD2 21.05 286 eP 13 09.40 1.7
 LZH 21.97 300 Pc 13 17.00 0.1
 1.0s 25.00nm 4.5mb
 pP 13 39.00 106km
 GTA 26.05 305 iPd 13 54.30 -1.5
 0.5s 19.00nm 4.9mb
 pP 14 16.80 103km
 GUN 36.75 281 P 15 30.86 1.0
 PKI 37.21 281 P 15 32.66 -1.1
 KKN 37.29 281 P 15 33.02 -1.2
 GKN 37.82 282 P 15 38.58 -0.1
 WB2 47.24 171 iPd 16 54.80 0.0
 0.7s 17.30nm 5.0mb
 WAR8 52.98 181 eP 17 39.00 0.7
 MBC 69.16 14 eP 19 26.00 -0.9
 HFS 77.73 332 eP 20 15.50 -1.4
 0.4s 1.90nm 4.3mb
 YKA 78.04 25 eP 20 18.20 -0.4
 0.8s 3.50nm 4.2mb
 NB2 78.23 334 P 20 18.80 -0.9
 0.6s 4.00nm 4.4mb
 GEC2 84.09 323 eP 20 50.40 -0.4
 0.8s 2.98nm 4.3mb
 e 20 54.20
 GRF 84.91 324 iPc 20 56.20 1.4
 1.2s 20.00nm 4.9mb
 TLL 163.69 105 iPKPc 28 17.20 -5.2X
 S.D. = 1.2 on 22 of 24 obs.

SEP 28, 1992 10h 26m 07.79 ± 0.57s
 21.489 S ± 6.5km 66.567 W ± 7.6km
 DEPTH = 223.1 ± 5.5 km
 4.7mb (12 obs.)
 SOUTHERN BOLIVIA (125)

CCH 4.10 6 iPc 27 12.80 0.2
 ANT 4.18 237 iPc 27 13.20 0.0
 CNCB 4.84 344 iPc 27 23.30 1.3
 LPB 5.14 343 iPc 27 26.80 1.2
 ZOBO 5.38 344 iPc 27 29.10 0.3
 ARE 6.83 316 iPc 27 44.80 -2.3
 iS 28 56.50
 MDZ 11.53 190 i(P) 28 46.50 -0.7
 ITB1 11.64 108 e(P) 28 57.50 8.9X
 PEL 12.17 197 iPc 28 54.50 -0.7
 1.0s 180.00nm 5.4mb
 NNA 13.63 312 eP 29 14.50 0.9
 0.7s 10.96nm 4.3mb
 eS 31 37.00
 PPD 14.19 95 eP 29 24.20 3.8X
 RSTA 16.44 104 eP 30 01.60 13.8X
 e 30 02.60

28d 10h

VAO	18.21	98	eP	30 06.30	-0.5
BAO	18.54	75	e(P)	30 10.00	-0.4
			e	30 12.00	
			e	30 15.00	
			e	30 21.00	
			e	30 27.00	
			e	30 39.00	
			e	30 46.00	
			e	35 14.00	
			e	35 37.00	
			e	36 07.00	
			e	36 18.00	
BDF	18.61	75	Pd	30 12.00	0.9
			e	30 14.00	
LHS	57.28	346	eP	35 29.56	-4.8X
MIAR	61.36	335	eP	36 00.50	-1.7
	1.0s			17.94nm	4.7mb
OLY	61.40	337	ePc	36 00.16	-2.3
ELC	62.24	340	(P)	36 04.98	-3.0X
VVO	62.92	333	eP	36 11.00	-1.5
FVM	63.27	339	ePd	36 12.52	-2.2
	1.0s			33.78nm	5.1mb
TUL	63.44	334	eP	36 14.30	-1.6
	0.9s			12.10nm	4.7mb
			e	36 15.40	
LIC	66.30	73	P	36 32.90	-1.7
TIC	66.49	72	P	36 36.40	0.5
KIC	66.61	73	P	36 35.00	-1.6
ALO	67.70	325	eP	36 42.74	-0.6
	0.8s			7.63nm	4.5mb
			PcP	37 08.70	
SPA	68.64	180	iPd	36 50.40	1.8
	1.0s			13.50nm	4.6mb
EEO	68.74	351	ePc	36 50.70	1.5
GLA	71.15	319	eP	37 04.31	0.2
PEC	73.16	318	eP	37 16.29	0.4
	1.0s			6.22nm	4.3mb
GSC	73.88	319	eP	37 20.72	0.7
TPNV	74.65	321	eP	37 25.69	1.2
	0.5s			3.58nm	4.4mb
ISA	75.14	318	ePd	37 27.73	0.5
	0.8s			12.67nm	4.7mb
BCH	75.84	317	eP	37 30.75	-0.5
BONR	76.53	320	eP	37 35.82	0.6
MEMM	76.72	320	eP	37 37.24	1.4
ORV	79.47	320	eP	37 51.16	0.3
LBFM	80.83	321	eP	37 58.03	-0.2
MCW	85.98	326	eP	38 24.08	0.2
PGC	86.28	326	eP	38 25.70	0.5
BCAO	87.06	84	iPc	38 30.20	0.4
	0.8s			14.00nm	4.8mb
YKA	91.91	340	eP	38 51.20	-0.2
	0.8s			10.00nm	4.9mb
KDC	105.78	326	(Pdiff)	39 54.44	0.5
	1.6s			68.61nm	6.5mb X
CRP	106.51	330	ePKP	44 03.94	-3.3X
			e	44 23.05	
CPKM	106.55	330	ePKP	44 05.71	-1.6
IMA	108.26	335	(PKP)	44 12.77	2.4X
WB2	134.02	208	iPKPd	45 01.50	0.8
	0.2s			7.00nm	
GBA	144.86	97	PKP	45 20.00	-0.4X
HY8	146.90	91	ePKP	45 26.00	2.2
PJG	149.06	261	ePKP	45 31.00	3.8X

S.D. = 1.2 on 41 of 50 obs.

Best Double Couple: Mo=1.7*10**17
NP1: Strike=306 Dip=33 Slip= 32
NP2: 188 73 119

PVC	1.61	334	iPc	41 25.20	1.4
			iS	41 49.20	
BKM	1.70	333	iPc	41 36.50	11.6X
			iS	41 53.70	
DZM	3.75	220	iPd	41 51.20	0.3
			iS	42 35.00	
SVA	8.99	85	eP	43 02.90	1.7
HNR	13.11	317	eP	43 58.00	2.7X
			eS	46 20.00	
SVO	13.41	317	eP	44 06.00	6.9X
BRS	17.01	238	iPc+	44 47.00	2.8X
	0.7s			17.00nm	4.5mb
			iPp	44 58.00	
			e	45 43.00	
			iS	47 59.00	
			e	48 12.00	
ARMA	19.33	231	iPd	45 11.10	1.0
	1.1s			173.00nm	5.3mb
			ePp	45 26.60	74kmX
RMO	20.04	245	iPd	45 19.00	1.7
	1.1s			335.00nm	5.7mb
			ePp	45 31.00	54kmX
CTA	21.48	264	iPd	45 32.70	0.9
	0.9s			46.22nm	4.9mb
			i	45 54.00	102kmX
			i	46 06.00	
			i	46 23.00	
			i	47 17.00	
			iS	49 24.00	
			i(SS)	50 04.00	
RIV	21.59	224	eP	45 35.20	2.5
MRW	22.48	169	P	45 41.20	-0.2
PMG	23.31	292	eP	45 51.00	1.4
	1.1s			177.22nm	5.4mb
CNB	23.67	223	iPc	45 54.50	1.5
	1.0s			180.00nm	5.5mb
			e	46 28.80	175kmX
BWA	23.78	226	iPd	45 53.50	-0.6
			i	46 27.30	171kmX
CAN	23.91	224	iPd	45 56.30	1.0
			e	46 30.90	176kmX
QLP	23.98	248	iPd	45 56.60	0.6
	0.7s			302.00nm	5.9mb
CMS	24.23	235	iPd	45 58.60	0.3
	0.6s			51.00nm	5.2mb
LAT	24.79	297	eP	46 05.50	1.8
TOO	27.52	223	eP	46 28.80	0.3
	0.4s			10.00nm	4.8mb
			e	47 02.00	160kmX
OIS	27.70	262	eP	46 30.00	-0.3
	0.2s			4.00nm	4.8mb
STKA	27.71	238	iPd	46 30.60	0.4
			e	47 02.10	151km
			ePcP	49 43.60	
			e	50 20.60	
			eS	50 57.30	
STK	27.71	237	P	46 30.89	0.6
WB2	32.66	263	iPc	47 12.60	-1.5
	0.8s			43.60nm	5.3mb
			e	47 43.80	145km
WRA	32.67	263	P	47 12.80	-1.3
	1.0s			17.70nm	4.8mb
MTN	36.93	274	eP	47 50.00	-0.3
	0.4s			63.00nm	5.7mb
KNA	38.51	269	iPd	48 03.30	-0.3
FORT	38.70	245	iPd	48 04.70	-0.3
	0.3s			8.00nm	4.9mb
WARB	39.60	252	eP	48 12.00	-0.5
	0.4s			16.00nm	5.1mb
GUA	40.29	322	e(P)	48 18.50	0.3
PMO	41.29	91	iP	48 26.00	-0.5
	1.3s			115.00nm	5.4mb
TPT	41.56	91	iP	48 28.20	-0.5
	1.3s			125.00nm	5.4mb
RUV	41.74	91	iP	48 29.50	-0.6
	1.3s			140.00nm	5.5mb
COOL	44.63	245	eP	48 51.00	-2.4X
MBL	46.08	259	iPd	49 05.00	0.0
MEEK	46.79	251	iPd	49 10.20	-0.4
	0.3s			42.00nm	5.6mb
KLB	47.56	244	iPd	49 15.10	-1.4
	0.3s			8.00nm	4.9mb
BAL	48.43	246	eP	49 21.50	-1.7

MUN	48.89	244	eP	49 26.00	-0.7
MRWA	49.05	248	eP	49 27.00	-1.0
NANU	49.90	256	iPd	49 34.60	0.1
	0.3s			14.00nm	5.2mb
SBA	58.70	181	iPc	50 38.50	0.8
CSY	60.09	203	eP	50 46.70	-0.7
	0.1s			12.90nm	5.8mb
CHJJ	61.88	333	P	50 57.80	-1.9
MAT	62.63	332	iPc	51 03.70	-1.1
	1.0s			20.00nm	5.0mb
MTMJ	62.85	332	P	51 05.70	-0.6
NIIJ	62.88	333	P	51 06.00	-0.3
YAMJ	63.24	335	P	51 08.80	0.1
OFUJ	63.39	336	P	51 09.10	-0.6
KUSJ	65.91	341	eP	51 24.30	-1.5
ASAJ	67.49	340	eP	51 35.50	-0.3
YSS	70.05	341	(P)	51 51.00	-0.5
	0.8s			20.00nm	5.0mb
			e	52 25.30	140km
SPA	70.92	180	iPc	51 56.80	0.0
	1.0s			180.00nm	5.9mb
			i	52 32.20	145km
IPM	70.93	282	ePd	51 57.90	0.4
			e	52 30.80	133km
WHN	72.19	312	P	52 04.50	-0.1
			pP	52 38.00	135km
MDJ	73.00	332	Pc	52 09.20	0.1
	1.0s			28.00nm	5.0mb
CN2	74.33	329	P	52 17.00	0.2
	0.8s			29.00nm	5.1mb
LOE	75.47	294	eP	52 24.10	0.2
			e	52 58.30	137km
GVA	75.65	305	iPc	52 24.80	-0.1
	1.0s			9.60nm	4.5mb
BJI	76.79	321	eP	52 31.00	0.2
	1.0s			33.00nm	5.0mb
			ePp	53 06.00	140km
			eS	02 08.00	
TIY	77.68	317	eP	52 36.90	1.0
			pP	53 10.00	132km
			S	02 12.50	
			sS	03 17.00	
XAN	77.95	313	P	52 37.50	0.1
	1.3s			33.00nm	4.9mb
			pP	53 11.30	135km
KMI	78.10	302	Pc	52 40.00	1.4
	1.5s			50.00nm	5.0mb
MAW	78.40	202	ePc	52 40.00	0.8
	1.0s			70.00nm	5.4mb
CHG	78.47	295	iPc	52 41.20	0.7
	1.0s			26.75nm	4.9mb
			e	53 14.80	134km
CD2	80.07	308	P	52 49.40	0.5
HHC	80.07	320	Pc	52 49.60	0.8
	1.2s			47.00nm	5.1mb
MGD	80.40	351	eP	52 48.00	-1.9
			e	53 24.00	144km
BTO	80.88	319	eP	52 53.40	0.3
LZH	82.57	312	iPc	53 03.50	1.5
	1.5s			67.00nm	5.2mb
			pP	53 38.50	133km
SVW	84.92	16	ePc	53 14.07	0.9
	1.3s			107.74nm	5.5mb
			iPp	53 49.32	139km
GCC	85.67	49	iPc	53 17.64	0.3
PRS	85.80	49	iPc	53 18.64	0.7
			eS	53 56.32	
BKS	85.90	48	eP	53 18.94	0.5
ZSP	85.92	48	eP	53 19.56	1.1
SAO	85.94	49	eP	53 19.17	0.5
EKR	85.96	44	eP	53 19.84	1.2
SLKM	85.97	19	eP	53 16.88	-1.5
			pP	53 53.99	146km
CPKM	85.98	18	(P)	53 17.84	-0.8
			pP	53 53.00	138km
CRP	86.01	18	(P)	53 17.15	-1.5
FHC	86.11	44	ePc	53 20.38	0.9
BCH	86.21	51	eP	53 20.87	0.7
PRI	86.22	50	iPc	53 21.06	0.9
			eS	53 58.69	
PHAM	86.27	50	eP	53 20.75	0.4
PKEM	86.58	50	eP	53 23.65	1.8
AIA	86.63	160	eP	53 21.00	-0.6
ABL	86.70	51	ePc	53 22.93	0.2
YAK	86.76	343	iPd	53 21.80	-0.3
	1.2s			100.00nm	5.6mb
			i	53 58.00	142km

SEP 28, 1992 11h 40m 53.31 ± 0.16s
19.203 S ± 5.0km 169.043 E ± 4.1km
DEPTH = 141.6km (31 depth phases)
5.2mb (55 obs.)

VANUATU ISLANDS (186)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.8.: 20S, 36C
Centroid Location:
Origin Time 11:41: 1.7 0

GTA	86.97	314	iPc	-53	24.40	0.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</
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28d 12h

EMS- 149.41 335 ePKPc 00 27.00 4.4X
MNS 149.43 324 PKP 00 26.10 3.6X
LOR 149.50 340 ePKP 00 26.70 4.3X
PII 149.63 328 PKP 00 26.00 3.4X
LBF 149.71 340 ePKP 00 27.10 4.3X
0.9s 26.55nm
GRR 149.76 347 iPKPc 00 27.20 4.5X
1.1s 72.55nm
SSF 149.79 340 ePKP 00 27.60 4.8X
1.2s 115.75nm
LSD 149.82 334 PKP 00 27.94 4.7X
RDP 149.82 323 PKPd 00 28.00 4.9X
RSL 149.85 335 PKP 00 26.50 3.3X
SOI 149.91 314 PKPc 00 28.40 5.2X
LPL 149.94 335 iPKPc 00 28.50 5.1X
0.9s 57.65nm
PCP 149.95 332 PKP 00 26.71 3.5X
LPG 149.95 335 iPKPc 00 28.60 5.1X
0.9s 63.90nm
RSP 150.02 334 PKP 00 27.53 4.1X
SMF 150.05 339 ePKP 00 27.90 4.7X
1.2s 57.70nm
AVF 150.08 340 ePKP 00 27.70 4.5X
1.1s 31.50nm
LPF 150.13 347 iPKPc 00 28.10 4.8X
1.2s 146.40nm
BHB 150.27 333 PKP 00 26.82 3.2X
BNI 150.35 334 PKP 00 28.70 4.8X
FIN 150.36 331 PKP 00 27.84 4.0X
RRL 150.41 334 PKP 00 28.97 4.8X
ROB 150.44 332 PKP 00 28.05 4.1X
BGF 150.45 340 iPKPc 00 29.00 5.2X
1.1s 53.50nm
PZZ 150.61 333 PKP 00 27.84 3.5X
ENR 150.69 332 PKP 00 28.05 3.6X
STV 150.72 333 PKP 00 27.84 3.4X
IMI 150.74 331 PKP 00 28.87 4.4X
MAF 150.84 341 iPKPc 00 30.00 5.6X
1.5s 90.35nm
TCF 150.89 341 ePKP 00 30.00 5.5X
1.1s 44.70nm
SBF 150.98 332 iPKPc 00 30.00 5.2X
1.0s 96.00nm
SSB 150.99 337 PKP 00 29.29 4.5X
LSF 151.13 342 ePKP 00 30.30 5.4X
1.1s 42.75nm
PGF 151.25 328 iPKPc 00 31.00 5.7X
0.8s 139.15nm
FRF 151.56 333 ePKP 00 31.50 5.9X
1.1s 70.35nm
LRG 151.77 333 ePKP 00 32.10 6.2X
LMR 151.80 332 iPKPc 00 32.00 6.1X
RJF 151.99 341 ePKP 00 32.50 6.3X
1.6s 88.30nm
LFF 152.55 342 ePKP 00 33.80 6.9X
PTS 153.31 316 PKP 00 27.55 -0.7
S.D. = 1.1 on 206 of 294 obs.
? SEP 28, 1992 11h 44m 16.86 ± 8.84s
17.235 N ± 41.8km 60.761 W ± 53.2km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
ML 2.4 (FDF).
DEG 0.96 197 eP 44 35.40 0.2
S 44 45.00
SFG 1.06 203 ePd 44 37.17 0.3
S 44 51.00
BPA 1.06 260 eP 44 37.10 0.2
SEG 1.09 221 eP 44 37.15 -0.2
MGH 1.48 250 eP 44 43.71 0.1
S 44 59.90
PAG 1.49 216 eP 44 43.10 -0.6
S.D. = 0.5 on 6 of 6 obs.
& SEP 28, 1992 12h 07m 26.22s
34.127 N 116.398 W
DEPTH = 0.9km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.5 (PAS), 3.3 (GS).
Felt.
PEC 0.68 250 iPc 07 39.06 -0.6
eS 07 47.26
PLM 0.86 207 ePd 07 42.55 -0.9
eS 07 54.03
SSK 1.08 275 iPc 07 46.44 -1.0

GSC 1.22 344 iPc 07 48.84 -1.0
eS 08 05.47
GLA 1.69 129 ePd 07 54.63 -2.5
ISA 2.29 313 eP 08 02.84 -3.0
ABL 2.44 288 eP 08 06.03 -2.1
TPNV 2.82 2 eP 08 12.14 -1.3
BCH 3.22 290 eP 08 16.62 -2.4
PHAM 3.70 299 eP 08 24.51 -1.3
TNP 4.00 351 eP 08 28.37 -1.9
MEMM 4.09 330 ePn 08 30.41 -0.8
BONR 4.12 339 eP 08 30.48 -1.5
13 obs. associated
* SEP 28, 1992 12h 12m 51.22 ± 1.06s
39.293 N ± 8.7km 20.302 E ± 10.6km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
MD 2.9 (ATH).
KEK 0.57 317 ePn 13 03.00 0.2
eSn 13 10.00
VLS 1.14 168 ePn 13 12.10 -0.4
eSn 13 31.00
AGG 1.60 99 eP 13 21.10 1.5
eS 13 45.50
FNA 1.70 29 eP 13 21.20 0.1
LIT 1.87 64 eP 13 21.90 -1.7
eS 13 46.20
GRG 2.31 43 eP 13 30.40 0.4
S.D. = 1.3 on 6 of 6 obs.
% SEP 28, 1992 12h 18m 31.13 ± 1.09s
40.447 N ± 10.8km 29.198 E ± 6.1km
DEPTH = 12.7 ± 9.5 km
TURKEY (366)
YLV 0.18 48 iPg 18 35.50 0.0
eSg 18 37.00
GBZT 0.39 29 ePg 18 39.20 -0.1
iSg 18 44.30
HRT 0.52 44 iPg 18 41.50 -0.1
ISK 0.63 350 iPg 18 43.50 0.1
iSg 18 52.50
KCT 0.67 253 iPg 18 44.00 -0.3
iSg 18 54.50
EYL 0.74 80 iPg 18 45.60 0.1
eSg 18 55.60
BNT 0.98 265 iPn 18 50.50 1.0
EDC 1.02 265 ePn 18 49.50 -0.7
S.D. = 0.6 on 8 of 8 obs.
? SEP 28, 1992 13h 20m 29.15 ± 4.53s
32.592 S ± 26.2km 71.791 W ± 24.0km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
ROCH 0.76 120 iPd 20 44.33 0.2
iS 20 54.56
LCCH 0.90 168 iPd 20 46.20 -0.2
iS 20 58.74
JACH 1.01 95 iPd 20 48.22 -0.2
iS 21 02.08
PEL 1.08 121 iP 20 49.70 0.2
iS 21 04.09
TACH 1.28 146 iP+ 20 52.31 -0.6
iS 21 09.48
LNV 1.40 167 iP+ 20 54.37 -0.2
iS 21 12.29
FCH 1.46 121 iP 20 55.54 -0.3
iS 21 14.49
PCH 1.48 134 iP 20 55.84 -0.1
iS 21 15.62
CHCH 1.64 145 iP 20 58.36 0.2
iS 21 19.85
CACH 1.82 147 iP 21 01.94 1.1
iS 21 26.28
S.D. = 0.5 on 10 of 10 obs.
? SEP 28, 1992 13h 23m 00.54 ± 1.01s
35.855 N ± 9.1km 3.249 W ± 13.6km
DEPTH = 10.0km (geophysicist)
STRAIT OF GIBRALTAR (385)
EMEL 0.60 157 ePg 23 12.90 0.2
eSg 23 21.00
EGUA 1.01 345 ePg 23 20.40 0.7

eSg 23 34.70
ENIJ 1.40 37 ePn 23 25.60 -0.4
EPRU 1.95 305 ePn 23 33.50 -0.5
eSn 23 56.30
EHOR 2.54 321 ePn 23 47.90 5.5X
eSn 24 16.50
S.D. = 1.0 on 4 of 5 obs.
? SEP 28, 1992 13h 31m 49.09 ± 4.37s
15.974 N ± 36.2km 97.252 W ± 19.3km
DEPTH = 33.0km (normal)
NEAR COAST OF OAXACA, MEXICO (66)
OXX 1.21 25 iP 32 10.00 0.0
(S) 32 20.00
ACX 2.66 290 eP 32 30.50 0.0
(S) 33 00.00
IISM 3.00 358 eP 32 35.50 0.1
iS 33 08.50
IIT 3.19 342 eP 32 38.00 -0.4
iS 33 12.00
UNM 3.81 331 (P) 32 47.50 0.3
MRX 5.28 315 (P) 33 14.00 6.3X
S.D. = 0.4 on 5 of 6 obs.
? SEP 28, 1992 13h 49m 07.43 ± 1.18s
22.980 S ± 10.3km 69.036 W ± 30.5km
DEPTH = 192.5 ± 31.9 km
NORTHERN CHILE (123)
ANT 1.46 240 iPc 49 40.20 -0.2
iS 50 03.00
CCH 6.20 27 eP 50 37.00 -1.2
CNCB 6.22 9 P 50 39.00 0.3
LPB 6.47 8 eP 50 42.00 0.0
ZOB0 6.71 7 P 50 46.20 0.9
ITB1 13.51 100 e(P) 52 18.60 6.0X
PPD 16.41 90 eP 52 49.20 0.8
VAO 20.32 94 eP 53 30.50 0.3
BAO 21.15 74 Pd 53 37.60 -0.9
S.D. = 1.0 on 8 of 9 obs.
SEP 28, 1992 14h 06m 02.64 ± 0.10s
24.121 N ± 2.1km 122.648 E ± 2.1km
DEPTH = 29.6km (geophysicist)
5.8mb (124 obs.) 6.1msz (41 obs.)
TAIWAN REGION (243)
ML 5.6 (BJI). Mo=2.0*10**18 Nm
(PPT). Depth from broadband
displacement seismograms.
RADIATED ENERGY
No. of sta: 9 Focal mech. M
Energy 7.8 ± 1.8 * 10**12 Nm
MOMENT TENSOR SOLUTION
Dep 34 No. of sta: 15
Moment Tensor: Scale 10**18 Nm
Mrr = 2.61 Mtt = -2.27
Mff = -0.34 Mrt = 0.13
Mrf = 3.15 Mtf = -2.74
Principal axes:
T Vol = 4.90 Plg = 52 Azm = 250
N -0.11 33 37
P -4.79 17 138
Best Double Couple: Mo = 4.8 * 10**18
NP1: Strike = 266 Dip = 41 Slip = 147
NP2: 22 69 54
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 25S, 60C M.W.: 5S, 8C
Centroid Location:
Origin Time 14:06:11.9 0.3
Lat 24.37N 0.03 Lon 122.60E 0.03
Dep 38.1 BDY Half-duration 2.6
Moment Tensor: Scale 10**18 Nm
Mrr = 0.89 0.03 Mtt = -1.41 0.03
Mff = 0.52 0.03 Mrt = 1.06 0.07
Mrf = 0.48 0.05 Mtf = -0.22 0.03
Principal Axes:
T Vol = 1.46 Plg = 61 Azm = 308
N 0.43 18 73
P -1.89 22 170
Best Double Couple: Mo = 1.7 * 10**18
NP1: Strike = 290 Dip = 28 Slip = 130
NP2: 66 69 71
TWC 0.88 304 iPd 06 21.50 2.7X
eS 06 37.10

TWD	0.96	268	iPc	06	21.00	0.9	KMI	18.13	277	iPc	10	15.32	1.1	HOOJ	24.98	38	eP	11	25.00	-0.1
			eS	06	36.90		Z	16s	115.00um							eS	15	44.10		
TATO	1.36	309	iPc	06	29.46	3.8X	E	15s	169.00um					HIA	25.20	356	ePc	11	25.38	-1.8
TWZ	1.37	315	ePc	06	29.30	3.3X	MAJO	18.24	44	ePc	10	13.52	-1.7	ASAJ	25.80	34	eP	11	31.50	-1.2
TWF1	1.46	239	ePc	06	27.40	0.2	MAT	18.24	44	eP	10	16.00	0.8	KUSJ	26.24	38	eP	11	35.90	-1.0
TWG	1.94	229	ePd	06	33.50	-0.7		1.4s	102.33nm					YSS	27.92	30	eP+	11	50.00	-2.1
OZH	3.78	283	iPn	07	00.80	0.5	Z	20s	15.60um						0.7s	60.00nm			5.4mb	
			iSn	07	43.00				eS	13	44.00			Z	15s	23.80um			5.9mszX	
CVP	6.43	187	ePd	07	37.00	-0.8	CHJJ	18.45	46	eP	10	17.30	-0.5	N	16s	21.10um				
			eS	07	49.70		HHC	19.09	334	iPc	10	27.00	1.3			e	12	06.00	68kmX	
SSE	7.07	350	Pd	07	47.20	0.5		1.6s	1140.00nm							(PPP)	12	45.00		
	1.0s	970.00nm			6.7mb		Z	20s	117.00um					SHL	27.93	279	iP	11	53.00	0.4
		sP	08	03.00			N	15s	79.00um						1.0s	125.00nm			5.6mb	
		S	09	12.00			E	15s	49.90um							eS	16	40.00		
BCP	7.90	194	eP	07	54.00	-4.4X	NIJJ	19.17	43	eP	10	28.50	2.0	IPM	28.48	230	ePc	11	57.30	-0.2
HKC	8.00	259	iP	07	59.50	-0.3	KAKJ	19.32	47	eP	10	29.10	0.8		1.0s	51.90nm			5.2mb	
			S	09	26.40		BTO	19.55	330	iPd	10	31.00	-0.1	LSA	28.58	288	iPc	11	59.87	1.1
NJ2	8.58	338	Pc	08	06.40	-1.4		1.2s	250.00nm						0.4s	210.00nm			6.2mb	
	N	10s	265.00um				N	15s	110.00um					Z	17s	64.60um			6.3mszX	
GZH	8.59	265	Pc	08	07.00	-1.0	E	14s	38.30um					N	16s	16.20um				
	1.0s	55.00nm			5.7mb			sP	10	43.00			E	16s	39.50um					
	Z	16s	131.00um		4.3msz		CN2	19.77	6	Pc	10	32.60	-0.6	CIT	28.69	348	eP	11	58.00	-1.1
	N	11s	35.10um					0.8s	110.00nm					KGM	28.85	223	ePc	11	47.80	-13.0X
	E	14s	57.10um				Z	18s	96.20um					MKS	29.32	186	iPc	12	10.70	5.7X
MCO	8.60	258	iP	08	07.30	-0.8	N	18s	95.70um					KUR	29.35	38	eP	11	55.00	-10.0X
QVP	9.57	190	ePd	08	25.40	3.8X	E	18s	95.70um					Z	17s	30.00um			6.0mszX	
WHN	9.76	313	Pd	08	23.00	-1.1			epP	10	40.00	29kmX		N	17s	43.40um				
	0.5s	200.00nm			6.6mb			esP	10	44.00			E	17s	30.00um					
	Z	24s	128.00um		3.3mszX			S	14	08.00			ZAK	30.23	335	iPc+	12	11.00	-1.8	
	N	13s	117.00um				LZH	20.13	311	iPc	10	38.62	1.4		2.4s	254.00nm			5.6mb	
	E	14s	156.00um				Z	25s	57.30um					Z	17s	84.33um			6.5mszX	
		S	10	15.00			E	15s	83.60um					N	18s	51.72um				
KAGJ	10.14	44	eP	08	29.00	-0.3			pP	10	45.00	24kmX		E	17s	66.33um				
KUMJ	11.05	39	eP	08	44.40	2.7X			sP	10	49.00					e	13	13.00	325kmX	
SHNJ	12.40	35	eP	09	01.80	1.8			PP	11	00.00					eS	17	08.00		
QIZ	12.94	249	Pd	09	06.00	-1.3			S	14	20.00			IRK	31.40	338	iPc	12	21.20	-1.9
	N	13s	30.30um					sS	14	32.00				Z	23s	235.00nm			5.6mb	
	E	13s	17.70um					SS	14	48.00				N	25s	14.95um			5.4msz	
		pP	09	19.00			TSM	20.24	194	ePd	10	24.00	-14.4X	E	20s	6.58um				
		S	11	31.00				2.0s	923.10nm							e	12	31.20	36kmX	
QIZ	12.94	249	ePnc	09	19.40	12.1X	TSM	20.24	194	ePc	10	37.00	-1.4			e	12	45.00		
TIA	12.96	340	Pc	09	09.20	1.8		1.0s	469.10nm							e	12	57.80		
	N	14s	96.60um				YAMJ	20.39	43	eP	10	38.30	-1.4			e	13	09.50		
	E	13s	71.80um					eS	14	27.00						ePP	13	31.00		
		ScS	21	45.80			LOE	20.66	255	iPc	10	43.20	0.6			e	13	46.00		
PLP	13.07	170	ePd	09	07.00	-2.0		i	17	41.00						ePcP	15	14.00		
ENH	13.21	300	ePc	09	12.66	1.8	MDJ	21.22	14	ePc	10	47.27	-0.9			e	16	06.30		
SHK	13.56	38	eP	09	17.00	1.6		0.7s	59.00nm							eS	17	26.00		
YONJ	14.48	38	P	09	23.70	-3.7X	Z	15s	90.60um							eSSS	19	30.00		
GYA	14.65	282	iPc	09	30.00	0.2	N	12s	35.80um							e	20	32.00		
	1.0s	130.00nm			5.3mb		E	12s	48.80um							i	21	32.00		
	N	11s	65.50um					pP	10	54.00	25kmX					LR	23	44.00		
	E	11s	72.60um				OFUJ	21.95	43	eP	10	52.90	-2.7X							
DL2	14.77	357	iPc	09	35.00	3.9X		S	14	52.00				MOY	32.15	334	ePc	12	28.50	-1.1
	1.8s	2150.00nm			6.3mb		AOMJ	22.13	38	eP	10	58.50	1.1		2.0s	301.00nm			5.9mb	
	Z	15s	49.70um		5.5mszX			eS	15	02.90				PPI	32.60	225	ePd	12	33.80	-0.1
	N	12s	55.10um					eS	11	02.50	-0.1				1.2s	253.90nm			6.0mb	
XAN	15.53	313	Pc	09	42.00	0.8	MNI	22.64	174	eP	11	04.50	1.6	TRT	33.11	198	ePd	12	21.50	-16.8X
	0.8s	260.00nm			5.5mb		CHG	22.67	261	iPc	11	04.50	5.7mb		33.18	285	Pc	12	39.64	0.3
	Z	24s	76.30um		4.8msz			eS	15	14.00					1.1s	660.00nm			6.5mb	
	N	14s	54.20um				NST	22.75	252	eP	11	06.00	2.3	PKI	33.61	284	Pc	12	42.72	-0.3
	E	14s	68.30um				BDT	23.14	257	iPc	11	07.60	0.2		1.1s	264.00nm			6.1mb	
		pP	09	53.20				1.2s	200.10nm					KKN	33.71	284	Pc	12	43.84	0.0
CGP	15.70	172	ePc	09	42.00	-1.4	PJG	23.46	113	eP	11	11.00	0.5		0.7s	247.00nm			6.3mb	
TIY	16.12	330	iPc	09	52.50	3.8X		pP	11	22.10	43kmX			DMN	33.88	284	Pc	12	45.18	-0.1
	1.6s	950.00nm			5.7mb			(TT)	33	39.00					0.9s	367.00nm			6.3mb	
	Z	20s	90.60um		5.6msz		GUA	23.52	113	eP	11	11.80	0.6	KUPT	34.07	178	eP	12	45.00	-1.7
	E	12s	36.00um					0.9s	295.80nm					BOD	34.24	352	eP	12	45.60	-2.2
		sP	10	05.00			Z	22s	27.85um						0.6s	13.00nm			5.0mb	
BIP	16.18	167	ePc	09	51.00	1.5		eS	15	22.00				GKN	34.27	285	Pc	12	48.42	-0.2
TSRJ	16.21	42	eP	09	50.40	0.6	MRRJ	23.79	35	eP	11	12.60	-1.0	WMO	34.67	313	iPc	12	51.80	0.1
BJI	16.78	343	iPc	09	59.99	3.0X		eS	15	24.40					1.7s	200.00nm			5.8mb	
	1.2s	160.00nm			5.0mb		SAP	24.38	35	eP	11	18.00	-1.2		Z	18s	18.60um			5.9msz
	N	13s	30.10um				NNT	24.54	246	iPc	11	23.20	2.1		N	12s	25.50um			
		eS	13	09.00			GTA	24.58	314	iPc	11	22.00	0.5		E	12s	21.70um			
SNY	17.68	2	iPc	10	10.00	1.8		2.0s	1470.00nm							esPd	13	04.88		
	1.0s	200.00nm			5.2mb			20s	60.60um							ScP	19	12.00		
	Z	18s	104.00um		5.2msz		Z	20s	60.60um							iPc	12	52.50	-2.4	
	N	16s	51.30um				E	12s	133.00um					UER	35.08	329	iPc	12	52.50	-2.4
	E	11s	20.60um					pP	11	30.00	28kmX				2.0s	130.00nm			5.5mb	
		pP	10	21.00				sP	11	33.50					Z	14s	66.60um			6.5mszX
		iS	13	29.00				PP	11	56.00					N	14s	17.80um			
MTMJ	18.01	43	eP	10	14.70	2.2		S	15	38.00					E	14s	56.60um			
CD2	18.06	296	iPc	10	13.50	0.4		sS	15	51.00						e	14	31.00	554kmX	
	Z	20s	130.00um					SS	16	34.00						eS	18	21.50		
		S	13	33.00			ERM	24.67	39	ePc	11	19.21	-2.9X			e	23	10.00		

28d 14h

MTN	37.66	166	iPc	13	15.20	-1.9		SVO	49.10	128	eP	15	04.00	14.4X	STK	58.56	161	P	15	59.09	0.2
	0.6s	141.00nm			6.0mb			HNR	49.38	128	eP	14	52.00	0.2	BRS	58.89	149	iPc	16	03.00	1.7
YAK	38.18	5	iPc	T3	19.20	-1.8					e(S)	21	54.00			1.5s	5.00nm			4.4mb X	
	1.7s	191.00nm			5.7mb			CTA	49.60	150	iPc-	14	53.00	-0.3	CMS	59.58	157	eP	16	06.00	0.0
			e	14	48.00	484kmX			1.3s	57.69nm			5.4mb			1.2s	54.00nm			5.6mb	
			eS	19	06.00						i	14	56.50	12kmX	ADE	60.71	165	eP	16	13.20	-0.5
			i	23	26.00						i	15	04.00		ARMA	60.94	151	iPd	16	16.60	1.2
LAT	38.74	139	eP	13	27.00	0.8					i(PP)	15	18.50			0.9s	39.00nm			5.5mb	
UKR	39.57	322	iPc	13	32.00	-0.7					iS	21	51.00		BAK	62.01	304	iPc	16	24.00	1.5
	2.2s	350.00nm			5.7mb						e	25	42.00		Z	17s	26.60um			6.5MsZ	
Z	16s	33.00um			6.3MsZ			NRI	49.73	345	iPc+	14	50.50	-3.3X			iS	24	54.00		
			iS	19	25.00				2.4s	230.00nm			5.8mb		DZM	62.62	134	iPc	16	26.90	0.1
PET	39.61	34	eP	13	36.00	3.0X			Z	20s	159.00um		7.0MsZ		SHE	62.93	305	iPc+	16	29.50	0.9
	16s	16.00um			6.0MsZ				E	20s	42.00um					2.5s	700.00nm			6.3mb	
	N	16s	10.10um								e	15	07.00	64kmX		Z	15s	11.00um			6.2MsZ
	E	16s	8.10um								e	16	50.00			N	15s	16.50um			
			eS	19	40.00			WARB	50.16	175	iPd	14	57.00	-0.6		E	15s	21.00um			
			eSSS	23	40.00				0.5s	74.00nm			6.0mb				i	18	50.00	767kmX	
KNA	40.07	171	eP	13	35.60	-1.6		MEEK	50.61	185	eP	14	59.00	-2.0			iS	24	57.00		
RAB	40.22	130	iPc	13	40.00	1.5		ADK	53.39	42	eP	15	23.40	1.8	BWA	63.16	156	eP	16	31.80	1.7
			eS	19	48.00				0.6s	45.80nm			5.6mb				epP	16	40.80	29kmX	
PRZ	40.75	308	iP	13	45.00	2.2		MRWA	53.42	187	eP	15	16.00	-6.0X	MAK	63.43	308	iP+	16	32.00	0.1
	1.8s	920.00nm			6.2mb			QLP	54.55	156	eP	15	30.00	-0.4		Z	18s	7.50um			5.9MsZ
NDI	40.76	287	iPc	13	43.00	0.2		COOL	54.71	182	eP	15	29.00	-2.5X		N	18s	5.00um			
			iPP	15	18.00			FORT	54.83	174	eP	15	32.00	-0.4		E	18s	8.00um			
			iS	19	48.00				0.5s	64.00nm			5.9mb				e	18	48.00	726kmX	
MGD	40.95	21	eP	13	40.00	-3.9X		SVE	54.88	324	iPc	15	42.00	33kmX			ePPP	20	20.00		
	Z	17s	28.00um		6.2MsZ				3.5s	1080.00nm			6.3mb X			iS	25	04.00			
	N	17s	33.00um						Z	16s	30.00um		6.5MsZ			ePS	25	18.00			
	E	17s	21.00um						E	17s	25.00um					eSS	29	12.00			
			i	13	46.00	20kmX					e	15	46.10	52kmX	CAN	64.17	156	eP	16	37.40	0.6
			ePPP	15	27.00						e	16	32.20				epP	16	46.80	30kmX	
			e	15	41.00						e	17	35.00		CNB	64.30	156	eP	16	38.00	0.3
			e	19	47.00						e	16	32.20			1.0s	123.00nm			6.0mb	
PMG	41.03	141	eP	13	45.00	-0.1					ePPP	18	48.00		BRW	64.36	21	eP	16	37.01	-0.5
	1.4s	186.05nm			5.6mb						eS	23	07.00		GRO	64.64	308	iPc	16	40.00	0.2
HYB	41.63	269	ePc	13	50.50	0.3					e	25	16.00			2.0s	700.00nm			6.4mb	
	1.0s	80.00nm			5.4mb						e	25	16.00			Z	13s	46.00um			6.9MsZ
			eS	20	06.00			MAIO	55.05	298	iPc+	15	35.20	1.0		N	18s	36.00um			
TLG	41.64	309	iPc	13	51.90	1.9			2.0s	606.98nm			6.3mb			E	18s	60.00um			
	Z	12s	5.00um		5.6MsZ			ASH	55.80	301	iPc	15	40.70	1.3			i	19	05.00	791kmX	
	N	12s	2.70um						2.4s	3440.00nm			7.0mb X			ePPP	20	33.00			
	E	14s	21.00um						Z	15s	15.81um		6.2MsZ			iS	25	18.00			
			e	15	33.00	570kmX			N	17s	6.77um				DHR	64.81	289	eP	16	41.80	0.7
			eS	20	12.00				E	17s	17.31um				TOO	65.02	160	iPc	16	43.00	0.8
AAA	41.96	309	iP+	13	54.20	1.7					e	16	36.00	249kmX		0.6s	26.00nm			5.5mb	
			e	14	09.70	61kmX					e	17	51.00				epP	16	54.00	36kmX	
			e	15	55.20						e	19	06.00		TAB	65.16	302	iPc+	16	45.00	1.5
			eS	20	09.70						PPP	23	30.00		SVW	65.22	32	eP	16	42.04	-1.3
			eSS	23	14.70						PS	23	44.00			0.9s	39.04nm			5.5mb	
KSH	42.04	303	iPc	13	56.60	3.2X					e	25	27.00		KER	65.36	298	eP	16	27.00	-17.8X
	1.4s	960.00nm			6.3mb						e	25	27.00		MTA	65.58	306	iPc+	16	45.20	-0.7
	Z	18s	49.00um		6.4MsZ			ARU	55.94	323	iPc	15	38.60	-1.5		1.0s	110.00nm			5.9mb	
	N	14s	15.50um						2.5s	900.00nm			6.4mb			Z	16s	5.50um			5.9MsZ
	E	14s	37.00um						Z	16s	17.00um		6.2MsZ			N	16s	3.00um			
			sP	14	04.00						e	15	47.00	27kmX		E	16s	8.00um			
			PP	15	36.00						e	16	35.00				i	17	17.20	131kmX	
			S	20	12.00						eS	23	45.00				ePPP	20	53.00		
			sS	20	22.00						i	25	21.00				iS	25	27.20		
			SS	23	13.00						e	25	21.00				iPS	25	53.20		
FRU	43.55	307	iP	14	07.00	1.4					i	25	21.00				i	26	03.20		
	2.0s	730.00nm			6.1mb			MUN	56.12	187	eP	15	43.00	1.3			i	26	35.20		
	Z	16s	29.00um		6.3MsZ			ILT	56.22	23	eP	15	40.00	-2.0	IMA	65.66	26	eP	16	45.49	-0.7
	E	16s	32.00um						1.2s	121.00nm			5.8mb			1.2s	21.22nm			5.1mb	
			i	15	50.00	578kmX			Z	16s	6.20um		5.8MsZ		ERE	66.11	305	iP+	16	50.00	0.6
			i	16	00.00				N	16s	3.20um						i	19	19.00		
AAK	43.61	307	iPc	14	07.26	1.1			E	15s	3.80um						iS	25	40.00		
			ed	14	22.49	59kmX					i	16	38.60	265kmX			iPS	26	06.00		
GBA	43.88	265	P	14	09.00	0.6					e	17	46.00				i	26	35.20		
MBL	45.09	184	iPd	14	17.00	-1.0					ePPP	19	06.00		PYA	66.39	309	iPc+	16	50.00	-1.1
KOD	45.12	260	iP	14	20.00	1.2					eS	23	20.00			Z	18s	12.50um			6.2MsZ
			eS	21	01.00						iPS	23	44.00			N	18s	5.50um			
WB2	45.26	164	iPd	14	18.40	-1.0					e	25	28.00			E	18s	12.50um			
	0.8s	56.80nm			5.5mb			RNO	56.29	152	iPc	15	42.80	-0.2			i	17	18.00	113kmX	
BOM	46.46	274	iP	14	28.80	-0.2				0.9s	79.00nm		5.7mb				iS	25	38.00		
			iS	21	14.60			KAT	57.30	302	iP+	15	51.00	0.9			ePS	26	10.00		
NANU	46.92	189	eP	14	32.70	0.3				Z	13s	7.70um		6.0MsZ			iPPS	26	44.00		
OIS	47.38	158	eP	14	35.20	-1.0				N	13s	4.40um			REF	66.72	32	eP	16	53.58	0.5
	0.4s	8.00nm			5.1mb				E	13s	12.00um						pP	17	01.77	26kmX	
TIK	47.67	3	iPc+	14	35.30	-2.6X					e	16	46.00	246kmX			eP	16	52.46	-1.4	
	2.0s	200.00nm			5.8mb						e	18	03.50		CPK	66.84	32	eP	16	52.46	-1.4
	Z	16s	40.00um		6.5MsZ						ePPP	19	23.00		CRP	66.87	32	iPd	16	53.45	-0.6
			e	16	28.00	640kmX					iS	23	48.00		KDC	67.24	35	(P)	16	56.11	0.0
			ePPP	17	21.00						ePS	24	02.00			1.3s	68.57nm			5.6mb	
			iS	21	26.00						e	25	30.00		MOS	67.67	322	iPc	16	58.00	-0.9
SMY	48.02	4																			

			e	17	22.00	94kmX	CTK	73.12	307	eP	17	33.30	0.8	JMB	78.35	311	iPc	18	02.00	0.2
			e	19	30.00		NUR	73.13	329	iP	17	30.60	-1.3	TNR	78.68	315	ePc	18	05.00	1.4
			ePPP	21	09.00			0.6s	14.90nm			5.2mb		UZH	78.74	318	ePc+	18	05.00	1.2
			eS	25	50.00		Z	16s	34.00um			6.7MszX			2.5s	900.00nm			6.3mb	
			e	26	50.00					e	22	00.00					e	18	14.30	30kmX
APA	67.70	335	eP+	16	57.10	-1.9				eS	26	52.00					eS	27	58.00	
SLKM	67.93	32	eP	17	00.29	-0.2				LR	52	40.00					i	28	16.00	
COL	68.25	27	ePc	17	01.51	-0.9	KART	73.35	308	eP	17	34.30	0.4				eSSS	36	25.00	
			epPd	17	08.96	24kmX	DHJN	73.36	282	eP	17	34.53	0.2	NB2	78.90	333	P	18	03.40	-1.1
			esPd	17	13.93		ALE	73.54	1	iPc	17	32.84	-1.2		0.6s	25.80nm			5.4mb	
FBA	68.25	27	eP	17	02.41	0.0				epPd	17	42.77	32kmX	PVL	78.92	312	iPc	18	15.06	18.1X
	0.8s		22.62nm			5.3mb				esPd	17	46.41		YER	79.12	306	iP	18	06.00	-0.3
PMR	68.26	31	eP	17	00.55	-1.9	MNK	73.76	322	eP	17	33.00	-2.7X	ALN	79.32	310	e(P)	18	06.40	-0.7
	0.9s		42.95nm			5.6mb	Z	17s	10.70um			6.2MszX	IZM	79.40	307	iP	18	07.00	-0.7	
RYD	68.32	288	eP	17	02.60	-1.0	N	18s	7.90um				HLW	79.44	298	eP+	18	06.70	0.6	
OBN	68.36	322	ePc+	17	01.00	-2.2	E	18s	6.70um							e	21	23.00		
	2.0s		304.00nm			6.1mb				eS	26	58.00				eS	28	23.00		
Z	20s		20.60um			6.4Msz	ABHA	73.81	283	eP	17	38.33	1.4	KDZ	79.46	311	iPc	18	09.00	1.0
N	16s		6.00um				ADAT	73.84	304	eP	17	39.00	2.5	DEV	79.47	316	ePc	18	09.00	1.1
E	18s		13.30um				BHL	74.61	301	P	17	40.00	-1.2	EZN	79.53	309	eP	18	07.60	-0.7
			e	17	17.50	60kmX				PP	20	36.00		OJC	79.58	320	ePd	18	08.50	0.1
			i	17	26.00					S	27	16.00			1.0s	221.00nm			6.1mb	
			ePcP	17	36.00		HRI	74.74	300	iPc	17	42.80	0.8	Z	14s	12.90um			6.4MszX	
			e	17	57.00		BBTK	74.89	307	iPc	17	43.00	0.3				i	18	30.80	84kmX
			ePP	19	24.00		DVR	75.00	309	eP	17	43.40	0.1	GZR	79.75	315	ePd	18	09.00	-0.5
			e	19	32.00		SGKT	75.16	308	eP	17	44.80	0.4	SPC	79.75	319	iP	18	10.40	0.8
			ePPP	21	16.00		KIS	75.22	315	iPc+	17	43.00	-1.3				LR	48	00.00	
			e	22	38.00		Z	18s	12.50um			6.3Msz	PLD	79.78	312	iP	18	10.00	0.4	
			iS	25	56.00		N	18s	7.40um				PRK	79.79	308	eP	18	09.40	-0.3	
			e	26	20.00		E	18s	9.10um				RZN	79.93	311	iP	18	21.00	18.3X	
			eScS	26	56.00					i	17	52.00	29kmX	PGB	79.97	312	iPc	18	11.00	0.3
			iSS	31	04.00					e	20	30.00		BSD	80.06	326	iPc	18	10.30	-0.5
			eSSS	33	34.00					iS	27	17.00			0.8s	28.00nm			5.3mb	
SOC	68.85	309	iPc+	17	06.00	-0.5	JVI	75.49	299	iPc	17	47.00	0.8	KONO	80.31	332	iPc	18	11.18	-0.8
	2.8s		1100.00nm			6.5mb	NAL	75.83	308	eP	17	47.90	-0.2				epPd	18	19.70	27kmX
Z	18s		13.70um			6.2Msz	AYN	75.99	296	eP	17	49.00	0.0	PSZ	80.50	318	iPc	18	13.40	-0.1
N	17s		11.30um				CSS	76.07	302	eP	17	49.30	-0.1				eS	28	00.00	
E	16s		3.50um				ARO	76.16	277	iP+	17	51.50	1.3	RAC	80.57	321	eP	18	14.00	0.4
			e	19	40.00		GYN	76.19	308	eP	17	50.20	0.1	Z	15s	10.00um			6.3MszX	
			ePPP	21	16.00		CFR	76.31	313	ePc	17	34.50	-16.0X				eS	28	30.00	
			eS	26	08.00		SIT	76.33	33	eP	17	50.70	0.4	VTs	80.60	312	iPc	18	15.00	0.8
			eSP	26	32.50			1.0s	79.39nm			5.7mb	TIM	80.60	316	iPc	18	17.00	3.1X	
			e	26	50.00		Z	19s	3.01um			5.6Msz	MMB	80.65	311	iPc	18	14.00	-0.3	
MJMA	69.12	290	eP	17	08.00	-0.5	CLI	76.40	315	ePd	17	36.00	-15.0X	AAE	80.82	276	P	18	18.50	2.5X
KEV	69.53	338	eP	17	09.00	-1.2	EYL	76.53	308	eP	17	52.40	0.4	SRS	80.94	311	e(P)	18	14.60	-1.2
	0.9s		27.00nm			5.3mb	UPP	76.63	330	iP	17	51.00	-0.9	KKB	80.98	312	iPc	18	16.00	0.0
Z	16s		14.80um			6.3MszX	SAGI	76.63	297	iPc	17	53.00	0.4	OUR	80.98	310	e(P)	18	15.16	-0.8
			e	19	40.00		HQL	76.64	296	eP	17	53.00	0.4	COP	81.02	327	eP+	18	14.30	-1.5
			e	21	24.00		DAG	76.65	352	eP	17	50.00	-1.8	Z	20s	23.40um			6.5Msz	
			eS	26	20.00			1.2s	34.38nm			5.3mb				iS	28	22.00		
			LR	52	36.00		Z	19s	6.94um			6.0Msz	SOH	81.22	311	e(P)	18	15.76	-1.6	
KLU	69.78	31	ePd	17	12.15	0.2	HRT	76.79	309	iP	17	53.50	0.2	PAIG	81.36	310	e(P)	18	16.80	-1.2
ANN	70.22	311	iP+	17	14.00	-0.8	PTT	76.84	316	eP	17	53.00	-0.4	SRO	81.51	319	eP	18	19.40	0.8
	2.2s		130.00nm			5.6mb	PPCY	76.86	302	eP	17	53.00	-0.8	VAY	81.55	311	iP	18	18.40	-0.6
			e	19	53.00		VRI	77.01	315	ePc	17	38.60	-15.8X		1.4s	160.00nm			5.8mb	
			ePPP	21	36.00		YLV	77.09	309	eP	17	54.50	-0.5	GRG	81.82	311	e(P)c	18	19.28	-1.2
			iS	26	23.00		LVV	77.24	319	iP+	17	56.00	0.4	NPS	81.84	305	eP	18	20.00	-0.6
			i	27	11.00		Z	20s	11.60um			6.2Msz	VRAC	81.84	321	iPc	18	21.10	0.8	
KBS	70.36	349	eP	17	13.00	-2.2	N	19s	9.50um					3.1s	3012.90nm			6.8mb	X	
OASM	70.55	291	eP	17	16.33	-1.0	E	18s	7.10um				UZD	81.89	317	eP	18	20.50	-0.1	
PUL	70.63	328	ePc+	17	16.00	-1.0				i	18	09.00	44kmX	SKO	82.05	312	iPc	18	21.50	-0.1
	3.0s		550.00nm			6.1mb				i	20	53.00			1.8s	312.00nm			6.0mb	
			e	17	26.00					ePPP	22	43.00		Z	17s	6.82um			6.1MszX	
			e	17	34.00	32kmX				iS	27	41.00					i	18	21.60	0kmX
			e	19	56.00					i	28	00.00					iPP	21	30.00	
			eS	26	25.00					iPS	28	39.00					iS	28	47.00	
			ePS	27	02.00					iSS	32	39.00					iPS	29	35.00	
			eSS	30	55.00		CVO	77.38	315	eP	17	39.00	-17.5X				LR	59	55.50	
AKKT	71.51	307	eP	17	23.10	0.1	ISR	77.39	314	ePd	17	42.50	-14.1X	ZST	82.06	319	eP	18	21.70	0.2
KMSA	71.54	285	eP	17	22.33	-1.0	MLR	77.65	314	ePc	17	42.00	-16.1X				e	47	01.60	
BALM	71.57	31	eP	17	24.20	1.3	KCT	77.92	309	iP	17	59.50	-0.1	LIT	82.12	310	e(P)c	18	20.72	-1.3
SVST	71.84	306	eP	17	26.10	1.2	BUC	77.95	313	ePc	18	00.00	0.4	BRNL	82.16	324	ePc	18	22.10	0.3
KAF	71.87	331	iP	17	23.00	-1.5	BUC1	78.02	313	ePc	17	45.20	-14.8X				eS	28	36.30	
	0.5s		13.70nm			5.2mb	WAR	78.04	322	eP	18	00.00	0.1	MUD	82.19	329	eP	18	24.00	2.1
KVT	72.12	308	iP	17	26.50	0.0	N	20s	10.00um						1.0s	20.00nm			5.1mb	
HON	72.28	74	P	17	40.00	12.4X	E	20s	15.00um					VKA	82.49	320	ePc	18	24.00	0.3
	Z	22s	9.38um			6.0Msz				S	27	45.00		YKA	82.51	23	eP	18	23.30	-0.2
SIM	72.38	312	iP	17	28.00	0.2				e	33	00.00			0.8s	26.20nm			5.4mb	
	Z	24s	12.00um			6.1MszX	ELL	78.05	305	iP	18	00.00	-0.5	KZN	82.53	311	eP	18	23.20	-1.0
	N	24s	5.60um				BNT	78.20	309	iP	18	02.40	1.3	FNA	82.60	311	e(P)	18	23.28	-1.3
	E	24s	8.50um				EDC	78.24	309	iP	18	01.50	0.2	BRG	82.60	323	iPc	18	24.00	-0.2
			i	17	42.00	49kmX	HFS	78.27	331	eP	18	00.00	-1.0		2.3s	220.00nm			5.8mb	
			e	20	10.00			0.9s												

IWA	82.69	314	iPc	18	25.89	0.9	Z	16s	34.40um	6.8MszX	IMM	89.75	319	P	18	56.93	-2.8X			
PRU	82.70	322	iPc	18	25.10	0.3			e+	22 04.00	BNI	89.83	320	Pc	19	00.00	-0.1			
	2.4s	310.00nm			6.0mb		OGA	86.30	320	iPc	18	43.30	0.1	PGF	89.83	317	eP	19	00.00	-0.1
Z	20s	12.20um			6.3Msz			2.0s	173.00nm	5.9mb	RRL	89.84	320	P	18	59.59	-0.7			
N	18s	9.50um					DBN	86.57	327	iP+	18	45.00	0.9	ENR	89.86	319	P	18	56.93	-3.3X
E	23s	5.10um					Z	20s	15.20um	6.4Msz	PZZ	89.89	320	P	18	58.46	-2.0			
	e		18	46.50	79kmX			ePP	22 08.00		STV	89.90	319	P	19	00.21	-0.2			
	PP		21	36.00				eS	29 24.00		VGB	89.91	319	eP	19	01.54	1.2			
	S		28	40.00				eSS	35 30.00		SAOF	89.91	319	P	18	59.92	-0.5			
PVY	82.76	313	iPc	18	25.99	0.6			eSSS	40 00.00	DPW	89.95	36	eP	19	01.90	1.3			
PLE	82.82	314	iPc	18	26.78	1.1	PGC	86.64	37	eP	18	45.00	0.5	AUTN	89.98	319	P	18	59.81	-1.2
OHM	82.85	312	iP	18	24.70	-1.1	NAI	86.72	267	iPc	18	47.00	1.1	SBF	90.05	319	eP	19	00.50	-0.6
CLL	82.90	323	iPc	18	25.40	-0.4		Z	20s	0.96um	5.2Msz	TOUF	90.08	319	P	19	00.22	-1.2		
	2.5s	270.00nm			5.9mb			ePP	22 12.00		AURF	90.10	319	P	19	00.94	-0.4			
Z	18s	19.00um			6.5Msz			eS	29 27.00		LOR	90.12	323	iPc	19	00.70	-0.6			
	e(S)		28	35.00				eSS	35 30.00			1.8s	125.15nm			5.9mb				
VLI	83.22	307	eP	18	26.40	-1.3	DUI	86.82	315	P	18	47.10	1.3	Z	18s	12.30um	6.4Msz			
TTG	83.31	314	iPc	18	28.08	0.0	GRI	86.89	311	P	18	47.11	1.0	WME	90.20	331	ePc	19	01.10	-0.4
NKY	83.31	314	iPc	18	28.14	-0.1	MCW	86.96	37	eP	18	47.77	1.5		0.9s	44.00nm	5.7mb			
ULC	83.52	313	iPc	18	29.25	0.0	LANF	86.97	323	P	18	46.48	0.2	LBF	90.23	323	iPc	19	01.20	-0.6
BRY	83.57	314	iPc	18	29.48	-0.1	AQU	87.16	316	P	18	48.40	1.1		1.9s	189.25nm	6.0mb			
BDV	83.66	314	iPc	18	30.74	0.8	SLE	87.26	322	ePc	18	47.30	-0.4	NEW	90.29	35	eP	19	02.40	0.3
KHC	83.67	321	Pc	18	30.00	0.2	ASS	87.27	316	P	18	49.00	1.1		1.0s	142.00nm	6.2mb			
	1.7s	78.50nm			5.6mb		AZI	87.32	315	P	18	48.70	0.7	Z	20s	5.60um	6.0Msz			
N	18s	6.30um					SFI	87.34	317	Pc	18	49.30	1.3	YRC	90.42	331	ePc	19	02.10	-0.3
E	18s	8.80um					VDL	87.41	321	Pc	18	48.70	0.1	SSF	90.44	323	iPc	19	02.40	-0.3
	e		18	48.50	67kmX		CRE	87.43	317	P	18	49.20	0.5		2.0s	138.00nm	5.9mb			
	e		19	20.60			PGD	87.44	317	P	18	50.22	1.4	SMF	9					

HVU	96.78	38 eP	19 34.27	2.1	YJA	172.25	77 ePKPc	26 12.50	2.1	WARB	37.48	241 eP	32 50.10	-1.3
TPNV	97.75	44 (P)	19 38.24	1.6	PPD	174.06	289 ePKPc	26 13.90	3.3X	MBL	42.60	251 iPc	33 32.60	-1.1
Z	21s	5.42um		6.0Msz							0.8s	38.00nm		5.2mb
DUG	97.79	40 eP	19 37.77	1.0						COOL	43.50	237 eP	33 40.00	-0.9
	1.2s	6.92nm		5.1mb						MEEK	44.57	243 eP	33 49.00	-0.7
GSC	98.40	45 ePDIFF	19 40.65	1.2	? SEP 28, 1992	14h 42m 27.60± 7.35s				BAL	47.09	238 eP	34 08.00	-1.5
ULM	98.47	24 eP	19 53.00	13.6X	47.200 N ±56.1km	11.200 E ±25.7km				MRWA	47.38	240 eP	34 10.70	-1.1
TOL	99.24	321 eP	19 42.00	-1.1	DEPTH = 10.0km	(geophysicist)				MUN	47.85	237 eP	34 14.00	-1.5
		ePP	23 47.00		AUSTRIA					SSE	58.04	318 Pc	35 30.00	-0.8
MSU	99.26	41 eP	19 44.27	0.7							1.0s	18.00nm		5.2mb
RSSD	99.76	32 eP	19 46.76	1.1	SOTA	0.02	16 iPgc	42 29.80	0.1	Z	20s	0.50um		4.6Msz
	0.6s	4.21nm		5.1mb	MOTA	0.16	336 iPgc	42 30.80	-0.6	NJ2	60.19	317 Pc	35 46.00	0.4
Z	21s	4.27um		5.9Msz	WATA	0.29	62 ePg	42 33.00	-0.7	MDJ	63.15	334 eP	36 04.70	-0.6
SRU	99.83	39 eP	19 47.01	0.9							1.0s	18.00nm		5.1mb
BCAO	101.01	280 ePdiff	20 07.50	16.0X	WTTA	0.30	78 iPg	42 33.40	-0.6	CN2	64.41	331 P	36 13.60	0.0
	1.0s	25.00nm									1.2s	33.00nm		5.2mb
		i	24 03.30		? SEP 28, 1992	14h 53m 47.74± 5.92s				BJ1	66.84	322 eP	36 28.00	-1.2
BUL	101.51	253 ePdiff	19 54.50	0.7	6.825 S ±46.6km	129.846 E ±17.7km					1.0s	13.00nm		4.8mb
GLD	102.34	36 Pdiff	20 10.00	12.9X	DEPTH = 190.6 ± 37.7 km					TIY	67.78	319 Pc	36 35.60	0.2
Z	18s	4.23um		6.0Msz	4.8mb (1 obs.)					XAN	68.18	314 Pc	36 37.00	-0.9
SLR	103.78	248 iPdiff	20 04.00	0.2	BANDA SEA						1.0s	11.00nm		4.8mb
ALO	105.05	40 PKP	24 30.00	5.9X						KMI	68.87	302 Pd	36 43.00	0.5
Z	19s	3.70um		5.9Msz							1.5s	40.00nm		5.1mb
JFWS	106.73	25 PKP	24 40.00	13.3X	MTN	6.12	168 iPd	55 17.50	0.4	HHC	70.14	321 eP	36 50.20	0.4
Z	20s	6.61um		6.2Msz							1.0s	30.00nm		5.2mb
RSNY	109.88	13 PKP	24 40.00	7.4X						CD2	70.51	308 P	36 51.70	-0.5
Z	19s	5.85um		6.2Msz	KNA	8.93	187 iPd	55 54.20	0.1	BTO	70.96	320 eP	36 55.00	0.2
TUL	110.10	33 Pdiff	20 39.00	7.5X						LZH	72.81	313 Pc	37 06.50	0.5
FVM	110.85	27 PKP	24 50.00	15.3X							1.5s	54.00nm		5.3mb
Z	20s	8.89um		6.3Msz	DIS	16.61	146 eP	57 30.50	-0.8	Z	22s	0.31um		4.5Msz
MIAR	112.28	32 PKP	24 50.00	12.5X	MBL	17.23	213 eP	57 38.00	-0.6	GTA	77.16	315 iPc	37 32.40	1.7
Z	19s	4.45um		6.1Msz							1.5s	45.00nm		5.2mb
MCWV	113.17	19 PKP	24 50.00	11.0X	WARB	19.49	189 eP	58 03.00	0.6	YAK	77.35	345 iPc	37 31.60	0.5
Z	21s	6.66um		6.2Msz	RMO	26.58	140 iPc	59 10.40	0.2		1.0s	50.00nm		5.4mb
SPA	113.98	180 iPKPd	24 40.90	0.9						SVW	78.96	19 eP	37 41.80	1.8
	1.2s	12.68nm			TOO	33.75	157 iPd	59 58.60	-14.6X	SPA	79.02	180 iPc	37 42.70	2.2
Z	20s	2.79um		5.9Msz							1.0s	19.00nm		5.0mb
		i	25 38.80		CNCB	150.63	143 PKP	13 19.10	4.8X			i	38 08.60	
CEH	116.87	20 PKP	25 00.00	13.8X	ZOBO	150.95	142 ePKP	13 15.00	0.1	MAW	83.72	202 iPc	38 06.60	1.8
Z	19s	4.31um		6.1Msz							1.0s	23.00nm		5.1mb
NVL	119.41	201 ePKP	24 49.00	-1.0						GUN	84.01	300 P	38 07.76	0.2
	1.0s	12.00nm			? SEP 28, 1992	16h 17m 40.03± 1.14s				PKI	84.32	299 P	38 08.84	-0.2
Z	20s	1.30um		5.6Msz	15.815 N ±17.1km	93.695 W ±10.5km				DMN	84.59	299 P	38 10.38	0.1
N	20s	0.70um			DEPTH = 60.0km	(geophysicist)				GKN	85.10	300 P	38 12.20	-0.5
E	20s	1.50um			NEAR COAST OF CHIAPAS, MEXICO	(69)				WMO	87.23	315 P	38 23.00	0.3
		e	25 05.00								1.0s	17.00nm		5.2mb
KIC	120.45	294 PKP	24 53.00	-0.7	SCX	1.37	48 iP	18 03.50	0.3	KAF	120.28	338 ePKP	44 21.70	-5.2X
LIC	120.76	294 PKP	24 54.40	0.2							0.5s	2.10nm		
SNA	124.04	200 e(PKP)	24 58.80	-0.1	TPX	1.65	123 iP	18 07.00	-0.2	NUR	121.92	337 ePKP	44 30.10	0.0
	1.0s	22.00nm									0.8s	11.70nm		
TOV	144.18	21 ePKP	25 36.60	-1.6	OXX	3.17	294 iP	18 29.50	0.8	BUL	125.49	235 iPKPc	44 38.50	0.1
CAR	144.34	16 iPKP	25 32.00	-6.5X	IISM	4.72	312 eP	18 49.50	-0.9	NB2	125.98	344 PKP	44 37.80	-0.3
SDV	144.72	23 iPKPc	25 37.60	-1.7							0.8s	2.00nm		
CUM	144.99	12 ePKP	25 38.00	-1.4						GEC2	134.49	332 ePKP	44 53.80	-0.9
TCE	145.13	8 ePKP	25 39.22	-0.5							0.9s	1.78nm		
GUAN	145.17	14 iPKP	25 38.70	-1.2	SEP 28, 1992	16h 25m 42.22± 0.99s						e	45 08.60	
TRN	145.22	7 ePKP	25 40.10	0.3	11.048 S ± 5.7km	163.046 E ± 7.6km				BCAO	144.25	262 iPKPc	45 12.00	-1.3
BMG	145.41	28 iPKPc	25 40.00	-0.3	DEPTH = 66.5 ± 8.6 km						0.2s	76.00nm		
TBH	145.42	6 ePKP	25 40.36	0.2	5.1mb (20 obs.)							i	45 24.00	
TPP	145.54	7 ePKP	25 40.14	-0.2	SOLOMON ISLANDS					PDCR	147.86	136 ePKP	45 30.20	11.0X
BOG	147.12	32 iPKP	25 46.00	2.6X								e	45 32.80	
PDCR	159.24	300 ePKP	26 07.60	7.8X										S.D. = 1.1 on 47 of 51 obs.
ARE	164.71	63 ePKP	26 09.00	3.4X	HNR	3.45	297 iPd	26 35.00	0.3					SEP 28, 1992 16h 52m 45.73± 0.76s
MDZ	166.65	133 ePKP	26 09.50	3.0X	SVO	3.70	300 iP	26 39.00	0.8					36.431 N ±10.2km 27.684 E ± 6.9km
ZOBO	167.23	54 iPKPc	26 09.33	1.3	BKM	8.29	143 iPc	27 40.90	-1.3					DEPTH = 33.0km (normol)
	1.2s	50.40nm			PVC	8.38	143 iPc	27 43.20	-0.3					DODECAESE ISLANDS (369)
		SS	51 50.00		DZM	11.43	164 iPc	28 23.90	-1.2					ML 3.7 (CSS). MD 3.7 (ATH).
LPB	167.41	55 PKP	26 11.00	3.1X						YER	0.85	34 iPg	52 48.00	-13.4X
	Z 20s	5.67um			PMG	15.72	275 eP	29 25.00	3.9X					
		SS	52 06.00											
CNCB	167.67	56 iPKPc	26 11.00	2.7X	SVA	16.48	117 eP	29 45.00	14.3X	ELL	1.82	79 iPn	53 17.00	1.7
		i	36 02.00		CTA	18.49	239 iPc	29 56.00	0.4	I2M	1.99	350 ePn	53 18.00	0.2
BDF	167.77	312 ePKPc	26 07.81	0.0						NPS	2.05	236 ePn	53 18.60	0.1
		e	26 14.00									eSn	53 45.50	
		e	26 19.00		BRS	18.91	209 eP	30 02.00	1.5	BCK	2.54	65 ePn	53 26.30	0.6
		e	26 27.00		RMO	20.44	219 iPc	30 17.00	0.4	PRK	3.02	339 ePn	53 30.80	-1.6
		ePKPob27	13.86							VLI	3.83	276 ePn	53 44.70	0.9
BAO	167.81	312 PKPd	26 08.20	0.4	ARMA	22.00	207 iPd	30 33.70	1.2	KCT	3.85	8 ePn	53 53.00	8.9X
		e	26 15.00							PPCY	4.10	111 eP	53 46.60	-1.0
		e	26 39.50		CMS	25.83	215 iPd	31 11.00	1.8					
		e	27 14.00							CSS	4.82	106 eP	53 57.00	-0.9
		e	27 20.80		STKA	28.67	220 eP	31 36.60	1.7					S.D. = 1.3 on 8 of 10 obs.
		e	27 26.40		TOO	30.76	208 eP	31 54.10	0.6					? SEP 28, 1992 17h 22m 50.17± 2.20s
CCH	169.39	52 ePKP	26 11.00	2.0										10.365 N ±26.7km 94.559 E ±10.6km
					KNA	33.65	258 eP	32 17.00	-1.9					

28d 17h

DEPTH = 33.0km (normol)
4.2mb (2 obs.) 4.1msz (1 obs.)
ANDAMAN ISLANDS, INDIA (703)

NNT 5.53 66 eP 24 11.80 -0.6
CHG 9.41 26 eP 25 07.50 0.9
PKI 19.16 335 P 27 13.52 -0.6
GUN 19.27 336 P 27 15.16 -0.2
DMN 19.32 334 P 27 16.80 0.8
KKN 19.41 335 P 27 16.10 -0.8
GKN 19.87 333 P 27 21.38 -0.4
LZH 26.96 17 eP 28 34.00 3.1X
2.0s 41.00nm 4.7mb
Z 18s 0.49um 4.1msz
GEC2 76.26 318 eP 34 38.20 0.7
0.9s 0.66nm 3.7mb
S.D. = 0.8 on 8 of 9 obs.

? SEP 28, 1992 17h 59m 43.48±18.68s
17.976 N ±57.3km 67.390 W ±111.1km
DEPTH = 10.0km (geophysicist)
MONA PASSAGE (89)

MGP 0.29 84 P 59 49.40 -0.1
LRS 0.61 59 P 59 56.30 0.6
PORP 0.72 84 P 59 58.00 0.3
CLLP 0.78 82 P 59 58.30 -0.4
APR 0.79 53 P 59 58.30 -0.5
S.D. = 0.6 on 5 of 5 obs.

& SEP 28, 1992 19h 34m 22.83s
63.959 N 162.040 W
DEPTH = 0.8km
NORTHERN ALASKA (676)
<AEIC>. ML 3.6 (AEIC).

ANM 1.58 294 eP 34 51.42 -0.6
eS 35 13.70
SVW 4.13 131 P 35 29.30 0.9
IMA 4.13 55 eP 35 27.80 -0.8
eS 36 18.87
3 obs. associated

& SEP 28, 1992 19h 34m 40.01s
61.434 N 146.558 W
DEPTH = 16.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.2 (AEIC), 2.8
(PMR).

KLU 0.31 79 iPc 34 46.44 -0.4
TOA 0.70 15 iPd 34 53.50 0.1
PMR 1.24 278 eP 35 00.54 -2.0
eS 35 15.58
PMS 1.46 264 eP 35 04.90 -0.8
SLKM 2.01 244 ePn 35 12.22 -1.5
ePg 35 12.91
BALM 2.08 99 eP 35 11.74 -3.0
eS 35 37.47
CRP 2.70 269 ePn 35 21.49 -2.2
BGL 2.82 269 eP 35 23.35 -1.9
8 obs. associated

SEP 28, 1992 19h 50m 54.14±0.22s
57.522 N ± 2.5km 143.058 W ± 1.8km
DEPTH = 10.0km (geophysicist)
4.2mb (6 obs.)
GULF OF ALASKA (15)
ML 4.4 (AEIC), 4.8 (PGC).

KAIM 2.51 344 iPc 51 36.61 0.9
MID 2.57 319 P 51 37.50 1.0
WRG 2.58 12 ePd 51 37.03 0.4
CYK 2.59 6 iPd 51 37.54 0.9
eS 52 06.09
SNH 2.67 2 iPd 51 38.60 0.6
eS 52 08.38
YKU 2.68 39 P 51 38.20 0.1
PNL 2.88 40 iPd 51 40.15 -0.8
HMT 2.89 348 ePd 51 41.66 0.6
HON 2.93 47 iPd 51 40.15 -1.4
eS 52 11.25
YAH 2.93 13 iPd 51 42.46 0.6
eS 52 14.41
WAX 2.94 2 iPd 51 42.02 0.2
eS 52 14.61
PCA 2.96 28 iPd 51 41.97 -0.2

RAGM 2.99 344 ePc 54 43.00 -0.5
BCPM 3.02 35 iPd 51 42.27 -0.6
SGAM 3.19 341 ePc 51 45.97 0.7
TGL 3.25 2 iPd 51 46.52 0.3
HIN 3.39 330 ePc 51 48.63 0.5
eS 52 28.04
BALM 3.54 6 iPd 51 50.83 0.4
eS 52 29.54
CTGM 3.57 14 ePd 51 50.81 0.1
FID 3.69 333 ePc 51 52.55 0.2
eS 52 33.07
KNIM 3.73 321 ePc 51 52.75 -0.2
eS 52 34.25
GLB 3.95 355 iPd 51 56.29 0.2
GLI 3.96 330 eP 51 55.79 -0.4
VZW 3.97 335 eP 51 56.34 -0.1
VLZ 3.99 337 ePc 51 56.31 -0.3
eS 52 40.53
PLBC 4.01 58 P 51 54.80 -2.1
S 52 38.00
SEW 4.21 311 eP 51 59.60 -0.1
SIT 4.22 93 eP 51 53.06 -6.8X
S 52 37.23
KLU 4.24 341 iPc 52 00.20 -0.1
HYT 4.37 38 P 52 01.70 -0.5
MPA 4.41 315 ePd 52 02.44 -0.2
PTE 4.54 320 ePc 52 03.87 -0.6
SLKM 4.76 312 ePc 52 07.63 0.0
KNK 4.77 327 ePc 52 07.92 0.1
SCM 4.83 335 eP 52 08.64 -0.1
TOA 4.86 342 P 52 09.50 0.5
XLV 4.94 297 eP 52 10.14 0.0
HOM 4.98 299 ePc 52 11.26 0.7
PMS 5.00 321 P 52 10.30 -0.7
SML 5.06 330 ePc 52 12.41 0.5
KDC 5.08 277 eP 52 11.18 -0.8
SYI 5.07 286 eP 52 12.08 0.1
PLRM 5.12 325 eP 52 13.08 0.5
PMR 5.12 325 ePn 52 10.88 -1.7
SDG 5.17 347 eP 52 13.39 -0.1
GHO 5.20 328 ePc 52 14.08 0.2
PWA 5.40 323 eP 52 18.40 1.8
SUA 5.56 319 ePc 52 18.12 -0.9
PAX 5.60 349 eP 52 19.62 0.1
RDT 5.71 306 ePc 52 20.52 -0.6
AUE 5.72 293 eP 52 21.61 0.5
OPT 5.73 296 ePc 52 21.65 0.3
AUI 5.74 293 eP 52 22.99 1.5
AUP 5.75 293 eP 52 22.53 0.9
CDD 5.77 289 ePc 52 21.72 -0.1
INE 5.79 300 eP 52 21.59 -0.7
REF 5.80 305 eP 52 22.10 -0.3
RED 5.80 304 eP 52 22.13 -0.2
RSO 5.81 305 eP 52 22.58 0.0
RS1 5.81 304 eP 52 22.55 -0.1
RS2 5.82 305 eP 52 22.44 -0.2
INW 5.83 300 eP 52 21.82 -0.9
DFR 5.84 306 eP 52 22.40 -0.5
RDW 5.85 305 eP 52 22.74 -0.3
SPU 5.88 312 ePn 52 22.74 -0.7
BKG 5.91 311 ePc 52 23.60 -0.2
NCT 5.94 305 eP 52 24.04 -0.2
CGLM 5.94 313 eP 52 24.26 0.0
CKT 5.96 312 eP 52 24.76 0.3
CKN 5.96 312 eP 52 24.96 0.5
CRP 5.97 313 ePn 52 24.38 -0.4
S 53 31.91
CKL 6.01 312 eP 52 25.05 -0.2
NCG 6.05 314 eP 52 25.66 -0.2
BGL 6.06 312 ePn 52 25.73 -0.3
S 53 34.65
MCNL 6.17 290 eP 52 27.96 0.5
SKT 6.19 320 eP 52 27.35 -0.4
PDB 6.24 296 eP 52 28.04 -0.4
TRF 6.93 332 eP 52 38.80 0.4
SVW 7.36 304 (P) 52 42.93 -1.3
NEA 7.65 340 eP 52 47.88 -0.4
YKA 14.99 59 eP 54 33.00 5.5X
0.7s 6.00nm 4.2mb
RMW 16.33 119 (P) 54 44.88 0.0
BMW 16.40 124 eP 54 45.84 0.0
LON 16.84 121 eP 54 52.91 1.5
MBC 20.65 16 eP 55 37.00 1.0
0.6s 16.00nm 4.6mb
LBFM 21.10 131 eP 55 41.13 0.0
WDC 21.50 133 eP 55 45.66 0.8
1.0s 11.76nm 4.2mb

LRM 22.09 109 eP 55 50.30 -0.8
BW06 25.71 110 eP 56 27.00 0.9
1.0s 1.83nm 3.7mb
TNP 25.80 128 eP 56 26.91 0.0
1.0s 5.57nm 4.2mb
RSSD 27.62 102 (P) 56 43.63 0.0
0.5s 1.46nm 4.0mb
SRU 28.01 117 eP 56 46.57 -0.6
S.D. = 0.7 on 90 of 92 obs.

% SEP 28, 1992 20h 17m 38.84±2.57s
41.053 N ±24.5km 19.785 E ±13.2km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.4 (TTG).

OHR 0.77 85 ePg 17 53.80 -0.1
iSg 18 07.20
ULC 0.99 336 iPg 17 55.65 -2.0
iSg 18 08.75
BDV 1.42 330 iPg 18 03.85 -0.9
iSg 18 23.10
TTG 1.43 344 iPg 18 04.32 -0.5
iSg 18 22.44
SKO 1.54 53 ePn 18 06.00 -0.4
PVY 1.55 5 iPg 18 06.65 0.1
iSg 18 27.25
HCY 1.69 326 iPg 18 08.73 0.1
iSg 18 32.29
IVA 1.82 3 iPnd 18 11.17 0.7
iSn 18 35.54
NKY 1.85 342 iPnc 18 12.14 1.1
iSn 18 36.03
BRY 2.07 334 iPnd 18 15.57 1.5
iSn 18 42.04
VAY 2.12 82 ePn 18 14.70 0.0
PLE 2.29 353 iPnc 18 17.80 0.4
iSn 18 46.98
S.D. = 1.0 on 12 of 12 obs.

? SEP 28, 1992 20h 54m 49.60±1.24s
11.580 N ± 6.8km 61.655 W ±38.7km
DEPTH = 50.0km (geophysicist)
WINDWARD ISLANDS (95)
MD 3.4 (TRN).

GRW 0.58 359 eP 55 02.66 0.7
eS 55 11.91
TCE 0.88 186 eP 55 06.91 1.0
eS 55 19.28
TRN 0.96 165 eP 55 06.15 -0.8
eS 55 19.61
TBH 1.23 152 eP 55 12.74 2.0
eS 55 27.09
TPP 1.27 171 eP 55 09.20 -2.1
eS 55 25.82
SVB 1.73 13 eP 55 18.98 1.2
eS 55 38.00
SLB 2.31 15 eP 55 25.28 -0.8
eS 55 50.17
SLW 2.52 16 eP 55 27.72 -1.3
eS 55 55.72
S.D. = 1.7 on 8 of 8 obs.

? SEP 28, 1992 21h 38m 53.32±0.99s
37.979 N ± 9.0km 22.443 E ±10.6km
DEPTH = 10.0km (geophysicist)
SOUTHERN GREECE (368)
ML 2.8 (ATH).

ATH 1.01 90 ePb 39 13.20 0.8
AGG 1.05 355 eP 39 11.50 -1.6
VLI 1.32 162 ePb 39 16.80 -0.9
VLS 1.48 278 ePb 39 20.80 0.9
LIT 2.12 1 eP 39 30.00 0.7
S.D. = 1.6 on 5 of 5 obs.

& SEP 28, 1992 21h 48m 49.40s
50.600 N 130.093 W
DEPTH = 10.0km (geophysicist)
VANCOUVER ISLAND REGION (25)
<PGC-P>. ML 3.0 (PGC).
HOLB 1.25 87 P 49 13.80 1.2
S 49 31.08
PHC 1.70 85 Pc 49 18.95 -0.2
S 49 40.70

28d 21h

BBB 2. 37 P 49 22.90 -0.9
S 49 48.80
EDB 2.04 110 P 49 23.60 -0.6
CBB 3.08 99 P 49 38.94 0.0
BTB 3.16 109 P 49 39.53 -0.7
6 obs. associated

SEP 28, 1992 22h 16m 50.54 ± 0.97s
36.625 N ± 10.5km 140.799 E ± 14.5km
DEPTH = 110.1 ± 13.6 km
4.7mb (1 obs.)

NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ 0.66 230 iPd 17 08.40 -0.3
S 17 19.40
NIIJ 1.57 294 P 17 18.20 -0.3
S 17 37.20
CHJJ 1.57 249 P 17 17.90 -0.6
S 17 36.80
YAMJ 1.66 339 iP+ 17 20.50 0.8
S 17 41.60
MAT 2.09 268 iPc 17 24.90 -0.3
eS 17 49.00
MTMJ 2.41 270 P 17 29.10 -0.4
OFUJ 2.55 15 iP+ 17 32.40 1.2
S 18 01.70
IIDJ 2.60 245 P 17 32.90 0.9
S 18 02.40
AOMJ 3.94 355 eP 17 51.30 1.3
HOOJ 6.06 18 eP 17 19.10 0.0
eS 19 23.30
KUSJ 7.13 24 eP 18 33.00 -0.7
eS 19 47.90
ASAJ 7.62 10 eP 18 38.20 -2.1
WB2 56.59 187 iPc 26 24.50 0.5
0.6s 5.40nm 4.7mb
S.D. = 1.1 on 13 of 13 obs.

? SEP 28, 1992 22h 47m 22.58 ± 4.29s
32.246 S ± 37.8km 71.001 W ± 16.9km
DEPTH = 70.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.3 (SAN).

JACH 0.55 142 iP 47 36.04 -0.2
iS 47 47.16
ROCH 0.72 181 iP 47 38.21 0.0
iS 47 50.66
PEL 0.93 163 iP+ 47 40.65 0.1
iS 47 54.66
FCH 1.23 151 iPd 47 44.91 0.2
iS 48 02.19
LCCH 1.32 201 iP+ 47 45.87 0.4
iS 48 04.53
TACH 1.40 178 iP 47 47.02 0.3
iS 48 05.52
PCH 1.43 163 iP+ 47 47.25 0.1
iS 48 06.66
CHCH 1.71 170 iP 47 50.44 -0.4
iS 48 12.65
LNV 1.74 191 iP 47 50.52 -0.6
iS 48 14.56
S.D. = 0.4 on 9 of 9 obs.

SEP 28, 1992 23h 49m 27.35 ± 0.65s
4.179 N ± 11.9km 62.578 E ± 5.9km
DEPTH = 10.0km (geophysicist)
5.3mb (34 obs.) 5.1Msz (7 obs.)

CARLSBERG RIDGE (421)
CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 16S, 21C
Centroid Location:
Origin Time 23:49:36.5 0.5
Lat 4.43N FIX; Lon 62.49E FIX
Dep 15.0 FIX Half-duration 1.1
Moment Tensor: Scale 10¹⁶ Nm
Mrr=-8.87 0.83 Mtt= 6.82 1.02
Mff= 2.05 1.43 Mrt= 0.00 0.00
Mrf= 0.00 0.00 Mtf=-2.22 0.85
Principal Axes:
T Val= 7.70 Plg= 0 Azm=201
N 1.17 0 111
P -8.87 90 180
Best Double Couple: Mo=8.3*10¹⁶
NP1:Strike=291 Dip=45 Slip=-90
NP2: 111 45 -90

GBA 17.40 56 P 53 32.00 0.1
BOM 17.72 34 iP 53 37.20 1.3
eS 02 25.80
HYB 20.45 49 eP 54 07.50 -0.4
eS 57 56.00
KMSA 23.85 314 eP 54 44.00 2.1
AAE 24.13 283 eP 54 50.00 5.1X
DHR 25.02 333 eP 54 57.00 4.0X
NAI 26.32 259 iPd 55 11.00 5.4X
eS 59 56.00
MJMA 27.19 324 eP 55 15.00 1.7
NDI 28.06 28 eP 55 29.00 7.9X
GKN 31.66 39 PKP 55 54.02 0.6
DMN 31.69 40 PKP 55 56.04 2.3
PKI 31.66 41 PKP 55 57.06 1.7
KKK 31.93 40 PKP 55 54.76 -1.0
MAIO 32.09 355 eP 55 59.00 2.1
eS 01 28.00
GUN 32.40 41 PKP 55 57.24 -2.8
PRNI 36.81 318 eP 56 40.40 2.9X
TAB 36.85 338 eP 56 39.00 1.2
LSA 37.08 44 P 56 42.20 1.9
Z 18s 5.74um 5.4Msz
N 16s 6.80um
RMN 37.15 318 eP 56 43.70 3.2X
KSH 37.16 17 eP 56 41.30 0.9
Z 20s 5.59um 5.4Msz
N 16s 3.30um
E 16s 4.27um
ScS 06 52.00
sP 56 48.30
PP 58 08.00
BAK 37.81 344 iPd 56 50.00 4.3X
ZNT 38.02 320 eP 56 48.40 0.8
CHG 38.38 65 eP 56 50.70 -0.1
ERE 39.38 338 iP 57 01.00 2.0
FRU 39.95 14 eP 57 04.00 0.4
2.2s 150.00nm 5.3mb
e 03 18.00
e 58 45.00
MTA 40.61 339 eP 57 10.00 1.1
MAK 40.95 343 eP 57 14.00 2.3
TLG 41.08 17 eP 57 13.00 0.1
N 17s 1.30um
E 17s 1.00um
e 03 31.00
GRO 41.78 341 eP 57 22.00 3.4X
Z 11s 2.00um 5.3MszX
N 16s 2.00um
E 14s 1.00um
eS 03 40.00
e 59 00.00
PYA 43.27 339 eP 57 32.00 1.2
eS 04 08.00
i 07 34.00
KMI 43.82 58 eP 57 37.50 1.7
BCAO 43.91 272 iPc 57 38.90 2.5
0.9s 27.00nm 5.1mb
i 58 52.80
SLR 44.61 226 iPd 57 43.50 1.5
0.5s 28.17nm 5.4mb
ANN 46.21 335 eP 57 55.00 0.8
eS 04 46.00
SEK 46.64 224 e(P) 58 01.00 2.8X
SIM 47.65 333 eP 58 08.00 2.3
e 00 00.00
e 05 11.00
GTA 48.63 39 eP 58 14.00 0.4
Z 20s 11.00um 5.8Msz
E 16s 7.05um
KIM 48.90 226 iPd 58 25.00 9.2X
ALN 49.10 323 e(P) 58 18.50 1.5
LZH 49.48 45 eP 58 20.00 -0.2
2.0s 30.00nm 4.9mb
Z 28s 1.00um 4.9MszX
E 20s 1.72um
eS 05 20.00
pP 58 22.50 8kmX
sP 58 29.00
KDZ 49.94 324 eP 58 25.00 1.6
RZN 50.38 323 iP 58 28.00 1.0
BUC1 51.30 327 ePc 58 16.00 -17.7X
KKK 51.46 323 iP 58 34.00 -1.1
KIS 51.65 331 iPc+ 58 32.00 -4.3X
2.6s 300.00nm 5.8mb
VTS 51.82 323 iP 58 38.00 0.1
VRI 51.93 329 ePd 58 24.00 -14.5X

MLR 52.09 328 ePc 58 25.50 -14.4X
ARU 52.17 357 eP 58 40.00 -0.1
2.4s 150.00nm 5.5mb
XAN 52.26 49 eP 58 40.30 -1.0
SVE 52.50 359 ePc 58 42.70 0.1
2.4s 60.00nm 5.1mb
e 06 08.00
e 59 51.00
SKO 52.53 322 eP 58 43.00 -0.1
Z 18s 0.69um 4.7Msz
LR 29 58.00
i 59 55.00
UER 54.03 24 eP 58 51.50 -2.4
1.0s 12.00nm 4.9mb
OBN 54.93 342 eP 59 07.00 6.4X
e 06 52.00
MOS 55.17 343 eP 59 02.00 -0.3
BTO 55.90 43 eP 59 06.80 -1.2
UZH 56.02 329 eP 59 07.50 -1.0
TIY 56.35 47 eP 59 08.70 -2.5
HHC 57.06 43 eP 59 15.00 -1.3
MNK 57.20 336 eP 59 18.00 1.2
ZAK 57.34 30 eP 59 14.30 -3.6X
2.1s 25.00nm 4.9mb
Z 18s 1.55um 5.2Msz
N 16s 0.97um
E 20s 1.94um
e 01 31.00
eS 07 06.00
SPC 57.43 328 eP 59 19.50 0.7
e 05 44.40
SRO 57.66 326 e(P) 59 20.90 0.7
e 00 23.30
e 05 46.00
e 07 42.30
VBY 58.20 323 e(P) 59 24.00 0.0
OJC 58.28 329 eP 59 30.00 5.5X
ZST 58.55 326 eP 59 23.20 -3.2X
LJU 58.91 323 e(P) 59 28.00 -1.0
BJI 59.95 46 eP 59 37.00 0.8
GEC2 60.81 325 ePd 59 40.40 -1.7
0.8s 0.63nm 3.8mb X
e 59 48.00
PRU 60.94 327 eP 59 41.70 -1.1
ePP 01 44.00
e 59 49.00
KHC 61.03 325 eP 59 41.50 -2.0
1.5s 10.70nm 4.8mb
Z 20s 0.60um 4.7Msz
N 20s 0.50um
E 20s 0.60um
e 59 48.60
BRG 61.73 327 eP 59 45.20 -3.0X
TMA 62.44 321 P 59 52.68 -0.6
CLL 62.46 327 iP 59 52.70 -0.4
1.7s 30.00nm 5.2mb
e 59 59.00
GRF 62.64 325 eP 59 51.40 -2.9X
Z 22s 0.40um 4.5Msz
LLS 62.68 322 P 59 54.31 -0.6
MMK 62.99 320 P 59 56.77 -0.2
ZLA 63.32 322 P 59 58.40 -0.5
DIX 63.35 320 P 59 59.40 0.0
SLE 63.38 322 P 59 58.83 -0.4
LPG 63.55 319 eP 59 59.20 -1.5
1.1s 19.05nm 5.2mb
LPL 63.57 319 eP 59 59.10 -1.7
1.3s 36.10nm 5.4mb
CDF 64.39 323 eP 00 05.00 -1.0
1.6s 81.45nm 5.7mb
BSF 64.45 322 eP 00 05.10 -1.3
1.4s 28.75nm 5.3mb
HAU 64.79 322 eP 00 07.20 -1.3
WLF 65.58 324 P 00 13.00 -0.4
e 00 21.00
SMF 65.85 320 eP 00 14.10 -1.2
1.1s 11.70nm 5.0mb
LBF 65.89 320 eP 00 14.50 -1.1
1.3s 29.95nm 5.3mb
LOR 66.07 320 eP 00 15.60 -1.1
1.3s 24.90nm 5.2mb
ENN 66.17 325 eP 00 20.00 2.8X
1.3s 33.00nm 5.4mb
e 01 30.00
WTS 66.18 326 eP 00 18.00 0.8
1.5s 41.00nm 5.4mb
SSF 66.22 320 eP 00 16.50 -1.1

S.D. = 1.1 on 21 of 23 obs.						
&	SEP 28, 1992	23h	56m	24.85s		
	35.520 N			117.486 W		
	DEPTH = 2.6km					
	CENTRAL CALIFORNIA					(39)
	<PAS-P>. ML 3.0 (PAS), 2.6 (GS).					
GSC	0.60	111	iPd	56 36.21	-0.6	
			eS	56 43.84		
ISA	0.82	280	ePnc	56 40.15	-1.0	
			eS	56 50.51		
SSK	1.32	187	ePn	56 49.06	-1.0	
			iPg	56 50.03		
			eS	57 07.72		
ABL	1.57	245	ePn	56 53.15	-0.8	
PEC	1.65	171	eP	56 53.46	-1.4	
			S	57 15.82		
PNV	1.74	35	ePn	56 55.33	-1.0	
BCN	2.15	262	ePn	57 02.74	0.5	
PLM	2.22	166	ePn	57 01.76	-1.6	
			ePg	57 05.75		
			S	57 36.02		
BONR	2.52	345	ePn	57 06.68	-1.0	
			ePg	57 11.79		
TNP	2.57	5	ePn	57 07.11	-1.2	
			iPg	57 12.18		
GLA	3.30	137	ePn	57 16.65	-1.9	
			S	58 10.82		
ARUT	3.96	54 (P)		57 29.73	1.6	
	12 obs. associated					
<hr/>						
?	SEP 28, 1992	23h	56m	36.42± 0.96s		
	36.619 N ±11.4km			26.766 E ± 9.8km		
	DEPTH = 10.0km (geophysicist)					
	DODECANESE ISLANDS					(369)
	MD 3.4 (ATH).					
NPS	1.65	215	ePb	57 06.00	0.5	
			eSb	57 27.10		
ELL	2.53	86	ePn	57 18.00	-0.3	
PRK	2.65	352	ePn	57 20.40	0.5	
VLI	3.08	273	ePn	57 25.30	-0.7	
	S.D. = 1.0 on 4 of 4 obs.					
<hr/>						
*	SEP 28, 1992	23h	58m	16.21± 0.71s		
	4.469 N ±12.0km			62.404 E ±11.3km		
	DEPTH = 10.0km (geophysicist)					
	5.3mb (28 obs.) 5.1Msz (1 obs.)					
	CARLSBERG RIDGE					(421)
GBA	17.39	58	P	02 21.00	0.4	
NDI	27.89	29	eP	04 15.00	6.6X	
MAIO	31.79	356	eP	04 46.00	2.8	
BUL	41.23	232	iPc	06 04.00	0.6	
SPC	57.09	328	eP	08 04.90	-0.4	
ZAG	57.59	323	eP	08 11.00	2.4	
VBY	57.87	322	e(P)	08 11.00	0.4	
OJC	57.95	329	eP	08 09.00	-2.0	
ZST	58.22	326	eP	08 11.60	-1.3	
CEY	58.49	322	e(P)	08 12.00	-3.0X	
LJU	58.58	323	e(P)	08 16.50	1.0	
VOY	58.96	322	e(P)	08 17.00	-1.3	
SFI	59.25	320	P	08 21.60	1.4	
PRU	60.60	327	eP	08 29.00	-0.4	
			ePP	10 46.50		
			ePP	29 06.00		
KHC	60.69	325	eP	08 28.50	-1.6	
	1.1s	4.00nm			4.5mb	
MDI	61.43	321	P	08 37.20	2.1	
VAI	62.07	320	P	08 40.30	0.9	
TMA	62.10	321	ePc	08 39.90	0.0	
CLL	62.13	327	e(P)	08 39.00	-0.7	
	2.7s	155.00nm			5.7mb	
SBF	62.13	318	eP	08 40.00	0.0	
LLS	62.35	322	ePc	08 41.60	0.1	
BRNL	62.53	329	eP	08 41.00	-1.3	
FRF	62.55	317	eP	08 42.60	-0.1	
MOX	62.55	326	e(P)	08 42.10	-0.5	
MMK	62.66	320	ePc	08 44.00	0.4	
NUR	62.79	340	eP	08 42.20	-1.7	
	0.7s	7.10nm			5.0mb	
ZLA	62.99	322	ePc	08 46.00	0.5	
DIX	63.02	320	ePc	08 46.60	0.5	
SLE	63.04	322	ePc	08 46.30	0.4	
LPG	63.21	319	eP	08 46.60	-0.8	
	1.7s	59.55nm			5.5mb	

LPL	63.23	319	eP	08	46.70	-0.7
	1.5s	39.15nm				5.4mb
KAF	63.44	342	eP	08	43.40	-4.8X
CDF	64.06	323	eP	08	52.60	0.0
	1.5s	60.60nm				5.6mb
BSF	64.11	322	eP	08	52.50	-0.5
	1.3s	22.00nm				5.2mb
HAU	64.46	322	eP	08	54.60	-0.6
	1.0s	11.20nm				5.0mb
WLF	65.25	323	P	09	01.00	0.9
SMF	65.52	320	eP	09	01.40	-0.7
	1.1s	14.40nm				5.1mb
LBF	65.56	320	iPd	09	02.00	-0.3
	1.1s	17.85nm				5.2mb
LOR	65.73	320	iPd	09	03.10	-0.3
	1.3s	27.10nm				5.3mb
ENN	65.83	325	e(P)	09	05.00	1.1
	1.2s	23.00nm				5.2mb
WTS	65.85	326	e(P)	09	05.00	1.0
	1.0s	12.00nm				5.0mb
SSF	65.88	320	iPc	09	04.00	-0.3
	1.2s	26.50nm				5.3mb
AVF	65.89	320	eP	09	03.70	-0.6
	1.2s	11.30nm				4.9mb
CAF	66.11	318	eP	09	06.00	0.1
	1.9s	55.35nm				5.4mb
BGF	66.13	319	eP	09	06.10	0.1
	1.2s	46.40nm				5.5mb
MAF	66.20	319	eP	09	06.40	0.0
	1.3s	30.35nm				5.3mb
WIT	66.28	327	e(P)	09	08.00	1.3
DOU	66.34	323	P	09	10.20	3.0X
TCF	66.46	319	eP	09	08.00	-0.1
RJF	66.60	318	eP	09	09.30	0.3
	1.4s	34.00nm				5.3mb
LPO	66.63	317	eP	09	09.60	0.4
	1.2s	36.30nm				5.4mb
HFS	66.65	336	eP	09	07.70	-1.3
	1.7s	121.30nm				5.8mb
Z	19s	1.02um				5.1MsZ
		LR	32	15.00		
SNF	66.69	324	P	09	08.70	-0.7
UCC	66.75	324	P+	09	11.00	1.2
LSF	66.89	319	iPd	09	10.80	0.0
	1.3s	21.30nm				5.2mb
LFF	67.01	317	eP	09	12.00	0.4
	1.5s	91.40nm				5.7mb
MFF	68.10	319	eP	09	18.30	-0.1
	1.5s	44.90nm				5.4mb
NB2	68.18	336	P	09	17.70	-1.0
	0.8s	10.10nm				5.1mb
LDF	68.70	321	eP	09	21.70	-0.4
	1.6s	72.15nm				5.6mb
MAL	68.81	308	eP	09	23.50	0.5
GRR	69.10	320	eP	09	24.20	-0.4
LPF	69.11	320	eP	09	24.50	-0.1
	1.7s	61.00nm				5.5mb
TOL	69.15	311	eP	09	26.00	0.9
KEV	69.18	348	eP	09	24.00	-0.7
EKA	72.59	327	P	09	45.00	-0.5
	0.8s	7.40nm				4.8mb
CNCB	129.86	252	PKP	17	29.60	0.4
LPB	130.02	252	ePKP	17	29.00	-0.5
ZOBO	130.08	253	PKP	17	29.30	-0.6
S.D.	= 0.9	on	64	of	68	obs.
SEP 29, 1992 00h 16m 36.35± 0.47s						
4.343 N ± 9.1km 62.542 E ± 6.9km						
DEPTH = 10.0km (geophysicist)						
5.1mb (26 obs.) 4.8MsZ (1 obs.)						
CARLSBERG (RIDGE OBS.) (421)						
KOD	15.91	68	eP	20	26.00	3.6X
GBA	17.34	57	P	20	42.00	1.8
GKN	31.56	39	P	23	00.00	-1.5
MAIO	31.93	355	eP	23	07.00	2.5
ASH	33.67	354	eP	23	21.00	1.5
KAT	35.16	352	eP	23	33.00	0.6
LSA	36.99	44	iPd	23	49.20	0.7
	0.7s	6.00nm				4.5mb
KSH	37.01	17	P	23	50.10	1.9
CHG	38.34	65	eP	23	59.00	-0.5
BCAO	43.87	272	iPc	24	47.00	1.9
	1.6s	39.00nm				5.0mb
		i	25	33.90		
SEK	46.74	224	eP	25	08.50	0.6
	0.8s	14.93nm				5.1mb

GYA	47.54	58.1	Pc	25	13.40	-0.9	LAT	3.57	127	eP	31	42.10	2.1	TIA	2.78	273	P	41	18.80	-0.5
	1.0s	12.00nm			4.9mb		PMG	5.72	149	eP	32	07.00	-1.7	RDW	2.80	211	eP	41	20.31	0.7
		pP	25	19.40	20kmX		QIS	16.58	195	eP	34	30.00	0.3	RS2	2.80	210	eP	41	20.69	0.9
LZH	49.39	45	eP	25	25.00	-3.5X	KNA	18.81	232	eP	34	54.20	-1.1	RSO	2.80	210	eP	41	20.64	0.9
	2.0s	30.00nm			5.0mb			0.3s	98.00nm			5.6mb X		RS1	2.81	210	eP	41	20.72	1.0
Z	22s	1.12um			4.8Msz		ASPA	21.48	206	iPd	35	22.60	0.3	SEW	2.83	175	eP	41	19.18	-0.7
N	13s	0.59um						0.3s	9.50nm			4.7mb		RED	2.85	210	eP	41	20.94	0.7
ARU	52.00	357	eP	25	48.50	0.7			eP	35	28.10	20kmX		HIN	3.01	146	eP	41	20.49	-1.9
	2.2s	130.00nm			5.5mb		WARB	27.32	216	eP	36	18.00	0.7	GLB	3.23	115	eP	41	24.04	-1.4
SVE	52.34	359	ePd	25	50.50	0.1	GEC2	119.06	325	ePKPd	49	21.00	4.7X				eS	42	00.40	
	2.8s	80.00nm			5.2mb			0.7s	0.83nm					INE	3.23	209	eP	41	26.12	0.5
Z	16s	1.00um			4.9MszX		KIC	148.98	275	PKP	50	22.30	9.4X	SVW	3.24	239	P	41	24.70	-0.9
N	16s	1.00um					TIC	149.25	275	PKP	50	22.90	9.6X	SGAM	3.30	135	ePc	41	24.11	-2.3
E	16s	0.20um					LIC	149.27	275	PKP	50	22.80	9.5X	IMA	3.56	335	P	41	29.10	-1.0
								S.D. = 1.4	on	9	of	13	obs.	RAGM	3.56	133	eP	41	27.82	-2.2
MOS	55.01	343	eP	26	10.00	-0.1								OPT	3.64	207	eP	41	33.64	2.5
BTO	55.01	43	eP	26	11.00	-5.3X								HMT	3.74	131	eP	41	30.33	-2.2
HHC	56.97	43	eP	26	24.00	-0.6								PDB	3.75	215	eP	41	31.60	-1.0
SPC	57.27	328	eP	26	26.60	-0.1								TGL	4.00	120	eP	41	34.20	-2.0
SRO	57.51	326	eP	26	28.30	0.2								BALM	4.04	114	eP	41	34.61	-2.2
ZST	58.40	326	eP	26	34.40	0.1								WAX	4.18	123	eP	41	36.82	-1.9
KHC	60.07	325	eP	26	49.50	-2.0								CDD	4.39	206	eP	41	40.76	-0.8
	1.3s	6.00nm			4.6mb									CTGM	4.51	112	eP	41	41.58	-1.7
		e	26	55.00			HUR	0.15	64	iPc	40	48.37	1.6	YAH	4.67	120	eP	41	43.71	-1.9
		e	27	18.60					eS	40	57.58									
BRG	61.57	327	e(P)	26	56.40	0.3	TRF	0.56	343	iPc	40	51.26	0.0							
CLL	62.31	327	e(P)	27	01.00	0.0	RND	0.70	44	iPc	40	52.01	-0.4							
	2.4s	91.00nm			5.															

ARUT	82.46	50 ePc	16 49.13	0.4
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PLM	82.75	55	eP	16 49.89	-0.5	SOI	1.29	152	P	32 24.00	-0.5	AWF	145.54	340	ePKP	54 19.20	0.4
MSU	82.83	48	ePc	16 51.80	1.1	SGO	1.35	1	P	32 24.80	-0.2	LPF	145.63	346	ePKP	54 19.40	0.5
EMUT	82.89	47	eP	16 50.84	-0.2	S.D. = 0.8 on 4 of 4 obs.						1.0s 51.00nm					
SRU	83.50	47	iPc	16 54.67	0.6	SEP 29, 1992 06h 34m 54.85±0.87s											
PRU	83.80	328	eP	16 56.50	1.5	14.968 S ± 6.8km 167.237 E ± 6.8km											
			e	17 07.50		DEPTH = 132.6 ± 7.5 km											
			e	22 26.00		5.0mb (16 obs.)											
ULM	83.87	32	eP	16 59.50	4.1X	VANUATU ISLANDS (186)											
RSSD	84.08	40	eP	16 57.18	0.3										0.5s	11.20nm	
	0.6s		4.40nm		4.4mb	BKM	2.85	160	iP	35 40.00	-0.3	ROB	145.91	333	PKP	54 19.29	-0.3
GLA	84.32	54	iPd	16 58.60	0.5							PZZ	146.07	334	PKP	54 17.86	-2.1X
KHC	84.85	328	eP	17 01.40	1.0							ENR	146.16	334	PKP	54 20.53	0.5
PV10	84.86	47	iPd	17 02.79	1.8	PVC	2.94	160	iP	35 41.70	0.3	STV	146.19	334	PKP	54 19.81	-0.3
GEC2	85.00	327	ePd	17 01.60	0.3	DZM	7.10	186	iPd	36 36.10	-1.6	IMI	146.21	333	PKP	54 19.29	-0.8
	0.6s		1.68nm		3.9mb							MAF	146.29	341	ePKP	54 21.60	1.5
			e	17 11.90		HNR	9.00	307	eP	37 02.00	-1.1	TCF	146.35	341	ePKP	54 21.60	1.4
			e	17 17.10										1.0s	12.20nm		
GOL	86.22	44	eP	17 08.89	1.2	SVO	9.28	308	eP	37 09.00	2.2	LSF	146.59	342	ePKP	54 22.00	1.4
	0.9s		9.27nm		4.6mb									0.5s	8.45nm		
JAO	88.38	20	eP	17 18.00	0.6	BRS	18.27	225	iPc	39 02.50	1.4	MFF	146.74	344	iPKPd	54 22.60	1.8
EEO	93.52	25	eP	17 44.00	2.7X		0.5s		8.00nm		4.3mb	FRF	147.03	334	iPKPd	54 23.30	2.0
ARE	147.87	66	ePKP	24 12.00	4.4X	PMG	20.38	283	eP	39 23.00	-0.1	LMR	147.27	334	iPKPd	54 23.90	2.2X
ZOBO	150.31	62	PKP	24 12.10	0.3	CTA	20.64	253	iPc	39 25.10	-0.6	RJF	147.44	341	iPKPd	54 24.70	2.7X
LPB	150.49	63	PKP	24 17.80	6.0X		1.0s		45.00nm		4.8mb			0.5s	4.25nm		
CNCB	150.75	63	PKP	24 13.80	1.4							BCAO	147.47	254	iPKPd	54 25.10	2.2
CCH	152.47	62	PKP	24 22.20	7.7X									0.2s	40.00nm		
S.D. = 1.1 on 96 of 112 obs.						RMQ	20.71	233	iPd	39 27.60	1.2				ic	54 57.00	
& SEP 29, 1992 05h 25m 43.87s							0.7s		61.00nm		5.1mb				ic	56 04.00	
37.567 N 118.873 W						ARMA	21.03	220	iPc	39 31.30	1.6	LFF	148.01	342	iPKPd	54 26.30	3.5X
DEPTH = 7.5km							1.1s		82.00nm		5.0mb				0.4s	5.95nm	
CALIFORNIA-NEVADA BORDER REGION (40)						CMS	25.56	226	iPd	40 13.60	0.5	LPO	148.10	341	ePKP	54 26.60	3.6X
<GM-P>. MD 3.7 (GM). ML 3.8							0.3s		15.00nm		5.0mb				0.7s	8.50nm	
(GS). 3.6 (BRK).						STKA	28.82	230	iPd	40 43.20	0.6	S.D. = 1.0 on 67 of 72 obs.					
						WB2	31.73	256	iPc	41 06.40	-1.9	? SEP 29, 1992 06h 49m 44.02±5.77s					
							0.7s		14.30nm		4.9mb	38.171 S ±18.4km 175.559 E ±19.1km					
MEMM	0.11	332	iPd	25 46.70	0.2	ASPA	32.56	249	iPd	41 14.10	-1.5	DEPTH = 168.5 ± 51.8 km					
BONR	0.60	49	iPc	25 55.39	-0.5		0.7s		63.50nm		5.5mb	4.6mb (4 obs.)					
FRI	0.88	229	iPc	26 00.42	-0.6	FORT	39.15	239	eP	42 11.10	-0.1	NORTH ISLAND, NEW ZEALAND (159)					
			eS	26 11.70			0.4s		16.00nm		5.1mb	DZM	17.86	331	iPd	53 43.00	-0.2
CMB	1.29	292	iPd	26 07.37	-0.6	WARB	39.46	247	iPd	42 13.70	-0.1	ASPA	38.22	280	iPd	56 50.10	1.0
			iS	26 23.72			0.4s		10.00nm		4.9mb		0.8s		13.40nm		4.7mb
TNP	1.41	68	iPc	26 10.32	0.3	MBL	45.36	255	iPd	43 01.40	-0.3	WB2	39.96	285	iPd	57 04.10	0.7
KVN	1.60	22	eP	26 13.85	1.1	MEEK	46.66	247	iPd	43 11.50	-0.5		0.5s		4.70nm		4.4mb
			eS	26 33.96			0.4s		26.00nm		5.3mb	WARB	42.65	271	eP	57 25.00	-0.4
LLA	1.91	241	iPc	26 18.18	1.1	NANU	49.34	253	eP	43 32.70	0.0	MEEK	48.76	266	eP	58 13.00	-0.6
			eS	26 43.15		GYA	71.82	305	P	46 05.20	-0.2	MBL	50.57	273	eP	58 26.70	-0.7
ISA	1.93	170	ePd	26 18.88	1.5	TIY	73.41	317	eP	46 14.40	0.0		0.4s		10.00nm		4.8mb
			eS	26 43.60		XAN	73.83	313	eP	46 16.50	-0.3	SPA	52.02	180	iPd	58 38.10	0.1
PRI	2.02	226	iPc	26 19.79	1.0		1.0s		14.00nm		4.7mb		0.6s		6.91nm		4.5mb
PHAM	2.12	216	ePc	26 20.83	0.7	KMI	74.40	302	Pd	46 21.00	0.4	LIC	148.20	179	PKP	09 08.00	-0.2
ARN	2.13	265	eP	26 21.09	0.8		1.0s		30.00nm		5.0mb	KIC	148.33	179	PKP	09 08.40	0.0
TPNV	2.18	106	eP	26 21.23	0.0	SPA	75.13	180	iPd	46 24.30	0.4	TIC	148.61	179	PKP	09 09.20	0.3
SAO	2.20	249	iPc	26 22.48	1.1		0.6s		7.72nm		4.6mb	S.D. = 0.7 on 10 of 10 obs.					
			eS	26 51.72		CHG	75.15	294	eP	46 25.40	0.8	* SEP 29, 1992 07h 31m 20.33±0.66s					
PRS	2.35	239	iPc	26 24.49	1.0	LZH	78.46	312	eP	46 43.50	0.6	11.261 S ± 9.9km 166.605 E ±12.2km					
			eS	26 57.98			1.5s		30.00nm		4.8mb	DEPTH = 35.7km (3 depth phases)					
GCC	2.55	259	iPc	26 26.69	0.5	GTA	82.81	314	P	47 06.00	0.3	5.1mb (15 obs.)					
			eS	26 59.70			1.2s		16.00nm		4.7mb	SANTA CRUZ ISLANDS (184)					
BCH	2.57	203	ePc	26 27.15	0.5	GUN	89.48	299	PKP	47 38.62	-0.3	BKM	6.56	166	iP	32 57.60	0.5
BKS	2.68	278	eP	26 30.35	2.2	PKI	89.78	299	PKP	47 39.50	-0.8				iS	34 20.60	
ZSP	2.71	279	eP	26 30.43	1.9		0.8s		14.00nm		5.1mb	HNR	6.80	285	iP	33 01.00	0.7
ABL	2.73	186	eP	26 29.42	0.4	KKN	89.96	299	PKP	47 40.32	-0.6				eS	34 11.00	
PCC	2.79	270	iPc	26 30.18	0.5	DMN	90.05	298	PKP	47 41.24	-0.2	SVO	7.00	287	eP	33 04.00	0.8
GSC	2.81	143	ePn	26 30.12	0.0	GKN	90.56	299	PKP	47 42.74	-0.9				iS	34 19.00	
ORV	2.86	315	eP	26 31.78	1.1	VAI	144.27	334	PKPc	54 14.90	-1.7	DZM	10.75	181	iPc	33 47.00	-8.1X
NTYM	3.10	286	eP	26 35.82	1.8	SFI	144.33	329	PKP	54 16.50	-0.3				iS	35 48.90	
SSK	3.48	164	eP	26 41.00	1.3	CRE	144.49	328	PKPc	54 16.30	-1.0	CTA	21.45	243	iPd	36 06.40	-1.5
PEC	3.92	159	eP	26 46.52	0.7	ASS	144.52	327	PKPc	54 15.90	-1.4				i	36 19.00	53kmX
ARUT	4.32	85	eP	26 50.39	-1.1	SGO	144.69	322	PKPc	54 16.30	-1.2	RMO	22.64	226	eP	36 20.00	0.4
LBFM	4.44	329	(P)	26 55.24	2.0	ORO	144.80	334	PKP	54 16.60	-1.1		0.8s		27.00nm		4.8mb
PLM	4.51	158	eP	26 55.18	0.9	FLN	144.82	346	ePKP	54 16.20	-1.3	ARMA	23.60	214	eP	36 25.60	-3.4X
MSU	5.37	78	(P)	27 06.03	-0.5	LDF	144.89	345	ePKP	54 16.40	-1.2		1.1s		42.00nm		4.9mb
DUG	5.41	59	ePg	27 25.94	19.0	LOR	144.95	340	ePKP	54 17.30	-0.5	CMS	27.82	220	eP	37 03.00	-5.4X
GLA	5.59	143	ePg	27 25.68	16.2		0.9s		15.90nm				0.6s		4.00nm		4.3mb
HVU	6.31	46	(Pg)	27 39.96	20.3	LBF	145.16	340	ePKP	54 18.00	-0.2	WB2	32.19	250	iPd	37 42.10	-5.3X
DAU	6.58	62	(Pg)	27 46.74	23.1		1.2s		30.35nm			ASPA	33.46	244	eP	37 51.90	-6.5X
33 obs. associated						SSF	145.25	340	ePKP	54 18.50	0.2		0.8s		6.10nm		4.6mb
? SEP 29, 1992 05h 31m 52.40±1.41s						GRR	145.26	346	ePKP	54 18.00	-0.3	Z	21s		0.30um		4.0msz
39.211 N ±15.1km 15.278 E ±45.7km						LSD	145.27	335	PKP	54 18.88	0.1	GYA	69.24	304	iPc	42 26.00	-0.3
DEPTH = 200.0km (geophysicist)						LPL	145.40	336	iPKPd	54 19.40	0.5		0.6s		13.00nm		5.2mb
SOUTHERN ITALY (390)						LPG	145.40	336	iPKPd	54 19.50	0.5	TIY	70.29	317	eP	42 31.50	-0.9
				</													

29d 07h

Z	16s	0.36um	4.7mszx	
XAN	70.89 312 Pc	42 36.50	0.4	
	0.8s	14.00nm	5.1mb	
	pP	42 47.00	34km	
	sP	42 53.00		
KMI	71.95 301 Pc	42 48.50	5.6X	
	1.5s	40.00nm	5.2mb	
	pP	42 55.00	21kmX	
CHG	73.08 294 ePc	42 48.80	-0.6	
	1.2s	19.92nm	5.0mb	
	eSg	52 44.30		
CD2	73.40 307 P	42 51.50	0.4	
	1.0s	26.00nm	5.2mb	
LZH	75.53 312 iPc	43 04.80	1.4	
	1.5s	40.00nm	5.2mb	
	pP	43 16.00	37km	
GTA	79.81 314 P	43 28.00	1.0	
	1.5s	28.00nm	5.0mb	
	pP	43 39.20	36km	
GUN	87.16 299 PKP	44 04.68	-0.2	
PKI	87.48 299 PKP	44 05.74	-0.7	
KKN	87.64 299 PKP	44 06.40	-0.7	
	0.8s	29.00nm	5.6mb	
DMN	87.75 299 PKP	44 07.16	-0.5	
	0.8s	54.00nm	5.9mb	
GKN	88.25 299 PKP	44 08.64	-1.2	
	0.9s	49.00nm	5.8mb	
BCAO	147.67 260 iPKPc	51 02.00	1.0	
	0.7s	39.00nm		
	ic	51 37.50		

S.D. = 0.9 on 18 of 24 obs.

? SEP 29, 1992 07h 58m 14.00±2.03s
 34.567 S ±21.2km 70.481 W ±16.9km
 DEPTH = 120.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

CACH	0.46 348 iPd	58 32.22	0.0	
	iS	58 46.85		
CHCH	0.65 347 iPd	58 33.18	-0.2	
	iS	58 48.11		
PCH	0.94 358 iPd	58 36.06	0.1	
	iS	58 52.44		
LNV	0.98 308 iPd	58 36.29	0.1	
	iS	58 52.14		
TACH	0.99 337 iPd	58 36.30	0.0	
	iS	58 52.82		
SAN	1.12 352 iPd	58 37.51	-0.2	
FCH	1.25 7 iPd	58 39.44	0.1	
	iS	58 58.79		
LCCH	1.42 320 iPd	58 40.85	0.0	
	iS	59 01.05		
PEL	1.43 353 iP+	58 41.18	0.1	
	iS	59 01.46		
ROCH	1.65 344 iP+	58 43.86	-0.1	
	iS	59 06.75		
JACH	1.88 357 iP	58 46.68	0.0	
	iS	59 11.16		

S.D. = 0.1 on 11 of 11 obs.

SEP 29, 1992 08h 30m 40.64±2.83s
 41.591 N ±22.4km 22.228 E ±8.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.2 (THE). ML 2.1 (SKO).

VAY	0.37 136 iPg	30 48.00	-0.3	
	iSg	30 54.00		
GRG	0.65 168 ePg	30 53.44	-0.2	
	eSg	31 01.76		
FNA	1.03 219 ePg	31 00.00	-0.2	
THE	1.11 150 ePg	31 01.86	0.5	
	eSg	31 15.52		
SRS	1.13 114 ePg	31 01.64	-0.2	
	eSg	31 15.32		
SOH	1.15 132 ePg	31 01.68	-0.4	
	eSg	31 17.56		
OUR	1.83 133 ePb	31 12.64	0.3	
	eSb	31 37.92		
PAIG	1.99 146 ePb	31 15.16	0.4	

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

* SEP 29, 1992 10h 11m 13.85±1.50s
 4.013 S ±15.2km 141.889 E ±11.2km
 DEPTH = 109.5 ±13.1 km
 4.6mb (4 obs.)

NEW GUINEA, PAPUA-NEW GUINEA (202)

WWKK	1.77 77 iPc	11 43.60	-0.9	
MNDI	2.76 140 eP	11 59.00	1.4	
YYYY	4.63 119 eP	12 24.60	1.7	
PMG	7.49 136 eP	13 00.00	-2.0	
MTN	13.79 230 eP	14 26.00	0.1	
	0.4s	23.00nm	4.9mb	
	eS	16 51.00		
QIS	16.59 188 eP	15 01.30	-0.1	
	eS	17 54.40		
KNA	17.39 227 eP	15 11.00	-0.2	
WB2	17.46 204 iPd	15 10.80	-1.2	
	0.5s	68.10nm	5.2mb	
	eS	18 20.10		
ASPA	21.01 201 iPc	15 49.90	-0.5	
	0.6s	11.20nm	4.4mb	
WARB	26.45 212 eP	16 43.00	0.6	
	0.4s	5.00nm	4.4mb	
MBL	27.38 230 eP	16 52.00	1.0	
CNCB	143.96 126 PKP	30 40.20	0.5	
	e	32 00.00		
LPB	144.01 125 ePKP	30 39.00	-0.6	
	i	32 05.20		
ZOBO	144.11 125 PKP	30 40.00	0.0	
	e	32 02.00		

S.D. = 1.2 on 14 of 14 obs.

& SEP 29, 1992 10h 24m 35.67s
 34.976 N 116.939 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.2 (PAS), 2.8 (GS).

GSC	0.34 19 iPc	24 42.50	0.0	
SSK	0.98 219 ePnd	24 54.12	-1.3	
	eS	25 07.47		
PEC	1.10 190 iPd	24 56.14	-1.1	
	eS	25 10.79		
ISA	1.43 299 eP	25 01.23	-1.7	
	eS	25 21.55		
PLM	1.62 178 ePn	25 04.45	-1.3	
	eS	25 25.98		
ABL	1.88 267 ePn	25 08.41	-1.1	
	ePg	25 10.39		
	eS	25 35.43		
TPNV	2.05 16 ePn	25 11.07	-0.9	
	eS	25 41.64		
BCH	2.59 276 ePn	25 16.55	-3.1	
GLA	2.60 137 ePn	25 16.62	-3.1	
	eS	25 59.40		
PHAM	2.95 288 ePn	25 22.82	-1.9	
TNP	3.11 356 ePn	25 25.29	-1.8	
MEMM	3.13 330 (Pn)	25 26.36	-0.8	
	eS	26 15.15		
BONR	3.17 340 ePn	25 27.19	-0.8	
ARUT	3.98 44 ePn	25 37.71	-1.8	
CMB	4.13 319 ePn	25 38.02	-3.4	
ARN	4.41 304 (P)	25 43.44	-2.0	

16 obs. associated

? SEP 29, 1992 10h 37m 48.52±0.91s
 56.335 S ±17.7km 26.286 W ±20.8km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)

SOUTH SANDWICH ISLANDS REGION (153)

SPA	33.84 180 iPc	44 30.20	0.6	
	0.8s	8.75nm	4.7mb	
CNCB	50.43 304 P	46 46.00	0.6	
LPB	50.73 304 eP	46 49.00	1.5	
ZOBO	50.95 304 iPc	46 48.00	-1.5	
	LR	02 28.00		
LIC	64.75 23 P	48 26.00	0.3	
KIC	64.95 24 P	48 27.20	0.3	
TIC	65.16 23 P	48 28.60	0.3	
BCAO	70.73 48 ePc	49 16.50	13.4X	
	0.5s	3.00nm		
MBC	144.45 336 ePKP	57 19.00	-2.1	
	1.0s	29.00nm		

S.D. = 1.4 on 8 of 9 obs.

SEP 29, 1992 11h 05m 50.00±1.14s
 15.834 N ±6.3km 61.210 W ±14.9km
 DEPTH = 97.7 ±14.3 km
 LEEWARD ISLANDS (92)
 MD 3.8 (TRN).

SEG	0.42 2 ePd	06 05.59	0.5	
PAG	0.49 293 eP	06 05.50	-0.3	
	S	06 16.71		
DEG	0.50 17 iPd	06 05.75	0.0	
	S	06 17.20		
SEG	0.63 333 eP	06 07.08	0.3	
FDF	1.10 177 iPd	06 11.30	-0.4	
	S	06 26.50		
CRM	1.11 165 iPd	06 11.29	-0.5	
	S	06 26.50		
MGH	1.31 312 iPc	06 14.19	0.0	
	S	06 35.20		
MVM	1.31 167 iPc	06 13.68	-0.5	
	S	06 31.60		
BIM	1.32 174 iPc	06 14.16	-0.1	
	S	06 32.30		
BPA	1.36 333 eP	06 14.53	-0.2	
	eS	06 32.49		
SLW	1.82 172 eP	06 21.96	1.3	
	eS	06 46.00		
NEV	1.84 315 eP	06 21.18	0.3	
	eS	06 44.54		
CPB	1.89 342 eP	06 21.07	-0.5	
	eS	06 43.23		
SLB	2.00 175 eP	06 22.50	-0.6	
	eS	06 48.79		
SOA	2.45 179 eP	06 29.42	0.5	
	eS	06 58.15		
SVV	2.50 180 eP	06 29.22	-0.5	
	eS	06 59.07		
SVB	2.55 181 eP	06 31.57	1.2	
	eS	07 02.24		
GRW	3.68 187 eP	06 45.24	-0.6	
	eS	07 24.12		

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

SEP 29, 1992 11h 37m 07.15±0.95s
 41.525 N ±8.6km 22.875 E ±4.8km
 DEPTH = 13.3 ±4.4 km
 NORTHWESTERN BALKAN REGION (383)
 ML 2.7 (SKO). MD 2.5 (THE).

VAY	0.31 229 iPg	37 13.60	-0.1	
	iSg	37 20.50		
GRG	0.67 212 ePg	37 20.26	0.1	
	eSg	37 31.72		
SRS	0.68 127 ePg	37 19.37	-0.9	
	eSg	37 30.92		
SOH	0.79 153 ePg	37 22.62	0.4	
	eSg	37 36.62		
THE	0.89 176 ePg	37 24.56	0.6	
	eSg	37 39.76		
SKO	1.16 293 iPg	37 28.80	0.2	
	iSg	37 39.50		
FNA	1.35 237 ePb	37 30.96	-0.7	
	eSb	37 51.52		
LIT	1.45 192 ePb	37 33.72	0.7	
	eSb	37 55.16		
OUR	1.46 144 ePb	37 32.64	-0.4	
	eSb	37 54.04		
OMR	1.62 256 ePn	37 32.50	-2.9X	
PAIG	1.71 159 ePbc	37 36.24	-0.5	
	eSb	38 02.84		
ALN	2.47 104 ePn	37 48.36	0.7	
	eSn	38 20.28		
AGG	2.53 198 ePn	37 48.60	0.0	
	eSn	38 21.24		

S.D. = 0.6 on 12 of 13 obs.

* SEP 29, 1992 11h 48m 15.22±3.37s
 41.675 N ±26.4km 22.815 E ±8.7km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 MD 2.4 (THE). ML 1.7 (SKO).

VAY	0.40 208 iPg	48 24.50	1.1	
	iSg	48 31.50		
GRG	0.78 204 ePg	48 29.88	-0.6	
	eSg	48 42.76		
SRS	0.81 133 ePg	48 30.14	-0.8	
	eSg	48 42.12		
SOH	0.94 154 ePg	48 33.62	0.4	
	eSg	48 48.56		
THE	1.05 174 ePg	48 33.60	-1.4	
	eSg	48 50.40		
FNA	1.40 231 ePb	48 40.56	-0.3	
	eSb	49 01.84		

OUR	1.60	146	ePb	48	44.80	1.2	W82	33.29	263	iPc	24	18.80	-2.0X	SO4	3.80	19	P	05	09.00	0.9
			eSb	49	07.92			0.6s	3.40nm			4.3mb					eSn	05	55.00	
PAIG	1.87	159	ePb	48	47.80	0.3	ASPA	33.53	256	iPd	24	21.70	-1.2	MBZ	3.81	306	iPd	05	06.00	-2.1
S.D. = 1.1	on	8	of	8	obs.			0.5s	44.70nm			5.5mb	X	MSI	3.82	13	P	05	09.50	1.2
% SEP 29, 1992 12h 42m 14.30±0.89s							WARB	40.13	252	iPc	25	18.20	0.0	GMB	3.85	16	P	05	09.02	0.2
45.355 N ± 7.5km							MBL	46.68	259	eP	26	10.70	-0.3	ERC	3.87	337	P	05	03.80	-5.2X
DEPTH = 10.0km (geophysicist)							S.D. = 0.7	on	9	of	10	obs.		LVI	3.91	334	P	05	08.10	-1.4
ROMANIA (358)							% SEP 29, 1992 14h 21m 07.27±3.16s							ZGN	4.04	299	iPd	05	08.20	-3.3X
ISR	0.23	202	ePc	42	20.00	0.7	41.027 N ± 17.3km							SBS	4.12	306	iPd	05	11.60	-1.0
VRI	0.52	5	iPc	42	25.10	0.3	23.985 E ± 18.9km							TROT	4.15	286	iPc	05	10.00	-3.1X
MLR	0.53	285	iPc	42	28.50	3.5X	DEPTH = 10.0km (geophysicist)							KCHT	4.53	307	iPc	05	16.20	-2.2
CVO	0.58	324	iPc	42	26.50	0.4	GREECE-BULGARIA BORDER REGION (363)							BERT	4.53	269	iPc	05	11.00	-7.4X
CFR	1.06	99	iPc	42	34.00	-0.3	MD 2.2 (THE).							GRI	4.60	19	P	05	20.43	1.0
MTUR	1.14	264	eP	42	36.50	0.8	SRS	0.31	287	ePg	21	13.32	-0.4	OAR	5.03	272	iPd	05	23.50	-1.9
CLI	1.27	20	iPc	42	30.00	-7.9X	SOH	0.52	247	ePg	21	17.92	-0.8	TDS	5.38	15	P	05	29.40	-1.0
COZ	1.64	270	ePc	42	41.50	-1.9				eSg	21	25.64		MGR	5.71	8	P	05	35.50	0.4
S.D. = 1.3	on	6	of	8	obs.		OUR	0.69	180	ePg	21	20.66	-0.3	SGO	6.11	6	P	05	41.00	0.4
* SEP 29, 1992 12h 50m 16.45±1.84s									eSg	21	32.68		CGL	6.40	321	P	05	43.52	-1.4	
41.722 N ± 14.9km							THE	0.87	243	ePg	21	24.60	0.6	CNS	6.70	289	iP	05	57.50	8.4X
22.898 E ± 6.6km									eSg	21	35.64		BRT	6.74	18	P	05	49.50	-0.1	
DEPTH = 10.0km (geophysicist)							PAIG	1.12	192	ePg	21	28.36	0.1	RFL	6.82	357	P	05	53.36	2.7X
NORTHWESTERN BALKAN REGION (383)									eSg	21	44.20		IGT	6.88	41	ePn	05	50.98	-0.6	
MD 2.7 (THE). ML 2.2 (SKO).							GRG	1.20	267	ePb	21	30.16	0.5	SRN	6.96	38	iPnd	05	45.40	-7.2X
VAY	0.47	212	iPg	50	25.50	-0.5			eSb	21	47.16					iSn	06	58.60		
			iSg	50	32.70		LIT	1.47	231	ePb	21	34.04	0.3	DUI	7.17	360	P	05	56.50	0.8
SRS	0.80	139	ePgc	50	31.66	-0.3			eSb	21	55.88		VLO	7.18	32	ePn	05	52.50	-3.3X	
			eSg	50	43.08		S.D. = 0.6	on	7	of	7	obs.	TPE	7.28	36	ePn	05	55.70	-1.5	
GRG	0.85	206	ePgc	50	32.50	-0.4	? SEP 29, 1992 14h 54m 49.86±8.59s						AGG	7.76	52	ePn	06	04.60	0.7	
			eSg	50	44.60		10.105 N ± 52.8km						MNS	8.02	350	P	06	10.10	2.6X	
SOH	0.96	159	ePgc	50	34.96	0.2	62.093 W ± 38.6km						TIR	8.07	30	ePn	06	07.00	-1.2	
			eSg	50	48.60		DEPTH = 10.0km (geophysicist)									eSn	07	36.00		
THE	1.09	177	ePg	50	37.08	0.2	NEAR COAST OF VENEZUELA (97)						OHR	8.29	35	iPn	06	09.90	-1.5	
			eSg	50	52.00		MD 3.0 (TRN).									iPg	06	17.70		
SKO	1.12	283	ePg	50	40.80	3.4X	TPP	0.67	72	eP	55	02.67	-0.4				iSn	07	42.30	
			iSg	50	53.80				eS	55	15.00			FNA	8.34	39	ePn	06	12.00	0.0
FNA	1.48	231	ePb	50	43.20	0.0	TCE	0.68	30	iP	55	02.57	-0.7				eSn	07	42.32	
			eSb	51	03.20				eS	55	12.87		MAO	8.35	343	P	06	12.30	0.3	
OUR	1.61	149	ePb	50	44.88	-0.1	TRN	0.87	51	eP	55	07.42	0.9	ULC	8.36	25	iPnc	06	12.61	0.3
			eSb	51	06.76				eS	55	17.85					iSn	07	31.16		
LIT	1.65	191	ePb	50	46.88	1.3	TBH	1.08	69	eP	55	15.30	5.2X	LIT	8.50	46	ePn	06	14.53	0.4
			eSb	51	10.20				eS	55	37.79					eSn	07	46.08		
PAIG	1.89	161	ePb	50	48.76	-0.3	GRW	2.09	12	eP	55	25.61	0.2	BDV	8.51	22	iPnc	06	13.42	-0.9
			eSb	51	13.40				eS	55	49.82					iSn	07	33.32		
ALN	2.51	108	ePn	50	57.88	0.0	S.D. = 1.2	on	4	of	5	obs.	HCY	8.56	20	iPnd	06	13.75	-1.2	
			eSn	51	30.84		? SEP 29, 1992 15h 00m 24.32±1.09s						PHP	8.59	31	ePn	06	11.70	-3.8X	
S.D. = 0.6	on	10	of	11	obs.		41.097 N ± 10.6km						ASS	8.70	351	P	06	18.80	1.8	
SEP 29, 1992 13h 04m 35.92±0.71s							28.341 E ± 11.8km						TTG	8.78	24	iPnc	06	17.02	-1.0	
40.707 N ± 8.1km							DEPTH = 10.0km (geophysicist)									iSn	07	40.68		
29.641 E ± 5.6km							TURKEY (366)						HVAR	8.82	9	e(Pn)	06	25.10	6.5X	
DEPTH = 13.7 ± 5.9 km							DMK	0.85	329	iPg	00	40.70	0.1	KKS	8.90	30	ePn	06	19.40	-0.3
TURKEY (366)									eSg	00	53.70		BRY	8.99	19	iPnc	06	18.87	-2.2	
HRT	0.12	10	iPg	04	38.90	-0.5	KCT	0.85	179	iPg	00	40.80	0.1				iSn	07	43.48	
GBZT	0.17	299	ePg	04	40.40	0.3	HRT	1.04	105	iPn	00	44.90	0.9	GRG	9.01	42	ePn	06	21.72	0.5
YLV	0.25	236	iPg	04	41.70	0.2			eSg	00	56.90					eSn	07	58.04		
EYL	0.42	109	iPg	04	44.90	0.2	EYL	1.48	110	ePn	00	50.00	-1.1	NKY	9.04	22	iPnd	06	20.35	-1.4
ISK	0.57	309	iPg	04	47.40	0.3	S.D. = 1.4	on	4	of	4	obs.				iSn	07	46.10		
			iSg	04	54.40		? SEP 29, 1992 15h 03m 49.64±0.91s						ARV	9.09	353	P	06	23.50	1.2	
GPA	0.66	129	ePg	04	48.80	0.1	37.115 N ± 8.3km						THE	9.11	45	ePn	06	22.00	-0.6	
			eSg	04	58.70		29.555 E ± 7.7km									eSn	07	59.32		
KCT	1.08	245	iPn	04	56.90	1.0	DEPTH = 10.0km (geophysicist)						PAIG	9.13	51	ePn	06	21.72	-1.2	
BNT	1.36	256	iPn	05	01.40	1.0	TURKEY (366)									eSn	07	59.84		
EDC	1.40	256	iPn	05	00.50	-0.5	ELL	0.46	142	iPg	03	59.00	-0.1	PGF	9.13	334	Pn	06	23.00	0.0
DMK	1.80	309	iPn	05	07.20	0.4			iSg	04	07.00					Sn	07	54.70		
EZN	2.69	252	ePn	05	17.10	-2.4	BCK	0.89	67	ePg	04	07.00	0.2	PVY	9.17	26	iPnd	06	23.75	0.2
S.D. = 1.1	on	11	of	11	obs.		YER	1.02	271	ePg	04	09.00	0.1				iSn	07	51.79	
? SEP 29, 1992 13h 17m 55.30±11.05s							KHL	1.21	359	ePn	04	12.00	-0.2	SKO	9.27	34	iPn	06	23.00	-1.8
19.551 S ± 26.8km							S.D. = 0.3	on	4	of	4	obs.				i	06	30.50		
169.760 E ± 142.0km							SEP 29, 1992 15h 04m 08.19±0.33s						VAY	9.35	41	iPn	06	27.00	1.1	
4.5mb (3 obs.)							34.478 N ± 3.5km						IVA	9.39	25	iPnc	06	26.73	0.2	
VANUATU ISLANDS (186)							14.483 E ± 2.5km									iSn	07	55.78		
PVC	2.27	322	iPc	18	34.30	0.4	DEPTH = 10.0km (geophysicist)						SOH	9.46	45	ePn	06	27.42	-0.1	
			iS	19	00.50		4.7mb (21 obs.)									eSn	08	09.18		
BKM	2.36	322	iPc	18	34.90	-0.2	5.3Msz (1 obs.)						OUR	9.55	49	ePn	06	27.85	-0.8	
			iS	19	03.30		CENTRAL MEDITERRANEAN SEA (400)									eSn	08	12.35		
DZM	3.99	230	iPd	18	55.90	-0.3	PZI	2.57	8	P	04	51.49	0.9	ABA	9.60	287	iP	06	28.00	-1.5
			iS	19	39.10		MEU	2.64	8	P	04	52.70	1.0	FIR	9.62	346	e(Pn)	05	55.00	-34.6X
RMO	20.51	246	eP	22	24.10	0.6	PTS	3.08	320	P	04	56.00	-1.8	PGD	9.63	348	P	06	39.63	9.7X
	0.4s	6.00nm			4.4mb		MCT	3.22	348	P	05	01.00	1.0	PLE	9.63	22	iPnd	06	28.37	-1.5
QLP	24.48	249	iPd	23	02.60	0.6	MNO	3.45	3	P	05	04.40	1.2	SFI	9.65	349	P	06	30.50	0.5
	0.5s	32.00nm			5.1mb		CVT	3.47	337	P	05	03.20	-0.1	SRS	9.79	45	ePn	06	30.12	-1.9
STKA	28.10	238	iPd	23	35.40	0.4	GIB	3.52	354	P	05	04.90	0.7				eSn	08	17.56	
							ATN	3.76	12	P	05	08.10	0.6	MME	10.13	344	P	06	44.90	

29d 15h

LMR	10.80	327	Pn	06	43.70	-2.1	AVF	14.90	329	Pn	07	45.20	4.7X	HFS	25.67	359	eP	09	38.50	-1.1	
SBF	10.85	332	Pn	06	45.20	-1.3	VRAC	14.90	5	eP	07	50.20	9.7X		0.5s	2.30nm			4.1mb		
			Sn	08	37.80			2.5s	363.50nm			5.4mb		Z	17s	0.53um			4.1Mszx		
EZN	10.85	57	eP	06	45.00	-1.5	CDF	14.92	341	Pn	07	40.10	-0.8			LR		19	26.00		
			eSg	21	37.20		BGF	14.94	327	Pn	07	42.30	1.3	OBN	25.71	30	(P)	09	40.00	0.1	
FRF	10.92	328	Pn	06	44.90	-2.6X	CFR	14.97	40	ePd	07	32.00	-9.3X			i		10	10.00		
LRG	10.96	327	Pn	06	45.80	-2.2	TCF	15.03	325	Pn	07	46.20	4.0X			i		10	30.00		
BOB	10.98	341	P	06	47.00	-1.4	SSF	15.05	330	Pn	07	45.70	3.2X	TAB	25.85	73	eP	09	43.00	1.3	
IZM	11.01	66	eP	06	57.00	8.2X	LOR	15.07	331	Pn	07	46.20	3.4X	MOS	26.58	30	eP	09	56.00	8.1X	
VBY	11.03	3	eP	06	49.00	0.0	SGKT	15.20	61	eP	07	46.00	1.3	Z	12s	0.54um			4.3Mszx		
PCP	11.04	337	P	07	02.82	13.6X	UZH	15.29	20	eP	07	49.50	3.9X			e		10	44.00		
ENR	11.16	333	P	06	50.15	-0.7		Z	11s	1.50um				NB2	26.66	356	P	09	48.10	-0.7	
ALN	11.17	52	ePn	06	50.54	-0.4		N	11s	1.00um					0.8s	1.50nm			3.7mb		
			eSn	08	50.60		SPC	15.31	14	e(P)	07	58.30	12.3X	PUL	27.35	17	(P)	10	01.00	6.0X	
STV	11.21	333	P	06	51.55	0.0	PTT	15.35	32	eP	07	55.00	8.7X	Z	13s	0.40um			4.2Mszx		
CDR	11.40	326	ePd	06	53.50	-0.6	DVR	15.36	59	eP	07	53.50	6.8X			e		10	50.00		
			e	06	54.50		GRF	15.39	352	ePc	07	46.00	-0.1	TIC	33.04	217	P	10	45.30	-0.6	
			e	07	02.40			Z	21s	0.70um					0.8s	7.00nm			4.7mb		
			e	08	39.30				e		07	53.10		KIC	33.14	217	P	10	45.78	-1.0	
PTJ	11.46	5	eP	06	54.50	-0.5	ELUD	15.48	287	eP	07	52.90	4.7X			0.7s	9.00nm			4.8mb	
YER	11.51	73	eP	06	54.00	-1.7	PRU	15.50	0	eP	07	59.00	10.7X	LIC	33.40	217	P	10	48.72	-0.3	
PZZ	11.52	333	P	06	56.06	0.3		Z	16s	1.40um					0.5s	13.00nm			5.1mb		
VOY	11.55	358	eP	06	55.80	-0.4		N	14s	1.00um				MAIO	36.49	74	eP	11	18.00	2.5	
LJU	11.55	0	e(P)	07	02.50	6.4X		E	12s	0.80um				ARU	37.05	40	eP	11	20.00	0.2	
BHB	11.74	334	P	06	56.64	-2.1			e		08	03.10				e		12	40.00		
CTI	11.76	350	P	06	59.50	0.5			e		09	22.50		SVE	38.25	40	ePc	11	33.30	3.5X	
MDI	11.86	344	P	07	08.30	8.1X	CSS	15.51	83	eP	07	51.00	2.4X		1.1s	40.00nm			5.1mb		
RRL	11.99	333	P	07	02.21	0.0			eS		10	36.00				e		13	12.50		
RSP	12.01	335	P	07	08.36	5.9X	MAL	15.53	284	eP	07	58.50	9.7X	NDI	53.02	78	ePc	13	28.50	1.0	
BNI	12.14	333	P	07	05.00	0.8	ECRI	15.56	306	eP	07	50.00	0.8		0.6s	20.00nm			5.2mb		
BNT	12.18	57	eP	07	07.80	3.1X	TOL	15.72	295	eP	07	52.50	1.3	BUL	55.96	164	iPc	13	49.00	-0.1	
LSD	12.32	335	P	07	11.03	4.4X			eS		10	51.00		WIN	56.78	177	eP	13	56.50	1.4	
KCT	12.44	58	eP	07	06.80	-1.4	GUD	16.00	298	eP	07	57.50	2.6X		0.7s	10.27nm			5.0mb		
LPG	12.49	334	Pn	07	11.10	2.0	EPRU	16.20	284	eP	08	03.80	6.3X	Z	18s	2.06um			5.3Msz		
LPL	12.52	334	Pn	07	13.00	3.7X	EHOR	16.28	288	eP	08	00.50	2.1X	UER	57.77	47	eP	14	01.50	0.0	
GZR	12.61	28	ePd	07	16.00	5.5X	MOX	16.29	353	eP	08	01.50	3.0X		1.8s	18.00nm			4.8mb		
KBA	12.62	356	eP	07	10.30	-0.3			1.1s	21.00nm		4.2mb		HYB	59.17	89	eP	14	12.00	0.1	
	0.9s	34.00nm			5.6mb	X		Z	18s	0.70um		5.3Msz		GKN	59.26	75	P	14	11.94	-0.5	
KHL	12.71	68	eP	07	11.00	-0.8		N	18s	1.10um				DMN	59.80	76	P	14	16.08	-0.3	
DMK	12.75	51	eP	07	13.20	0.9		E	21s	0.50um				KKN	59.86	75	P	14	16.08	-0.6	
ELL	12.76	75	eP	07	12.00	-0.5	IFR	16.30	272	iP	08	06.00	7.2X		PKI	60.06	76	P	14	17.76	-0.4
COZ	13.20	32	eP	07	10.00	-8.3X			i		11	04.50		GUN	60.29	75	P	14	19.32	-0.5	
BUC1	13.28	39	ePd	07	12.00	-7.3X			i		13	44.00		SLR	61.30	166	eP	14	23.00	-3.2X	
YLV	13.28	58	eP	07	19.00	-0.4			i		13	53.00		Z	20s	2.13um			5.3Mszx		
BHG	13.29	355	eP	07	21.00	1.7	WLF	16.37	340	P	08	01.00	1.6	KOD	62.04	97	eP	14	31.60	-0.2	
BUC	13.36	39	ePd	07	30.00	9.7X	EJIF	16.38	283	eP	07	53.50	-6.2X	ZAK	63.64	46	eP	14	44.00	2.5	
BCK	13.38	73	eP	07	19.00	-1.7	BRG	16.39	359	iP	08	00.60	0.9		1.8s	10.00nm			4.7mb		
TNR	13.43	31	ePc	07	21.00	-0.2		1.3s	34.00nm			4.3mb		BLF	64.20	169	eP	14	44.20	-1.3	
MTUR	13.45	34	ePc	07	14.00	-7.6X			e		08	09.40		TIK	64.77	19	eP	14	48.00	-0.6	
SRO	13.63	11	eP	07	21.80	-2.0	MFF	16.41	322	Pn	08	02.30	2.3	BOD	66.31	35	eP	15	00.50	1.9	
EYL	13.84	59	eP	07	28.00	1.3	KSP	16.41	4	eP	08	02.00	2.0		0.9s	11.00nm			5.0mb		
ZST	13.85	7	eP	07	23.00	-3.7X			e		08	11.50		PDCR	69.07	237	(P)	15	32.00	15.4X	
			e	07	36.20		OJEN	16.43	281	eP	08	10.00	9.6X	LZH	70.25	59	eP	15	31.00	7.2X	
			e	28	52.90		ALJ	16.49	283	iP	08	09.00	7.8X		1.5s	22.00nm			5.1mb		
EGRA	13.93	308	eP	07	20.50	-7.2X	KIS	16.57	37	eP	08	07.00	5.0X	ILT	77.45	5	eP	16	16.00	11.2X	
EPF	13.94	312	Pn	07	28.80	0.8	CLL	16.86	357	iPc	08	06.60	1.0	STKA	136.07	102	ePKP	23	37.70	6.3X	
ISR	14.10	37	ePd	07	22.20	-7.9X		1.7s	60.00nm			4.4mb				eP		23	47.60		
CAF	14.13	321	Pn	07	30.80	0.3	DOU	17.21	338	Pc	08	09.80	-0.3			i		24	07.50		
GYN	14.17	61	eP	07	39.60	8.5X		1.0s	22.20nm			4.2mb				e		29	44.30		
EVIA	14.27	292	eP	07	31.00	-1.4	ENN	17.43	342	eP	08	14.00	1.2	CMS	139.38	100	ePKP	23	53.00	15.4X	
GEC2	14.37	358	ePnd	07	33.80	0.2		0.9s	8.00nm			3.8mb			S.D. = 1.2	on 144 of 224 obs.					
	0.9s	4.84nm			4.2mb		EVAL	17.45	286	eP	08	12.80	-0.4								
			e	07	38.70		MMR	17.48	89	eP	08	15.60	1.9	? SEP	29	1992	15h	09m	52.19±5.20s		
			e	07	43.30		JVI	17.65	92	eP	08	17.20	1.5		19.590	S ±14.1km	176.751	W ±25.4km			
			e	07	48.80		LDF	17.80	327	Pn	08	21.10	3.7X		DEPTH =	390.5 ± 44.6 km					
CVO	14.41	35	eP	07	21.00	-13.2X	KSHT	17.82	89	eP	08	20.70	2.8X		4.8mb (15 obs.)						
LPO	14.44	319	Pn	07	36.70	2.2	LPH	17.83	324	Pn	08	18.40	0.6	FIJI ISLANDS REGION					(181)		
BSF	14.53	339	Pn	07	35.70	-0.1	GRR	17.99	325	Pn	08	19.40	-0.4	BKM	14.35	275	iPd	13	00.60	0.1	
ETOR	14.54	301	eP	07	44.00	8.0X	FLN	18.09	327	Pn	08	21.00	0.0	DZM	15.90	258	iPd	13	17.10	0.2	
SMF	14.58	330	Pn	07	39.20	2.9X	HOL	18.21	101	eP	08	30.67	8.0X	BRS	28.95	249	iPc	15	20.00	0.6	
KHC	14.66	358	eP	07	35.00	-2.4X	AVE	18.22	272	eP	08	22.50	-0.2		0.9s	11.00nm			4.2mb		
			Z	18s	1.70um				i		14	43.50		ARMA	30.52	243	iPc	15	34.20	1.0	
			N	18s	1.20um		SIM	18.33	49	eP	08	28.00	4.0X		0.5s	18.00nm			4.7mb		
			E	18s	1.20um			Z	20s	0.50um				RMQ	32.41	251	iPd	15	50.10	0.8	
			e	07	38.00		WTS	18.36	345	eP	08	25.50	1.2		0.7s	45.00nm			4.9mb		
			e	07	54.00			0.9s	29.00nm			4.4mb				iPcP		18	27.40		
RJF	14.68	321	Pn	07	41.50	3.9X			e		08	49.50		CAN	33.99	235	eP	16	02.60	0.0	
WET	14.70	356	iPc	07	38.70	0.7	TIO	18.63	265	iP	08	30.00	2.0	BWA	34.18	237	eP	16	02.60	-1.6	

STKA	0.4s	19.00nm	-	4.8mb	CGP	8.65	4 ePc	18 56.00	7.2X	TQO	42.07	154 eP	24 46.00	13.2X
ASPA	39.24	243 iPc	16 47.50	1.4	BIP	8.67	14 ePd	18 53.50	4.4X	HHC	42.45	346 eP	24 35.60	-0.4
	45.88	256 iPd	17 39.50	0.2						BTO	42.61	344 eP	24 38.40	1.0
WB2	0.7s	259.60nm		5.7mb	KKM	10.05	309 ePc	19 16.30	8.2X	LSA	43.28	316 Pc	24 44.80	1.5
	0.6s	53.80nm		5.0mb		0.3s	168.10nm		6.7mb X	CN2	0.9s	7.00nm		4.4mb X
FORT	50.73	246 eP	18 15.70	-0.4	PLP	11.36	4 ePd	19 33.70	7.8X		43.86	1 eP	24 48.70	1.5
KNA	51.88	265 eP	18 24.00	-0.6	KNA	16.09	164 eP	20 29.00	0.8	MDJ	0.6s	7.90nm		4.7mb
WARB	52.23	252 eP	18 26.50	-0.6	PIP	18.76	350 ePc	21 03.50	2.1		44.92	6 Pc	24 55.50	-0.3
MBL	59.11	257 eP	19 15.10	-0.5	WWKK	19.79	100 eP	21 11.70	-1.5	GTA	1.1s	76.00nm		5.5mb
	0.4s	14.00nm		4.7mb	MBL	21.21	191 eP	21 28.00	0.2		45.29	333 Pc	24 59.50	0.5
MEEK	59.33	250 eP	19 16.00	-1.0	WRA	22.01	153 P	21 35.20	-0.6	Z	1.0s	140.00nm		5.8mb
KLB	59.50	244 eP	19 17.70	-0.4	WB2	22.01	153 eP	21 35.50	-0.3	E	12s	0.36um		4.5MsZ
BAL	60.50	245 eP	19 24.30	-0.5		0.6s	77.30nm		5.3mb		10s	0.64um		
MUN	60.78	244 eP	19 26.30	-0.3	NANU	23.71	200 eP	21 54.00	1.6			pP	25 14.50	58kmX
MRWA	61.28	247 eP	19 29.70	-0.3		0.4s	19.00nm		5.0mb	GUN	46.11	311 P		0.6
NANU	62.77	254 eP	19 40.00	0.2	QIZ	23.72	325 Pd	21 55.20	2.7X		0.6s	155.00nm		6.1mb
PGP	69.57	293 ePc	20 09.50	-12.8X	LAT	23.72	106 eP	21 54.70	2.1	PKI	46.29	310 P	25 07.48	0.1
TGY	69.86	294 eP	20 17.00	-7.0X	HKC	24.40	337 iP	22 03.00	3.9X	KKN	46.50	310 P	25 09.04	0.2
SPA	70.53	180 iPd	20 26.60	-0.9	PMG	24.69	112 eP	22 01.00	-1.0		0.6s	77.00nm		5.8mb
	0.7s	11.33nm		4.6mb	PJG	24.73	55 eP	22 03.50	1.1	DMN	46.54	310 P	25 09.78	0.5
CVP	70.79	298 eP	20 47.60	18.1X	GUA	24.74	56 eP	22 02.50	0.0		0.7s	85.00nm		5.8mb
KGM	81.19	275 eP	21 28.00	0.8	ASPA	0.5s	197.18nm		5.9mb	KUSJ	46.93	21 eP	25 12.00	0.3
CN2	82.31	322 eP	21 30.00	-2.2		25.16	158 eP	22 06.60	0.2	GKN	47.10	310 P	25 13.68	0.1
MAW	82.81	199 iPd	21 35.00	0.5		1.2s	17.00nm		4.5mb		0.7s	103.00nm		5.9mb
IPM	84.22	277 ePd	21 45.00	2.5	QZH	25.59	348 eP	22 12.00	1.6	ASAJ	47.15	18 eP	25 13.50	0.0
	0.8s	30.70nm		5.1mb	WARB	25.91	175 eP	22 13.00	-0.4	KOD	47.54	284 eP	25 16.00	-1.3
XAN	88.52	307 Pc	22 03.20	0.3	NNT	27.33	299 eP	22 28.80	2.3	HYB	48.14	294 ePc	25 20.60	-1.1
	1.0s	11.00nm		4.7mb	LOE	28.15	310 iPd	22 35.60	1.7		1.0s	90.00nm		5.8mb
HHC	89.56	314 eP	22 08.00	0.4	NST	28.46	305 eP	22 40.50	3.8X	GBA	48.22	288 P	25 21.00	-1.3
	1.2s	24.00nm		4.9mb	BDT	30.21	306 iPd	22 52.30	-0.1	YSS	49.80	17 iPd	25 33.90	0.0
NB2	138.21	354 PKP	28 30.50	-2.2X		1.0s	95.20nm		5.5mb		1.0s	20.00nm		5.1mb
	0.6s	0.80nm			SSE	31.28	355 P	23 02.00	0.4	POO	52.75	294 iPc	25 56.00	-0.8
KSP	147.15	345 iPKPd	28 48.50	0.2		1.5s	46.00nm		5.1mb	CIT	52.79	352 eP	25 56.50	-0.1
CLL	147.43	349 iPKP	28 48.90	0.2	GYA	31.41	329 iPd	23 05.00	2.0			e	27 06.00	328kmX
	1.5s	31.00nm		29 50.00		0.8s	44.00nm		5.3mb	ZAK	53.47	344 iPc	26 02.00	0.5
BRG	147.65	347 ePKP	28 49.80	0.7			PcP	25 55.80			1.2s	40.00nm		5.3mb
HRI	148.02	302 ePKP	28 53.90	3.5X	KAGJ	31.90	11 P	23 06.80	-0.3	WMO	54.57	328 P	26 10.00	0.2
JVI	148.71	300 ePKP	28 55.50	4.1X	WHN	31.98	344 Pc	23 10.00	2.2		1.2s	100.00nm		5.7mb
SAGI	149.70	297 ePKP	28 57.70	4.7X		0.7s	67.00nm		5.6mb	Z	16s	0.31um		4.5MsZ
FLN	150.74	5 ePKP	28 56.50	2.6X	NJ2	32.49	352 Pc	23 13.20	1.0			pP	26 18.00	26kmX
CDF	151.06	354 ePKP	28 58.00	3.5X		1.4s	45.00nm		5.1mb	IRK	54.90	345 ePc	26 11.30	-0.8
GRR	151.08	6 ePKP	28 57.40	3.0X	KMI	32.60	322 Pc	23 16.00	2.5		1.3s	35.00nm		5.2mb
LPF	151.42	6 ePKP	28 58.30	3.4X		1.8s	60.00nm		5.2mb	MOY	55.29	343 ePc	26 14.10	-0.7
HAU	151.54	356 ePKP	28 59.00	3.9X	KUMJ	33.21	10 P	23 18.00	-0.4		1.0s	90.00nm		5.8mb
	0.5s	5.85nm			SHNJ	34.80	10 eP	23 31.20	-1.0	UER	57.50	338 eP	26 28.00	-2.6
BSF	151.68	355 ePKP	28 59.10	3.6X	CD2	36.51	330 iPc	23 47.30	0.6		1.3s	72.00nm		5.6mb
	0.6s	3.80nm				1.2s	83.00nm		5.5mb	BOD	58.45	354 iPc	26 35.90	-1.2
LOR	152.39	359 ePKP	29 00.90	4.5X	TIA	36.84	351 Pd	23 49.00	-0.4		1.1s	108.00nm		5.9mb
	0.7s	3.75nm				1.2s	150.00nm		5.8mb	KSH	59.05	318 P	26 42.90	1.0
SSF	152.60	360 ePKP	29 01.40	4.8X	XAN	36.95	339 P	23 49.80	-0.6		1.0s	100.00nm		5.9mb
LBF	152.67	359 ePKP	29 01.30	4.5X		1.0s	120.00nm		5.7mb	UKR	60.92	333 iPd	26 52.00	-2.2
TCF	153.36	2 ePKP	29 02.60	4.8X	TSRJ	37.27	16 eP	23 53.30	0.3		1.0s	130.00nm		6.0mb
	S.D. = 1.0 on 34 of 51 obs.				CHJJ	38.67	19 P	24 06.10	1.3	YAK	62.24	3 iPc	27 02.00	-0.9
SEP	29, 1992	15h 16m 43.11 ± 0.26s			MTMJ	38.78	18 P	24 05.30	-0.5			e	27 48.00	198kmX
	0.234 S ± 4.6km	124.104 E ± 6.0km			DL2	39.02	357 P	24 09.50	1.9			iS	35 19.00	
DEPTH =	40.0km	(4 depth phases)				1.0s	66.00nm		5.4mb	MGD	63.63	15 eP	27 11.50	-0.7
5.5mb (46 obs.)	4.2MsZ (2 obs.)				KAKJ	39.21	21 eP	24 07.80	-1.5			e	27 22.00	34km
SOUTHERN-MOLUCCA SEA	(269)				TIY	39.27	345 eP	24 11.40	1.6			e	27 47.00	
CENTROID, MOMENT TENSOR	(HRV)					0.9s	170.00nm		5.8mb			e	37 00.00	
Data Used: GDSN					Z	18s	0.37um		4.3MsZ	MAIO	69.88	309 iPc	27 51.00	-1.3
L.P.B.: 15S, 16C						39.75	19 eP	24 14.10	0.3	TIK	71.82	2 iPc	28 01.00	-2.2
Centroid Location:					ARMA	39.82	141 eP	24 14.70	0.2		1.0s	76.00nm		5.6mb
Origin Time	15:16:47.8	0.8			BJI	40.73	351 eP	24 21.00	-0.7			eP	28 28.00	106kmX
Lat	0.22S	FIX;Lon	124.11E	FIX		1.0s	130.00nm		5.6mb			iS	37 10.50	
Dep	72.311.9	Half-duration	1.0			18s	0.30um		4.2MsZ	NRI	73.59	347 iPc	28 11.60	-2.1
Moment Tensor:	Scale	10**16 Nm					PcP	26 22.00			1.0s	50.00nm		5.4mb
Mrr=	2.00	0.41	Mtt=	0.27	0.45		ScP	30 04.00		SVE	75.98	330 iPc	28 26.80	-0.8
Mff=	-2.26	0.76	Mrt=	3.48	0.64		eS	30 32.00			1.0s	180.00nm		6.0mb
Mrf=	1.57	1.00	Mtf=	5.05	0.58		PcP	26 24.00		ARU	76.87	329 iPc	28 30.70	-1.9
Principal Axes:							PcS	30 13.50		ILT	78.39	19 iPd	28 41.00	0.2
T Val=	6.99	Pig=36	Azm=325				PP	25 59.00			1.0s	30.00nm		5.3mb
N	-0.68	53	130				PcP	26 24.00		BRW	86.74	18 (P)	29 24.66	0.8
P	-6.32	7	229				PcS	30 13.50		IMA	87.05	24 iPc	29 25.24	-0.4
Best Double Couple:Mo=6.7*10**16											0.8s	4.70nm		4.8mb
NP1:Strike=	1	Dip=59	Slip=	158						MOS	88.20	326 eP	29 31.00	-0.2
NP2:	103	71	33								2.0s	1.00nm		3.8mb X
AAI	5.34	130 iPc	18 04.00	1.6	BWA	40.92	149 eP	24 35.90	12.4X					
		iS	19 00.00				i	24 48.70	48km					
MKS	6.78	223 iPd	19 01.00	38.3X	SNY	41.87	359 iPc	24 31.00	0.0					
TSM	7.68	306 iPc	18 43.10	7.7X	CAN	41.92	149 eP	24 32.30	0.7					
	0.2s	558.30nm		7.2mb X			e	24 43.10	38km					

29d 15h

OBN 88.76 325 eP 29 32.00 -1.8
 TOA 90.08 28 eP 29 40.80 0.8
 APA 90.51 337 iPd 29 40.10 -1.7
 BALM 91.93 29 eP 29 48.63 0.0
 KEV 92.68 340 eP 29 50.00 -1.8
 KAF 93.86 332 iP 29 55.50 -1.8
 0.6s 7.80nm 5.3mb
 NUR 94.86 331 eP 29 59.40 -2.6X
 0.6s 3.50nm 5.0mb
 HFS 100.26 332 ePdiff30 24.00 -2.4X
 0.5s 3.40nm 5.1mb
 DAG 100.81 352 ePdiff30 27.20 -1.4
 NB2 101.12 333 Pdiff 30 28.00 -2.3X
 0.8s 4.60nm 5.1mb
 GEC2 103.49 320 ePdiff30 40.70 -0.6
 1.1s 2.02nm 4.8mb
 RSSD 118.91 38 ePKP 35 27.82 -1.7
 MDZ 144.87 161 i(PKP)36 17.30 -0.9
 CNCB 159.29 145 PKP 36 41.60 1.7
 LPB 159.45 145 ePKP 36 41.00 1.1
 ZOBO 159.62 144 PKP 36 41.10 0.7
 S.D. = 1.2 on 92 of 106 obs.

? SEP 29, 1992 15h 32m 57.02±2.66s
 60.522 N ±11.3km 4.741 E ±22.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.4 (BER). ML 1.2 (NAO).

ASK 0.23 100 eP 33 01.36 -0.5
 EGD 0.35 136 eP 33 04.42 0.2
 SUE 0.54 1 eP 33 07.65 -0.2
 0.5s 33 15.07
 HYA 0.96 47 eP 33 15.76 0.5
 0.5s 33 28.76
 NRA0 3.36 83 Pg 33 54.17 3.6X
 0.5s 34 41.45
 S.D. = 0.8 on 4 of 5 obs.

% SEP 29, 1992 15h 41m 32.47±2.94s
 33.818 S ±11.9km 70.925 W ±8.2km
 DEPTH = 69.5 ±28.9 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

TACH 0.16 356 iP+ 41 43.22 0.1
 0.1s 41 51.84
 CHCH 0.25 117 iPd 41 43.28 -0.2
 0.1s 41 52.18
 PCH 0.39 60 iPd 41 44.50 -0.1
 0.1s 41 54.08
 CACH 0.40 138 iP+ 41 44.95 0.3
 0.1s 41 55.13
 LNV 0.43 251 iPd 41 44.67 0.0
 0.1s 41 54.40
 LCCH 0.64 302 iP+ 41 46.71 -0.1
 0.1s 41 58.08
 PEL 0.70 17 iPd 41 47.92 0.3
 0.1s 41 59.73
 FCH 0.72 47 iPd 41 47.97 -0.2
 0.1s 42 00.64
 ROCH 0.85 355 iPd 41 49.58 0.1
 0.1s 42 02.76
 JACH 1.17 14 iPd 41 53.37 -0.1
 0.1s 42 09.50
 S.D. = 0.2 on 10 of 10 obs.

% SEP 29, 1992 15h 53m 15.84±0.98s
 39.063 N ±7.5km 27.566 E ±12.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.71 200 iPg 53 29.80 0.0
 0.1s 53 41.80
 EZN 1.23 309 ePn 53 38.60 0.0
 EDC 1.30 10 ePn 53 39.50 -0.4
 BNT 1.32 12 iPn 53 40.80 0.6
 KCT 1.33 27 iPn 53 40.30 -0.1
 S.D. = 0.5 on 5 of 5 obs.

* SEP 29, 1992 16h 35m 04.06±0.88s
 1.163 N ±11.6km 129.255 E ±21.5km
 DEPTH = 33.0km (normal)
 4.6mb (4 obs.)
 HALMAHERA, INDONESIA (267)

AAI 4.93 192 eP 36 18.00 0.2

WB2 21.56 167 iPd 39 52.70 -0.3
 0.6s 7.60nm 4.3mb
 ASPA 25.09 170 eP 40 27.50 0.1
 0.6s 8.60nm 4.5mb
 RMO 33.31 147 eP 41 40.90 -0.2
 STKA 34.88 161 iPd 41 54.10 -0.5
 ARMA 37.96 148 eP 42 21.40 0.7
 0.8s 19.00nm 5.0mb
 LZH 41.98 329 eP 42 54.00 0.0
 1.5s 27.00nm 4.8mb
 S.D. = 0.5 on 7 of 7 obs.

* SEP 29, 1992 17h 09m 15.84±1.77s
 33.650 S ±8.8km 70.897 W ±8.4km
 DEPTH = 47.3 ±23.8 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

TACH 0.03 264 iP+ 09 24.11 0.7
 0.1s 09 32.46
 PCH 0.32 85 iP 09 24.69 -0.4
 0.1s 09 33.69
 CHCH 0.35 144 iP+ 09 24.16 -1.2
 0.1s 09 32.85
 LNV 0.53 234 iP+ 09 26.36 -0.9
 CACH 0.53 152 (P) 09 29.16 1.7
 0.1s 09 36.58
 PEL 0.54 19 iP+ 09 27.92 0.4
 0.1s 09 39.12
 LCCH 0.59 287 iP+ 09 28.09 0.0
 0.1s 09 40.12
 FCH 0.60 58 iP 09 27.99 -0.6
 0.1s 09 39.69
 ROCH 0.68 352 iP+ 09 29.87 0.3
 0.1s 09 42.38
 JACH 1.00 15 iP 09 33.70 -0.1
 0.1s 09 48.79
 S.D. = 1.0 on 10 of 10 obs.

? SEP 29, 1992 17h 58m 27.64±1.37s
 13.851 N ±21.8km 90.984 W ±12.2km
 DEPTH = 33.0km (normal)
 4.3mb (6 obs.)
 NEAR COAST OF GUATEMALA (71)

TPX 1.62 310 iP 58 52.50 -1.8
 0.1s 59 14.00
 SCX 3.28 331 (P) 59 22.00 4.1X
 OXX 6.40 301 (P) 00 01.00 -1.3
 0.1s 01 17.00
 IISM 7.98 311 (P) 00 27.50 3.2X
 IIT 8.71 307 (P) 00 36.50 1.9
 UYO 20.47 352 iPd 03 04.40 -0.9
 OLY 21.56 359 eP 03 18.26 1.9
 ALQ 25.22 329 ePc 03 53.18 0.9
 0.6s 4.21nm 4.2mb
 TUC 25.79 319 ePc 03 58.39 0.9
 0.9s 8.81nm 4.4mb
 GOL 28.69 336 (P) 04 24.11 0.0
 0.4s 1.44nm 4.0mb
 PLM 30.50 314 eP 04 40.91 0.7
 MSU 30.91 326 eP 04 43.95 0.1
 ARUT 31.09 324 ePd 04 46.19 0.8
 0.1s 07 54.59
 DAU 31.86 330 ePd 04 52.40 0.1
 TPNV 32.21 320 (P) 04 55.69 0.5
 0.5s 1.54nm 4.2mb
 HRV 33.12 27 (P) 05 01.94 -0.9
 0.6s 6.35nm 4.7mb
 HVU 33.65 330 eP 05 07.52 -0.1
 BONR 34.12 320 eP 05 12.81 0.9
 LRM 36.66 335 eP 05 33.60 0.2
 LBFM 38.37 321 eP 05 47.28 -0.5
 VGB 40.38 327 eP 06 04.90 0.8
 DPW 40.76 332 eP 06 07.35 0.1
 LON 41.73 328 eP 06 15.00 -0.2
 KLU 61.55 333 eP 08 42.60 -1.2
 SLKM 63.09 332 (P) 08 52.07 -1.9
 FBA 63.77 337 eP 08 56.54 -1.9
 0.7s 2.69nm 4.5mb
 CHG 146.10 343 ePKP 18 05.90 0.0
 HYB 147.26 19 ePKP 18 09.00 1.2
 GBA 150.41 23 PKP 18 17.00 4.3X
 S.D. = 1.1 on 26 of 29 obs.

* SEP 29, 1992 18h 15m 24.21±0.40s
 27.405 S ±9.6km 63.279 W ±12.5km

DEPTH = 572.2 ±12.9 km
 SANTIAGO DEL ESTERO PROV., ARG. (132)

CYA 2.45 244 iPc 16 38.00 -0.6
 RTPR 4.05 224 iPc 16 47.50 -1.0
 TCA 4.08 196 ePc 16 48.50 -0.4
 RTLL 5.98 228 iPc 17 05.00 0.5
 CFA 6.02 225 ePc 17 05.20 0.5
 TLL 7.15 246 iP 17 15.30 -0.2
 MDZ 7.28 220 i(P) 17 17.50 1.0
 ANT 7.42 298 eP 17 23.40 5.7X
 ITB1 8.46 73 (P)d 17 31.00 3.3X
 ITB7 8.48 76 e(P) 17 32.00 4.0X
 ITH 8.56 74 (P)d 17 32.50 3.8X
 PEL 8.58 226 iPc 17 29.20 0.2
 CNCB 11.41 337 Pd 17 58.00 0.3
 0.1s 20 02.00
 LPB 11.70 337 eP 18 05.00 4.5X
 ZOBO 11.94 337 P 18 02.80 -0.4
 0.1s 20 10.00
 BAO 18.40 54 Pc 19 06.00 0.3
 0.1s 19 07.20
 0.1s 19 22.90
 BDF 18.45 54 Pd 19 07.50 1.4
 PDCR 27.02 62 (P) 20 33.00 9.7X
 LIC 65.43 68 P 25 12.40 -0.8
 TIC 65.67 68 P 25 14.40 -0.3
 KIC 65.74 68 P 25 14.60 -0.5
 S.D. = 0.7 on 15 of 21 obs.

% SEP 29, 1992 18h 21m 32.41±1.37s
 39.738 N ±9.5km 26.376 E ±11.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

EZN 0.10 336 iPg 21 34.20 -0.9
 MFT 1.26 33 ePg 21 55.70 -0.1
 EDC 1.29 61 ePn 21 57.00 0.6
 BNT 1.34 62 iPn 21 56.20 -0.9
 IZM 1.51 152 iPn 21 59.90 0.4
 KCT 1.61 71 ePn 21 59.70 -1.2
 DMK 2.33 26 ePn 22 13.00 1.6
 S.D. = 1.2 on 7 of 7 obs.

? SEP 29, 1992 18h 35m 03.49±1.55s
 6.843 N ±26.3km 73.016 W ±33.9km
 DEPTH = 168.3 ±13.3 km
 NORTHERN COLOMBIA (99)

BMG 0.23 345 iPc 35 27.00 -0.6
 FUO 1.54 208 iP 35 34.00 -1.6
 BOG 2.44 205 iP 35 47.00 1.4
 0.1s 36 17.00
 SDV 3.11 49 iPnd 35 55.30 1.6
 0.1s 36 32.90
 TOV 4.33 47 ePn 36 11.10 1.9
 0.1s 36 00.00
 CEOS 5.12 65 iPc 36 19.40 -0.3
 0.1s 37 44.00
 MORO 6.13 49 eP 36 32.10 -1.0
 0.1s 37 44.00
 GUAN 7.92 66 iP 36 55.60 -1.3
 0.1s 38 24.10
 ZOBO 23.48 168 P 40 00.00 0.1
 LPB 23.73 168 eP 40 05.00 3.0X
 CNCB 24.02 168 P 40 06.00 1.0
 LIC 67.50 86 P 45 43.20 -0.7
 KIC 67.77 86 P 45 45.20 -0.4
 ASPA 149.21 234 ePKP 54 34.30 4.5X
 WB2 150.43 241 iPKPd 54 37.60 5.9X
 0.4s 5.80nm
 S.D. = 1.4 on 12 of 15 obs.

* SEP 29, 1992 18h 43m 25.65±1.03s
 40.024 N ±8.8km 142.654 E ±16.0km
 DEPTH = 33.0km (normal)
 4.1mb (2 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 1.21 219 P 43 46.40 0.1
 0.1s 44 01.10
 AOMJ 1.82 288 P 43 55.20 0.0
 0.1s 44 17.30
 HOOJ 2.40 11 eP 44 05.00 1.5
 0.1s 44 33.10
 MRRJ 2.68 334 eP 44 07.80 0.5
 0.1s 44 38.00

YAMJ	2.75	229	P	44	09.50	1.1	MZX	4.78	323	iP	16	55.00	-1.1	-		epP	21	14.82	110kmX	
			eS	44	43.60					iS	17	35.00		HBF	24.52	52	(P)	20	55.45	-1.6
KUSJ	3.44	26	P	44	17.90	-0.2	IISM	5.60	93	(P)	17	11.87	4.3X	SGS	24.54	51	ePd	20	57.22	0.0
			eS	44	56.30		OXX	6.65	109	iP	17	24.50	2.3			pP	21	19.20	102km	
NIIJ	3.99	227	P	44	27.90	1.9				(S)	19	02.00				sP	21	27.80		
ASAJ	4.09	360	eP	44	29.20	1.8	TUC	14.51	334	ePc	19	09.72	2.6X	JSC	24.54	48	ePc	20	56.64	-0.6
KAKJ	4.29	208	P	44	29.30	-0.9		1.0s	61.25nm				4.8mb			(pP)	21	17.91	98km	
CHJJ	4.91	217	P	44	40.10	1.0	ALO	15.74	350	ePc	19	26.74	3.9X	PTI	24.62	344	(P)	20	58.45	0.2
GUN	47.88	274	P	52	01.20	-1.8		1.6s	340.85nm				5.3mb			(pP)	21	19.21	95km	
KKN	48.40	274	P	52	06.00	-0.8	FNO	16.63	17	iPd	19	36.40	2.6X	LHS	24.96	48	ePc	21	02.68	1.4
GKN	48.79	274	P	52	08.60	-1.1	UYO	16.67	26	iPc	19	34.20	-0.1			pP	21	24.02	98km	
HFS	71.77	336	eP	54	44.50	-1.7	GLA	17.07	325	eP	19	39.64	0.4			sP	21	33.44		
	0.4s	1.10nm			4.2mb		MIAR	17.38	28	eP	19	43.68	0.7	HHA1	25.02	344	eP	21	02.43	0.5
N82	71.81	337	P	54	45.10	-1.4		1.0s	137.43nm				5.1mb			pP	21	23.58	97km	
	0.7s	1.30nm			4.0mb		PCO	18.10	17	iPc	19	52.60	0.8	NTYM	25.32	322	eP	21	04.57	0.1
S.D. = 1.4 on 15 of 15 obs.							PEC	19.00	322	eP	20	02.39	0.3			pP	21	27.31	105kmX	
								1.3s	26.76nm				4.4mb	ORV	25.50	326	iPc	21	07.26	1.1
? SEP 29, 1992 18h 48m 12.84 ± 4.67s										eP	20	21.78		JFWS	25.90	22	ePc	21	09.36	-0.5
32.703 S ± 25.9km 71.600 W ± 24.6km							OLY	19.14	31	iPc	20	03.56	0.1			56.50nm			5.3mb	
DEPTH = 10.0km (geophysicist)										e	20	24.71	113kmX			pP	21	28.11	83kmX	
NEAR COAST OF CENTRAL CHILE (135)							SSK	19.53	322	eP	20	07.89	0.0			ePcP	21	36.41		
MD 3.6 (SAN).										eP	20	28.12	115kmX	BLA	26.72	44	eP	21	16.81	-0.7
							GSC	19.84	326	eP	20	10.50	-0.5		0.6s	4.94nm			4.2mb	
										iP	20	31.22	114kmX			pP	21	38.58	98km	
							GOL	20.31	355	eP	20	16.98	1.0	CEH	26.89	47	(P)	21	18.76	-0.3
								1.0s	56.44nm				4.9mb		0.6s	14.67nm			4.7mb	
										eS	20	49.13				pP	21	39.99	95km	
ROCH	0.56	119	iPd	48	24.89	0.5				ePc	20	16.98	0.7	LBFM	27.02	328	ePc	21	19.83	-0.5
			iS	48	34.74					eP	20	37.65	107kmX			pP	21	41.26	96km	
LCCH	0.77	178	iP	48	26.92	-0.9				eP	20	19.47	1.0			sP	21	52.70		
			iS	48	39.59		ARUT	20.35	336	ePc	20	38.80	95km			ePcP	24	39.27		
JACH	0.85	89	iPd	48	28.81	-0.5				eP	20	50.89		LRM	27.42	346	ePc	21	24.00	0.0
			iS	48	42.24					sP	20	58.89				e	21	45.40	96km	
PEL	0.89	120	iP+	48	30.06	0.2				ePc	20	19.56	0.5			e	24	41.10		
			iS	48	44.10		SRU	20.62	344	eP	20	41.32	111kmX			eP	21	54.02	-0.6	
TACH	1.10	150	iP+	48	32.96	-0.5				pP	20	22.59	1.2	DPW	30.88	340	(pP)	22	15.51	94km
FCH	1.26	120	iP+	48	35.96	-0.6				eP	20	42.33	95km			ePcP	24	48.71		
			iS	48	54.56					eP	20	21.92	0.1	NEW	30.90	342	eP	21	56.00	1.3
PCH	1.29	135	iPd	48	36.36	-0.5				pP	20	40.59	89km		0.8s	12.50nm			4.7mb	
			iS	48	56.10		ABL	20.88	321	ePc	20	22.98	0.0			epP	22	17.00	92km	
CHCH	1.46	147	iP	48	39.94	0.6				pP	20	48.59	89km			eP	21	57.07	-0.5	
			iS	49	01.70		ISA	21.02	324	ePc	20	45.66	114kmX			iPcP	24	49.30		
CACH	1.64	150	iP+	48	43.66	1.7		1.3s	48.67nm				4.7mb			pP	22	00.10	1.6	
			iS	49	08.09					(pP)	20	28.27	1.8	ULM	31.34	9	ePc	22	00.00	-0.3
S.D. = 1.0 on 9 of 9 obs.										eP	20	49.13	100km	SES	31.54	350	eP	22	00.00	
SEP 29, 1992 19h 15m 45.15 ± 0.23s							EMUT	21.35	344	eP	20	29.57	0.5			pP	22	21.00	92km	
19.399 N ± 4.2km 103.288 W ± 3.7km										pP	20	29.26	0.2	GMW	32.26	335	eP	22	05.90	-0.7
DEPTH = 95.0km (38 depth phases)							BCH	21.63	320	eP	20	29.40	0.3			pP	22	27.79	96km	
5.0mb (50 obs.)							FVM	21.64	28	ePc	20	34.53	1.2	MCW	33.20	336	eP	22	14.68	-0.1
JALISCO, MEXICO (524)										pP	20	54.71	95km			iPcP	24	55.35		
CENTROID, MOMENT TENSOR (HRV)							ELC	21.65	32	eP	20	56.04	96km	SDV	33.28	104	iPc	22	17.40	1.4
Data Used: GDSN							DAU	22.03	344	ePc	20	57.36	96km	EEO	33.65	31	ePd	22	20.60	1.9
L.P.B.: 20S, 26C										pP	20	35.56	0.6			pP	22	43.00	98km	
Centroid Location:							TNP	22.22	330	eP	20	56.04	96km	TOV	33.73	102	iPc	22	21.20	1.4
Origin Time 19:15:47.9 0.6								0.8s	9.04nm				4.2mb	APR	34.56	85	P	22	24.50	-2.2
Lat 19.06N 0.06 Lon 103.93W 0.09										eP	20	56.04	96km	RSNY	34.66	37	eP	22	26.37	-1.0
Dep 94.8 4.3 Half-duration 1.0										(P)	20	38.22	3.2X		0.9s	17.99nm			5.0mb	
Moment Tensor: Scale 10**16 Nm							PKEM	22.24	322	eP	20	36.86	1.7			iP	22	48.54	97km	
Mrr= 0.88 0.38 Mtt= 0.86 0.69							PHAM	22.26	321	eP	20	57.36	96km			esP	22	57.95		
Mff=-1.74 0.85 Mrt= 8.79 0.33										pP	20	57.36	96km			ePP	23	42.17		
Mrf=-4.12 0.51 Mtf= 2.74 0.54							DUG	22.28	340	eP	20	36.97	1.4			iPcP	24	59.43		
Principal Axes:								1.2s	46.47nm				4.7mb			pP	20	57.67	97km	
T Vol= 9.75 P1g=46 Azm= 8										pP	20	44.12	0.6	PORP	34.70	86	P	22	27.00	-0.9
N 0.84 16 115							PRI	22.62	321	iPc	20	40.26	1.4			eP	23	13.50	2.7X	
P -10.59 40 218							BONR	22.64	328	eP	20	41.25	2.0			eP	23	12.30	-0.7	
Best Double Couple: Mo=1.0*10**17										ePcP	24	30.19				eP	23	11.20	-2.2X	
NP1: Strike= 12 Dip=16 Slip= 167							FRI	22.67	324	iPc	20	39.88	0.7			eP	23	12.60	-1.8	
NP2: 114 87 74							MEMM	22.75	326	eP	20	42.15	2.2			eP	23	14.10	-0.7	
										pP	21	02.45	94km	JAO	40.35	25	iPc	23	16.00	92km
CGX	0.34	332	iP	15	58.93	-0.9	LLA	23.11	322	iPc	20	44.12	0.6			pP	23	17.95	0.4	
CGX	0.34	332	iP	15	59.00	-0.8				eP	21	04.98	96km	GRW	40.62	94	eP	23	18.04	-0.3
			iS	16	18.00		PRS	23.17	320	iPc	20	45.20	1.1	SVB	40.72	92	eP	23	25.00	3.2X
MNZ	1.04	251	(P)	16	00.00	-6.0X	GBTN	23.36	42	iPc	20	46.11	0.3	LMN	41.19	41	eP	23	26.50	90km
			(S)	16	20.00					sP	21	16.48				pP	23	46.50	-1.4	
GUM	1.27	358	(P)	16	07.50	-1.4				ePc	20	49.89	3.4X			eP	23	24.56	-1.4	
			(S)	16	26.80		KVN	23.40	330	eP	21	09.02	86km	PIG	41.67	95	eP	23	22.06	-4.0X
PIM	1.74	130	(P)	16	23.50	8.9X	PRM	23.66	48	eP	20	49.11	0.3	TPR	41.72	95	eP	23	24.16	-2.4X
			(S)	17	01.00					pP	21	11.66	97km	ARE	47.41	137	eP	24	14.00	1.6
MRX	2.00	81	iP	16	21.50	3.5X	HVU	23.72	342	iPc	20	50.54	1.0	ZOBO	49.52	133	P	24	29.10	0.0
			iS	17	03.00					iP	21	11.66	97km		Z	20s	0.12um		3.9msz	
AGX	2.63	20	iP	16	30.50	3.9X	CMB	23.79	325	eP	20	50.74	0.6			LR	39	04.00		
			iS	17	06.00			1.3s	13.54nm				4.2mb	LPB	49.72	134	P	24	31.70	1.4
UNM	3.88	90	iP	16	47.00	3.1X				eP	21	11.93	97km	CNCB	49.99	134	P	24	33.40	0.8
			(S)	17	45.00		BW06	23.90	349	iPc	20	51.20	-0.2			eP	24	42.72	0.0	
ACX																				

29d 19h

CCH	51.65	133	eP	24	42.00	-2.9X	0.8s	7.95nm	4.8mb	PEL	1.54	6	iPd	46	55.34	0.2								
TOA	51.93	336	eP	24	47.20	1.1	86.90	41 eP	28 19.40	-1.1			iS	47	17.55									
SLKM	52.71	333	ePc	24	51.19	-0.7	1.3s	14.80nm	4.9mb	ROCH	1.71	357	iP	46	57.61	0.2								
			pP	25	14.14	94km	87.01	41 iPc	28 20.40	-0.7			iS	47	22.06									
			ePcP	25	59.66		0.8s	11.80nm	5.0mb	JACH	2.01	7	iPd	47	01.06	-0.2								
PMR	52.81	334	eP	24	50.81	-1.8	87.20	41 iPc	28 21.00	-1.1	S.D. = 0.1 on 10 of 10 obs.													
	0.8s	23.44nm			5.3mb		1.0s	10.40nm	4.8mb															
SPU	53.82	333	eP	24	59.29	-0.8	87.24	51 eP	28 22.50	0.1	% SEP 29, 1992 20h 42m 35.01±5.07s													
CRP	53.91	333	ePc	24	59.66	-1.2	88.19	39 iPc	28 26.10	-0.7	33.707 S ±13.1km 70.501 W ±18.5km													
FBA	54.14	338	eP	25	00.35	-2.0	0.9s	9.00nm	4.8mb		DEPTH = 101.1 ± 43.3 km													
	1.1s	24.06nm			5.1mb		88.67	338 iP	28 29.20	0.5	CHILE-ARGENTINA BORDER REGION (127)													
		iPcP	26	04.78			1.0s	151.00nm	6.1mb X		MD 3.6 (SAN).													
SIV	54.41	127	P	25	05.00	0.1		e	28 53.00	88km	PCH	0.09	353	iPd	42	49.46	-0.1							
SVW	55.34	332	eP	25	09.40	-1.7	89.51	21 eP	28 31.50	-1.2			iS	43	00.46									
TTA	56.28	334	ePc	25	16.15	-1.8	1.1s	21.60nm	5.2mb	CHCH	0.26	209	iP+	42	49.69	-0.2								
	0.9s	26.86nm			5.3mb		89.91	35 eP	28 34.50	-0.3			iS	43	01.44									
IMA	56.84	338	eP	26	27.84		1.8s	17.00nm	4.9mb	TACH	0.37	278	iP+	42	50.31	0.0								
	0.9s	4.19nm			4.5mb		90.19	36 ePc	28 36.70	0.6			iS	43	02.30									
		ePcP	26	16.36			1.6s	35.00nm	5.3mb	CACH	0.42	191	iPd	42	51.04	0.3								
MBC	57.48	355	ePc	25	25.00	-1.0	Z 35s	0.30um	4.5MszX				iS	43	04.12									
	1.0s	11.00nm			4.9mb		91.79	36 eP	28 43.50	0.0	FCH	0.42	25	iP+	42	50.93	-0.1							
TLL	58.37	147	ePc	25	33.00	-0.1	PRU	91.85	35 eP	28 43.00	-0.7			iS	43	03.43								
PEL	60.82	149	ePc	25	49.50	-0.2	GEC2	92.01	36 ePc	28 44.20	-0.5	PEL	0.58	345	iPd	42	52.11	0.3						
BAO	64.57	119	Pd	26	15.20	0.3		0.8s	2.30nm	4.6mb			iS	43	04.32									
		e	26	17.50	7kmX			e	29 01.30	60kmX	LNV	0.80	252	iP+	42	53.48	-0.2							
		e	26	32.20			ZST	94.25	35 eP	28 55.30	0.5			iS	43	07.93								
		e	26	57.90				e	33 03.80		ROCH	0.85	330	iPd	42	54.45	0.0							
BDF	64.66	119	Pd	26	16.20	0.7	SRO	95.13	35 eP	29 06.10	7.2X			iS	43	09.06								
		e	26	37.00	80kmX		TIC	95.56	81 Pc	29 08.76	-0.7	LCCH	0.92	284	iP+	42	55.04	0.1						
		e	26	42.00				0.8s	16.50nm	5.6mb			iS	43	10.18									
		e	26	47.60			LIC	95.70	81 Pc	29 01.58	-0.5	JACH	1.03	356	iP+	42	56.08	-0.1						
		e	26	53.70				0.8s	29.50nm	5.8mb			iS	43	12.23									
VAO	69.26	125	eP	26	44.60	0.2	KIC	95.92	81 Pc	29 02.68	-0.4	S.D. = 0.2 on 10 of 10 obs.												
DAG	70.00	14	iPd	26	46.60	-1.3		0.8s	33.50nm	5.9mb														
	1.3s	38.46nm			5.1mb		PSZ	95.92	34 eP	29 02.60	0.0	% SEP 29, 1992 20h 45m 55.04±1.24s												
PDCR	70.70	111	iPc	27	03.40	10.3X	DBN	98.32	22 ePd	29 11.50	-1.7	15.627 N ± 7.4km 60.848 W ±18.2km												
		e	27	26.00	87km			1.5s	35.00nm	5.7mb		DEPTH = 33.0km (normal)												
DCN	78.17	38	eP	27	34.80	-0.6	Z 20s	e	29 31.00	70kmX		LEEWARD ISLANDS (92)												
DMU	78.22	37	eP	27	35.40	-0.3		e	31 22.00			ML 2.7 (FDF).												
DLF	78.62	37	eP	27	37.90	0.1		LR	05 20.00		MGG	0.54	303	eP	46	06.00	-0.2							
EKA	79.86	35	Pc	27	44.10	-0.4	WMO	116.29	351 PKP	34 18.50	-0.8	DEG	0.71	343	eP	46	08.60	-0.1						
	1.1s	12.10nm			4.7mb		BCAO	118.09	74 iPKPc	34 23.00	-0.5			S	46	18.50								
EPLA	83.06	50	eP	28	02.00	0.4		0.7s	21.00nm			CRM	0.87	184	eP	46	10.70	-0.2						
EVAL	83.39	53	eP	28	03.50	0.2	XAN	118.64	330 PKP	34 23.20	-0.8	PAG	0.90	297	eP	46	11.60	0.3						
GRR	83.65	41	iPc	28	05.00	0.7	LZH	119.13	335 PKPc	34 24.20	-0.8	FDF	0.94	198	iPc	46	11.43	-0.4						
	0.8s	31.05nm			5.3mb		GYA	125.93	326 iPKPd	34 37.80	-0.6			S	46	22.30								
LPF	83.67	41	iPc	28	04.80	0.4	KMI	129.01	329 PKPd	34 44.50	0.1	MVM	1.07	182	eP	46	14.08	0.3						
	0.7s	18.95nm			5.1mb		LSA	129.24	344 ePKP	34 45.20	0.2			S	46	26.60								
FLN	83.74	40	iPc	28	05.50	0.7	LWI	130.17	76 iPKPd	34 47.60	0.7	BIM	1.12	191	iPc	46	14.80	0.3						
	0.9s	59.80nm			5.5mb		GUN	132.14	349 PKP	34 50.06	-0.4			S	46	29.30								
LDF	84.02	41	eP	28	06.80	0.6	GKN	132.26	351 PKP	34 48.80	-1.6	S.D. = 0.4 on 7 of 7 obs.												
	1.0s	27.60nm			5.2mb		KKN	132.36	350 PKP	34 49.96	-0.7	? SEP 29, 1992 20h 57m 20.81±1.71s												
GUD	84.25	49	eP	28	08.00	0.3	PKI	132.55	350 PKP	34 50.22	-1.0	37.119 N ±19.0km 14.851 E ±15.6km												
NB2	84.38	26	P	28	07.60	-0.3	DMN	132.57	350 PKP	34 49.60	-1.5	DEPTH = 50.0km (geophysicist)												
	0.8s	5.90nm			4.6mb		CHG	136.20	329 ePKP	34 57.20	-0.7	SICILY (398)												
EHOR	84.43	52	iPd	28	08.90	0.4	HYB	143.37	357 ePKP	35 06.50	-4.4X	MEU	0.07	105	P	57	28.50	-0.1						
KEV	84.43	15	iP	28	09.00	1.1		1.0s	50.00nm			MNO	0.82	351	P	57	36.00	-0.5						
	0.8s	35.20nm			5.4mb		IPM	146.23	312 ePKPc	35 18.60	2.8X	GIB	1.09	323	P	57	40.40	0.3						
ECRI	84.70	47	eP	28	10.90	1.0		0.8s	203.70nm			SOI	1.35	45	P	57	43.80	0.2						
EJIF	84.73	53	iPd	28	11.20	1.1			e	35 41.80		S.D. = 0.6 on 4 of 4 obs.												
MFF	84.77	42	eP	28	10.40	0.4	KGM	146.30	306 ePKPd	35 17.50	1.6	% SEP 29, 1992 21h 30m 39.97±0.69s												
	1.0s	16.60nm			4.9mb			1.0s	138.50nm			40.570 N ± 5.5km 23.437 E ± 6.4km												
EBAN	85.39	51	iPd	28	13.90	0.5	GBA	147.20	359 PKP	35 17.40	0.2	DEPTH = 10.0km (geophysicist)												
MAL	85.44	53	iPc	28	14.50	0.9	KOD	150.55	358 ePKP	35 27.60	4.7X	GREECE (364)												
ETOR	85.67	48	iPd	28	15.10	0.3	S.D. = 0.9 on 168 of 193 obs.						MD 2.0 (THE).											
ECOG	85.87	52	iPd	28	16.50	0.6	? SEP 29, 1992 19h 46m 27.94±2.66s						SOH	0.26	346	ePgc	30	45.57	0.1					
LSF	85.97	42	eP	28	15.40	-0.7	34.681 S ±26.8km 70.892 W ±14.1km								eSg	30	49.64							
LFF	85.99	44	eP	28	16.00	-0.1	DEPTH = 100.0km (geophysicist)						THE	0.36	280	ePg	30	46.24	-1.2					
EGUA	86.03	52	eP	28	16.90	0.3	CHILE-ARGENTINA BORDER REGION (127)								eSg	30	51.48							
EVIA	86.16	50	iPc	28	17.90	0.6	MD 3.9 (SAN).						SRS	0.56	12	ePg	30	50.53	-0.8					
RJF	86.35	43	iPc	28	17.40	-0.5							PAIG	0.67	164	ePg	30	51.93	-1.3					
	0.9s	23.25nm			5.2mb		CACH	0.61	23 iP+	46 45.05	0.1			eSg	31	02.12								
EGRA	86.36	47	eP	28	20.50	2.5X			iS	46 59.41		LIT	0.86	237	ePg	30	56.88	0.3						
LPO	86.38	44	iPc	28	17.70	-0.4	CHCH	0.77	15 iP+	46 46.20	-0.1			eSg	31	08.32								
TCF	86.39	42	eP	28	17.40	-0.7			iS	47 02.18		GRG	0.88	297	ePg	30	57.68	0.8						
	1.0s	18.40nm			5.1mb		LNV	0.84	329 iP+	46 46.94	0.0	VAY	1.00	319	ePn	30	59.00	0.1						
EHUE	86.40	51	eP	28	19.10	0.7			iS	47 01.96		AGG	1.77	209	ePb	31	11.84	1.0						
EPF	86.48	46	iPc	28	18.30	-0.4	TACH	1.03	358 iP+	46 48.91	0.0			eSb	31	36.12								
	0.6s	3.80nm			4.6mb				iS	47 06.47		ALN	2.01	80	ePn	31	15.20	0.9						
MAF	86.64	42	iPc	28	18.50	-0.8	PCH	1.10	17 iP+	46 50.02	0.1													

eSn 31 45.00
S.D. = 1.1 on 9 of 9 obs.

* SEP 29, 1992 22h 16m 46.32s
34.059 N 116.373 W
DEPTH = 1.2km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS), 3.7 (GS).
Felt at Morongo Valley, North
Palm Springs and Palm Springs.

PEC	0.68	256	iPc	16	59.00	-0.8
PLM	0.81	210	iPd	17	01.83	-0.7
SSK	1.11	278	iPc	17	06.90	-1.1
			S	17	22.58	
GSC	1.29	344	eP	17	09.79	-1.3
GLA	1.64	127	eP	17	13.75	-2.6
ISA	2.35	313	ePn	17	23.97	-2.9
			ePg	17	28.60	
			eS	17	58.41	
ABL	2.48	289	ePn	17	26.81	-2.0
TPNV	2.89	2	ePn	17	33.07	-1.4
			S	18	17.81	
BCH	3.26	291	ePn	17	37.32	-2.4
PHAM	3.75	299	ePn	17	44.61	-2.0
FRI	3.99	318	eP	17	47.81	-2.2
			eS	18	48.91	
TNP	4.07	351	(Pn)	17	50.18	-1.1
PR1	4.09	302	eP	17	49.46	-2.0
MEMM	4.16	331	(Pn)	17	52.00	-0.3
BONR	4.19	339	(Pn)	17	52.61	-0.4
ARUT	4.42	32	ePn	17	54.75	-1.4
PRS	4.68	300	eP	17	57.22	-2.5
SAO	4.94	305	eP	18	01.16	-2.4
TUC	5.00	109	ePn	17	59.98	-4.4
CMB	5.13	322	eP	18	04.40	-1.8
			S	19	21.20	
			Lg	19	28.19	
ARN	5.33	309	eP	18	06.46	-2.6
MSU	5.59	36	(P)	18	11.86	-1.0
SRU	6.89	41	(Pn)	18	27.67	-3.5

23 obs. associated

* SEP 29, 1992 22h 49m 35.96±1.33s
46.087 N ±13.6km 14.645 E ±6.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.3 (LJU).

LJU	0.09	241	iPg	49	38.50	-0.1
			iSg	49	41.00	
CEY	0.38	204	ePg	49	43.50	-0.3
			eSg	49	49.80	
VOY	0.53	264	iPg	49	46.80	0.2
			eSg	49	54.90	
VBV	0.72	143	ePg	49	50.60	0.4
			eSg	49	59.40	
PTJ	0.93	101	iPg	49	53.60	-0.2
			iSg	50	05.20	

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

? SEP 29, 1992 22h 50m 04.39±6.50s
10.076 S ±63.4km 123.997 E ±25.1km
DEPTH = 33.0km (normal)
TIMOR REGION, INDONESIA (289)

KNA	7.31	141	eP	51	51.80	0.2
			eS	53	07.00	
MTN	7.51	112	eP	51	55.00	0.5
	0.3s	72.00nm			6.2mb X	
			eS	53	18.00	
MBL	11.73	199	eP	52	52.00	-0.5
			eS	54	54.00	
WB2	14.00	136	iPc	52	51.60	-31.1X
	0.5s	8.00nm				
ASPA	16.49	146	eP	53	29.20	-25.8X
	0.5s	4.50nm				
MEEK	17.24	196	eP	54	05.00	0.6
			eS	57	03.00	
QIS	18.29	127	eP	54	16.60	-0.9
			eS	57	29.20	

S.D. = 0.9 on 5 of 7 obs.

SEP 29, 1992 22h 52m 42.06±1.59s
34.662 N ±11.0km 14.701 E ±7.1km
DEPTH = 9.0 ± 6.0 km
3.9mb (2 obs.)

CENTRAL MEDITERRANEAN SEA (400)
MD 3.7 (ROM).

MEU	2.44	4	P	53	24.00	1.2
PTS	3.07	315	P	53	29.90	-1.7
MCT	3.09	344	P	53	35.90	3.9X
MNO	3.26	360	P	53	36.10	1.5
GIB	3.36	351	Pc	53	36.00	0.1
			eSn	54	20.70	
CVT	3.38	333	P	53	34.50	-1.5
ATN	3.55	10	P	53	39.10	0.7
SOI	3.57	17	Pc	53	39.30	0.5
MSI	3.60	11	P	53	40.80	1.7
GMB	3.62	15	P	53	40.43	0.8
ERC	3.77	334	P	53	39.50	-2.2
LVI	3.83	331	P	53	39.10	-3.3X
GRI	4.37	18	P	53	51.47	1.3
TDS	5.16	14	P	54	04.50	3.3X
MGR	5.51	7	P	54	07.20	1.0
VLS	5.90	52	eP	54	11.20	-0.6
SGO	5.91	5	P	54	14.10	2.4X
KEK	6.48	37	eP	54	20.00	0.1
BRT	6.51	17	P	54	23.90	3.5X
IGT	6.62	41	ePn	54	21.42	-0.5
			eSn	55	37.10	
SRN	6.71	37	ePn	54	14.80	-8.3X
VLO	6.93	32	ePn	54	21.50	-4.8X
VLI	7.01	71	eP	54	28.70	1.3
TPE	7.03	35	ePn	54	26.00	-1.6
BERA	7.32	33	ePn	54	30.60	-1.1
AGG	7.51	52	ePn	54	35.78	1.4
			eSn	55	59.50	
TIR	7.82	30	ePn	54	37.00	-1.7
KZN	7.96	43	eP	54	44.90	4.2X
ATH	7.99	63	eP	54	43.00	1.9
OHR	8.04	35	iPn	54	41.60	-0.2
			i	54	49.20	
			iSn	56	12.50	
			iSg	56	29.60	
			LR	56	36.30	

FNA	8.08	39	ePn	54	43.10	0.7
			eSn	56	12.50	
LIT	8.24	47	ePn	54	43.98	-0.6
			eSn	56	16.26	
PHP	8.34	31	ePn	54	44.20	-1.8X
GRG	8.75	42	ePn	54	50.74	-1.0
			eSn	56	30.58	
THE	8.86	45	ePn	54	51.70	-1.4
			eSn	56	30.66	
PAIG	8.87	51	ePn	54	52.98	-0.4
			eSn	56	32.46	

NPS	8.98	83	eP	54	54.50	-0.3
PLG	8.98	48	eP	55	05.50	10.6X
SKO	9.01	34	iPn	54	53.20	-2.1X
			i	56	31.70	
VAY	9.09	41	iPn	54	54.40	-2.0X
SOH	9.20	46	ePn	54	56.62	-1.3
			eSn	56	38.78	
SRS	9.53	45	ePn	55	02.22	-0.2
			eSn	56	50.02	
ALN	10.92	52	ePn	55	20.66	-0.8
LPG	12.41	333	eP	55	57.40	15.5X
	0.8s	7.80nm				
LPL	12.43	333	eP	55	57.90	15.7X
ELL	12.54	76	ePn	55	42.00	-1.5
MLR	13.81	35	ePd	55	50.50	-9.8X
KHC	14.48	357	eP	56	06.50	-2.6X
			e	56	16.00	
			e	56	36.90	

CSS	15.31	84	eP	56	23.50	3.5X
			eS	59	08.00	
CLL	16.69	356	e(P)	56	41.00	3.5X
EKA	24.09	335	P	58	00.00	1.6
	1.0s	6.70nm			4.2mb	
NB2	26.49	356	P	58	26.00	4.8X
	0.8s	1.00nm			3.6mb	
GKN	59.04	76	P	02	48.20	3.2X
DMN	59.58	76	P	02	49.70	0.8
KKK	59.64	76	P	02	49.10	-0.1
PKI	59.84	76	P	02	51.20	0.5
GUN	60.07	75	P	02	53.20	0.9

S.D. = 1.2 on 37 of 57 obs.

* SEP 29, 1992 23h 09m 25.28±2.04s
38.206 N ±12.0km 20.537 E ±16.2km
DEPTH = 10.0km (geophysicist)
GREECE (364)

MD 3.4 (ATH), 3.3 (THE).

VLS	0.05	124	ePg	09	27.30	-0.2
IGT	1.33	353	ePb	09	50.40	0.5
			eSb	10	09.88	
AGG	1.62	59	ePn	09	55.74	1.7
			eSn	10	21.20	
LIT	2.43	38	ePn	10	06.04	0.4
			eSn	10	40.00	
FNA	2.66	14	ePn	10	08.44	-0.5
			eSn	10	45.80	
OHR	2.91	4	ePn	10	13.70	1.2
PAIG	2.99	54	ePn	10	12.72	-0.8
			eSn	10	54.40	
THE	3.07	37	ePn	10	15.80	1.2
GRG	3.10	27	ePn	10	14.52	-0.7
			eSn	10	57.76	
SOH	3.40	39	ePn	10	19.20	-0.3
OUR	3.42	50	ePn	10	19.32	-0.3
			eSn	11	04.16	
VAY	3.48	26	ePn	10	20.40	-0.2
SRS	3.74	38	ePn	10	23.56	-0.8
SKO	3.83	10	iPn	10	24.20	-1.3

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

SEP 30, 1992 00h 01m 19.04±0.55s
37.221 N ±3.8km 29.372 E ±3.3km
DEPTH = 25.5 ± 5.2 km
4.1mb (11 obs.)

TURKEY (366)
ML 4.0 (CSS), MD 4.2 (HLW), 4.1 (THE).

ELL	0.64	137	iPg	01	32.00	0.4
			iSg	01	44.00	
YER	0.87	265	iPn	01	34.00	-1.5
BCK	1.00	76	iPn	01	37.10	-0.3
KHL	1.11	6	iPn	01	36.00	-3.0X
ALT	1.92	17	ePn	01	50.50	-0.2
IZM	2.04	306	iPn	01	51.90	-0.5
KCT	3.13	346	iPn	02	08.10	0.3
GYN	3.30	18	eP	02	16.00	5.7X
BNT	3.33	341	iPn	02	10.60	0.0
EDC	3.34	340	iPn	02	10.50	-0.2
EYL	3.40	10	ePn	02	13.00	1.3
EZN	3.53	318	iPn	02	12.70	-0.8
GBZT	3.56	1	eP	02	26.00	12.0X
NPS	3.61	238	eP	02	16.00	1.3
BBTK	3.73	44	iPc	02	18.00	1.5
CSS	3.92	124	eP	02	22.50	3.5X
			eS	03	14.70	
SGKT	3.95	31	eP	02	20.00	0.4
FAM	4.36	119	eP	02	33.10	7.9X
			eS	03	32.90	
DVR	4.44	27	eP	02	26.80	0.4
ALN	4.49	326	ePn	02	25.90	-1.3
			eSn	03	18.14	
ATH	4.55	281	eP	02	28.80	0.7
DMK	4.76	345	ePn	02	29.30	-1.7
VLI	5.18	266	eP	02	40.00	3.1X
PAIG	5.21	303	ePn	02	37.38	0.0
AGG	5.84	290	ePn	02	47.10	0.9
			eSn	03	58.14	
SOH	5.91	309	ePn	02	46.34	-0.8
			eSn	03	56.54	
SRS	5.94	313	ePn	02	45.90	-1.7
			eSn	03	55.38	
THE	6.05	306	ePn	02	49.70	0.6
LIT	6.10	300	ePn	02	50.38	0.4
			eSn	04	01.30	
HRI	6.53	125	eP	02	56.80	0.7
GRG	6.58	307	ePn	02	56.74	0.0
			eSn	04	13.54	
VAY	6.68	310	ePn	02	58.00	0.0

30d 00h

0.8s 5.50nm - 3.9mb
 HAU 20.01 310 eP 05 52.30 -0.2
 0.7s 17.00nm - 4.5mb
 SMF 21.12 305 eP 06 03.50 -0.6
 0.7s 7.70nm - 4.2mb
 LBF 21.14 305 eP 06 05.80 1.6
 1.2s 10.70nm - 4.1mb
 LOR 21.30 306 eP 06 04.60 -1.3
 0.7s 2.10nm - 3.7mb
 SSF 21.47 305 eP 06 08.20 0.7
 1.0s 6.20nm - 4.0mb
 MFF 23.77 303 eP 06 31.50 1.4
 0.8s 4.45nm - 4.0mb
 BCAA 34.11 200 iPd 08 04.50 0.6
 0.9s 9.00nm - 4.7mb
 GKN 46.88 85 Pc 09 49.62 0.3
 DMN 47.43 85 Pc 09 53.20 -0.5
 KKN 47.49 84 Pc 09 52.42 -1.7
 PKI 47.69 85 Pc 09 52.68 -3.2X
 GUN 47.91 84 Pc 09 52.30 -5.3X
 S.D. = 1.0 on 44 of 53 obs.

SEP 30, 1992 00h 06m 08.46±0.70s
 37.249 N ± 6.6km 29.324 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 ML 3.6 (CSS).

ELL 0.68 137 iPg 06 22.00 -0.1
 iSg 06 35.00
 YER 0.84 263 iPn 06 24.00 -0.7
 BCK 1.03 78 iPn 06 28.00 0.4
 KHL 1.08 8 ePn 06 28.00 -0.9
 ALT 1.91 19 ePn 06 41.50 0.1
 IZM 1.99 306 iPn 06 43.90 1.3
 KCT 3.09 346 ePn 06 58.60 0.4
 BNT 3.29 341 ePn 07 01.00 -0.1
 YLV 3.31 1 ePn 07 01.00 -0.5
 PPCY 3.40 133 eP 07 05.70 3.1X
 CSS 3.97 124 eP 07 13.00 2.3X
 eS 08 04.50
 S.D. = 0.8 on 9 of 11 obs.

? SEP 30, 1992 00h 15m 09.85±1.03s
 37.266 N ±10.4km 29.268 E ± 8.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 ELL 0.73 135 ePg 15 25.00 0.8
 YER 0.80 261 iPg 15 25.00 -0.4
 eSg 15 37.00
 BCK 1.07 79 ePn 15 29.00 -1.1
 KHL 1.07 11 ePn 15 30.80 0.7
 S.D. = 1.5 on 4 of 4 obs.

& SEP 30, 1992 00h 52m 05.37s
 34.211 N 116.438 W
 DEPTH = 3.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.0 (PAS).

PEC 0.68 242 iPd 52 18.00 -0.9
 eLg 52 26.20
 PLM 0.93 203 iPd 52 22.62 -1.2
 eS 52 32.64
 SSK 1.04 270 eP 52 24.58 -1.1
 GSC 1.13 345 eP 52 26.13 -1.0
 eLg 52 41.75
 GLA 1.77 130 eP 52 34.27 -2.8
 ISA 2.21 311 ePn 52 42.90 -0.6
 ePg 52 45.74
 ABL 2.38 286 (P) 52 44.72 -1.4
 TPNV 2.74 3 ePn 52 50.82 -0.3
 BCH 3.16 289 ePn 52 55.18 -1.8
 ARUT 4.32 33 (P) 53 13.22 -0.3
 TUC 5.10 110 (P) 53 21.40 -3.2
 11 obs. associated

* SEP 30, 1992 01h 13m 29.55±4.57s
 33.554 S ± 9.3km 70.339 W ±21.8km
 DEPTH = 92.0 ± 38.2 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.3 (SAN).

PCH 0.16 245 iPd 13 43.39 0.3
 iS 13 54.48
 FCH 0.23 10 iP+ 13 43.66 0.0

CHCH 0.46 215 iPd 13 44.44 -0.0
 iS 13 56.85
 PEL 0.50 325 iP 13 44.15 -0.6
 iS 13 57.61
 TACH 0.51 259 iP+ 13 44.85 0.0
 iS 13 57.57
 CACH 0.60 201 iPd 13 45.79 0.1
 iS 14 00.08
 ROCH 0.81 316 iP+ 13 48.16 0.3
 iS 14 03.05
 JACH 0.90 346 iP 13 48.65 0.0
 iS 14 04.29
 LNV 0.98 246 iP+ 13 49.03 -0.4
 iS 14 05.62
 LCCH 1.03 274 iP 13 50.29 0.3
 iS 14 06.82
 S.D. = 0.4 on 10 of 10 obs.

SEP 30, 1992 01h 17m 28.37±0.86s
 37.232 N ± 8.8km 29.302 E ± 7.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 ML 3.6 (CSS).

ELL 0.69 135 iPg 17 42.00 0.0
 eSg 17 54.00
 YER 0.82 263 iPn 17 44.00 -0.3
 BCK 1.05 77 iPn 17 48.10 -0.1
 KHL 1.10 9 iPn 17 47.80 -1.3
 ALT 1.93 19 ePn 18 03.00 1.4
 IZM 1.99 306 ePn 18 02.90 0.4
 PPCY 3.40 133 eP 18 28.60 6.1X
 CSS 3.97 124 eP 18 33.50 2.9X
 eS 19 28.00
 S.D. = 1.1 on 6 of 8 obs.

? SEP 30, 1992 01h 49m 52.32±13.28s
 10.235 N ±27.2km 85.628 W ±104.km
 DEPTH = 10.0km (geophysicist)
 COSTA RICA (78)
 MD 4.2 (SJR). Felt (iii) at
 Santa Cruz.

VCR 0.11 182 iP+ 49 58.49 3.3X
 JCR 0.64 127 iPd 50 05.18 0.1
 SJS 1.58 101 eP+ 50 20.37 -0.2
 S 50 44.28
 OCR 1.65 119 ePd 50 21.70 0.3
 LCR2 1.67 107 iP+ 50 21.36 -0.6
 BUS 1.96 110 ePd 50 26.66 0.3
 LIO 2.56 95 eP+ 50 34.92 0.3
 ACR 2.89 123 eP 50 39.17 -0.1
 S.D. = 0.4 on 7 of 8 obs.

SEP 30, 1992 02h 08m 28.88±0.90s
 40.824 N ± 9.5km 30.097 E ± 5.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MG 2.6 (DDA).

EYL 0.26 170 iPg 08 35.10 0.6
 HRT 0.33 270 iPg 08 35.60 0.0
 eSg 08 38.60
 GBZT 0.50 266 ePg 08 38.50 -0.4
 iSg 08 45.00
 GPA 0.56 163 ePg 08 39.60 -0.6
 YLV 0.61 245 ePg 08 39.80 -1.4
 GYN 0.67 134 eP 08 42.00 -0.3
 KCT 1.45 247 ePn 08 56.00 0.9
 DVR 1.49 76 eP 08 55.50 -0.2
 eS 09 18.20
 SGKT 1.51 99 eP 09 00.00 3.8X
 BNT 1.72 255 ePn 09 00.00 0.9
 S.D. = 0.9 on 9 of 10 obs.

? SEP 30, 1992 02h 55m 02.39±16.70s
 38.106 N ±139.km 27.650 E ±13.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

IZM 0.42 314 iPg 55 09.90 -1.1
 eSg 55 15.50
 EZN 2.00 329 ePn 55 38.00 1.4
 KCT 2.21 14 iPn 55 40.10 0.5
 BNT 2.26 5 ePn 55 40.60 0.3
 YLV 2.80 28 ePn 55 47.00 -1.1

S.D. = 1.5 on 5 of 5 obs.
 SEP 30, 1992 03h 27m 59.14±0.10s
 51.410 N ± 2.6km 178.630 W ± 1.6km
 DEPTH = 26.0km (geophysicist)
 5.9mb (155 obs.) 5.7MsZ (58 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 5.9 (PMR). Ms 5.9 (BRK).
 Mo=2.0±10±18 Nm (PPT). Felt (V)
 on Adak and (ii) on Amchitka.
 Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=65 Dip=78 Slip=90
 NP2: 245 12 90
 Principal Axes:
 T P1g=57 Azm=335
 P 33 155
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 10 Focal mech. M
 Energy 3.3±1.0±10±13 Nm
 MOMENT TENSOR SOLUTION
 Dep 19 No. of sta: 30
 Moment Tensor; Scale 10±18 Nm
 Mrr=0.33 Mtt=-0.34
 Mrf=0.01 Mrt=0.94
 Mrf=0.58 Mtf=-0.15
 Principal axes:
 T Val=1.14 P1g=54 Azm=324
 N 0.05 4 59
 P -1.18 36 152
 Best Double Couple: Mo=1.2±10±18
 NP1: Strike=265 Dip=10 Slip=116
 NP2: 59 81 86
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 68C
 Centroid Location:
 Origin Time 03:28: 2.7 0.2
 Lat 51.23N 0.03 Lon 178.27W 0.04
 Dep 26.3 1.7 Half-duration 2.0
 Moment Tensor; Scale 10±17 Nm
 Mrr=4.86 0.15 Mtt=-3.79 0.22
 Mrf=-1.07 0.14 Mrt=7.46 0.63
 Mtf=7.27 0.52 Mtf=-3.09 0.19
 Principal Axes:
 T Val=11.34 P1g=58 Azm=309
 N 0.74 6 40
 P -12.08 31 141
 Best Double Couple: Mo=1.2±10±18
 NP1: Strike=251 Dip=14 Slip=113
 NP2: 47 77 84
 ADK 1.30 68 iPc 28 23.39 1.7
 SMY 4.67 289 ePn 29 12.24 2.5
 SDN 11.52 63 ePn 30 43.76 -1.0
 PET 14.01 285 iP+ 31 16.00 -1.0
 Z 18s 10.70um
 N 22s 32.00um
 E 22s 54.20um
 ANM 14.90 23 eP 31 34.88 5.4X
 MCNL 15.80 51 eP 31 42.40 1.2
 SKR 15.89 277 iPc 31 42.00 -0.4
 Z 10s 670.00nm 5.7mb
 Z 20s 14.40um 3.8MsZ
 N 20s 6.20um
 E 20s 12.20um
 eS 34 40.00
 SVW 15.96 44 eP 31 45.47 2.1
 1.0s 944.36nm 5.9mb
 CDD 16.06 52 eP 31 45.54 0.9
 PDB 16.07 49 eP 31 46.53 1.8
 AUH 16.29 51 eP 31 51.18 3.6X
 AUP 16.30 51 eP 31 51.23 3.5X
 KDC 16.36 57 eP 31 46.88 -1.4
 0.3s 84.49nm 5.3mb
 OPT 16.49 50 eP 31 52.45 2.5
 ILT 16.54 360 iPc 31 54.40 3.8X
 Z 20s 1863.00nm 5.9mb
 Z 16s 23.00um 4.9MsZ
 N 18s 6.00um
 E 20s 4.80um

SYI	16.60	54 eP	31 51.19	-0.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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GYA	60.43	276	iPc	38	08.00	-0.8
	1.2s	350.00nm				6.4mb
N	16s	2.54um				
E	16s	1.99um				
		PcP	38	54.00		
		PP	40	22.00		
		S	46	21.00		
		sS	46	32.00		
		ScS	47	54.00		
		SS	50	20.00		
EEO	60.44	51	eP	38	09.50	1.0
FVM	60.44	65	ePc	38	06.65	-2.0
	0.9s	202.32nm				6.3mb
Z	20s	3.68um				5.5MsZ
		S	46	16.23		
PLP	60.65	250	ePd	38	09.30	-0.9
TGY	60.75	255	ePc	38	12.50	1.6
UYO	60.76	71	iPc	38	08.80	-2.0
MIAR	61.01	70	iPc	38	11.65	-0.9
	0.7s	71.08nm				5.9mb
Z	20s	3.37um				5.5MsZ
		epP	38	18.93		24kmX
		S	46	31.01		
PGP	61.21	255	eP	38	13.50	-0.5
MXZ	61.22	88	(P)	38	17.50	3.5X
OLY	61.57	68	iPc	38	14.10	-2.2
ELC	61.61	65	iPc	38	14.69	-1.9
SVE	61.64	328	iPc	38	16.00	-0.5
	2.0s	260.00nm				6.0mb
Z	19s	7.50um				5.9MsZ
N	19s	6.00um				
E	19s	7.50um				
		eS	46	40.00		
		e	48	04.00		
ELF	61.75	55	P	38	17.50	0.1
DLA	61.85	56	P	38	18.65	0.5
MAP	61.91	250	eP	38	18.00	-0.7
LDN	61.92	55	P	38	18.50	-0.1
ACTO	62.09	54	P	38	19.35	-0.4
BIP	62.27	247	ePd	38	19.00	-2.1
AKU	62.28	9	eP	38	21.20	0.6
	0.9s	36.97nm				5.5mb
TYNO	62.56	55	P	38	22.18	-0.6
ARU	62.65	328	ePc	38	22.20	-1.0
	2.0s	500.00nm				6.3mb
Z	18s	9.00um				6.0MsZ
N	19s	3.50um				
E	18s	8.00um				
		isPd	38	33.71		
		e	38	59.00		
		e	40	41.00		
		ePPP	42	20.00		
		eS	46	48.00		
		ePS	47	08.00		
WLVO	62.71	53	P	38	23.18	-0.6
STCO	62.83	54	P	38	24.05	-0.5
CGP	62.98	248	ePd	38	25.00	-0.8
SVO	63.13	204	eP	38	27.00	0.3
WWKK	63.56	223	eP	38	29.90	0.3
KMI	63.83	278	iPc	38	31.45	-0.2
	1.5s	360.00nm				6.3mb
Z	30s	5.50um				5.6MsZ
N	17s	2.40um				
E	17s	2.00um				
		esPd	38	43.70		
		PP	40	52.00		
		S	47	03.50		
QIZ	63.87	268	iPc	38	32.10	0.4
	1.3s	180.00nm				6.0mb
N	21s	4.37um				
		esPd	38	44.59		
RSNY	64.16	50	eP+	38	31.01	-2.3
	1.1s	22.24nm				5.2mb
Z	21s	4.87um				5.7MsZ
AGX	64.77	86	(P)	38	40.00	2.5
TLG	65.05	309	eP	38	41.00	1.8
	1.9s	133.00nm				5.7mb
N	16s	3.10um				
		eS	47	24.00		
		ePS	47	42.00		
		iSS	51	28.00		

Z 17s	3.00um	-	5.6mszX	KONO	69.10	356	ePc	39 03.68	-0.6	ECB	76.37	5	iPc	39 47.00	-0.2		
N 17s	3.20um						epPd	39 11.21	24kmX		1.5s	428.00nm			6.3mb		
E 17s	1.80um	-					esP	39 14.85		ECP	76.58	5	iPc	39 48.40	0.0		
	e	39 12.00		SGS	69.48	62	ePc	39 06.99	0.0		1.2s	340.00nm			6.3mb		
PPR	65.47	254	ePd	38 42.00	0.0	HBF	69.74	63	iPc	39 08.55	-0.1	DBN	76.81	358	eP+	39 49.00	-0.7
GBTN	65.59	63	iPc	38 41.54	-1.1	OBN	69.88	339	iPc+	39 08.10	-1.1	Z 20s	1.50um			5.3msz	
BNH	65.68	48	eP	38 41.25	-1.9		1.8s	1000.00nm		6.6mb		ePPP	44 52.00				
MOL	66.26	357	eP	38 45.80	-0.7	Z 17s	7.20um		6.0mszX		eS	49 39.00					
NAV	66.27	60	ePd	38 45.09	-1.9	N 17s	4.80um				ePS	50 28.00					
BLA	66.54	59	eP	38 47.76	-1.0	E 17s	4.50um				eSS	54 24.00					
	1.3s	134.19nm		5.9mb			e	39 20.00		WTS	76.87	357	iPc	39 50.00	0.0		
FRU	66.72	310	iP	38 50.00	0.2		e	41 45.00			1.1s	159.00nm			6.0mb		
	2.0s	380.00nm		6.2mb			ePPP	43 28.00		MKS	77.09	244	iPd	39 52.40	0.6		
Z 24s	6.00um		5.7mszX	KKM	69.93	254	iPc	39 10.00	-0.1	CLL	77.18	353	iPc	39 50.90	-0.9		
N 20s	5.50um				1.1s	132.00nm		6.0mb			1.6s	145.00nm			5.8mb		
E 24s	6.00um			IISM	69.99	84	(P)	39 13.50	3.2X	LVV	77.32	345	iPc	39 52.00	-0.6		
	e	39 05.20		ACX	70.03	88	(P)	39 17.00	6.4X	Z 22s	7.20um			5.9msz			
	e	41 16.00		SHL	70.14	286	iP	39 11.20	-0.3	N 21s	5.20um						
	ePPP	42 49.00			1.5s	972.22nm		6.7mb		E 20s	4.70um						
	eS	47 41.00		LOE	70.17	273	iPc	39 10.50	-1.0		e	40 04.00					
PUL	66.73	345	(P)	38 48.00	-1.5	TSM	70.33	251	ePc	39 12.10	-0.3		ePPP	44 35.00			
	2.0s	190.00nm		5.9mb		CHG	70.85	276	iPc	39 15.20	-0.4		eS	49 53.00			
Z 19s	7.20um		5.9msz	PMO	71.36	149	iP	39 18.10	-0.4	KSP	77.34	350	ePc	39 52.00	-0.7		
N 19s	3.70um				1.1s	70.00nm		5.7mb			1.0s	35.00nm			5.3mb		
E 19s	3.10um			TPT	71.43	148	iP	39 18.60	-0.3		id	39 52.50					
	e	39 02.00			1.1s	85.00nm		5.7mb			i	40 02.50					
	eS	47 34.00		VAH	71.66	148	iP	39 19.90	-0.4	MTN	77.38	230	eP	39 53.00	-0.3		
LVNJ	66.82	53	eP	38 49.08	-1.4		1.1s	90.00nm			0.6s	154.00nm			6.2mb		
TXNY	66.83	53	iP	38 49.20	-1.3	RUV	71.70	148	iP	39 20.20	-0.4	BRG	77.54	352	iPc	39 53.20	-0.5
TBR	66.84	53	iPc	38 48.67	-1.9		1.1s	120.00nm		5.9mb		1.3s	110.00nm			5.7mb	
NUR	66.87	348	iP	38 49.30	-1.1	OXX	71.83	85	(P)	39 25.50	3.7X		e	43 16.60			
	0.6s	36.40nm	-	5.7mb		GUN	71.94	292	Pc	39 23.60	1.1	OJC	77.54	348	ePd	39 53.50	-0.3
AAK	66.92	310	iPc	38 50.51	-0.8	BDT	71.99	275	iPc	39 21.00	-1.4		1.0s	108.00nm		5.8mb	
		epPd	38 57.96	24kmX	MUD	72.30	355	iPc	39 24.00	0.3	Z 17s	4.80um			5.9mszX		
		esPd	39 02.51			0.9s	26.00nm		5.3mb			e	50 40.00				
SWI	67.05	236	iPc	38 51.50	-0.6		i	39 41.00		CTA	77.56	214	iPc+	39 54.00	-0.2		
PNJ	67.05	53	iP	38 50.80	-1.1	KKN	72.38	292	Pc	39 26.00	1.0		1.0s	52.50nm		5.5mb	
GMTN	67.06	53	iP	38 51.40	-0.5	ELO	72.40	3	ePc	39 23.60	-0.8		ipP	40 04.00		32kmX	
MRX	67.07	87	(P)	38 52.50	0.3		0.9s	24.00nm		5.2mb		iS	49 42.00				
HRV	67.12	50	P	39 00.00	7.7X	NST	72.47	273	eP	39 26.80	1.5		e	54 12.00			
Z 20s	4.43um		5.7msz	PKI	72.47	292	Pc	39 26.20	0.6	MAK	77.81	327	iP+	39 56.70	1.4		
PMG	67.39	217	eP	38 53.00	-1.2	GKN	72.59	293	Pc	39 27.00	0.9		ePS	50 12.00			
LSA	67.53	290	iPc	38 57.23	1.6	DMN	72.62	292	Pc	39 27.40	1.0	KAT	77.83	319	iP+	39 56.50	1.0
	0.7s	100.00nm		6.1mb	EBH	72.63	3	ePc	39 25.00	-0.7	Z 20s	4.60um			5.8msz		
Z 19s	6.49um		5.9msz	EAB	72.66	3	ePc	39 25.00	-0.3	N 20s	4.20um						
N 18s	5.35um			MNK	72.79	344	eP	39 21.00	-5.6X	E 18s	6.00um						
E 18s	1.84um						e	42 02.00			e	40 06.00					
	esPd	39 08.65					ePPP	43 48.00			eS	50 14.00					
	S	47 50.70		COP	72.88	353	iPd+	39 27.70	0.6		e	50 26.00					
LMN	67.62	44	ePd	38 57.00	1.6		0.8s	86.57nm		5.8mb	RAC	77.87	349	eP	39 56.00	0.4	
NB2	67.62	355	P	38 53.00	-2.3	Z 20s	1.63um		5.3msz		Z 20s	6.00um			5.9msz		
	1.0s	47.00nm		5.6mb			iS	48 54.00		8NS	77.88	356	iPc	39 55.30	-0.3		
PRM	67.78	63	iPc	38 55.60	-1.0	EAU	73.04	3	ePc	39 27.90	-0.2	Z 20s	5.10um			5.8msz	
CEH	68.24	60	ePc	38 58.84	-0.6		0.8s	62.00nm		5.7mb	MOX	77.95	353	eP	39 55.80	-0.2	
	1.1s	240.90nm		6.2mb	AFR	73.15	151	iP	39 28.60	-0.5		1.6s	184.00nm			5.9mb	
Z 19s	3.63um		5.6msz	BSD	73.25	352	iP	39 28.70	-0.6	Z 19s	1.90um			5.4msz			
	S	48 14.88			0.7s	28.00nm		5.4mb		N 22s	2.20um						
JSC	68.25	62	ePc	38 58.76	-0.8	EKA	73.56	3	P	39 31.00	-0.1	E 20s	1.30um				
UPP	68.31	351	iP	38 58.20	-1.2		1.4s	115.30nm		5.7mb		e	40 11.80				
	0.9s	300.00nm		6.4mb	ESK	73.57	3	(P)	39 30.86	-0.3		eS	49 54.00				
	iS	47 48.00			DZM	74.33	194	iPc	39 36.00	0.0	ASH	78.02	317	eP	39 56.00	-0.6	
LHS	68.35	62	iPc	38 59.51	-0.6	GIM	74.56	4	ePc	39 36.60	-0.3		1.3s	280.00nm		6.1mb	
HFS	68.37	353	eP	38 58.50	-1.3		1.0s	43.00nm		5.4mb		e	49 52.00				
	1.0s	88.40nm		5.8mb	DMU	74.83	5	iPc	39 38.40	-0.1	GRO	78.09	329	iPc+	39 57.00	0.1	
Z 18s	3.67um		5.7msz		0.9s	182.00nm		6.1mb			1.5s	640.00nm			6.4mb		
KSH	68.61	307	P	39 02.50	0.7		75.06	271	iPc	39 40.70	0.3		eS	49 48.00			
	1.2s	600.00nm		6.6mb	NNT	75.37	5	iPc	39 41.30	-0.2	ENN	78.13	357	iPc	39 57.00	0.1	
Z 20s	21.10um		6.4msz	DCN	75.40	348	eP	39 35.00	-6.7X		1.0s	255.00nm			6.2mb		
N 16s	4.17um			WAR								78.14	358	P+	39 57.00	0.0	
E 16s	8.55um				Z 22s	2.20um		5.4msz				78.26	353	iPc	39 57.50	-0.3	
	pP	39 12.00	30kmX	DLF	75.46	5	iPc	39 41.70	-0.3		1.4s	90.00nm			5.6mb		
	sP	39 18.00			1.2s	493.00nm		6.4mb		MEM	78.28	357	iPc	39 57.89	0.1		
	PP	41 32.00		BRNL	76.04	352	iPc	39 45.50	0.1	PRU	78.36	351	iPc	39 58.00	-0.3		
	S	48 00.00			76.06	357	eP	39 46.50	1.1		Z 17s	2.80um			5.7mszX		
	sS	48 20.00		WIT	76.07	353	eP	39 45.50	0.0		N 21s	2.80um					
	ScS	48 51.00		BRN	76.07	5	iPc	39 45.60	0.1		E 19s	2.40um					
MOS	69.07	339	iPc	39 04.00	-0.2	ETA	76.07	5	iPc	39 45.60	0.1						
	2.0s	830.00nm		6.5mb		1.3s	308.00nm		6.2mb			PcP	40 02.90				
Z 17s	11.00um		6.2mszX	NDI	76.25	299	iPc	39 46.50	-0.5			e	40 07.80				
N 16s	8.40um				1.4s	418.60nm		6.3mb				PP	42 56.00				
E 16s	5.60um					ePP	42 40.00			SNF	78.43	358	iPc	39 58.64	0.0		
	eS	48 05.00				eS	49 30.00					eS	49 50.00				

30d 03h

SPC	78.49	347	iP	40	00.50	1.2	Z	20s	12.00um	6.2Msz	TRHT	83.70	334	eP	40	27.50	0.7			
	1.2s	135.30nm				5.9mb			e	43	11.00	BNI	83.81	356	Pc	40	28.50	1.2		
TNS	78.57	355	iPc	39	59.70	0.2			e	50	12.00	RRL	83.94	356	P	40	29.21	1.1		
UZH	78.74	346	iPc	40	00.50	0.1			eS	50	58.00	BOB	83.95	354	Pc	40	28.80	0.9		
	Z	20s	5.00um			5.8Msz	SRO	80.09	348	iP	40	08.30	0.6	BHB	83.99	356	P	40	27.47	-0.6
	N	20s	4.50um				STR	80.24	356	P	40	08.89	0.4	DVR	84.02	337	eP	40	28.00	-0.3
	E	20s	4.00um				KMR	80.31	351	iP+	40	09.10	0.2	SVST	84.03	333	eP	40	29.00	0.5
			i	40	09.30		IPM	80.41	265	ePc	40	09.90	0.0	PCP	84.23	355	P	40	28.70	-0.6
			eS	50	00.00				1.0s	126.00nm		5.9mb	QLP	84.25	213	iPc	40	30.00	0.6	
			ePS	50	45.00		WLS	80.43	356	P	40	09.20	-0.3		0.7s	61.00nm		5.9mb		
VRAC	78.82	350	iPc	40	00.90	0.1	CDF	80.43	356	P	40	09.58	0.0			i	40	45.70		
	1.6s	641.50nm				6.4mb	FUR	80.44	353	iPc	40	09.70	0.1	HYB	84.30	291	iPc	40	30.00	0.0
DOU	78.84	358	Pc	40	01.00	0.1			1.3s	158.00nm		5.9mb			1.0s	630.00nm		6.8mb		
	1.0s	250.00nm				6.2mb			Z	17s	3.00um	5.7MszX			eS	50	54.00			
MAIO	78.91	316	iPd	40	02.00	0.3	ECH	80.63	356	P	40	10.26	-0.3	DOI	84.33	356	P	40	29.60	-0.3
	1.0s	19.50nm				5.1mb	VR1	80.66	342	ePc	40	11.00	0.2	PZZ	84.34	356	P	40	29.31	-0.7
			eS	50	07.00		VITF	80.67	357	P	40	10.18	-0.6	CKI	84.36	355	P	40	29.50	-0.4
GRF	78.93	353	iPc	40	01.90	0.5	LIBD	80.68	356	P	40	10.86	0.1	MME	84.43	353	P	40	31.29	0.7
	1.7s	280.00nm				6.0mb	BHG	80.76	352	iPc	40	11.60	0.3		1.1s	507.10nm		6.7mb		
	Z	22s	3.00um			5.6Msz			1.5s	138.00nm		5.8mb	ROB	84.51	355	P	40	30.03	-0.7	
			e(pP)	40	17.20	54kmX	FEL	80.93	355	P	40	11.93	-0.4	RSM	84.56	352	Pc	40	32.10	1.3
KIS	79.14	341	iPc+	40	03.00	0.4	KGM	80.98	262	ePc	40	12.70	-0.2	FIN	84.58	355	P	40	30.13	-0.9
	1.4s	1100.00nm				6.7mb			1.0s	133.00nm		5.9mb	STV	84.59	356	P	40	29.83	-1.3	
	Z	18s	10.90um			6.2Msz	MOF	81.00	356	P	40	12.26	-0.4	ENR	84.60	356	P	40	29.62	-1.6
	N	18s	7.30um				SLE	81.02	355	iPc	40	12.60	0.0	SFI	84.62	352	Pc	40	32.50	1.4
	E	18s	4.70um				BSF	81.03	356	P	40	12.44	-0.4	PGD	84.67	353	P	40	32.90	1.2
			i	40	12.00		UZD	81.26	348	eP	40	14.20	0.3		1.2s	750.70nm		6.8mb		
			e	43	03.00		ZLA	81.30	355	ePc	40	14.20	0.0	FIR	84.81	353	iPc	40	33.00	0.9
			eS	50	00.00		WTTA	81.31	353	iPc	40	14.00	-0.4	HVAR	84.89	349	iPc	40	31.60	-0.9
			ePS	50	16.00				0.9s	153.00nm		6.0mb	HRT	84.89	339	eP	40	33.50	0.9	
				50	42.00		DEV	81.32	345	ePd	40	15.00	0.8	IMI	84.89	355	P	40	32.39	-0.3
ANN	79.18	335	eP	39	59.50	-3.3X	ERE	81.32	328	iP+	40	15.00	0.6	CRE	84.90	352	Pc	40	33.10	0.4
	Z	16s	2.50um			5.6MszX			1.2s	50.00nm		5.4mb	PII	84.92	353	P	40	32.40	-0.2	
	N	17s	7.00um							i	43	22.00	ARV	84.94	352	Pc	40	33.70	0.9	
	E	17s	6.00um							eS	50	27.00	GBZT	84.97	339	iPc	40	33.80	0.8	
			e	43	02.00		KBA	81.35	352	iPc	40	15.10	0.5	EYL	85.02	338	iP	40	34.00	0.6
			eS	49	58.00				0.9s	329.00nm		6.4mb	YLV	85.20	339	eP	40	34.50	0.3	
			eSP	51	00.00		BBS	81.37	356	P	40	14.05	-0.4	CDR	85.22	357	iPc	40	34.80	0.6
WLF	79.22	357	Pc	40	09.00	6.1X	LOMF	81.51	356	P	40	15.42	0.1	EMON	85.23	6	iPc	40	33.91	-0.4
BAK	79.26	324	iPc	40	05.00	1.7	TIM	81.73	346	iPc	40	16.00	-0.3	SKO	85.37	345	iPc	40	35.50	0.5
			iS	50	20.00		OGA	81.75	353	iPc	40	17.30	0.6		1.4s	344.00nm		6.4mb		
KHC	79.30	352	iPc	40	03.60	0.1			1.2s	73.00nm		5.6mb		Z	18s	3.63um		5.8Msz		
	1.4s	121.00nm				5.7mb	GZR	81.82	345	iPd	40	17.00	0.1			i	40	47.00		
	Z	20s	3.30um			5.7Msz	LLS	81.88	355	ePc	40	17.80	0.4			iPP	43	50.00		
	N	20s	1.80um				WB2	82.10	224	eP	40	17.90	-0.6			iPPP	45	52.00		
	E	18s	4.00um						0.8s	36.40nm		5.5mb			iS	50	39.00			
			e	40	17.00					e	40	28.20			i	52	10.00			
			e	40	47.60		WRA	82.11	224	P	40	15.10	-3.5X		iSS	56	42.00			
			S	50	00.00				1.4s	13.50nm		4.8mbX		LR	23	58.00				
WET	79.34	352	iPc	40	03.70	0.0	VDL	82.24	354	iPc	40	19.90	0.7	ASS	85.39	352	P	40	35.50	0.3
	1.5s	172.00nm				5.9mb	DRA	82.26	344	ePc	40	21.00	1.9	KKS	85.43	346	eP	40	35.50	0.2
	Z	18s	3.00um			5.7Msz	LJU	82.27	351	ePc	40	18.00	-1.2	ASPA	85.58	223	iPc	40	36.20	0.0
SHE	79.50	325	iPc+	40	05.00	0.4			e(S)	50	52.00			Z	21s	3.30um		5.7Msz		
	1.0s	350.00nm				6.3mb			e	51	38.00				epP	40	52.50	57kmX		
	Z	18s	7.00um			6.0Msz	ZAG	82.34	350	iPc	40	19.90	0.4			eS	50	54.20		
	N	18s	8.00um				VOY	82.34	351	ePc	40	18.70	-1.0	ARMA	85.58	205	iPc	40	37.10	1.0
	E	18s	7.00um				CTI	82.52	353	P	40	20.20	-0.4		0.7s	56.00nm		5.9mb		
GEC2	79.57	352	ePc	40	04.50	-0.5	VVI	82.52	352	Pc	40	20.30	-0.2			iP	40	53.50	58kmX	
	0.7s	25.03nm				5.3mb	CEY	82.58	351	ePc	40	19.80	-1.0	KER	85.63	324	eP	40	36.00	-0.6
			e	40	12.40		TAB	82.60	326	iP+	40	22.00	0.8	STS	85.69	7	iPc	40	36.31	-0.3
PTT	79.70	343	eP	40	04.00	-1.6	TMA	82.65	355	iPc	40	21.70	0.3	BNT	85.72	340	eP	40	37.50	0.7
SOC	79.71	333	iPc+	40	06.00	0.3	TRI	82.67	351	e(P)	40	20.60	-0.6	KCT	85.73	340	eP	40	36.60	-0.2
	2.0s	360.00nm				6.1mb			e(PP)	43	32.00		PHP	85.81	346	iPc	40	35.40	-1.8	
	Z	19s	11.50um			6.2Msz			e(PPP)	45	24.00		VAY	85.82	344	iP	40	37.40	0.2	
	N	19s	4.00um						e(SP)	51	40.00			1.3s	113.00nm		5.9mb			
	E	18s	2.00um						e(SSS)	59	44.00		SRS	85.84	343	e(P)c	40	36.64	-0.7	
			e	43	05.00		RMQ	82.71	209	iPc	40	22.00	0.5	LESF	85.94	0	P	40	38.18	0.4
			eS	50	05.00				1.5s	238.00nm		6.1mb	LACI	85.97	346	iPd	40	38.00	0.1	
			ePS	51	02.00		VBY	82.72	350	iPc	40	21.90	0.4	MTHF	86.03	359	P	40	38.84	0.5
PSZ	79.78	347	iPc	40	06.00	-0.2			i	40	40.90		AQU	86.03	351	Pc	40	39.10	0.7	
			eS	50	16.00		DIX	82.75	356	iPc	40	22.80	0.8	MNS	86.07	352	Pc	40	38.20	-0.3
LANF	79.84	356	P	40	06.49	0.1	MMK	82.75	355	iPc	40	23.00	1.0	GRBF	86.13	360	P	40	39.03	0.2
MTA	79.86	328	iPc+	40	07.00	0.5	TEH	82.77	321	eP	40	24.00	1.9	POO	86.14	295	iPc	40	40.00	0.8
	0.8s	560.00nm				6.6mb	EMS	82.78	356	ePc	40	23.00	0.9		0.9s	114.29nm		6.1mb		
			i	40	14.00		VAI	82.89	355	Pc	40	22.40	0.0	SOH	86.16	343	e(P)c	40	37.80	-1.2
			e	43	15.00		MDI	82.93	354	Pc	40	21.90	-0.6	MAO	86.17	353	P	40	38.90	-0.1
			ePPP	45	04.00		RIY	82.97	351	iPc	40	22.40	-0.4	GRG	86.20	344	e(P)c	40	38.80	-0.4
			e	50	21.00		SAL	83.04	354	P	40	23.30	0.2	TIR	86.22	346	eP	40	39.70	0.5
			ePS	50	57.00		AKKT	83.07	334	eP	40	24.00	0.4	ERUA	86.28	6	eP	40	39.55	0.0
			ePPS	51	07.00		ORO	83.18	355	P	40	24.30	0.3	ECRI	86.30	3	iPc	40	39.71	0.0
ZST	79.86	349	iPc	40	07.50	1.0	STH	83.20	70	iPd	40	24.51	0.1	OHR	86.31	345	iP	40	38.70	-1.1
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ALT	86.47	338	iP	40	41.00	0.4	EJIF	92.31	6	iPc	41	08.27	0.2	-SEP 30, 1992 03h 41m 23.61± 0.39s 39.306 N ± 5.2km 25.549 E ± 3.1km DEPTH = 10.0km (geophysicist) AEGEAN SEA (365) MD 3.5 (ATH), 3.2 (THE).			
FNA	86.54	345	e(P)c	40	40.37	-0.5	BPA	92.45	59	eP	41	08.97	0.0				
EZN	86.56	341	eP	40	39.40	-1.5	MGH	92.53	59	eP	41	09.80	0.4				
DUI	86.61	350	Pc	40	41.70	0.4	PLAT	92.62	6	iP	41	11.00	1.5				
RMP	86.64	352	P	40	41.30	0.0	OJEN	92.65	6	iP	41	12.00	2.3	PRK 0.56 96 ePb 41 35.00 0.0 EZN 0.79 49 iPg 41 37.40 -1.6 PAIG 1.57 294 ePb 41 51.00 -0.6 IZM 1.62 124 iPn 41 53.00 0.7 ALN 1.63 13 ePbc 41 52.36 -0.1 ATH 1.96 228 ePn 41 57.10 -0.1 MFT 1.99 41 ePn 41 57.00 -0.7 EDC 2.06 59 ePn 41 59.50 0.8 BNT 2.11 59 iPn 41 59.50 0.1 SOH 2.26 313 ePn 42 04.84 3.1X SRS 2.35 321 ePn 42 04.48 1.6 KCT 2.36 66 iPn 42 03.60 0.6 THE 2.39 305 ePn 42 03.00 -0.3 LIT 2.49 290 ePn 42 04.60 -0.2 AGG 2.52 265 ePn 42 05.20 -0.1 GRG 2.92 305 ePn 42 10.76 -0.2 VAY 3.04 312 iPn 42 13.00 0.4 YLV 3.20 66 ePn 42 18.00 3.0X VLI 3.31 219 ePn 42 15.60 -0.8 FNA 3.53 296 ePn 42 19.44 -0.2 IGT 4.05 275 ePn 42 27.54 0.6 S.D. = 0.8 on 19 of 21 obs.			
ETER	86.66	359	eP	40	40.91	-0.4	PAG	93.38	59	eP	41	13.10	-0.3				
RDP	86.69	352	P	40	41.60	0.0	DEG	93.48	59	eP	41	13.20	-0.6				
EGRA	86.76	1	eP	40	41.53	-0.3	EMEL	93.58	4	eP	41	12.14	-1.7				
BERA	86.84	346	eP	40	42.40	0.1	MGG	93.67	59	eP	41	14.30	-0.3				
KZN	86.94	345	eP	40	42.70	-0.2	MBH	93.95	331	eP	41	15.30	-0.5				
PAIG	86.97	343	e(P)	40	40.16	-2.8	TOO	94.02	208	eP	41	16.20	0.6	* SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)			
FG4	87.01	349	P	40	43.49	0.3	0.8s	23.00nm	5.7mb	LPB 115.54 85 PKP 46 50.00 9.0X Z 22s 2.22um 5.7Msz CNCB 115.82 85 PKP 46 41.90 0.2 CCH 117.40 84 ePKP 47 02.00 17.7X YJA 121.37 87 ePKPd 46 51.50 -0.5X TIC 121.92 7 PKPc 46 52.02 -0.6 KIC 122.22 7 PKPc 46 52.60 -0.6 LIC 122.33 8 PKPc 46 52.80 -0.6 0.9s 58.00nm TLL 123.77 97 ePKP 46 54.50 -1.7 LWI 125.85 325 iPKPc 47 00.50 -0.1 PEL 125.88 100 ePKP 46 59.00 -0.9 MDZ 126.84 98 e(PKP) 47 01.50 -0.3 BAO 127.00 66 PKPd 47 01.50 -1.1 e 47 14.50 e 47 51.10 e 49 01.00 e 49 06.00 e 49 13.00 e 49 38.00 e 50 32.50 e 50 53.10 BDF 127.07 66 e(PKP) 47 02.00 -0.7 e 47 11.00 e 47 15.00 e 47 19.00 e 49 08.00 e 49 15.00 e 49 24.00 PDCR 129.28 55 ePKP 46 49.70 -17.1X e 47 16.30 e 47 26.90 e 50 33.10 RSTA 133.36 75 ePKP 47 25.40 11.1X KRI 138.83 316 ePKP 47 24.90 -0.1 iPp 47 37.80 iPP 50 57.30 SPA 141.22 180 iPKPd 47 21.00 -6.8X 1.0s 41.00nm i 51 01.10 BUL 142.19 315 iPKPc 47 25.60 -5.3X AIA 144.68 138 ePKP 47 31.70 -1.9 MAW 146.57 218 iPKPc 47 36.20 -0.5 1.0s 100.00nm MAW 146.57 218 ePKP 47 48.00 11.3X 1.0s 101.00nm SLR 147.18 311 iPKPd 47 36.00 -3.2X 0.7s 428.00nm WIN 148.73 331 iPKPc 47 42.70 0.9 1.0s 150.00nm i 47 47.00 SEK 149.67 309 iPKPc 47 49.00 6.0X BLF 151.01 311 iPKPc 47 49.70 4.7X 0.7s 175.00nm POF 153.98 321 iPKPc 47 58.00 9.0X 0.7s 51.37nm i 48 13.00 SNA 160.95 176 iPKPd 47 55.60 -0.5 1.1s 68.35nm S.D. = 1.0 on 565 of 606 obs.							
RF1	87.02	351	P	40	43.79	0.7	MEEK	95.22	233	eP	41	20.50	-0.9				
1.3s	456.00nm	6.5mb	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)														
LIT	87.02	344	e(P)c	40	41.68	-1.5	AVE	95.30	7	iPd	41	21.20	-0.7	LPB 44.10 87 P 50 41.00 5.1X CNCB 44.11 87 P 50 36.00 -0.1 ZOBO 44.16 86 P 50 33.00 -3.6X CCH 45.56 89 eP 50 48.00 0.6 SIV 50.59 89 eP 51 26.00 -0.3 TUC 58.58 4 iPc 52 24.57 0.3 0.9s 5.78nm 4.7mb Z 21s 0.63um 4.7Msz PEC 60.10 357 ePc 52 34.86 0.2 0.9s 4.48nm 4.6mb ABL 61.17 356 eP 52 42.16 0.0 GSC 61.49 358 ePc 52 44.22 0.0 BCH 61.56 355 ePc 52 44.95 0.2 ALO 61.57 8 P 53 00.00 15.1X Z 20s 0.60um 4.7Msz SPA 63.67 180 iPd 52 57.40 -1.2 2.0s 75.00nm 5.5mb ARUT 63.94 1 ePd 53 00.75 0.2 BONR 64.20 357 ePd 53 02.41 0.0 CMB 64.42 355 eP 53 03.50 0.0 1.3s 9.18nm 4.8mb Z 18s 0.50um 4.7Msz MSU 64.70 2 iPc 53 05.75 0.2 SRU 65.36 3 iPc 53 09.27 -0.5 OLY 65.39 21 eP 53 09.16 -0.6 EMUT 66.05 3 iPd 53 15.21 1.0 DUG 66.36 1 iPd 53 16.01 0.0 1.1s 10.06nm 4.9mb GOL 66.39 8 P 53 30.00 13.5X Z 20s 0.94um 5.0Msz DAU 66.62 3 iPc 53 18.04 0.0 LBFM 67.83 354 eP 53 24.60 -0.9 FVM 68.00 20 P 53 40.00 13.6X Z 19s 0.86um 5.0Msz BW06 69.07 4 eP 53 31.00 -2.2 1.6s 18.42nm 5.0mb HHA1 69.46 2 eP 53 34.71 -0.7 RSSD 70.91 8 iPc 53 43.95 -0.5 0.9s 8.11nm 4.9mb Z 21s 1.07um 5.1Msz PDCR 71.56 95 eP 53 52.20 3.5X JFWS 72.59 18 P 54 00.00 5.8X Z 19s 0.60um 4.9Msz			
TPE	87.23	346	eP	40	44.20	0.0	SLB	95.55	60	eP	41	23.19	-0.1				
SGO	87.61	349	P	40	36.60	-9.3X	SOA	95.86	60	eP	41	24.94	0.3				
IGT	87.93	345	e(P)c	40	46.80	-0.8	SVV	95.87	60	eP	41	24.80	0.1	LPB 115.54 85 PKP 46 50.00 9.0X Z 22s 2.22um 5.7Msz CNCB 115.82 85 PKP 46 41.90 0.2 CCH 117.40 84 ePKP 47 02.00 17.7X YJA 121.37 87 ePKPd 46 51.50 -0.5X TIC 121.92 7 PKPc 46 52.02 -0.6 KIC 122.22 7 PKPc 46 52.60 -0.6 LIC 122.33 8 PKPc 46 52.80 -0.6 0.9s 58.00nm TLL 123.77 97 ePKP 46 54.50 -1.7 LWI 125.85 325 iPKPc 47 00.50 -0.1 PEL 125.88 100 ePKP 46 59.00 -0.9 MDZ 126.84 98 e(PKP) 47 01.50 -0.3 BAO 127.00 66 PKPd 47 01.50 -1.1 e 47 14.50 e 47 51.10 e 49 01.00 e 49 06.00 e 49 13.00 e 49 38.00 e 50 32.50 e 50 53.10 BDF 127.07 66 e(PKP) 47 02.00 -0.7 e 47 11.00 e 47 15.00 e 47 19.00 e 49 08.00 e 49 15.00 e 49 24.00 PDCR 129.28 55 ePKP 46 49.70 -17.1X e 47 16.30 e 47 26.90 e 50 33.10 RSTA 133.36 75 ePKP 47 25.40 11.1X KRI 138.83 316 ePKP 47 24.90 -0.1 iPp 47 37.80 iPP 50 57.30 SPA 141.22 180 iPKPd 47 21.00 -6.8X 1.0s 41.00nm i 51 01.10 BUL 142.19 315 iPKPc 47 25.60 -5.3X AIA 144.68 138 ePKP 47 31.70 -1.9 MAW 146.57 218 iPKPc 47 36.20 -0.5 1.0s 100.00nm MAW 146.57 218 ePKP 47 48.00 11.3X 1.0s 101.00nm SLR 147.18 311 iPKPd 47 36.00 -3.2X 0.7s 428.00nm WIN 148.73 331 iPKPc 47 42.70 0.9 1.0s 150.00nm i 47 47.00 SEK 149.67 309 iPKPc 47 49.00 6.0X BLF 151.01 311 iPKPc 47 49.70 4.7X 0.7s 175.00nm POF 153.98 321 iPKPc 47 58.00 9.0X 0.7s 51.37nm i 48 13.00 SNA 160.95 176 iPKPd 47 55.60 -0.5 1.1s 68.35nm S.D. = 1.0 on 565 of 606 obs.			
GBA	87.96	289	P	40	48.00	0.0	SVB	95.89	60	eP	41	24.84	0.0				
MGR	87.99	349	P	40	47.40	-0.4	TIO	97.67	7	iP	41	32.00	-0.9				
AGG	88.09	344	e(P)c	40	46.24	-2.2	ZOBO	115.34	84	PKP	46	39.00	-1.8	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)			
ETOR	88.10	3	iPc	40	47.85	-0.6	Z	24s	9.19um	6.3MszX	LPB 115.54 85 PKP 46 50.00 9.0X Z 22s 2.22um 5.7Msz CNCB 115.82 85 PKP 46 41.90 0.2 CCH 117.40 84 ePKP 47 02.00 17.7X YJA 121.37 87 ePKPd 46 51.50 -0.5X TIC 121.92 7 PKPc 46 52.02 -0.6 KIC 122.22 7 PKPc 46 52.60 -0.6 LIC 122.33 8 PKPc 46 52.80 -0.6 0.9s 58.00nm TLL 123.77 97 ePKP 46 54.50 -1.7 LWI 125.85 325 iPKPc 47 00.50 -0.1 PEL 125.88 100 ePKP 46 59.00 -0.9 MDZ 126.84 98 e(PKP) 47 01.50 -0.3 BAO 127.00 66 PKPd 47 01.50 -1.1 e 47 14.50 e 47 51.10 e 49 01.00 e 49 06.00 e 49 13.00 e 49 38.00 e 50 32.50 e 50 53.10 BDF 127.07 66 e(PKP) 47 02.00 -0.7 e 47 11.00 e 47 15.00 e 47 19.00 e 49 08.00 e 49 15.00 e 49 24.00 PDCR 129.28 55 ePKP 46 49.70 -17.1X e 47 16.30 e 47 26.90 e 50 33.10 RSTA 133.36 75 ePKP 47 25.40 11.1X KRI 138.83 316 ePKP 47 24.90 -0.1 iPp 47 37.80 iPP 50 57.30 SPA 141.22 180 iPKPd 47 21.00 -6.8X 1.0s 41.00nm i 51 01.10 BUL 142.19 315 iPKPc 47 25.60 -5.3X AIA 144.68 138 ePKP 47 31.70 -1.9 MAW 146.57 218 iPKPc 47 36.20 -0.5 1.0s 100.00nm MAW 146.57 218 ePKP 47 48.00 11.3X 1.0s 101.00nm SLR 147.18 311 iPKPd 47 36.00 -3.2X 0.7s 428.00nm WIN 148.73 331 iPKPc 47 42.70 0.9 1.0s 150.00nm i 47 47.00 SEK 149.67 309 iPKPc 47 49.00 6.0X BLF 151.01 311 iPKPc 47 49.70 4.7X 0.7s 175.00nm POF 153.98 321 iPKPc 47 58.00 9.0X 0.7s 51.37nm i 48 13.00 SNA 160.95 176 iPKPd 47 55.60 -0.5 1.1s 68.35nm S.D. = 1.0 on 565 of 606 obs.						
EROO	88.14	1	eP	40	48.04	-0.5	LPB	115.54	85	PKP	46	50.00	9.0X				
EBR	88.15	1	eP	40	48.00	-0.5	Z	22s	2.22um	5.7Msz	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)						
GUD	88.20	4	iPc	40	48.31	-0.7	CNCB	115.82	85	PKP	46	41.90	0.2				
CMS	88.27	210	eP	40	50.00	1.0	CCH	117.40	84	ePKP	47	02.00	17.7X				
TDS	88.37	348	P	40	44.25	-5.4X	YJA	121.37	87	ePKPd	46	51.50	-0.5X				
0.9s	48.30nm	5.8mb	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)														
TDS	88.37	348	P	40	49.90	0.2	TIC	121.92	7	PKPc	46	52.02	-0.6				
APR	88.65	62	P	40	51.50	0.2	KIC	122.22	7	PKPc	46	52.60	-0.6				
EPLA	88.67	6	iPc	40	50.77	-0.4	LIC	122.33	8	PKPc	46	52.80	-0.6	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)			
LRS	88.72	62	P	40	52.00	0.3	0.9s	60.00nm	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)								
YER	88.72	339	iP	40	50.00	-1.5	0.8s	49.50nm									
MGP	88.81	62	P	40	52.30	0.2	0.9s	58.00nm									
TOL	88.96	4	iPc	40	52.00	-0.5	TLL	123.77	97	ePKP	46	54.50	-1.7				
1.2s	593.75nm	6.8mb	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)														
PORP	89.03	62	P	40	53.20	0.1	LWI	125.85	325	iPKPc	47	00.50	-0.1				
CLLP	89.04	62	P	40	54.00	0.9	PEL	125.88	100	ePKP	46	59.00	-0.9				
GRI	89.19	348	P	40	53.20	-0.4	MDZ	126.84	98	e(PKP)	47	01.50	-0.3				
0.8s	204.80nm	6.5mb	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)														
ESEL	89.19	359	eP	40	53.24	-0.3	BAO	127.00	66	PKPd	47	01.50	-1.1				
SJG	89.25	62	P	40	55.40	1.2	e	47 14.50	SEP 30, 1992 04h 42m 24.96± 0.46s 26.487 S ± 9.0km 114.518 W ± 11.9km DEPTH = 10.0km (geophysicist) 4.9mb (9 obs.) 4.8Msz (8 obs.) EASTER ISLAND REGION (685)								
FAM																	

30d 04h

DPW 74.09 357 eP 54 02.45 -0.4
 NEW 74.44 358 eP 54 05.09 0.2
 1.2s 30.30nm 5.2mb
 SES 76.60 2 eP 54 18.00 0.9
 ULM 78.17 12 eP 54 27.50 1.8
 RSNY 79.58 28 eP 54 33.61 0.0

1.2s 19.97nm 5.0mb
 Z 20s 0.28um 4.6MsZ

MAW 86.18 179 P 55 01.50 -5.7X

HFS 131.41 32 ePKP 01 54.10 15.4X

0.3s 0.90nm

NST 146.03 259 ePKP 02 08.00 1.5

LZH 146.03 296 ePKP 02 05.00 -1.3

2.0s 57.00nm

KMI 146.50 276 ePKP 02 07.50 0.1

CHG 148.26 263 ePKP 02 11.00 0.9

MAIO 168.96 26 ePKP 02 34.00 0.6

S.D. = 0.8 on 32 of 41 obs.

* SEP 30, 1992 04h 48m 25.07 ± 1.07s

6.314 N ± 13.0km 72.307 W ± 13.5km

DEPTH = 33.0km (normal)

NORTHERN COLOMBIA (99)

BMG 1.07 315 iPc 48 44.00 0.1

FUO 1.65 240 iP 48 52.00 -0.5

BOG 2.43 226 eP 49 04.00 0.4

iS 49 35.00

SDV 3.05 33 iPnc 49 12.80 0.5

eSn 49 50.60

TOV 4.25 36 ePn 49 28.70 -0.6

eSn 50 17.80

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

SEP 30, 1992 05h 34m 00.30 ± 0.12s

51.281 N ± 2.9km 178.037 W ± 1.7km

DEPTH = 33.0km (normal)

6.1mb (168 obs.) 6.6MsZ (69 obs.)

ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ML 5.8 (PMR), Ms 6.8 (BRK).

Mo=2.0*10**19 Nm (PPT). Felt (V)

on Adak and (11) on Amchitka.

Complex event observed on

brodbond displacement

seismograms.

FAULT PLANE SOLUTION: P-Waves

NP1:Strike=65 Dip=80 Slip=90

NP2: 245 10 90

Principal Axes:

T P1g=55 Azm=335

P 35 155

Comment: The focal mechanism is

poorly controlled and

corresponds to reverse

faulting. The preferred fault

plane is NP2.

RADIATED ENERGY

No. of sta: 23 Focal mech. M

Energy 3.6 ± 0.7 * 10**13 Nm

MOMENT TENSOR SOLUTION

Dep 8 No. of sta: 31

Moment Tensor: Scale 10**18 Nm

Mrr=4.22 Mtt=-5.21

Mff=0.99 Mrt=6.03

Mrf=5.41 Mtf=-0.96

Principal axes:

T Val=9.61 P1g=55 Azm=302

N -0.31 17 58

P -9.30 29 157

Best Double Couple: Mo=9.5*10**18

NP1:Strike=286 Dip=22 Slip=141

NP2: 54 77 73

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.8.: 32S, 81C M.W.: 15S, 35C

Centroid Location:

Origin Time 05:34: 6.2 0.1

Lat 51.20N 0.01 Lon 178.01W 0.02

Dep 15.0 FIX Half-duration 4.4

Moment Tensor: Scale 10**18 Nm

Mrr=4.46 0.05 Mtt=-4.14 0.05

Mff=-0.32 0.04 Mrt=7.16 0.21

Mrf=4.10 0.21 Mtf=-1.74 0.04

Principal Axes:

T Val=9.33 P1g=59 Azm=325

N 0.27 4 62

P -9.60 30 155

Best-Double Couple: Mo=9.5*10**18
 NP1:Strike=258 Dip=15 Slip=106
 NP2: 61 75 86

ADK 1.04 54 ePnd 34 19.65 1.1

SMY 5.07 290 ePn 35 19.21 3.3X

SDN 11.25 62 eP 36 40.70 -0.9

PET 14.41 286 iP+ 37 24.00 0.5

1.2s 400.00nm 5.8mb

Z 22s 381.30um 5.0MsZ

N 18s 110.10um

E 22s 260.90um

eS 40 04.00

ANM 14.88 22 eP 37 32.96 3.3X

MCNL 15.60 50 eP 37 39.71 0.7

SVW 15.80 43 eP 37 43.00 1.3

0.9s 1139.58nm 6.0mb

CDD 15.85 52 eP 37 38.72 -3.6X

PDB 15.88 48 eP 37 43.49 0.8

KDC 16.12 56 eP 37 42.25 -3.4X

0.7s 517.36nm 5.8mb

SKR 16.28 278 iPc 37 46.00 -1.8

0.9s 1100.00nm 6.0mb

Z 18s 119.50um 5.6MsZ

N 12s 34.60um

E 18s 109.40um

eS 40 44.10

OPT 16.29 49 eP 37 49.25 1.4

SYI 16.38 53 eP 37 46.39 -2.6

TTA 16.60 37 eP 37 54.05 2.2

ILT 16.68 359 iPd 37 58.00 5.3X

1.4s 1081.00nm 5.8mb

Z 16s 39.00um 4.7MsZ

N 16s 25.00um

E 16s 22.00um

RED 16.78 47 eP 37 55.87 1.8

RDT 17.00 47 eP 37 58.53 1.6

BKG 17.26 45 eP 38 02.36 2.3X

CKL 17.27 45 eP 38 02.56 2.2X

BGL 17.28 45 eP 38 03.03 2.7X

CKN 17.35 45 eP 38 04.15 2.9X

CRP 17.38 45 ePc 38 03.84 2.1

SPU 17.39 45 ePc 38 03.61 1.8

SKT 17.95 43 eP 38 08.86 0.3

SLKM 17.99 48 eP 38 08.34 -0.9

SUA 18.09 45 eP 38 11.00 0.6

SEW 18.24 50 eP 38 10.67 -1.5

MPA 18.39 49 eP 38 13.32 -0.7

PWA 18.54 45 eP 38 18.00 2.2

PMS 18.54 46 eP 38 16.20 0.3

PTE 18.67 48 eP 38 15.51 -1.8

PMR 18.85 46 eP 38 18.29 -1.4

0.7s 187.42nm 5.4mb

KTH 18.90 39 eP 38 20.13 -0.1

LTI 19.00 51 eP 38 19.63 -1.8

KNK 19.10 47 eP 38 22.04 -0.6

TRF 19.10 40 eP 38 21.46 -1.4

KNIM 19.13 50 eP 38 20.26 -2.7X

SML 19.28 45 eP 38 23.62 -1.2

IMA 19.29 31 P 38 25.10 0.2

MGD 19.49 309 ePc+ 38 28.00 0.9

0.8s 170.00nm 5.4mb

Z 18s 116.00um 4.9MsZ

N 18s 36.00um

E 18s 100.00um

eS 42 00.00

GLI 19.57 49 eP 38 25.99 -2.1

MID 19.61 53 eP 38 31.20 2.7

RND 19.66 41 eP 38 26.78 -2.3

MLY 19.70 35 eP 38 29.21 -0.2

HIN 19.74 50 eP 38 28.52 -1.3

SCM 19.74 46 eP 38 27.32 -2.7X

MCK 19.77 40 eP 38 28.03 -2.1

FLD 19.83 49 eP 38 29.23 -1.6

VLZ 20.00 48 eP 38 31.26 -1.2

NEA 20.09 37 eP 38 32.01 -1.5

KLU 20.29 47 eP 38 34.04 -1.6

TOA 20.35 46 eP 38 35.30 -0.9

SGAM 20.39 50 eP 38 36.95 0.4

WRM 20.43 38 eP 38 36.20 -0.7

CCB 20.61 38 eP 38 37.13 -1.7

COL 20.73 37 ePc 38 38.94 -1.1

F8A 20.73 37 eP 38 40.02 0.0

SDG 20.76 45 eP 38 38.93 -1.5

HMT 20.81 51 eP 38 41.76 0.8

HDA 20.84 39 eP 38 40.47 -0.8

GLM 20.92 37 eP 38 41.85 -0.3

PAX 20.93 44 eP 38 40.29 -2.0

DJE 21.21 41 eP 38 43.08 -1.9

GLB 21.26 48 eP 38 43.36 -2.2

BALM 21.87 50 eP 38 52.32 0.6

BRW 22.28 18 eP 38 55.75 0.1

KUR 23.34 268 iPc 39 08.50 2.3

1.0s 1100.00nm 6.3mb

Z 16s 28.20um 5.8MsZ

N 16s 61.60um

E 16s 30.80um

i 39 32.00

SIT 25.33 60 eP 39 25.54 0.4

1.3s 610.72nm 6.0mb

Z 21s 65.18um 6.1MsZ

YSS 25.80 276 iP+ 39 32.00 2.3

iS 43 59.00

KUSJ 26.37 267 eP 39 32.90 -2.1

ASAJ 27.16 270 eP 39 43.40 1.2

ERM 27.92 266 ePc 39 50.26 1.2

SAP 28.51 269 eP 39 58.00 3.6X

eS 44 44.00

MRRJ 29.00 268 eP 40 00.20 1.3

YAK 29.83 311 ePc 40 08.40 2.3

1.8s 244.00nm 5.7mb

ePPP 41 12.00

iS 44 56.00

i 46 54.00

i 50 44.00

OFUJ 30.52 262 eP 40 14.10 1.6

TIK 30.95 330 iPd+ 40 15.00 -0.9

2.0s 210.00nm 5.6mb

Z 16s 190.00um 6.8MsZ

i 41 32.00

i 43 13.00

i 50 46.00

YAMJ 32.09 262 eP 40 30.90 4.7X

KAKJ 33.24 259 P 40 35.70 -0.5

NIJ 33.31 262 P 40 36.60 -0.2

MBC 33.52 22 eP 40 38.00 -0.3

1.0s 96.00nm 5.7mb

HON 33.75 145 P- 40 47.79 7.0X

Z 20s 178.49um 6.8MsZ

S 46 20.90

DHM 33.87 145 (P) 40 46.44 4.6X

CHJJ 34.07 260 P 40 43.20 -0.3

MAJO 34.24 262 ePc 40 44.58 -0.4

ec 40 46.07

ec 40 49.38

ed 41 01.79

MAT 34.24 262 P 40 46.00 1.0

MTMJ 34.47 262 P 40 46.50 -0.5

PGC 34.53 72 eP 40 48.50 1.2

1.1s 141.00nm 5.8mb

MCW 34.89 72 ePc 40 51.41 1.0

YKA 34.95 46 eP 40 49.00 -1.7

0.8s 76.70nm 5.7mb

[illegible]

30d 05h

PIP	58.04	259	eP	43	55.50	3.2X	-Z	19s	52.01um	6.7MsZ	-	Z	18s	39.36um	6.7MsZ				
SIO	58.26	71	eP	43	52.70	-1.0	KMI	64.21	279	ePc	44	33.03	-1.3	ec	45	02.93			
TUL	58.45	71	eP	43	53.70	-1.4		1.5s	60.00nm	5.5mb				S	54	06.17			
	0.9s	243.70nm			6.3mb		Z	23s	31.20um	6.4MsZ	JSC	67.98	62	ePc	44	57.45			
Z	18s	20.28um			6.3MsZ		N	20s	31.00um		LHS	68.09	62	iPc	44	58.08			
		LR	04	30.00			E	17s	15.00um		UNM	68.24	86	(P)	45	03.50			
LNO	58.45	71	e(P)	43	51.90	-3.1X			ec	44	34.44		UPP	68.49	352	iP	44	59.90	
TRO	58.76	353	eP	43	56.13	-0.6			ec	44	37.92				iS	54	10.00		
KTK1	59.00	351	eP	43	57.52	-1.0			ed	44	42.30				iP'P'	13	08.60		
GZH	59.05	269	Pd	43	59.20	-0.2			ed	44	43.88		HFS	68.54	354	eP	45	00.30	
N	17s	10.40um							ed	44	45.28			0.7s	41.80nm			-0.7	
HKC	59.10	268	iP	44	03.90	4.2X			S	53	00.00		Z	17s	17.68um			6.4MsZ	
		S	52	08.00			QIZ	64.24	269	ePc	44	34.11	-0.2		LR	08	50.00		
APA	59.17	347	iPd	44	00.40	0.7		1.5s	320.00nm	6.2mb									
CD2	59.46	282	eP	44	00.80	-1.4	N	18s	7.25um		KSH	68.98	307	P	45	05.00	0.7		
	Z	18s	65.90um		6.8MsZ		E	15s	13.60um			0.7s	70.00nm					5.8mb	
	E	17s	43.10um						ec	44	35.60		Z	22s	62.70um			6.8MsZ	
		sP	44	20.00					ic	44	38.83		N	18s	48.90um				
CCM	59.64	66	eP	44	01.20	-2.1			ed	44	43.13		E	18s	63.40um				
		e	44	03.19			AGX	64.40	87	(P)	44	35.00	-0.3		sP	45	19.00		
		e	44	06.83			LAT	65.07	219	eP	44	45.00	5.4X		PP	47	43.00		
		e	44	10.31			CBM	65.16	45	eP	44	38.47	-1.4	IIT	69.02	86	(P)	45	05.00
		e	44	12.21			GBTN	65.32	63	ePc	44	40.17	-0.9	SGS	69.20	63	eP	45	05.24
WMO	59.80	303	ePc	44	02.81	-1.6	TLG	65.42	309	eP	44	43.00	1.3	KONO	69.25	356	ePc	45	03.03
	1.2s	160.00nm			6.0mb			4.0s	108.00nm	5.3mb				ec	45	04.35		-2.4	
Z	24s	63.60um			6.7MsZ				e	54	36.00			ed	45	16.27			
N	18s	52.70um					BNH	65.49	49	eP	44	40.53	-1.5	MOS	69.32	339	iPc	45	05.00
E	18s	47.60um					PRZ	65.50	308	eP	44	46.00	3.6X		2.0s	970.00nm		-0.9	
		ic	44	08.27			AAA	65.63	309	iP	44	44.00	1.0	Z	18s	67.00um		6.5mb	
		ed	44	13.40				Z	20s	24.00um				eS	54	14.00		6.9MsZ	
		ed	44	14.81				N	20s	22.50um		HBF	69.47	63	eP	45	07.28	0.1	
		PP	46	21.00				E	20s	13.40um		IISM	69.63	85	(P)	45	10.00	1.7	
SLM	59.82	65	P	44	10.00	5.5X	PPR	65.79	255	ePc	44	46.00	1.7	ACX	69.66	88	(P)	45	11.00
Z	20s	122.53um			7.0MsZ		NAV	66.01	60	ePc	44	44.89	-0.6	OBN	70.14	340	iPd	45	10.00
FVM	60.16	66	eP	44	05.52	-1.3	MIM	66.03	47	(P)	44	46.11	0.7		Z	18s	48.00um		-0.8
	0.5s	286.06nm			6.7mb		BLA	66.29	60	eP	44	46.64	-0.7			iS	54	24.00	6.8MsZ
Z	18s	42.86um			6.6MsZ			0.9s	266.50nm	6.3mb						iS	54	24.00	
		S	52	10.79			MOL	66.41	357	eP	44	47.29	-0.3	KKM	70.25	254	ePc	45	11.20
EEO	60.23	52	eP	44	08.50	1.3	LVNJ	66.60	54	eP	44	47.64	-1.5	SHL	70.54	287	iP	45	12.80
UYO	60.45	71	iPc	44	07.00	-1.8	TXNY	66.62	53	iP	44	49.80	0.5		1.0s	310.00nm		-1.2	6.3mb
LOF	60.60	355	eP	44	08.21	-1.2	TBR	66.63	53	eP	44	49.10	-0.3	LOE	70.54	274	eP	45	12.00
MIAR	60.71	70	ePc	44	09.76	-0.8	MRX	66.70	87	(P)	44	50.00	-0.1	TSM	70.64	252	ePc	45	15.90
	1.6s	19.81nm			5.0mb		PNJ	66.83	53	iP	44	51.80	1.1	PMO	71.05	149	iP	45	21.30
Z	18s	30.38um			6.5MsZ		GMTN	66.84	53	iP	44	51.50	0.8		1.2s	135.00nm		4.5X	5.9mb
		ec	44	11.09			HRV	66.91	50	eP	44	50.43	-0.7	TPT	71.13	149	iP	45	21.70
		ec	44	15.31				0.7s	53.36nm	5.8mb			1.2s	160.00nm			6.0mb	4.4X	
		ed	44	20.28				Z	18s	60.32um		CHG	71.23	277	ePc	45	17.00	-1.1	
		S	52	34.80									1.7s	336.54nm			6.1mb		
GYA	60.81	277	iPc	44	10.00	-1.5	PUL	66.95	345	eP+	44	51.00	-0.1		eS	54	20.00		
	1.0s	240.00nm			6.3mb			66.95	345	eP+	44	51.00	-0.1	AAI	71.29	238	eP	45	17.50
N	19s	23.40um					NUR	67.08	348	eP	44	52.00	0.1	VAH	71.36	149	iP	45	22.90
E	19s	23.70um							e	49	16.00			1.2s	175.00nm		-0.9	4.2X	
		sP	44	28.00					eS	54	00.00		RUV	71.39	149	iP	45	23.30	
		PP	46	29.00			FRU	67.08	310	eP	44	54.40	2.1		1.2s	165.00nm		4.4X	5.9mb
PLP	60.95	250	ePc	44	11.20	-1.2			eS	54	00.00		OXX	71.46	86	(P)	45	20.00	
TGY	61.08	256	ePc	44	14.50	1.2		2.8s	520.00nm	6.1mb		BDT	72.37	276	eP	45	22.50	0.2	
OLY	61.28	68	ePc	44	12.40	-2.1	Z	22s	62.00um	6.8MsZ			1.0s	82.80nm			-2.3	5.7mb	
ELC	61.33	65	eP	44	12.85	-2.0	N	22s	66.00um		MUD	72.46	356	eP	45	26.00	1.2		
ELF	61.51	56	P	44	16.00	0.0			e	47	26.00			1.1s	90.00nm			5.7mb	
DLA	61.62	56	P	44	17.15	0.5			ePPP	49	00.00			i	46	00.00			
LDN	61.69	56	P	44	17.00	-0.2			eS	53	46.00		ELO	72.51	3	eP	45	23.70	
ACTO	61.87	55	P	44	18.30	-0.1	CBN	67.19	57	eP	44	53.00	0.1	EAB	72.77	4	eP	45	26.30
SVE	61.95	328	iPd	44	19.00	0.3		1.0s	100.00nm	5.9mb			1.3s	195.00nm			-0.3	5.9mb	
	2.9s	800.00nm			6.3mb		SWI	67.29	237	ePc	44	52.00	-1.8	NST	72.85	274	eP	45	28.50
	Z	21s	65.00um		6.8MsZ		AAK	67.29	310	ePc	44	51.87	-1.9	AFR	72.86	152	iP	45	31.70
	N	21s	45.00um						ec	44	54.02			1.0s	225.00nm		4.2X	6.1mb	
	E	21s	39.00um						ic	44	57.58		MNK	73.02	344	eP	45	23.00	
		iS	52	48.00					ed	45	03.29			Z	24s	37.00um		-5.1X	6.6MsZ
		iPS	53	00.00					ed	45	05.03			N	24s	20.60um			
		i	54	04.00			LMN	67.46	44	ePd	44	56.30	1.7		e	48	02.00		
MAP	62.21	251	ePc	44	19.00	-1.9	PMG	67.51	218	eP	44	59.00	3.9X	COP	73.05	354	iP+	45	30.00
TYNO	62.33	55	P	44	21.08	-0.4	PRM	67.51	63	eP	44	53.82	-1.2		eS	54	49.00		1.8
AKU	62.35	9	eP	44	27.00	5.8X	NB2	67.79	355	P	44	54.60	-1.8		0.8s	95.52nm			5.8mb
	1.0s	64.00nm			5.7mb			0.9s	45.40nm	5.6mb					eS	54	56.00		
Z	21s	35.84um			6.5MsZ		LSA	67.92	290	ePc	44	58.97	0.7	EDI	73.08	3	eP	45	28.90
WLVO	62.49	53	P	44	22.19	-0.3		0.7s	7.00nm	4.9mb		ESY	73.10	3	eP	45	28.70	0.5	
BIP	62.56	247	eP	44	18.00	-5.2X		Z	19s	71.20um		EAU	73.15	3	eP	45	30.70	0.1	
STCO	62.61	54	P	44	24.63	1.4		N	18s	49.90um		EBL	73.23	3	eP	45	31.00	1.7	
ARU	62.95	329	ePc	44	23.62	-1.7		E	20s	33.30um			1.4s	93.00nm				5.6mb	
		ec	44	25.36					ec	45	00.63		BSD	73.43	352	iP	45	30.50	
		ec	44	29.08					ic	45	03.94			0.7s	44.00nm			5.6mb	
		ed	44	33.72					ed	45	08.66		EKA	73.67	3	P	45	32.00	
		ed	44	35.79					ed	45	12.13			1.2s	114.70nm			5.7mb	
SVO	63.16	205	eP	44	26.00	-1.1			PP	47	34.00		ESK	73.68	3	(P)	45	33.67	
WWKK	63.72	224	eP	44	30.60	-0.3			ScS	54	50.00			1.5s	350.00nm			6.1mb	
RSNY	63.95	51	eP	44	30.59	-1.5	CEH	67.98	60	ePc	44	56.80	-1.2	RAR	73.94	162	P	45	42.94
	0.9s	40.12nm			5.5mb			0.7s	274.47nm	6.5mb				ed	45	40.00		6.2X	

BAK	79.58	325	iPc	46	06.00	0.8
Z	18s	128.30um				7.3Msz
N	18s	97.58um				
E	18s	53.09um				
BMR	79.71	345 <td>ePc</td> <td>46</td> <td>10.00</td> <td>4.2X</td>	ePc	46	10.00	4.2X
GEC2	79.75	352 <td>eP</td> <td>46</td> <td>04.90</td> <td>-1.2</td>	eP	46	04.90	-1.2
	1.6s	137.33nm				5.7mb
		e	46	12.70		
GEC2	79.75	352 <td>eP</td> <td>46</td> <td>15.60</td> <td>9.5X</td>	eP	46	15.60	9.5X
	0.6s	20.36nm				5.3mb X
		e	46	17.70		
		e	46	24.20		
		ePKKP	04	50.80		
		e	05	01.90		
		eP'P'	05	07.20		
		e	13	01.20		
		e	13	08.30		
		e	13	16.20		
SHE	79.82	326 <td>iPd+</td> <td>46</td> <td>07.00</td> <td>0.6</td>	iPd+	46	07.00	0.6
	1.2s	600.00nm				6.5mb
Z	22s	80.00um				7.0Msz
N	22s	72.00um				
E	21s	75.00um				
		iS	56	14.00		
		iPS	57	10.00		
PTT	79.93	343 <td>eP</td> <td>46</td> <td>06.00</td> <td>-1.0</td>	eP	46	06.00	-1.0
PSZ	79.99	348 <td>eP</td> <td>46</td> <td>08.10</td> <td>0.7</td>	eP	46	08.10	0.7
		iS	56	10.00		
LANF	79.99	356 <td>P</td> <td>46</td> <td>06.68</td> <td>-0.6</td>	P	46	06.68	-0.6
SOC	80.00	333 <td>eP</td> <td>46</td> <td>07.50</td> <td>0.1</td>	eP	46	07.50	0.1
	1.0s	310.00nm				6.3mb
Z	22s	47.00um				6.8Msz
N	21s	24.00um				
E	17s	7.00um				
		eS	56	11.50		
		e	56	23.00		
		ePS	57	07.00		
H0FF	80.03	356 <td>P</td> <td>46</td> <td>07.45</td> <td>0.0</td>	P	46	07.45	0.0
ZST	80.06	350 <td>eP</td> <td>46</td> <td>07.70</td> <td>0.1</td>	eP	46	07.70	0.1
		i	15	33.20		
SRBF	80.06	356 <td>P</td> <td>46</td> <td>07.92</td> <td>0.3</td>	P	46	07.92	0.3
MTA	80.16	329 <td>iP</td> <td>46</td> <td>08.80</td> <td>0.5</td>	iP	46	08.80	0.5
	0.8s	1120.00nm				6.9mb
Z	22s	2.50um				5.5MszX
N	22s	14.00um				
E	22s	15.00um				
		iPPP	51	03.00		
		iS	56	15.00		
		ePS	57	21.00		
SIM	80.19	337 <td>eP</td> <td>46</td> <td>06.00</td> <td>-2.4</td>	eP	46	06.00	-2.4
Z	24s	45.00um				6.7MszX
		i	46	14.20		
		e	49	06.00		
		eS	56	08.00		
		ePS	57	09.00		
SRO	80.29	349 <td>iP</td> <td>46</td> <td>09.80</td> <td>0.9</td>	iP	46	09.80	0.9
FLN	80.31	2 <td>eP</td> <td>46</td> <td>08.10</td> <td>-0.9</td>	eP	46	08.10	-0.9
	1.2s	554.60nm				6.4mb
Z	21s	10.85um				6.2Msz
LDF	80.49	1 <td>eP</td> <td>46</td> <td>09.00</td> <td>-0.9</td>	eP	46	09.00	-0.9
	1.3s	675.85nm				6.5mb
KMR	80.49	352 <td>iP+</td> <td>46</td> <td>09.50</td> <td>-0.5</td>	iP+	46	09.50	-0.5
WLS	80.58	356 <td>P</td> <td>46</td> <td>10.12</td> <td>-0.4</td>	P	46	10.12	-0.4
CDF	80.58	356 <td>P</td> <td>46</td> <td>09.91</td> <td>-0.7</td>	P	46	09.91	-0.7
QIS	80.60	220 <td>eP</td> <td>46</td> <td>10.80</td> <td>0.0</td>	eP	46	10.80	0.0
FUR	80.61	354 <td>eP</td> <td>46</td> <td>10.00</td> <td>-0.7</td>	eP	46	10.00	-0.7
Z	15s	15.00um				6.5MszX
		eS	56	32.00		
GRR	80.68	2 <td>eP</td> <td>46</td> <td>10.40</td> <td>-0.5</td>	eP	46	10.40	-0.5
	1.2s	439.15nm				6.3mb
IPM	80.77	266 <td>ePd</td> <td>46</td> <td>11.50</td> <td>-0.5</td>	ePd	46	11.50	-0.5
	0.9s	41.90nm				5.4mb
ECH	80.78	356 <td>P</td> <td>46</td> <td>11.13</td> <td>-0.4</td>	P	46	11.13	-0.4
VITF	80.82	357 <td>P</td> <td>46</td> <td>11.55</td> <td>-0.2</td>	P	46	11.55	-0.2
LIBD	80.83	356 <td>P</td> <td>46</td> <td>11.55</td> <td>-0.2</td>	P	46	11.55	-0.2
VRI	80.90	343 <td>ePd</td> <td>46</td> <td>12.50</td> <td>0.3</td>	ePd	46	12.50	0.3
BHG	80.93	353 <td>eP</td> <td>46</td> <td>11.90</td> <td>-0.4</td>	eP	46	11.90	-0.4
HAU	81.02	357 <td>eP</</td>	eP</			

30d 05h

UZD	81.46	348	eP	46	15.00	-0.1	RSL	83.33	357	P	46	24.79	-0.2	ASS	85.57	352	P	46	36.90	0.7
ZLA	81.46	356	ePd	46	15.40	0.2	ORO	83.34	356	P	46	27.50	2.5	MMB	85.58	344	iPc	46	40.00	3.7X
WTTA	81.48	353	eP	46	14.50	-0.9	PYM	83.35	359	P	46	25.31	0.3	SKO	85.59	346	iP	46	36.60	0.4
	1.0s	198.00nm				6.1mb	LPL	83.50	357	eP	46	26.50	0.6		1.1s	352.00nm				6.5mb
BBS	81.52	356	P	46	14.95	-0.5		1.6s	214.55nm				6.0mb	Z	18s	22.26um				6.6Msz
KBA	81.53	352	iP	46	15.50	-0.2	LPG	83.51	357	eP	46	26.90	0.8				iPcP	46	42.20	
	1.1s	803.00nm				6.6mb		1.3s	200.00nm				6.1mb				i	46	57.00	
DEV	81.54	345	ePc	46	20.00	4.5X	LSD	83.54	356	P	46	26.77	0.6				i	47	45.00	
TNR	81.54	344	ePc	46	15.00	-0.6	COLF	83.57	359	P	46	26.09	0.0				i	48	20.00	
ERE	81.63	328	iP+	46	16.00	-0.2	PVL	83.72	343	eP	46	27.00	0.2				iPP	49	58.00	
			e	49	28.00		RJF	83.80	0	eP	46	26.80	-0.4				iPPP	52	18.00	
			iS	56	33.00			1.3s	472.20nm				6.5mb				iSKS	57	00.00	
			iPS	57	36.00		Z	19s	9.55um				6.2Msz				iPS	58	14.00	
LOMF	81.66	357	P	46	15.81	-0.4	SSB	83.80	358	P	46	27.20	0.0				iSS	02	55.00	
LOR	81.82	359	eP	46	16.50	-0.4	RSP	83.84	356	P	46	29.06	1.5				iSSS	06	43.00	
	1.3s	290.25nm				6.1mb	LBL	83.86	359	P	46	27.78	0.2				LR	32	26.00	
OGA	81.92	354	iPc	46	18.90	1.2	BN1	83.96	357	P	46	29.40	1.2	ARMA	85.63	206	eP	46	37.20	0.7
	1.0s	57.00nm				5.6mb	TRHT	83.98	334	eP	46	28.80	0.5		1.0s	168.00nm				6.2mb
TIM	81.94	347	iPc	46	20.00	2.4	RRL	84.09	357	P	46	29.97	1.0				iPp	46	57.00	72kmX
SSF	82.03	359	eP	46	17.60	-0.4	BOB	84.11	355	P	46	29.50	0.6	BDV	85.67	348	iPc	46	35.29	-1.3
	1.0s	168.00nm				6.0mb	BHB	84.15	356	P	46	28.84	-0.2	LMR	85.68	357	eP	46	36.40	-0.2
GZR	82.04	345	iPd	46	18.00	-0.2	LFF	84.16	1	eP	46	28.90	-0.1		1.2s	254.70nm				6.3mb
LLS	82.04	355	Pd	46	18.50	0.1		1.3s	820.25nm				6.7mb	ASPA	85.74	223	eP	46	35.40	-1.7
LBF	82.10	359	eP	46	17.80	-0.7	CAF	84.17	360	eP	46	29.20	0.1	Z	22s	51.70um				6.9Msz
	1.1s	122.60nm				5.9mb		1.4s	548.70nm				6.5mb				eS	57	02.40	
WB2	82.27	225	iPc	46	18.30	-1.3	JMB	84.20	342	iP	46	30.00	0.7	STS	85.77	8	eP	46	36.22	-0.9
	0.8s	35.00nm				5.5mb	QLP	84.35	213	iPd	46	30.30	0.3	ALN	85.82	342	e(P)	46	37.20	-0.2
WRA	82.28	225	P	46	18.60	-1.0		0.9s	278.00nm				6.4mb	ULC	85.92	347	iPc	46	36.52	-1.4
	0.8s	17.90nm				5.2mb	PCP	84.39	355	P	46	29.68	-0.6	KER	85.95	324	eP	46	45.00	6.7X
AVF	82.30	359	eP	46	19.00	-0.4	LPO	84.42	1	eP	46	30.10	-0.2	BNT	85.96	340	eP	46	36.50	-1.6
	1.1s	207.10nm				6.1mb		1.2s	464.15nm				6.5mb	KCT	85.97	340	eP	46	38.60	0.4
VDL	82.40	355	ePd	46	20.70	0.5	DOI	84.49	356	P	46	30.80	0.0	VAY	86.04	345	iP	46	38.70	0.2
SMF	82.44	359	eP	46	19.70	-0.5	PZZ	84.49	356	P	46	31.22	0.4		0.7s	131.00nm				6.3mb
	1.0s	283.20nm				6.3mb	CKI	84.52	355	P	46	31.90	1.1	EPF	86.06	1	eP	46	37.80	-0.8
BRS	82.45	206	iPd	46	20.90	0.6	PLE	84.56	347	iPc	46	31.79	0.6	SRS	86.06	344	e(P)	46	38.36	-0.3
	1.0s	4.00nm				4.4mb X	PGB	84.57	344	eP	46	32.00	0.8	LSPF	86.15	0	P	46	39.57	0.6
			i	46	23.20		DMK	84.59	341	eP	46	31.40	0.2	AOU	86.21	352	P	46	40.10	0.7
			i	46	26.00		MME	84.61	354	P	46	32.93	1.4	MNS	86.25	352	P	46	38.80	-0.7
			iSKS	56	34.00			1.1s	509.20nm				6.6mb	GRBF	86.26	0	P	46	39.90	0.3
PTJ	82.45	350	eP	46	19.90	-0.5	ROB	84.67	356	P	46	30.74	-0.9	MAO	86.34	353	P	46	40.70	0.8
LJU	82.45	351	eP	46	20.60	0.3	HYB	84.70	291	ePd	46	32.00	-0.1	PGF	86.35	355	eP	46	39.60	-0.5
			eS	56	41.00			1.0s	190.00nm				6.2mb		0.9s	311.85nm				6.5mb
MFF	82.48	1	eP	46	20.20	-0.2			eS	56	56.00			ERUA	86.37	7	eP	46	38.85	-1.3
	1.1s	410.25nm				6.4mb	VTS	84.70	344	iPc	46	31.00	-1.0	SOH	86.39	344	e(P)	46	40.36	0.1
DRA	82.49	344	ePc	46	22.00	1.5	RSM	84.74	352	P	46	34.00	2.1	ECRI	86.41	3	eP	46	40.06	-0.3
VOY	82.52	352	eP	46	22.10	1.3	FIN	84.74	355	P	46	31.00	-1.0	GRG	86.42	345	e(P)	46	40.92	0.5
ZAG	82.53	350	eP	46	21.00	0.4	STV	84.74	356	P	46	32.31	0.3	POO	86.53	295	iPc	46	41.50	0.3
			iS	56	44.50		ENR	84.76	356	P	46	30.74	-1.4	OHR	86.53	346	iP	46	41.40	0.4
BGF	82.54	359	eP	46	20.30	-0.4	SFI	84.79	353	P	46	33.20	1.1		1.1s	170.00nm				6.2mb
	1.1s	152.40nm				6.0mb	DIM	84.81	343	eP	46	33.00	0.7				i	47	08.30	
CTI	82.69	353	P	46	20.60	-1.1	PGD	84.85	353	P	46	33.72	1.0	AZI	86.57	351	P	46	42.20	1.2
VVI	82.70	353	P	46	21.45	-0.1		1.1s	817.60nm				6.8mb	THE	86.64	344	e(P)	46	42.36	0.9
	1.5s	249.60nm				6.1mb	PLD	84.91	343	iP	46	33.00	0.2	ALT	86.73	338	eP	46	42.00	0.0
PSN	82.72	341	eP	46	25.00	3.4X	IYA	84.94	347	iPc	46	33.89	0.8	OUR	86.76	343	e(P)	46	41.24	-0.7
CEY	82.76	351	eP	46	21.80	-0.1	FIR	84.98	353	eP	46	33.50	0.4	FNA	86.76	345	e(P)	46	40.92	-1.2
RMO	82.78	210	iPc	46	22.30	0.3			iS	57	02.00		ETER	86.79	359	iPd	46	42.02	-0.1	
	1.6s	706.00nm				6.5mb	IMI	85.05	356	P	46	33.27	-0.3	DUI	86.80	351	P	46	43.15	0.8
TMA	82.81	355	ePd	46	22.20	-0.2	CRE	85.07	353	P	46	34.90	1.1		1.3s	345.50nm				6.4mb
TCF	82.81	360	eP	46	21.60	-0.5	HVAR	85.08	349	iPd	46	33.20	-0.5	RMP	86.82	352	P	46	43.70	1.4
	1.0s	141.20nm				6.0mb	PII	85.09	354	P	46	34.50	0.9	RDP	86.87	352	P	46	43.20	0.6
LSF	82.85	0	eP	46	21.80	-0.5	BRY	85.10	348	iPc	46	33.18	-0.7	EGRA	86.88	2	iPd	46	42.64	0.1
	0.9s	288.30nm				6.4mb	SBF	85.12	356	eP	46	33.40	-0.5	KZN	87.16	345	eP	46	41.00	-3.1X
TRI	82.85	352	e(P)c	46	23.50	1.2		1.0s	306.40nm				6.5mb	RFI	87.20	351	P	46	44.68	0.6
			e(PP)	49	16.00		ARV	85.12	352	P	46	34.49	0.6		1.5s	859.20nm				6.8mb
			e(PPP)	51	32.00			1.2s	418.60nm				6.5mb	PAIG	87.21	343	e(P)	46	43.00	-1.2
			e(S)	56	36.00		NKY	85.12	348	iPc	46	33.33	-0.7	LIT	87.24	344	e(P)	46	44.52	0.1
			e(SP)	57	32.00		HRT	85.14	339	iP	46	34.50	0.4	BRT	87.26	348	P	46	46.11	1.7
			e(SS)	02	16.00		PVY	85.20	347	iPc	46	34.79	0.4	ADAT	87.28	334	eP	46	46.60	2.0
			e(SSS)	05	20.00		KDZ	85.22	343	iPc	46	35.00	0.6	PRK	87.37	341	eP	46	46.20	1.2
			eLR	13	24.00		GBZT	85.22	339	eP	46	34.60	0.2	LCI	87.70	348	P	46	44.68	-1.8
MAF	82.88	360	eP	46	22.30	-0.2	EYL	85.27	339	eP	46	34.50	-0.3	SGO	87.80	350	P	46	47.00	0.0
	1.2s	301.10nm				6.3mb	RZN	85.31	343	eP	46	35.00	-0.1	IZM	87.99	340	iP	46	49.00	1.0
STH	82.89	70	ePd	46	25.23	2.3	EMON	85.32	7	eP	46	33.39	-1.5	KEK	88.05	346	eP	46	45.00	-3.3X
DIX	82.91	356	ePd	46	23.70	0.7	BBTK	85.34	337	eP	46	36.00	0.8	BCK	88.13	338	eP	46	48.10	-0.7
MMK	82.91	356	ePd	46	23.90	0.9	CDR	85.37	357	ePd	46	35.70	0.6	IGT	88.15	346	e(P)	46	47.92	-0.8
TAB	82.91	326	iP+	46	24.00	1.0			i	46	37.40		MGR	88.19	350	P	46	48.00	-0.9	
			i	46	28.00				i	46	40.40		ETOR	88.21	3	iPd	46	48.56	-0.6	
VBY	82.91	351																		

MGP	88.54	63 P	46 52.60	1.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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30d 06h

	0.8s	7.77nm	-	4.1mb	BALM	21.96	50 eP	08 19.65	1.8	KAF	65.36	348 iP	14 03.70	-2.3
MBC	33.62	22 eP	03 05.00	-0.6	BRW	22.37	18 eP	08 21.27	-0.3		0.6s	6.50nm		4.9mb
VGB	37.93	75 eP	03 42.93	0.3	MBC	23.61	22 eP	10 04.00	-0.1	GBTN	65.41	63 ePc	14 05.46	-1.3
NEW	38.78	70 eP	03 49.29	-0.4		0.9s	9.00nm		4.7mb	NAV	66.10	60 eP	14 10.71	-0.5
	1.2s	36.36nm		5.0mb	MCW	34.98	72 iPc	10 16.88	0.6	BLA	66.38	60 iPd	14 12.68	-0.3
BONR	43.71	83 eP	04 29.46	-1.1	MDJ	35.00	280 eP	10 16.00	-0.5		1.9s	77.92nm		5.5mb
PTI	44.45	74 eP	04 37.30	1.0	YKA	35.05	46 eP	10 15.00	-1.6	NUR	67.13	348 eP	14 15.60	-1.7
HVU	44.83	75 eP	04 38.94	-0.5		0.8s	15.20nm		5.0mb		0.5s	6.30nm		5.0mb
DUG	45.75	77 eP	04 46.46	-0.2	GMW	35.51	74 iPc	10 21.75	1.0	LMN	67.55	44 eP	14 22.00	1.7
	1.2s	17.80nm		4.9mb	BMW	35.74	76 eP	10 23.38	0.6	PRM	67.60	63 ePc	14 19.98	-0.7
BW06	46.19	72 eP	04 50.29	0.0	RMW	36.14	73 ePc	10 27.00	0.8	NB2	67.85	355 P	14 20.30	-1.6
	0.6s	5.58nm		4.7mb	LON	36.47	74 eP	10 29.49	0.6		0.7s	4.10nm		4.6mb
DAU	46.57	76 eP	04 53.30	-0.1	SHW	36.47	75 iPc	10 30.53	1.5	JSC	68.08	62 ePc	14 22.66	-1.0
ARUT	46.83	80 (P)	04 55.29	0.0	VGB	37.69	76 ePc	10 39.83	0.6	LHS	68.18	62 eP	14 23.68	-0.6
MSU	47.17	79 eP	04 58.26	0.2	CN2	37.98	281 eP	10 41.00	-0.6	UPP	68.55	352 iP	14 26.00	-0.2
SRU	47.81	77 eP	05 02.27	-0.8		1.0s	6.10nm		4.4mb	HFS	68.59	354 eP	14 25.00	-1.5
RSSD	48.66	68 eP	05 08.00	-1.6	DPW	38.10	71 iPc	10 42.59	0.0		0.6s	2.50nm		4.5mb
	0.7s	3.84nm		4.5mb	NEW	38.56	70 ePd	10 46.29	-0.1	SGS	69.30	63 eP	14 31.32	0.1
PV10	49.17	77 ePd	05 14.30	0.7		1.0s	53.50nm		5.3mb	H8F	69.56	63 eP	14 33.04	0.2
GOL	50.56	73 eP	05 26.00	1.7	LBFM	39.22	82 ePc	10 52.93	0.7	SHL	70.49	287 iP	14 39.00	0.2
	0.8s	12.20nm		4.9mb	SNY	40.21	280 Pc	11 01.00	0.9	GUN.	72.30	292 Pc	14 50.50	0.6
GLD	50.62	73 eP	05 25.60	1.0		1.2s	34.00nm		5.0mb	KKN	72.74	293 Pc	14 52.80	0.5
	0.8s	16.47nm		5.1mb	NTYM	40.46	86 eP	11 02.47	0.3		0.8s	198.00nm		6.1mb X
LZH	55.54	286 eP	06 01.50	0.4	ORV	40.50	84 eP	11 03.26	0.7	PKI	72.83	293 Pc	14 53.28	0.3
	1.6s	28.00nm		5.0mb	SES	41.07	64 eP	11 06.00	-1.1		1.0s	165.00nm		6.0mb
SIO	58.57	71 e(P)	06 21.40	-1.0	ARN	41.80	87 eP	11 13.37	0.1	GKN	72.95	293 Pc	14 53.86	0.4
TUL	58.76	70 eP	06 22.20	-1.5	LRM	42.54	70 eP	11 19.10	-0.5		1.0s	225.00nm		6.1mb X
	0.7s	7.40nm		4.9mb	MEMM	43.23	84 eP	11 25.09	0.2	DMN	72.97	293 Pc	14 54.24	0.5
LNO	58.76	70 e(P)	06 20.40	-3.2X	BONR	43.46	84 eP	11 27.88	0.8		1.0s	170.00nm		6.0mb
VVO	59.19	71 eP	06 25.70	-1.0	HHA1	43.97	74 iPc	11 32.11	1.1	EKA	73.74	3 P	14 57.00	-0.4
KAF	65.21	347 eP	07 04.90	-1.6	TNP	44.05	83 eP	11 32.72	0.9		0.8s	9.70nm		4.9mb
	0.5s	2.30nm		4.5mb	BCH	44.07	88 (P)	11 38.40	6.5X	DMU	75.00	5 eP	15 04.60	-0.1
GBTN	65.61	63 ePd	07 08.26	-1.2	PTI	44.22	74 ePc	11 34.07	1.0		0.8s	55.00nm		5.6mb
NUR	66.98	348 eP	07 11.40	-6.4X	HVU	44.60	76 iPc	11 36.22	0.1	DCN	75.53	6 eP	15 07.40	-0.3
GUN	72.01	292 P	07 50.06	0.5	TPNV	45.36	83 ePd	11 42.83	0.5		0.7s	51.00nm		5.6mb
KKN	72.45	293 P	07 52.46	0.4		0.6s	6.64nm		4.7mb	CLL	77.41	353 iPd	15 17.50	-0.8
	0.6s	67.00nm		5.8mb	DUG	45.51	77 eP	11 43.41	0.0		1.5s	14.00nm		4.8mb
PKI	72.54	292 P	07 52.74	0.0		0.9s	13.71nm		4.9mb	BRG	77.77	352 e(P)	15 19.60	-0.7
	0.7s	41.00nm		5.5mb	FCC	45.78	46 eP	11 48.00	2.9		1.0s	14.00nm		4.9mb
GKN	72.66	293 P	07 53.32	0.1	BJI	45.81	283 eP	11 46.00	0.5	MOX	78.18	354 eP	15 22.20	-0.3
	0.7s	59.00nm		5.7mb		1.0s	22.00nm		5.0mb	ENN	78.34	357 eP	15 23.50	0.2
DMN	72.69	293 P	07 53.82	0.3	BW06	45.96	72 iPc	11 46.70	-0.4		0.8s	20.00nm		5.2mb
	0.7s	26.00nm		5.3mb	GSC	46.05	85 eP	11 47.82	0.1	PRU	78.60	352 eP	15 25.00	0.2
GEC2	79.67	352 eP	08 32.00	-0.2	DAU	46.33	76 eP	11 50.42	0.3	DOU	79.04	358 Pd	15 27.80	0.6
	0.7s	0.77nm		3.8mb X	ARUT	46.59	80 eP	11 51.97	0.0	GRF	79.15	354 ePc	15 28.40	0.5
WB2	82.06	224 eP	08 44.20	-0.7	MSU	46.92	79 ePc	11 54.25	-0.4		1.4s	32.00nm		5.1mb
	0.9s	2.80nm		4.3mb	PLM	47.29	88 eP	11 58.36	0.8	KHC	79.53	352 eP	15 29.50	-0.5
WRA	82.06	224 P	08 44.79	-0.2	SRU	47.57	77 ePc	11 59.21	-0.5		1.0s	7.00nm		4.6mb
	1.0s	0.60nm		3.6mb X	HMC	48.13	286 eP	12 05.00	1.0			e	16 09.50	
ASPA	85.53	223 eP	09 01.40	-1.1		1.0s	23.00nm		5.2mb	GEC2	79.80	352 eP	15 31.30	-0.2
STKA	89.94	213 eP	09 24.60	1.1	SSE	48.41	270 P	12 12.00	5.9X		0.7s	2.15nm		4.3mb
STK	89.95	213 P	09 25.20	1.7		1.0s	18.00nm		5.1mb	FLN	80.38	2 iPc	15 34.10	-0.4
SLR	147.27	311 ePKP	16 06.90	1.0	RSSD	48.44	68 ePc	12 05.54	-1.0		0.9s	17.85nm		5.1mb
	S.D. = 1.0 on 37 of 39 obs.					0.6s	10.05nm		5.0mb	LDF	80.56	1 iPc	15 35.00	-0.4
	SEP 30, 1992 06h 03m 25.40 ± 0.24s				BTO	49.21	287 eP	12 13.60	1.3		0.7s	26.70nm		5.3mb
	51.216 N ± 5.7km 178.147 W ± 2.8km				ULM	49.43	57 eP	12 15.00	1.3	CDF	80.64	356 iPc	15 35.70	-0.3
	DEPTH = 33.0km (normal)				TIY	49.54	283 Pc	12 16.40	1.6		0.8s	8.35nm		4.8mb
	5.1mb (73 obs.)				WHN	53.08	274 ePc	12 41.20	-0.3	GRR	80.75	2 iPc	15 36.40	0.0
	ANDREANOF ISLANDS, ALEUTIAN IS. (7)					1.0s	18.00nm		5.0mb		0.7s	22.70nm		5.3mb
	ML 5.5 (PMR). Felt (III) on				XAN	54.09	281 P	12 48.50	-0.5	VRI	80.94	343 ePd	15 38.00	0.5
	Adok.					0.8s	8.20nm		4.8mb	HAU	81.08	357 iPc	15 38.10	-0.1
ADK	1.13	53 iPd	03 45.16	0.2	LZH	55.82	287 eP	13 02.50	0.7		0.8s	10.90nm		4.9mb
SMY	5.03	291 eP	04 46.20	5.8X		1.5s	40.00nm		5.2mb	LPF	81.10	2 iPc	15 38.40	0.2
SDN	11.34	62 eP	06 05.63	-2.3			pP	13 12.00	31kmX		0.9s	25.90nm		5.2mb
SVW	15.90	43 ePc	07 09.66	1.6	GTA	56.01	292 iPc	13 03.00	0.0	BSF	81.24	357 iPc	15 38.80	-0.4
	0.9s	119.57nm		5.0mb		1.2s	78.00nm		5.6mb		0.9s	10.15nm		4.8mb
KDC	16.21	56 eP	07 09.14	-2.8	JAQ	56.93	44 eP	13 06.50	-2.8	LOR	81.88	359 iPc	15 42.40	0.0
	0.7s	62.11nm		4.8mb	SIO	58.35	71 eP	13 17.90	-1.6	SSF	82.09	359 iPc	15 43.60	0.1
TTA	16.69	37 eP	07 19.59	1.4	TUL	58.54	71 ePc	13 19.10	-1.7		0.8s	13.05nm		5.0mb
	1.0s	56.33nm		4.7mb		0.7s	19.40nm		5.3mb	LBF	82.16	359 iPc	15 43.70	-0.2
BGL	17.37	45 eP	07 29.36	2.7			e	13 25.80			1.0s	9.60nm		4.8mb
CRP	17.48	45 eP	07 29.65	1.6	LNO	58.54	71 e(P)	13 17.50	-3.2X	WB2	82.18	224 iPc	15 43.90	-0.3
SFU	17.49	45 ePc	07 28.72	0.7	VVO	58.96	71 eP	13 22.80	-1.0		0.9s	2.80nm		4.3mb
SLKM	18.09	48 eP	07 35.13	-0.3	CD2	59.41	282 eP	13 24.40	-2.6	WRA	82.18	224 P	15 44.20	0.0
PWA	18.64	45 eP	07 44.00	1.9	WMO	59.77	303 iPd	13 30.20	0.8		0.7s	1.70nm		4.2mb
PMS	18.64	46 eP	07 42.60	0.4		0.6s	48.00nm		5.8mb	AVF	82.37	359 iPc	15 44.90	0.0
	0.7s	79.40nm		5.0mb	Z	16s	10.90um		6.1MsZ		0.9s	14.40nm		5.0mb
PMR	18.95	46 iPc	07 45.73	-0.2	N	12s	6.06um			PTJ	82.50	350 iPd	15 46.10	0.4
	0.8s	31.00nm		4.6mb			pP	13 42.00	41kmX	SMF	82.51	359 iPc	15 45.70	0.1
IMA	19.38	31 ePc	07 50.40	-0.7	FVM	60.25	65 eP	13 30.54	-2.0		0.8s	15.30nm		5.1mb
	1.3s	93.15nm		4.9mb		0.6s	39.54nm		5.7mb	MFF	82.55	1 iPc	15 46.10	0.3
KLU	20.38	47 eP	08 00.94	-0.8	EEO	60.32	52 eP	13 33.50	0.5		0.7s	20.15nm		5.3mb
TOA	20.44	45 eP	08 01.20	-1.1	UYO	60.53	71 iPd	13 33.00	-1.5	BGF	82.60	359 iPc	15 46.30	0.2
FBA	20.82	37 eP	08 06.60	0.5	GYA	60.75	277 P	13 36.00	-0.2		1.0s	16.00nm		5.0mb
	0.8s	74.70nm		5.1mb	ELC	61.42	65 ePc	13 38.60	-1.9	TCF	82.88	360 iPc	15 47.60	0.0

0.8s	10.05nm	-	5.0mb	PWA	18.58	45 eP	52 08.50	2.2	-	sP	57 42.00			
LSF	82.92	0 iPc	15 47.80	0.0	1.1s	164.30nm	5.1mb		GTA	56.01	292 iPc	57 28.00	0.1	
0.6s	21.45nm	-	5.4mb	PMS	18.58	46 eP	52 06.00	-0.4	1.0s	43.00nm	5.4mb			
MAF	82.94	360 iPc	15 48.30	0.4	PMR	18.89	46 eP	52 08.77	-1.3	JAO	56.88	44 eP	57 32.00	-1.8
0.7s	13.25nm	-	5.1mb	IMA	1.0s	53.73nm	4.7mb		SIO	58.31	71 eP	57 43.00	-1.0	
VBY	82.97	351 ePc	15 48.00	0.0	19.32	31 eP	52 15.09	-0.2	TUL	58.50	71 iPc	57 44.20	-1.2	
LPG	83.58	357 iPc	15 52.40	0.9	1.1s	54.08nm	4.7mb		0.8s	49.50nm	5.7mb			
0.9s	6.70nm	-	4.8mb	MGD	19.46	309 eP	52 19.00	2.2	LNO	58.50	71 e(P)	57 42.50	-2.8	
LSD	83.60	356 P	15 52.26	0.7	KLU	20.33	47 eP	52 24.94	-1.1	CD2	59.42	282 eP	57 51.40	-0.5
RJF	83.86	0 iPc	15 53.00	0.4	TOA	20.39	46 eP	52 25.70	-0.9	FVM	60.20	65 ePc	57 55.45	-1.7
1.0s	18.20nm	-	5.2mb	FBA	20.77	37 eP	52 28.76	-1.7	0.6s	41.74nm	5.7mb			
RSP	83.90	356 P	15 52.78	-0.2	0.7s	49.25nm	5.0mb		EEO	60.27	52 eP	57 59.00	1.5	
RRL	84.15	356 P	15 55.34	1.0	BALM	21.91	50 eP	52 41.29	-0.9	UYO	60.49	71 iPc	57 57.50	-1.6
BOB	84.17	355 P	15 55.30	1.0	BRW	22.31	18 eP	52 47.00	1.2	MIAR	60.75	70 ePc	58 00.21	-0.7
BHB	84.21	356 P	15 54.11	-0.3	YSS	25.76	276 eP	53 20.80	1.5	0.9s	45.23nm	5.6mb		
LFF	84.22	1 iPc	15 54.80	0.4	TIK	30.94	330 eP	54 08.00	2.2	GYA	60.77	277 P	58 00.80	-0.4
0.8s	35.45nm	-	5.6mb		e	56 59.00			OLY	61.32	68 eP	58 02.66	-2.1	
CAF	84.24	360 iPc	15 55.10	0.5	MBC	33.55	22 eP	54 28.50	0.0	ELC	61.37	65 ePc	58 03.41	-1.7
0.9s	21.80nm	-	5.3mb		0.5s	5.00nm	4.7mb		ARU	62.94	329 eP	58 13.00	-2.2	
PCP	84.45	355 P	15 55.24	-0.4	MCW	34.94	72 eP	54 41.97	1.2	KMI	64.17	278 eP	58 23.00	-1.1
LPO	84.48	0 iPc	15 56.00	0.3	YKA	34.99	46 eP	54 39.70	-1.4	KAF	65.31	348 iP	58 28.90	-1.7
0.8s	38.15nm	-	5.6mb		0.7s	10.00nm	4.9mb		0.6s	5.30nm	4.8mb			
PZZ	84.55	356 P	15 55.24	-1.0	MDJ	35.02	280 eP	54 39.00	-2.5	GBTN	65.36	63 ePc	58 30.59	-0.8
ROB	84.73	356 P	15 56.26	-0.8	GMW	35.47	74 ePc	54 46.67	1.4	NAV	66.05	60 eP	58 35.13	-0.7
FIN	84.80	355 P	15 56.06	-1.3	BMW	35.70	76 eP	54 48.11	0.8	BLA	66.33	60 eP	58 37.24	-0.3
STV	84.80	356 P	15 55.95	-1.5	RMW	36.10	73 iPc	54 51.74	1.0	0.5s	14.94nm	5.3mb		
ENR	84.82	356 P	15 55.95	-1.6	LON	36.43	74 ePc	54 53.98	0.5	NUR	67.08	348 eP	58 40.40	-1.5
SFI	84.85	353 Pc	15 59.00	1.5	SHW	36.44	76 eP	54 52.11	-1.5	LMN	67.50	44 eP	58 46.50	1.7
PGD	84.90	353 Pd	15 59.50	1.4	VGB	37.66	76 ePc	55 04.70	0.9	PRM	67.55	63 ePc	58 44.75	-0.6
IMI	85.11	356 P	15 58.21	-0.8	DPW	38.06	71 ePc	55 07.55	0.4	NB2	67.79	355 P	58 45.10	-1.3
HVAR	85.13	349 iPd	15 58.30	-0.7	BOD	38.29	307 eP	55 09.40	0.5	0.6s	2.60nm	4.5mb		
SBF	85.18	356 iPc	15 59.50	0.2	NEW	38.52	70 iPd	55 11.50	0.5	LSA	67.89	290 P	58 49.60	1.6
0.7s	24.25nm	-	5.5mb		0.9s	85.53nm	5.6mb		0.7s	5.00nm	4.7mb			
FRF	85.51	357 iPc	16 01.10	0.2	LBFM	39.19	82 eP	55 18.18	1.3	JSC	68.03	62 iPc	58 48.00	-0.2
0.7s	16.00nm	-	5.3mb	SNY	40.22	280 Pc	55 26.20	1.1	LHS	68.13	62 ePc	58 48.54	-0.3	
ASS	85.63	352 P	16 02.40	0.8	ORV	40.47	84 ePc	55 27.20	0.0	SGS	69.25	63 ePc	58 56.11	0.3
SKO	85.63	345 iP	16 02.50	0.9	SES	41.02	64 ePc	55 31.00	-0.6	OBN	70.13	340 eP	59 01.00	0.2
0.8s	39.00nm	-	5.7mb		0.7s	31.00nm	5.1mb		1.0s	35.00nm	5.4mb			
ASPA	85.65	223 eP	16 02.10	0.4	ARN	41.77	87 eP	55 38.35	0.4	SHL	70.50	287 eP	59 03.80	0.0
LMR	85.74	357 iPc	16 02.40	0.3	LRM	42.50	71 ePc	55 43.90	-0.2	CHG	71.19	277 eP	59 08.00	0.2
0.9s	17.35nm	-	5.3mb	MEMM	43.20	84 eP	55 51.41	1.9	GUN	72.30	293 Pc	59 15.34	0.6	
VAY	86.09	345 iP	16 04.40	0.6	BONR	43.42	84 ePc	55 52.58	0.8	0.8s	382.00nm	6.5mb	X	
EPF	86.13	1 iPc	16 04.40	0.4	HHA1	43.93	74 eP	55 56.06	0.5	KKN	72.74	293 Pc	59 17.68	0.5
0.7s	5.50nm	-	4.9mb	TNP	44.02	83 eP	55 55.98	-0.5	0.8s	150.00nm	6.0mb			
AQU	86.27	351 P	16 05.30	0.5	0.9s	21.05nm	4.9mb		PKI	72.83	293 Pc	59 18.10	0.2	
MNS	86.30	352 P	16 04.50	-0.4	BCH	44.04	88 eP	55 56.67	0.1	GKN	72.95	293 Pc	59 18.66	0.3
PGF	86.41	355 iPc	16 05.60	0.1	PTI	44.18	74 ePc	55 58.91	1.3	1.0s	169.00nm	6.0mb		
0.9s	71.75nm	-	5.9mb	NRI	44.52	330 eP	55 59.00	-0.8	DMN	72.98	293 Pc	59 19.24	0.6	
POO	86.49	295 iPd	16 07.00	0.8	e	57 42.00			1.0s	133.00nm	5.9mb			
AZI	86.63	351 P	16 07.10	0.7	HVU	44.56	76 iPc	56 01.33	0.6	EKA	73.68	3 P	59 23.00	1.1
GBA	88.31	290 P	16 14.00	-0.9	TPNV	45.33	83 iPd	56 07.82	0.9	1.3s	24.30nm	5.0mb		
STKA	90.01	213 iPc	16 23.50	1.1	0.8s	29.63nm	5.2mb		BRG	77.72	352 i(P)	59 45.60	0.7	
KIC	122.37	8 (PKP)	22 17.40	-1.3	DUG	45.47	77 ePc	56 08.49	0.5	1.0s	12.00nm	4.9mb		
LIC	122.48	8 (PKP)	22 18.40	-0.5	0.6s	15.87nm	5.1mb		MOX	78.13	354 eP	59 47.20	0.1	
BUL	142.54	316 ePKP	22 52.50	-4.2X	45.72	46 eP	56 13.00	3.5X	1.2s	14.00nm	4.9mb			
MAW	146.60	218 ePKP	23 04.00	2.1X	45.82	283 eP	56 11.00	0.5	GRF	79.10	354 ePc	59 52.60	0.1	
1.0s	14.00nm	-			1.0s	13.00nm	4.8mb		1.2s	24.00nm	5.1mb			
SLR	147.54	312 iPKPc	23 07.50	2.6X	BW06	45.92	73 iPc	56 11.50	-0.1	KHC	79.48	352 P	59 54.50	-0.1
1.0s	40.00nm	-			0.8s	52.50nm	5.5mb		1.3s	8.50nm	4.6mb			
WIN	149.04	332 iPKPc	23 13.50	6.0X	GSC	46.03	86 ePd	56 12.36	0.0	GEC2	79.75	352 eP	59 56.00	-0.1
0.6s	6.67nm	-			DAU	46.29	76 iPc	56 15.32	0.7	0.8s	2.88nm	4.3mb		
SEK	150.03	310 iPKPc	23 15.00	6.2X	ARUT	46.55	81 ePc	56 16.56	0.0	e	59 59.40			
0.7s	30.82nm	-		MSU	46.89	79 ePc	56 19.51	0.2	e	00 03.80				
S.D. = 1.0 on 166 of 175 obs.				EMUT	46.92	77 ePc	56 19.96	0.4	FLN	80.33	2 eP	59 58.80	-0.2	
SEP 30, 1992 06h 47m 50.27 ± 0.24s				PLM	47.26	88 eP	56 21.86	-0.4	0.8s	11.15nm	4.9mb			
51.269 N ± 6.1km 178.108 W ± 2.9km				ZAK	47.38	301 eP	56 23.00	0.3	0.5s	8.45nm	5.0mb			
DEPTH = 33.0km (normol)				1.2s	10.00nm	4.7mb			80.50	1 eP	59 59.60	-0.4		
5.1mb (61 obs.)				e	57 54.00				0.9s	27.20nm	5.2mb			
ANDREANOF ISLANDS, ALEUTIAN IS. (7)				SRU	47.53	77 ePc	56 24.35	0.0	GRR	80.70	2 eP	00 00.80	-0.2	
Felt (111) on Adok.				TIA	47.61	278 Pd	56 25.10	0.4	LPF	81.05	2 eP	00 03.20	0.4	
ADK	1.08	55 iPd	48 10.11	1.0	HMC	48.14	286 eP	56 30.40	1.5	0.9s	22.75nm	5.2mb		
SDN	11.29	62 ePn	50 30.21	-2.0X	E	12s	1.70um		LOR	81.83	359 eP	00 07.00	0.0	
SVW	15.84	43 eP	51 34.59	2.4	RSSD	48.40	68 eP	56 30.20	-0.9	0.8s	6.05nm	4.7mb		
0.7s	111.51nm	-	5.1mb	GLA	48.73	86 eP	56 33.61	0.1	SSF	82.04	359 eP	00 08.30	0.2	
KDC	16.16	56 eP	51 32.70	-3.5X	BTO	49.22	287 eP	56 38.40	1.2	0.8s	10.35nm	4.9mb		
0.4s	52.03nm	-	5.0mb	ULM	49.38	57 eP	56 39.50	1.3	LBF	82.11	359 eP	00 08.30	-0.2	
TTA	16.64	37 eP	51 44.43	2.1	TIY	49.55	283 Pd	56 41.20	1.4	0.9s	7.35nm	4.7mb		
0.9s	56.48nm	-	4.7mb	TUC	51.76	84 ePc	56 56.25	-0.5	WB2	82.23	224 eP	00 08.80	-0.5	
ILT	16.69	359 iPd	51 47.00	4.2X	0.8s	10.85nm	4.9mb		0.8s	4.10nm	4.5mb			
1.0s	90.00nm	-	4.9mb	WHN	53.10	274 eP	57 06.50	-0.1	SMF	82.45	359 eP	00 09.40	-0.8	
BGL	17.32	45 eP	51 52.34	1.5	XAN	54.11	281 P	57 13.30	-0.7	0.9s	14.60nm	5.0mb		
CRP	17.42	45 iPd												

30d 07h

MAF	82.89	360	eP	00	11.90	-0.6	TOA	20.47	45	eP	29	03.50	1.5	LZH	55.93	287	Pc	34	02.20	0.3
	1.1s	17.10nm				5.1mb	FBA	20.88	37	eP	29	05.03	-1.0		1.5s	78.00nm			5.5mb	
LSD	83.55	356	P	00	17.20	1.0		0.9s	49.09nm			4.9mb		Z	18s	1.61um			5.2msz	
RJF	83.81	0	eP	00	16.20	-1.0	BALM	21.99	49	eP	29	19.06	1.7	E	12s	0.67um				
	1.2s	31.55nm				5.3mb	BRW	22.46	18	eP	29	20.88	-0.9			pP	34	15.00	46kmX	
RSP	83.85	356	P	00	18.53	1.0	YSS	25.83	276	eP	29	55.30	0.9			PP	36	06.00		
BOB	84.12	355	P	00	19.40	0.5		0.7s	40.00nm			5.1mb		GTA	56.12	292	iPc	34	03.00	-0.2
BHB	84.16	356	P	00	20.07	1.1	YAK	29.95	312	eP	30	30.50	-1.2		1.5s	170.00nm			5.9mb	
LFF	84.17	1	eP	00	18.30	-0.7		1.0s	45.00nm			5.2mb				pP	34	09.00	20kmX	
	0.6s	36.75nm				5.7mb	TIK	31.12	331	eP	30	40.00	-1.8			sP	34	15.00		
CAF	84.19	360	eP	00	18.50	-0.7		1.5s	12.00nm			4.5mb		JAQ	56.97	44	eP	34	06.00	-3.0
	0.9s	13.10nm				5.1mb	HON	33.60	145	P	31	10.00	6.1X	JFWS	57.01	61	ePc	34	07.70	-1.7
PCP	84.40	355	P	00	19.14	-1.1	Z	20s	1.89um			4.8msz			1.2s	64.49nm			5.5mb	
LPO	84.43	1	eP	00	19.40	-0.9	MBC	33.69	22	eP	31	04.00	-0.2	SIO	58.32	71	e(P)	34	17.40	-1.2
	0.9s	34.05nm				5.5mb		0.6s	6.00nm			4.7mb		TUL	58.51	71	eP	34	18.50	-1.5
PZZ	84.50	356	P	00	20.09	0.0	MAT	34.22	262	eP	31	09.00	-0.3		0.9s	24.70nm			5.3mb	
HYB	84.66	291	eP	00	22.50	0.6		1.0s	29.00nm			5.2mb				e	34	23.40		
ROB	84.68	356	P	00	21.40	-0.3	HKL	34.81	143	eP	31	14.66	-0.2	LNO	58.51	71	e(P)	34	17.10	-2.7
FIN	84.75	355	P	00	21.50	-0.5	MCW	34.94	72	iPc	31	15.98	0.6	VVO	58.93	71	eP	34	22.00	-0.9
STV	84.75	356	P	00	21.30	-0.8	YKA	35.08	46	eP	31	14.70	-1.6	CD2	59.51	282	P	34	26.20	-0.8
ENR	84.77	356	P	00	22.02	-0.1		0.8s	6.40nm			4.6mb		WMD	59.90	303	P	34	28.00	-1.6
PGD	84.85	353	Pd	00	24.20	1.5	MDJ	35.10	280	eP	31	15.50	-1.1		1.0s	21.00nm			5.2mb	
IMI	85.06	356	P	00	23.76	0.2		1.0s	17.00nm			4.9mb				pP	34	41.00	46kmX	
SBF	85.13	356	eP	00	22.00	-1.9	GMW	35.47	74	iPc	31	20.81	1.0	FVM	60.23	65	eP	34	29.59	-2.2
	0.9s	32.25nm				5.5mb	BMW	35.69	75	eP	31	22.10	0.3		0.5s	16.55nm			5.4mb	
FRF	85.46	357	eP	00	23.70	-1.8	LON	36.43	74	iPc	31	28.75	0.8	EEO	60.34	52	ePd	34	33.40	0.9
	0.8s	17.05nm				5.3mb	VGB	37.65	75	ePc	31	38.94	0.7	UYO	60.50	71	iPd	34	33.30	-0.4
ASS	85.58	352	P	00	27.30	1.1	DPW	38.07	71	iPc	31	41.79	0.0	GYA	60.83	277	P	34	35.80	-0.4
SKO	85.59	346	iP	00	26.70	0.5	CN2	38.08	282	Pc	31	41.00	-0.7		1.0s	12.00nm			5.0mb	
ASPA	85.70	223	eP	00	26.70	-0.2		1.0s	7.40nm			4.5mb		ELC	61.40	65	ePc	34	37.97	-1.8
EPF	86.07	1	eP	00	26.90	-1.7			eP	31	53.00	44kmX		SVE	62.11	328	ePc	34	44.00	-0.2
	0.8s	5.10nm				4.8mb	BOD	38.43	307	eP	31	42.80	-1.8		1.2s	120.00nm			5.9mb	
PGF	86.36	355	eP	00	28.40	-1.7		1.0s	24.00nm			5.0mb		ARU	63.11	329	iPc	34	50.00	-0.9
	1.0s	51.00nm				5.7mb	SNY	40.30	280	iPc	32	01.20	1.0		1.3s	170.00nm			6.0mb	
POO	86.49	295	iPc	00	31.00	0.0		1.2s	47.00nm			5.1mb		RSNY	64.07	51	P	35	10.00	12.6X
MGR	88.19	350	P	00	38.30	-0.6	ORV	40.44	84	eP	32	02.51	1.1	Z	21s	1.60um			5.2msz	
GBA	88.32	290	P	00	40.00	0.2	SES	41.05	64	eP	32	06.00	-0.4	KMI	64.25	279	Pc	34	58.50	-0.5
STKA	90.07	213	iPc	00	48.50	0.9		0.8s	41.00nm			5.2mb				pP	35	13.00	52kmX	
STK	90.08	213	P	00	49.09	1.5	CIT	41.08	299	eP	32	07.50	0.9	GBTN	65.40	63	iPc	35	04.78	-1.3
TIC	122.01	8	PKP	06	42.20	-0.7	LRM	42.51	70	eP	32	18.40	-0.3	KAF	65.49	348	iP	35	04.60	-1.7
KIC	122.32	8	PKP	06	42.80	-0.7	BONR	43.40	84	eP	32	26.81	0.8		0.5s	11.70nm			5.2mb	
LIC	122.43	8	PKP	06	43.00	-0.7	HHA	43.93	73	eP	32	30.99	0.9	NAV	66.10	60	eP	35	09.86	-0.7
MAW	146.66	218	ePKP	07	28.00	1.1	TNP	44.00	83	eP	32	31.84	1.1	BLA	66.38	60	iPc	35	11.71	-0.7
	1.0s	17.00nm						0.6s	2.52nm			4.2mb X			1.2s	60.39nm			5.6mb	
SLR	147.52	312	iPKPc	07	32.00	2.2X	PTI	44.18	74	iPc	32	33.05	0.9	NUR	67.26	348	iP	35	15.90	-1.6
WIN	149.01	332	iPKPc	07	38.00	5.7X	HVU	44.55	76	eP	32	35.39	0.2		0.6s	8.60nm			5.0mb	
	0.6s	6.67nm					NRI	44.70	330	eP	32	34.00	-1.7	LMN	67.59	44	eP	35	21.50	1.7
SEK	150.01	310	iPKPd	07	40.50	6.9X		1.4s	36.00nm			5.0mb		PRM	67.59	63	ePc	35	18.97	-1.1
	0.7s	27.40nm							e	34	18.00		NB2	67.97	355	P	35	20.60	-1.5	
BLF	151.35	311	iPKPd	07	42.70	7.1X	ABL	44.76	88	eP	32	38.14	1.2		1.1s	23.30nm			5.2mb	
	0.6s	14.29nm					TPNV	45.30	83	iPc	32	41.95	0.7	LSA	67.99	290	Pc	35	24.80	1.6
S.D. = 1.1 on 156 of 164 obs.								0.6s	7.32nm			4.8mb			0.4s	5.00nm			5.0mb	
SEP 30, 1992 07h 24m 24.77±0.20s							DUG	45.46	77	eP	32	42.35	0.0	JSC	68.07	62	iPc	35	22.49	-0.5
51.097 N ± 4.7km 178.031 W ± 2.3km								0.7s	4.22nm			4.5mb		CEH	68.07	60	iPc	35	22.68	-0.3
DEPTH = 33.0km (normal)							FCC	45.81	46	eP	32	48.50	3.8X		1.2s	62.19nm			5.6mb	
5.3mb (103 obs.) 5.5msz (7 obs.)							BJJ	45.91	283	ePc	32	46.00	0.3	LHS	68.17	62	iPc	35	22.99	-0.6
ANDREANOF ISLANDS, ALEUTIAN IS. (7)								1.0s	26.00nm			5.1mb		UPP	68.68	352	P	35	25.20	-1.1
ML 5.4 (PMR). Felt (III) on							GSC	45.99	85	eP	32	46.89	0.3	HFS	68.72	354	eP	35	24.70	-1.9
Adak.							DAU	46.29	76	eP	32	49.66	0.5		0.4s	3.40nm			4.8mb	
ADK	1.15	46	iPd	24	45.20	0.6	ARUT	46.53	80	eP	32	50.26	-0.7	KSH	69.10	307	P	35	30.40	0.9
SMY	5.14	292	(P)	25	42.84	1.5	MSU	46.87	79	eP	32	53.55	-0.1		0.7s	30.00nm			5.5mb	
SDN	11.33	61	eP	27	05.80	-1.4	PLM	47.22	88	eP	32	57.10	0.7	MOS	69.49	339	iPc	35	31.00	-0.4
SVW	15.94	42	eP	28	09.19	1.3	ZAK	47.51	302	ePc	32	59.60	1.4		1.5s	110.00nm			5.7mb	
	0.8s	100.97nm				5.0mb		1.0s	48.00nm			5.5mb		OBN	70.31	340	iP			

WIT	76.39	357 eP	36 14.00	2.1	MFF	82.67	1 iPc	36 46.10	0.3	MAJ	146.55	217 ePKP	44 01.00	-0.2
NDI	76.73	299 iPc	36 14.00	-0.3		1.0s	69.00nm		5.7mb		1.0s	28.00nm		
WTS	77.20	357 eP	36 16.50	0.0	BGF	82.72	359 iPc	36 46.30	0.2	SLR	147.67	312 iPKPc	44 07.00	2.5X
	0.7s	28.00nm		5.4mb		1.1s	29.05nm		5.3mb		1.2s	62.50nm		
CLL	77.54	353 iPc	36 17.60	-0.8	TMA	83.00	355 P	36 47.97	0.2	WIN	149.18	332 iPKPc	44 13.00	5.9X
	1.2s	26.00nm		5.1mb	TCF	83.00	360 iPc	36 47.70	0.1		0.7s	8.22nm		
KSP	77.71	351 eP	36 19.00	-0.3		0.9s	4.65nm		4.6mb	SEK	150.16	310 iPKPc	44 14.50	6.2X
BRG	77.90	352 iPc	36 19.60	-0.7	LSF	83.03	0 iPc	36 47.90	0.2		0.8s	41.04nm		
	1.1s	27.00nm		5.2mb		0.8s	34.00nm		5.5mb	BLF	151.51	311 ePKP	44 16.70	6.4X
OJC	77.93	348 eP	36 20.40	-0.1	MAF	83.06	360 iPc	36 48.30	0.4		0.7s	15.00nm		
MOX	78.30	354 eP	36 22.50	-0.1		1.0s	30.80nm		5.4mb	S.D. = 0.9 on 221 of 235 obs.				
	1.4s	28.00nm		5.1mb	DIX	83.09	356 P	36 49.25	0.9	* SEP 30, 1992 07h 30m 52.41±0.85s				
Z	21s	1.50um		5.3Msz	MMK	83.10	356 P	36 49.31	0.9	51.106 N ±19.6km 177.925 W ± 9.5km				
N	19s	1.70um			VBY	83.10	351 iPc	36 48.10	0.0	DEPTH = 33.0km (normal)				
ENN	78.46	357 iPc	36 23.80	0.4	LPL	83.68	357 iPc	36 52.40	1.0	4.1mb (4 obs.)				
	0.8s	56.00nm		5.6mb	LPG	83.70	357 iPc	36 52.60	1.1	ANDREANOF ISLANDS, ALEUTIAN IS. (7)				
ASH	78.50	318 eP	36 24.50	0.6		0.9s	13.75nm		5.1mb	ADK	1.10	44 iPd	31 12.04	0.5
GRO	78.56	329 eP	36 25.00	1.0	LSD	83.72	356 P	36 52.74	1.1	SLKM	18.06	48 eP	35 01.57	-0.5
PRU	78.72	352 P	36 24.50	-0.4	RJF	83.98	0 iPc	36 53.00	0.4	IMA	19.40	30 (P)	35 18.39	0.0
SNF	78.75	358 P	36 25.20	0.2		1.0s	30.60nm		5.4mb		1.5s	16.22nm		4.1mb
PYA	78.77	331 iPc	36 21.00	-4.3X	RSP	84.02	356 P	36 53.45	0.5	FBA	20.83	37 (P)	35 33.00	-0.2
	1.0s	200.00nm		6.1mb	BNI	84.15	357 P	36 55.00	1.4		0.7s	3.78nm		3.9mb
					RRL	84.27	357 P	36 55.71	1.3	NEW	38.46	70 (P)	38 12.80	0.1
UZH	79.13	346 ePc	36 27.50	0.4	BOB	84.30	355 P	36 55.20	0.9		0.8s	5.00nm		4.4mb
	1.0s	55.00nm		5.5mb	BHB	84.33	356 P	36 52.84	-1.6	BW06	45.86	72 eP	39 13.30	0.0
					LFF	84.34	1 iPc	36 54.90	0.5		0.6s	1.32nm		4.0mb
DOU	79.16	358 P	36 27.70	0.4		1.2s	113.95nm		5.9mb	GUN	72.47	293 P	42 17.80	-0.1
VRAC	79.20	350 eP	36 27.70	0.3	CAF	84.36	360 iPc	36 55.10	0.6	KKN	72.91	293 P	42 20.20	-0.1
	0.9s	41.70nm		5.4mb		1.3s	66.45nm		5.7mb	PKI	73.00	293 P	42 20.90	-0.1
GRF	79.28	354 iPc	36 28.50	0.5	PCP	84.57	355 P	36 55.09	-0.6	GKN	73.12	294 P	42 21.20	-0.3
	1.2s	72.00nm		5.5mb	LPO	84.60	1 iPc	36 56.10	0.4	DMN	73.15	293 P	42 22.40	0.6
Z	20s	3.00um		5.6Msz		1.0s	71.80nm		5.8mb	S.D. = 0.4 on 11 of 11 obs.				
MAIO	79.40	316 eP	36 30.00	1.1	PZZ	84.68	356 P	36 55.71	-0.6	SEP 30, 1992 08h 35m 31.94±0.29s				
WLF	79.56	357 P	36 31.00	1.6	PLE	84.74	347 iPc	36 57.85	1.3	51.232 N ± 7.3km 178.172 W ± 4.2km				
KIS	79.56	342 iPc+	36 29.50	0.1	HYB	84.77	291 eP	36 57.00	0.0	DEPTH = 33.0km (normal)				
	1.0s	400.00nm		6.4mb X	MME	84.79	354 P	36 58.20	1.2	4.6mb (21 obs.) 4.7Msz (3 obs.)				
					ROB	84.85	356 P	36 56.43	-0.6	ANDREANOF ISLANDS, ALEUTIAN IS. (7)				
KHC	79.66	352 iPc	36 30.00	-0.1	FIN	84.92	355 P	36 56.63	-0.7	Felt on Adak.				
	1.1s	16.50nm		4.9mb	STV	84.93	356 P	36 56.22	-1.2	ADK	1.14	54 iPd	35 51.85	0.3
					ENR	84.94	356 P	36 56.12	-1.4	SVW	15.90	43 iPc	39 16.08	1.5
GEC2	79.93	352 ePc	36 31.10	-0.5	SFI	84.98	353 P	36 59.20	1.7		1.0s	33.67nm		4.4mb
	0.8s	6.87nm		4.7mb	PGD	85.03	353 P	36 59.50	1.4	KDC	16.22	56 eP	39 14.18	-4.4X
					IVA	85.12	347 iPc	36 59.18	0.7		0.8s	25.07nm		4.4mb
					FIR	85.16	353 e(P)	36 56.00	-2.5	TTA	16.69	37 ePd	39 25.84	1.2
					IMI	85.24	356 P	36 58.58	-0.4		0.8s	14.33nm		4.2mb
PSZ	80.17	348 eP	36 33.40	0.5	BRY	85.28	348 iPc	36 59.25	-0.1	BGL	17.37	45 eP	39 34.36	1.2
MTA	80.33	329 iPc	36 34.00	0.4	NKY	85.30	348 iPc	36 59.51	0.1	CRP	17.48	45 eP	39 35.39	0.8
	0.8s	200.00nm		6.2mb	PVY	85.38	347 iPc	36 59.90	0.1	SPU	17.49	45 eP	39 35.80	1.2
FLN	80.50	2 iPc	36 34.20	-0.2	ARMA	85.46	206 iPd	37 15.30	15.2X	SLKM	18.09	48 eP	39 39.79	-2.2
	1.2s	86.90nm		5.6mb		0.7s	14.00nm			PMS	18.64	46 eP	39 47.60	-1.1
LDF	80.67	1 iPc	36 35.20	-0.2	CDR	85.55	357 ePc	37 01.20	0.7	PMR	18.95	46 eP	39 53.42	1.0
	0.6s	45.45nm		5.6mb	ASPA	85.61	223 eP	37 01.30	0.4		0.7s	7.01nm		4.0mb
CDF	80.77	356 iPc	36 35.90	-0.1						IMA	19.37	31 eP	39 58.90	1.3
	0.8s	14.25nm		5.0mb	FRF	85.64	357 iPc	37 01.20	0.3		0.9s	56.40nm		4.8mb
GRR	80.87	2 iPc	36 36.40	0.0		0.8s	22.45nm		5.4mb	KLU	20.38	47 iPc	40 08.60	0.3
	0.8s	53.75nm		5.6mb	TTG	85.64	347 iPc	37 01.06	0.1	TOA	20.44	46 eP	40 08.10	-0.8
VR1	81.07	343 ePd	36 38.00	0.4	HCY	85.73	348 iPc	37 01.20	-0.2	FBA	20.82	37 eP	40 11.21	-1.4
HAU	81.21	357 iPc	36 38.30	0.1	LRG	85.75	357 iPc	37 01.20	-0.2		0.8s	7.19nm		4.1mb
	1.0s	32.40nm		5.3mb		1.2s	55.95nm		5.7mb	BALM	21.96	50 eP	40 24.59	0.2
LPF	81.22	2 iPc	36 38.40	0.2	ASS	85.75	352 P	37 02.70	1.1	MB	33.60	22 eP	42 10.00	-0.6
	1.2s	78.55nm		5.6mb	SKO	85.77	346 iP	37 02.70	1.1	MAT	34.15	262 eP	42 15.00	-0.8
SLE	81.36	356 P	36 39.38	0.3		0.9s	84.00nm		6.0mb	YKA	35.05	46 eP	42 21.00	-2.2
BSF	81.37	357 iPc	36 38.90	-0.3	Z	20s	3.19um		5.7Msz		0.8s	3.70nm		4.4mb
	0.9s	19.50nm		5.1mb						GMW	35.52	74 iPc	42 28.18	0.8
CFR	81.46	342 eP	36 40.00	0.5	BDV	85.85	348 iPc	37 01.48	-0.5	RMW	36.15	73 iPc	42 33.26	0.5
ZLA	81.65	356 P	36 41.09	0.5	LMR	85.87	357 iPc	37 02.50	0.5	LON	36.48	74 eP	42 35.22	-0.3
KBA	81.72	352 iP	36 41.50	0.4		1.1s	42.75nm		5.6mb	VGB	37.71	76 iPc	42 46.23	0.4
	0.9s	85.00nm		5.8mb	ULC	86.10	347 eP	37 02.59	-0.7	NEW	38.57	70 ePd	42 52.79	-0.3
ERE	81.79	328 iP+	36 42.00	0.5	VAY	86.22	345 iP	37 04.40	0.6		0.8s	20.83nm		5.0mb
	1.0s	11.00nm		4.8mb	EPF	86.24	1 iPc	37 03.70	-0.3	SNY	40.19	280 P	43 07.20	0.7
LOR	82.00	359 iPc	36 42.50	0.1		0.9s	11.80nm		5.1mb	SES	41.07	64 eP	43 13.00	-0.7
	0.7s	18.30nm		5.2mb	MNS	86.43	352 P	37 04.80	-0.1	BONR	43.47	84 eP	43 33.87	0.1
WB2	82.14	225 eP	36 43.00	-0.4	PGF	86.54	355 iPc	37 05.60	0.1	NHAI	43.98	74 eP	43 38.37	0.7
	0.9s	4.40nm		4.5mb		1.1s	115.75nm		6.0mb	PTI	44.23	74 iPc	43 40.46	0.8
					AZI	86.76	351 P	37 07.20	0.8	HVU	44.61	76 iPc	43 42.66	-0.1
WRA	82.15	225 P	36 43.20	-0.2	DUI	86.98	351 P	37 08.70	1.0	TPNV	45.37	83 eP	43 49.23	0.3
	0.7s	1.40nm		4.1mb X	GBA	88.42	290 P	37 15.00	0.2		0.7s	5.68nm		4.6mb
SSF	82.21	359 iPc	36 43.70	0.2	TDL	89.25	5 eP	37 18.00	-0.5	DUG	45.52	77 ePc	43 50.00	0.0
	0.8s	25.25nm		5.3mb	STKA	89.95	213 eP	37 22.40	0.9		0.5s	3.11nm		4.5mb
LLS	82.23	355 P	36 44.11	0.3										

30d 08h

TIA 47.57 278 eP 44 06.10 0.0
 SRU 47.58 77 eP 44 05.81 -0.6
 RSSD 48.45 68 iPc 44 11.91 -1.2
 0.6s 4.08nm 4.6mb
 PV10 48.94 77 eP 44 17.50 0.5
 BTO 49.19 287 eP 44 19.50 0.8
 GOL 50.34 73 eP 44 27.66 -0.1
 1.2s 41.70nm 5.3mb
 LZH 55.80 287 eP 45 08.00 -0.2
 1.5s 35.00nm 5.2mb
 sP 45 22.50
 GTA 55.99 292 iPc 45 08.80 -0.6
 1.0s 26.00nm 5.2mb
 pP 45 13.50 15kmX
 sP 45 16.50
 EEO 60.33 52 eP 45 40.50 1.0
 MIAR 60.80 70 ePc 45 41.53 -1.4
 1.2s 18.97nm 5.1mb
 RSNY 64.05 51 P 46 10.00 5.6X
 Z 21s 0.49um 4.7MsZ
 KAF 65.34 348 iP 46 10.30 -2.2
 0.5s 3.20nm 4.7mb
 HRV 67.01 50 P 46 30.00 6.6X
 Z 19s 0.49um 4.7MsZ
 NUR 67.11 348 eP 46 14.00 -9.7X
 LSA 67.86 290 P 46 31.10 1.6
 CEH 68.08 60 P 46 40.00 9.8X
 Z 19s 0.57um 4.8MsZ
 GUN 72.28 292 Pc 46 56.60 0.3
 0.6s 126.00nm 6.1mb X
 KKN 72.72 293 Pc 46 58.94 0.2
 PKI 72.81 293 Pc 46 59.38 0.0
 GKN 72.93 293 Pc 46 59.88 0.0
 0.9s 109.00nm 5.8mb X
 DMN 72.95 293 Pc 47 00.36 0.2
 1.0s 72.00nm 5.6mb
 KHC 79.51 352 eP 47 36.00 -0.4
 GEC2 79.79 352 eP 47 37.40 -0.6
 0.9s 1.57nm 4.0mb
 MLR 81.43 343 iPd 47 32.50 -14.3X
 WB2 82.18 224 iPc 47 50.00 -0.7
 1.1s 3.20nm 4.3mb
 WRA 82.18 224 P 47 50.20 -0.5
 0.5s 1.10nm 4.2mb
 ASPA 85.65 223 eP 48 08.40 0.1
 STKA 90.02 213 iPc 48 29.60 0.6
 STK 90.02 213 P 48 30.50 1.5
 S.D. = 0.9 on 57 of 63 obs.

? SEP 30, 1992 08h 42m 52.59±12.90s
 44.152 N ±67.0km 2.386 E ±66.4km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.4 (LDG).

CAF 0.81 344 Pg 43 08.20 -0.1
 Sg 43 20.50
 Sn 43 22.00
 LPO 1.01 302 Pg 43 11.70 0.0
 Sg 43 25.30
 RJF 1.31 332 Pg 43 17.10 0.3
 Sg 43 34.60
 LFF 1.42 304 Pg 43 18.50 0.1
 Sg 43 37.30
 S.D. = 0.3 on 4 of 4 obs.

% SEP 30, 1992 09h 10m 52.73±1.27s
 44.855 N ±11.1km 0.948 E ±9.5km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.3 (LDG).

LFF 0.17 300 Pg 10 56.20 -0.4
 Sg 10 59.80
 LPO 0.24 135 Pg 10 58.10 0.2
 Sg 11 02.30
 RJF 0.60 42 Pg 11 03.20 -1.7
 Sg 11 11.00
 CAF 0.80 84 Pg 11 07.60 -0.6
 Sg 11 17.90
 TCF 1.69 31 Pg 11 23.40 1.0
 Sg 11 44.60
 MAF 1.78 39 Pg 11 25.30 1.6
 Sg 11 47.50
 S.D. = 1.5 on 6 of 6 obs.

% SEP 30, 1992 09h 40m 21.22±1.61s

16.790 N ±18.3km 99.494 W ±9.6km
 DEPTH = 33.0km (normal)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.36 283 iP 40 29.50 -0.3
 IS 40 35.50
 IIT 2.49 27 eP 41 00.50 -0.1
 IS 41 32.00
 UNM 2.55 7 eP 41 02.25 0.9
 (S) 41 33.50
 OXX 2.67 83 eP 41 03.50 0.5
 IS 41 34.00
 IISM 2.97 42 iP 41 06.00 -1.2
 IS 41 46.00
 MRX 3.32 331 eP 41 15.00 3.0X
 IS 41 53.00
 CGX 4.75 308 (P) 41 43.00 10.4X
 S.D. = 1.1 on 5 of 7 obs.

SEP 30, 1992 09h 42m 50.95±0.11s
 51.148 N ±2.7km 178.175 W ±1.6km
 DEPTH = 13.7km (geophysicist)
 5.8mb (166 obs.) 6.0MsZ (70 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 5.4 (PMR). Mo=2.5*10**18 Nm
 (PPT). Felt (III) on Adak. Depth
 from broadband displacement
 seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=80 Dip=77 Slip=90
 NP2: 260 13 90
 Principal Axes:
 T P1g=58 Azm=350
 P 32 170
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.

RADIATED ENERGY
 No. of sta: 17 Focal mech. C
 Energy 8.3±1.8*10**12 Nm
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 27S, 66C
 Centroid Location:
 Origin Time 09:43: 2.7 0.2
 Lat 51.31N 0.02 Lon 178.17W 0.04
 Dep 17.1 1.5 Half-duration 3.0
 Moment Tensor: Scale 10**18 Nm
 Mrr=-0.78 0.02 Mtt=-0.74 0.03
 Mff=-0.04 0.02 Mrt=1.01 0.11
 Mrf=0.79 0.08 Mtf=-0.22 0.02
 Principal Axes:
 T Vol=1.54 P1g=59 Azm=312
 N -0.06 9 58
 P -1.47 29 154
 Best Double Couple: Mo=1.5*10**18
 NP1:Strike=269 Dip=18 Slip=122
 NP2: 56 75 80

ADK 1.19 51 eP 43 15.03 2.3
 SMY 5.03 291 eP 44 11.81 4.1X
 SDN 11.39 61 eP 45 34.84 -1.1
 PET 14.36 287 iP+ 46 16.00 0.5
 1.0s 230.00nm 5.8mb
 Z 20s 121.00um 5.0MsZ
 N 20s 39.00um
 E 22s 77.00um
 ANM 15.03 22 eP 46 27.64 3.4X
 SVW 15.96 43 eP 46 37.54 1.2
 0.9s 685.70nm 5.8mb
 SKR 16.21 278 iPc 46 38.40 -1.2
 0.9s 390.00nm 5.5mb
 Z 18s 36.50um 3.8MsZ
 N 18s 13.70um
 E 18s 33.10um
 eS 49 32.00
 KDC 16.27 56 eP 46 40.82 0.6
 0.6s 171.98nm 5.4mb
 TTA 16.76 37 eP 46 48.15 1.6
 1.0s 301.51nm 5.4mb
 ILT 16.81 359 iPc 46 50.00 3.0
 1.2s 577.00nm 5.6mb
 Z 17s 11.00um 4.0MsZ
 N 17s 16.00um
 E 17s 15.00um

BC 17.43 45 eP 46 56.92 1.9
 CRP 17.54 45 ePc 46 58.32 1.9
 SPU 17.55 45 iPc 46 58.26 1.8
 SLKM 18.15 48 ePc 47 03.49 -0.4
 PMS 18.70 46 eP 47 10.70 0.1
 PWA 18.70 45 eP 47 11.90 1.4
 0.9s 409.30nm 5.6mb
 PMR 19.01 45 eP 47 15.46 1.2
 1.0s 125.00nm 5.1mb
 IMA 19.45 31 iPc 47 19.44 -0.3
 1.0s 249.55nm 5.4mb
 MGD 19.50 309 ePc+ 47 22.00 1.7
 1.1s 80.00nm 4.9mb
 Z 18s 29.00um 4.2MsZ
 N 22s 11.00um
 E 18s 29.00um
 eS 51 00.00
 MID 19.76 53 eP 47 27.10 4.1X
 KLU 20.44 47 eP 47 30.55 0.3
 TOA 20.50 45 eP 47 29.60 -1.3
 COL 20.89 37 ePc 47 33.11 -1.6
 FBA 20.89 37 eP 47 34.28 -0.5
 0.8s 4.98nm 3.9mb X
 BALM 22.02 49 eP 47 47.04 0.7
 BRW 22.44 18 iPd 47 50.60 0.4
 KUR 23.25 269 eP 48 00.50 2.0
 1.0s 450.00nm 6.0mb
 Z 16s 9.00um 5.3MsZ X
 N 16s 22.40um
 E 16s 5.60um
 pP 48 12.00 45kmX
 e 48 26.00
 SIT 25.47 60 eP 48 21.30 1.6
 0.8s 76.83nm 5.4mb
 Z 19s 16.84um 5.6MsZ
 YSS 25.73 276 iPd- 48 23.70 1.5
 1.0s 170.00nm 5.7mb
 Z 17s 12.30um 5.5MsZ X
 N 15s 7.10um
 E 17s 10.90um
 eS 52 53.00
 KUSJ 26.28 267 eP 48 26.00 -1.3
 ASAJ 27.07 270 eP 48 35.50 0.9
 ERM 27.82 266 (P) 48 43.18 1.8
 MRRJ 28.91 269 eP 48 43.50 -7.8X
 YAK 29.85 312 iPd 48 57.90 -1.6
 Z 18s 39.90um 6.1MsZ
 N 22s 24.60um
 E 18s 29.40um
 e 50 08.00
 e 51 58.00
 eS 53 56.00
 eSS 55 36.00
 e 55 44.00
 OFUJ 30.42 262 P 49 04.00 -0.8
 TIK 31.03 331 eP 49 09.00 -0.8
 i 50 14.00
 e 52 03.00
 i 59 39.00
 KAKJ 33.13 260 P 49 28.40 -0.1
 NIJJ 33.21 262 P 49 29.60 0.4
 MBC 33.68 22 ePc 49 32.70 -0.2
 0.8s 35.00nm 5.3mb
 CHJJ 33.96 260 P 49 36.20 0.4
 MAJO 34.14 262 ePc 49 37.84 0.5
 ec 49 38.92
 ePd 49 41.90 14kmX
 eSpd 49 43.72
 MTMJ 34.36 262 P 49 39.70 0.4
 PGC 34.66 72 eP 49 42.30 0.7
 MDJ 35.00 280 ePc 49 43.64 -0.9
 0.9s 65.00nm 5.5mb
 Z 22s 36.90um 6.1MsZ
 N 16s 8.24um
 E 20s 227.00um
 ec 49 44.88
 ed 49 49.43
 MCW 35.02 72 eP 49 45.96 1.2
 YKA 35.11 46 eP 49 43.70 -1.6
 0.8s 44.80nm 5.4mb
 GMW 35.54 74 iPc 49 50.15 0.9
 BMW 35.77 75 iPc 49 51.81 0.6
 TSRJ 36.17 263 P 49 54.70 0.1
 RMW 36.17 73 iPc 49 55.24 0.6
 SHW 36.51 75 ePc 49 58.30 0.8
 WKYJ 37.27 261 P 50 05.00 1.1
 VGB 37.73 75 iPc 50 08.48 0.8

	0.9s		113.67nm			5.8mb
BJI	45.81	283	iPc	51	14.05	0.3
	1.0s		110.00nm			5.8mb
Z	20s		18.10um			6.0Msz
E	18s		13.30um			
			ec	51	15.29	
			epPd	51	18.02	13kmX
			esPd	51	20.34	
			ed	51	22.33	
			ePP	52	56.00	
			eS	57	48.00	
			esS	58	08.00	
			eSS	01	06.00	
FCC	45.84	46	eP	51	18.00	4.3X
IRK	45.86	303	eP+	51	14.00	-0.1
			eS	58	12.00	
BW06	46.00	72	iPc	51	15.19	-0.4
GSC	46.08	85	ePc	51	16.03	-0.1
SSK	46.22	87	eP	51	17.39	0.0
DAU	46.36	76	iPc	51	18.79	0.2
ARUT	46.61	80	eP	51	20.18	-0.2
PEC	47.41	87	eP	51	21.66	0.2
	1.3s		26.76nm			5.1mb
MSU	46.95	79	iPc	51	22.96	-0.2
EMUT	46.99	76	ePc	51	23.42	-0.1
PLM	47.31	87	iPd	51	25.77	-0.2
ZAK	47.41	302	eP+	51	28.00	1.7
	1.2s		360.00nm			6.3mb
Z	20s		32.74um			6.3Msz
N	20s		16.20um			
E	20s		47.52um			
			e	53	23.00	
			eS	58	24.00	
TIA	47.58	278	Pc	51	27.90	0.0
	1.0s		130.00nm			6.0mb
Z	22s		15.50um			5.9Msz
N	20s		8.32um			
E	20s		11.10um			
			S	58	25.00	
SRU	47.60	77	eP	51	27.74	-0.5
GUA	47.90	232	eP	51	33.00	2.5
MOY	47.92	304	eP	51	30.40	0.2
	1.5s		112.00nm			5.7mb
HHC	48.13	286	Pc	51	33.00	0.8
	1.2s		280.00nm			6.2mb
Z	20s		34.90um			6.3Msz
N	20s		13.30um			
E	20s		27.90um			
			pP	51	41.50	28kmX
			PP	53	24.00	
			S	58	30.00	
SSE	48.39	270	ePc	51	34.43	0.3
	1.4s		150.00nm			5.9mb
Z	20s		10.10um			5.8Msz
N	20s		4.50um			
E	18s		4.10um			
			ec	51	35.83	
			epPd	51	38.98	15kmX
			ed	51	41.54	
			PP	53	26.00	
			S	58	26.00	
RSSD	48.49	68	iPc	51	34.15	-0.9
	0.7s		52.87nm			5.7mb
Z	19s		7.91um			5.7Msz
			S	58	37.29	
			SS	02	03.45	
GLA	48.78	86	iPd	51	36.56	-0.7
NJ2	49.21	272	Pc	51	39.40	-1.1
	1.4s		81.00nm			5.6mb
N	20s		10.70um			
E	17s		4.42um			
BTO	49.21	287	P	51	41.50	0.9
	1.0s		150.00nm			6.0mb
N	20s		16.60um			
E	19s		16.80um			
			pP	51	54.00	45kmX
			PP	53	39.50	
ULM	49.48	57	eP	51	44.00	1.6
TIY	49.54	283	iPd	51	44.00	0.9
	1.0s		130.00nm			5.9mb
Z	21s		18.80um			6.1Msz
N	20s		15.50um			

Call	Freq	Power	Mode	Time	Lat	Long	Alt	Speed	Heading	Remarks
GOA	50.37	73.1	Pd	51	49.88	0.2				
	0.8s	146.09	nm			6.0mb				
Z	21s	15.38	um			6.0Msz				
			S	59	05.23					
			SS	03	32.32					
UER	51.51	307	iPc	51	55.00	-2.8				
DAG	51.68	6	iPd	51	57.00	-1.8				
	1.1s	44.30	nm			5.3mb				
Z	19s	19.44	um			6.2Msz				
N	19s	12.92	um							
TUC	51.82	84	ePc	51	59.44	-1.1				
	1.3s	101.62	nm			5.6mb				
Z	18s	7.20	um			5.7Msz				
			S	59	15.33					
TATO	52.48	264	ePc	52	03.63	-1.8				
			ed	52	11.08					
ALO	52.76	78	ePc	52	06.99	-0.7				
	1.0s	57.60	nm			5.5mb				
Z	20s	13.36	um			6.0Msz				
WHN	53.06	274	Pc	52	09.00	-0.7				
	1.0s	76.00	nm			5.6mb				
Z	24s	10.10	um			5.8Msz				
N	16s	3.88	um							
E	20s	9.84	um							
XAN	54.09	281	P	52	16.50	-0.8				
	1.0s	96.00	nm			5.8mb				
Z	21s	16.40	um			6.1Msz				
N	17s	5.32	um							
E	17s	5.28	um							
			sP	52	32.50					
			PP	54	20.00					
			ScS	02	03.00					
QZH	54.32	266	ePc	52	18.00	-1.0				
Z	22s	6.46	um			5.6Msz				
N	20s	3.60	um							
			pP	52	32.00	51kmX				
			ScS	02	03.00					
LZH	55.83	287	iPc	52	30.46	0.4				
	1.5s	430.00	nm			6.3mb				
Z	22s	23.90	um			6.2Msz				
E	16s	6.52	um							
			ec	52	31.62					
			epPd	52	34.51	13kmX				
			ed	52	35.84					
			ed	52	38.24					
			PcP	53	25.00					
			PP	54	38.00					
GTA	56.02	292	iPc	52	31.20	-0.2				
	1.0s	380.00	nm			6.4mb				
E	17s	28.30	um							
			sP	52	46.00					
			S	00	17.00					
			SS	04	05.00					
ENH	56.30	278	ePc	52	31.79	-1.5				
			ec	52	33.12					
			epPd	52	36.26	15kmX				
UKR	56.46	311	iPc	52	33.00	-1.2				
	0.9s	100.00	nm			5.8mb				
Z	19s	10.00	um			5.9Msz				
			eS	00</						

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E	16s	7.02um	—	
CCM	59.77	66 (P)	53 08.00	
WMQ	59.80	303 iPc	52 57.26	-2.2
	1.0s	84.00nm	5.8mb	
Z	20s	35.30um	6.5Msz	
N	20s	20.70um		
		ec	52 59.00	
		epPd	53 02.23	16kmX
		ed	53 04.05	
		PP	55 10.00	
		S	01 08.00	
		sS	01 26.00	
SLM	59.95	65 P	53 10.00	11.2X
Z	19s	8.76um	5.9Msz	
FVM	60.29	65 iPc	52 59.07	-2.1
	1.1s	197.76nm	6.2mb	
Z	21s	9.54um	5.9Msz	
EEO	60.38	52 ePd	53 02.70	1.0
OVP	60.52	256 eP	53 10.00	7.1X
UYO	60.57	71 iPc	53 01.00	-2.1
GYA	60.74	277 iPc	53 03.20	-1.3
	1.4s	97.00nm	5.7mb	
Z	20s	12.30um	6.0Msz	
N	18s	5.54um		
E	18s	5.32um		
		pP	53 18.00	54kmX
		PcP	53 48.00	
		PP	55 18.00	
		S	01 18.00	
MIAR	60.83	70 iPc	53 03.77	-1.1
	0.9s	52.21nm	5.7mb	
Z	19s	2.79um	5.4Msz	
TGY	60.96	256 eP	53 06.50	0.6
OLY	61.41	68 ePc	53 06.22	-2.6
PGP	61.42	255 ePc	53 09.00	0.0
ELC	61.46	65 ePc	53 07.21	-1.9
ELF	61.66	56 P	53 09.80	-0.6
DLA	61.76	56 P	53 10.95	-0.1
LDN	61.84	56 P	53 10.80	-0.8
SVE	62.01	328 iPc	53 11.00	-1.6
	2.2s	30.00nm	5.1mb	
Z	21s	16.50um	6.2Msz	
N	21s	13.50um		
E	21s	10.50um		
		eS	01 36.00	
ACTO	62.01	55 P	53 12.76	0.0
BIP	62.43	247 iPd	53 14.00	-1.8
TYNO	62.48	55 P	53 15.68	-0.2
AKU	62.49	9 iP	53 15.20	-0.4
	1.0s	52.00nm	5.7mb	
WLVO	62.64	53 P	53 16.76	-0.1
STCO	62.76	54 P	53 17.57	-0.1
ARU	63.02	329 iPc	53 18.28	-0.9
	1.0s	300.00nm	6.4mb	
Z	18s	15.50um	6.2Msz	
N	18s	13.00um		
E	18s	9.00um		
		ec	53 19.69	
		epP	53 22.17	13kmX
		esPd	53 24.66	
		ePPP	57 12.00	
		eS	01 48.00	
		ePS	02 10.00	
		e	03 10.00	
RSNY	64.10	51 iPc	53 24.54	-2.0
	0.9s	23.65nm	5.4mb	
Z	19s	12.93um	6.1Msz	
KMI	64.15	278 iPc	53 26.66	-0.7
	1.5s	130.00nm	5.9mb	
Z	22s	6.30um	5.8Msz	
N	18s	6.70um		
E	14s	2.40um		
		ec	53 27.73	
		epPd	53 30.96	14kmX
		esPd	53 32.37	
		S	02 04.00	
QIZ	64.15	269 ePc	53 27.25	0.1
		ec	53 28.50	
		epPd	53 31.81	15kmX
		esPd	53 33.46	
CBM	65.32	45 eP	53 31.77	-2.6
KAF	65.42	348 iP	53 33.20	-1.6
	0.6s	29.80nm	5.6mb	
TLG	65.44	309 eP	53 35.70	0.4
	2.5s	105.00nm	5.6mb	
N	18s	6.00um		

E	18s	6.00um	
GBTN	65.46	63 iPc	53 34.17
PRZ	65.51	308 (P)	53 37.00
Z	18s	9.00um	6.0Msz
BNH	65.64	49 iPc	53 34.62
AAA	65.65	309 iP	53 37.00
Z	20s	7.50um	5.9Msz
N	20s	7.00um	
E	20s	5.50um	
		eS	02 26.00
		e	03 32.00
NAV	66.15	60 ePd	53 38.98
BLA	66.43	60 eP	53 41.25
	1.3s	228.13nm	6.2mb
MOL	66.54	357 eP	53 41.05
LVNJ	66.75	53 ePc	53 42.40
TXNY	66.77	53 iP	53 42.60
TBR	66.78	53 eP	53 41.55
MRX	66.80	87 (P)	53 44.00
PNJ	66.98	53 iP	53 44.30
PUL	67.06	345 eP+	53 44.00
	1.6s	80.00nm	5.6mb
Z	20s	12.00um	6.1Msz
N	20s	7.50um	
E	20s	4.90um	
		e	54 06.00
		ePPP	57 55.00
		eS	02 34.00
		ePS	03 09.00
		e	06 54.00
HRV	67.07	50 P+	53 45.80
Z	18s	15.26um	6.3Msz
FRU	67.10	310 iP	53 46.00
	1.8s	120.00nm	5.8mb
Z	24s	17.00um	6.2MszX
N	24s	15.50um	
E	24s	14.00um	
		e	54 07.00
		e	56 12.00
		ePPP	57 52.00
		eS	02 54.00
SWI	67.14	237 iPc	53 45.00
NUR	67.19	348 iP	53 44.70
	0.9s	62.00nm	5.8mb
AAK	67.31	310 ePc	53 46.86
		ed	53 51.99
CBN	67.33	57 eP	53 47.00
	1.0s	60.00nm	5.7mb
PMC	67.35	217 eP	53 47.00
LMN	67.61	44 ePd	53 50.90
PRM	67.65	63 iPc	53 48.38
LSA	67.89	290 iPc	53 52.51
	0.5s	13.00nm	5.4mb
Z	20s	25.50um	6.4Msz
N	19s	15.40um	
E	18s	7.37um	
		ec	53 54.66
		ed	53 57.64
		ed	53 59.22
		ed	54 01.20
		S	02 50.00
NB2	67.91	355 P	53 49.40
	1.0s	72.40nm	5.8mb
JSC	68.12	62 iPc	53 51.59
CEH	68.13	60 iPc	53 51.85
	1.0s	180.60nm	6.2mb
LHS	68.23	62 iPc	53 52.22
UNM	68.34	86 (P)	53 52.50
UPP	68.61	352 iP	53 53.40
	1.1s	300.00nm	6.4mb
HFS	68.66	354 eP	53 53.60
	1.1s	92.60nm	5.9mb
Z	18s	4.06um	5.7Msz
		LR	18 15.00
KSH	69.00	307 P	53 56.00
	1.0s	260.00nm	6.4mb
Z	20s	19.90um	6.4Msz
N	17s	11.50um	
E	16s	17.80um	
		pP	54 06.00
		PP	56 33.00
		S	02 57.00
		eS	03 20.00
		ScS	03 54.00
SGS	69.34	63 eP	53 59.77
KONO	69.38	356 ePc	53 59.01

		ec	54 00.34
		esPd	54 05.22
		ed	54 06.88
MOS	69.41	339 iP	54 00.00
	2.0s	630.00nm	6.4mb
Z	19s	20.00um	6.4Msz
		eS	03 08.00
HBF	69.61	63 eP	54 01.62
IISM	69.73	85 (P)	54 02.50
KKM	70.13	254 eP	54 05.40
OBN	70.23	340 iPc+	54 04.00
	1.0s	310.00nm	6.4mb
		e	54 25.00
		e	56 40.00
		ePPP	58 20.00
		eS	03 12.00
LOE	70.47	274 eP	54 05.50
SHL	70.49	287 iP	54 07.00
		iS	03 26.00
AAI	71.15	238 eP	54 10.00
CHG	71.16	277 iPc	54 10.50
	1.1s	58.54nm	5.6mb
RUV	71.33	149 eP	54 23.00
	1.6s	230.00nm	11.1X
OXX	71.56	86 (P)	54 14.50
BDT	72.30	276 iPc	54 15.80
	1.0s	55.20nm	5.6mb
GUN	72.31	292 Pc	54 18.78
	0.7s	878.00nm	6.9mb X
MUD	72.59	356 iPd	54 19.70
	0.9s	42.00nm	5.5mb
EDU	72.60	3 ePc	54 18.20
	1.1s	97.00nm	5.8mb
ELO	72.65	3 ePc	54 18.80
	1.1s	49.00nm	5.5mb
		e	54 39.80
KKN	72.75	293 Pc	54 21.12
NST	72.77	274 eP	54 22.00
PKI	72.84	293 Pc	54 21.52
	1.2s	718.00nm	6.6mb
EBH	72.88	3 ePc	54 20.30
		e	54 41.50
EAB	72.91	4 ePc	54 20.50
		e	54 41.90
GKN	72.96	293 Pc	54 22.10
	1.4s	1243.00nm	6.8mb
DMN	72.98	293 Pc	54 22.52
	1.4s	1016.00nm	6.7mb
MNK	73.12	344 eP	54 18.00
Z	20s	8.00um	6.0Msz
N	20s	7.10um	
		ePPP	58 40.00
		eS	03 40.00
COP	73.17	354 iPc+	54 22.30
	0.9s	104.20nm	5.9mb
Z	20s	3.55um	5.6Msz
		i	54 43.70
		e	04 10.00
ESY	73.24	3 ePc	54 21.90
	1.3s	68.00nm	5.6mb
		e	54 43.60
EAU	73.29	3 ePc	54 22.80
		e	54 44.20
E8L	73.37	3 ePc	54 23.20
BSD	73.55	352 iPc	54 23.50
	0.8s	39.00nm	5.5mb
		i	54 39.50
EKA	73.81	3 Pd	54 26.40
	0.9s	93.90nm	5.8mb
ESK	73.82	3 iPc	54 26.00
	1.0s	120.00nm	5.9mb
		e	54 47.50
DZM	74.15	195 iPc	54 28.90
DMU	75.07	5 iPc	54 33.40
	0.9s	403.00nm	6.5mb
NNT	75.36	272 iPd	54 35.60
DCN	75.60	6 iPc	54 36.50
	1.0s	371.00nm	6.4mb
DLF	75.69	5 iPc	54 37.10
	1.0s	928.00nm	6.8mb
ETA	76.31	5 iPc	54 40.70
	1.0s	418.00nm	6.5mb
WIT	76.33	357 eP	54 42.00
BRNL	76.34	353 ePc	54 40.50
BRN	76.36	353 eP	54 42.00
ECB	76.61	5 iPc	54 42.20
	1.0s	267.00nm	6.3mb

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NDI	76.63	299	iPc	54	42.50	-0.2	PRU	78.66	352	iPc	54	53.00	-0.6		0.8s	640.00nm	6.7mb			
	1.0s	120.00nm				5.9mb		1.1s	41.30nm				5.4mb							
		ePP	57	44.00			Z	20s	5.20um				5.9Msz							
		eS	04	30.00			N	21s	4.80um											
DBN	77.09	358	eP+	54	40.00	-4.8X	E	19s	7.30um					SIM	80.28	337	eP	55	02.00	-0.4
Z	20s	3.00um				5.6Msz														
		ePS	05	28.00																
		eSS	10	36.00										FLN	80.45	2	iPc	55	03.10	-0.1
WTS	77.15	357	iPc	54	45.30	0.1	SNF	78.70	358	iPc	54	53.74	0.0		1.0s	184.00nm	6.0mb			
	1.0s	161.00nm				6.1mb								Z	19s	2.42um	5.6Msz			
		e	55	07.00			SPC	78.81	348	eP	54	55.40	0.7							
MKS	77.24	245	iPc	54	45.60	-0.6	TNS	78.85	356	iPc	54	54.90	0.2	KMR	80.61	352	iPc	55	03.60	-0.5
MTN	77.44	231	iPd	54	46.70	-0.5	CPZ	78.88	5	ePc	54	54.60	-0.1	LDF	80.62	1	iPc	55	03.90	-0.3
	0.8s	136.00nm				6.1mb														
CLL	77.48	353	iPc	54	46.50	-0.5								IPM	80.68	266	ePc	55	04.30	-0.7
	1.3s	90.00nm				5.7mb	UZH	79.06	346	iPd	54	55.00	-0.8		1.0s	34.60nm	5.3mb			
Z	18s	4.50um				5.8Msz								WLS	80.71	356	P	55	04.59	-0.1
		i	54	58.50			Z	19s	6.00um				6.0Msz	CDF	80.71	356	P	55	04.59	-0.2
		eS	04	48.00			N	19s	8.50um					FUR	80.74	354	iPc	55	05.00	0.2
CTA	77.50	214	iPc	54	46.50	-1.0	E	19s	8.50um						1.0s	84.00nm	5.7mb			
	1.7s	96.15nm				5.6mb								Z	18s	6.00um	6.0Msz			
		e	55	22.00										BST	80.80	4	P	55	05.56	0.5
		iS	04	39.00										GRR	80.82	2	iPc	55	05.20	0.0
		e	09	42.00											0.9s	188.70nm	6.1mb			
CTAO	77.50	214	ePc	54	46.43	-1.1	DOU	79.11	358	Pc	54	56.20	0.2	ECH	80.91	356	P	55	05.69	0.0
		ec	54	48.42				1.0s	233.30nm				6.2mb	VITF	80.95	357	P	55	05.95	0.0
		ePpd	54	51.07		15kmX								LI8D	80.96	356	P	55	06.13	0.2
		eSPd	54	53.06			VRAC	79.13	350	iPc	54	56.20	0.1	VRI	81.00	343	ePc	55	06.50	0.3
KSP	77.64	351	iPc	54	47.00	-1.0		1.2s	260.30nm				6.1mb	BHG	81.05	352	iPc	55	06.80	0.3
	1.1s	46.00nm				5.5mb	GRF	79.22	354	iPc	54	57.30	0.6		1.0s	49.00nm	5.5mb			
		i	55	09.00				1.1s	202.00nm				6.1mb	HAU	81.15	357	iPc	55	07.00	0.0
LVV	77.64	345	eP	54	48.00	0.0									1.0s	102.00nm	5.8mb			
		eS	05	03.00											Z	21s	2.10um	5.5Msz		
BRG	77.84	352	iPc	54	48.60	-0.4	MAIO	79.30	316	iPc	54	58.20	0.8	LPF	81.17	2	iPc	55	07.30	0.3
	1.0s	100.00nm				5.8mb		0.9s	14.92nm				5.0mb		1.1s	189.00nm	6.0mb			
	Z	20s	3.00um			5.6Msz	KIS	79.48	342	iPc+	54	58.50	0.4	FEL	81.21	356	P	55	07.23	-0.2
	N	20s	3.00um					1.0s	1000.00nm				6.8mb	KGM	81.22	262	ePd	55	07.50	-0.3
	E	20s	6.50um											MOF	81.28	356	P	55	07.32	-0.4
		eSKS	05	04.00										SLE	81.30	355	iPc	55	07.70	-0.1
OJC	77.86	348	eP	54	48.90	-0.3								BSF	81.31	357	P	55	07.74	-0.2
	1.0s	113.00nm				5.9mb	WLF	79.50	357	Pc	54	59.00	0.9	WATA	81.54	353	iPc	55	09.10	-0.1
Z	17s	5.40um				5.9MszX									1.0s	157.00nm	6.0mb			
		i	55	10.50			ANN	79.54	335	eP	54	58.00	-0.4							
		e	05	21.00				0.8s	40.00nm				5.5mb	MOTA	81.56	354	eP	55	09.30	0.0
BNS	78.16	357	iPc	54	50.70	-0.1	Z	20s	4.00um				5.8Msz		1.3s	185.00nm	6.0mb			
MAK	78.18	328	iP	54	52.50	1.5	N	20s	6.00um					UZD	81.57	348	eP	55	09.50	0.3
	1.0s	495.00nm				6.5mb	E	20s	3.00um					ZLA	81.59	356	ePc	55	09.30	0.0
		e	55	02.00										WTTA	81.61	353	iPc	55	09.80	0.2
RAC	78.19	349	eP	54	51.00	0.0									1.0s	156.00nm	6.0mb			
Z	20s	8.00um				6.0Msz	KHC	79.60	352	iPc	54	59.20	0.5							
KAT	78.21	320	iP-	54	56.00	4.7X		1.1s	58.50nm				5.5mb	BBS	81.65	356	P	55	09.53	-0.1
	Z	16s	9.60um			6.2MszX		Z	20s	6.50um			6.0Msz	TNR	81.65	344	ePc	55	10.00	0.4
	N	16s	12.00um					N	20s	4.30um				DEV	81.65	345	ePd	55	11.00	1.4
	E	16s	11.00um					E	18s	4.00um				KBA	81.65	352	iPc	55	10.30	0.5
		e	04	50.00											0.9s	305.00nm	6.4mb			
		eS	05	25.00																
MOX	78.24	354	iPc	54	51.40	0.1								SQTA	81.68	354	eP	55	09.90	0.0
	1.3s	106.00nm				5.7mb	WET	79.64	353	iPc	54	59.60	0.6							
	Z	21s	4.10um			5.7Msz		1.0s	45.00nm				5.4mb	ERE	81.70	328	iP+	55	10.00	0.0
	N	21s	2.90um					Z	20s	6.00um			5.9Msz		1.0s	33.00nm	5.4mb			
	E	19s	3.40um				BAK	79.64	325	iPc	55	00.00	1.0							
		eS	04	48.00			BMR	79.81	345	ePd	55	01.00	1.1	LOMF	81.79	357	P	55	10.63	0.2
ENN	78.40	357	iPc	54	52.10	0.0	GEC2	79.87	352	ePc	55	00.00	-0.3	LOR	81.95	359	iPc	55	11.30	0.2
	1.0s	290.00nm				6.3mb		0.9s	29.61nm				5.3mb		1.3s	181.25nm	6.0mb			
		e	55	13.00										OCA	82.04	354	iPc	55	12.50	0.6
ASH	78.40	318	eP	54	53.00	0.6									0.9s	43.00nm	5.5mb			
	1.0s	220.00nm				6.2mb								TIM	82.05	346	iPd	55	16.00	4.4X
	Z	19s	14.66um			6.3Msz								WB2	82.12	224	iPc	55	11.30	-1.0
	N	19s	14.40um												0.7s	25.90nm	5.4mb			
	E	19s	7.73um											SSF	82.16	359	iPc	55	12.50	0.3
		e	55	10.00											0.9s	91.40nm	5.9mb			
		e	57	52.00			SHE	79.88	326	iPc+	55	01.00	0.7							
		eS	04	51.00				1.0s	350.00nm				6.3mb	LLS	82.17	355	iPc	55	12.90	0.4
		e	05	11.00				Z	20s	22.00um			6.5Msz	LBF	82.23	359	iPc	55	12.60	-0.1
		PS	05	28.00				N	20s	20.00um					1.1s	75.45nm	5.7mb			
		e	05	52.50				E	18s	18.00um				BRS	82.29	206	iPc	55	13.70	0.7
UCC	78.41	358	P	54	53.00	0.9														
GRO	78.47	329	iP	54	54.00	1.4														
	Z	20s	7.00um			6.0Msz	SOC	80.08	333	iPc+	55	01.50	0.2							
	N	20s	35.00um					1.0s	120.00nm				5.8mb							
	E	20s	10.00um					Z	21s	14.00um			6.3Msz							
		eS	04	57.00				N	21s	7.40um										
		e	55	10.00				E	20s	1.00um				AVF	82.43	359	iPc	55	13.90	0.3
		eS	05	06.00											1.1s	135.30nm	6.0mb			
		eSP	06	02.00			PSZ	80.10	348	iPc	55	02.00	0.5	VDL	82.52	355	iPc	55	15.10	0.7
		eS	05	02.00										PTJ	82.57	350	iPc	55	14.60	0.1
		iS	05	06.00										LJU	82.57	351	eP	55	13.50	-0.9
HOF	78.55	353	iPc	54	52.80	-0.2														
	1.0s	49.00nm				5.5mb														
MEM	78.56	357	iPc	54	53.01	0.1	LANF	80.12	356	P	55	01.61	0.1	SMF	82.57	359	iPc	55	14.60	0.2
		i	55	14.33			MTA	80.23	329	iPc+	55	02.00	-0.1		1.1s	207.10nm	6.2mb			

30d 09h

MFF	82.62	1	iPc	55	15.10	0.5	PGD	84.97	353	P	55	28.20	1.4	SGO	87.91	350	P	55	40.70	-0.4
	1.0s	200.80nm				6.2mb		1.1s	392.30nm				6.6mb	CMS	88.18	210	eP	55	42.50	0.3
RMO	82.62	210	iPd	55	15.60	0.9	PLD	85.01	343	iPd	55	28.00	1.2	IGT	88.25	346	e(P)	55	42.08	-0.7
	1.6s	166.00nm				5.9mb	IVA	85.05	347	iPc	55	27.84	0.7	MGR	88.30	350	P	55	42.20	-0.8
VOY	82.64	352	ePc	55	14.20	-0.7	FIR	85.10	353	iPc	55	28.00	0.8	GBA	88.32	290	P	55	43.00	-0.4
ZAG	82.64	350	iPc	55	15.20	0.4				IS	06	09.00		ETOR	88.35	3	iP+	55	42.81	-0.5
BGF	82.67	359	iPc	55	15.20	0.3	IMI	85.18	356	P	55	27.30	-0.4	EROQ	88.40	1	iPd	55	43.22	-0.2
	1.1s	97.70nm				5.9mb	CRE	85.20	353	Pc	55	28.30	0.4	EBR	88.40	1	eP	55	43.00	-0.4
CTI	82.81	353	P	55	15.30	-0.5	HVAR	85.20	349	iPc	55	26.90	-0.9	AGG	88.43	344	e(P)	55	41.24	-2.4
VVI	82.82	353	P	55	15.71	0.0	BRY	85.21	348	iPc	55	27.77	-0.2	GUD	88.44	5	iP+	55	43.21	-0.6
CEY	82.88	351	ePc	55	15.80	-0.3	PII	85.21	354	P	55	27.10	-0.7	LRS	88.59	62	P	55	45.00	0.3
			e	55	37.00		NKY	85.23	347	iPc	55	28.03	-0.1	TDS	88.68	349	P	55	45.00	0.2
			e	56	24.50		HRT	85.23	339	iP	55	28.40	0.4	PORP	88.90	62	P	55	46.00	-0.2
TMA	82.94	355	iPc	55	16.70	0.2	ARV	85.24	352	Pc	55	28.70	0.7	EPLA	88.90	6	iP+	55	45.65	-0.3
TCF	82.95	360	iPc	55	16.60	0.2	SBF	85.25	356	iPc	55	28.30	0.2	CLLP	88.91	62	P	55	46.70	0.5
	0.9s	64.20nm				5.8mb		1.0s	240.00nm				6.4mb	TOL	89.20	5	iPc	55	48.50	1.2
TAB	82.97	326	iP+	55	18.00	1.2	PVY	85.31	347	iPc	55	28.92	0.4		1.3s	365.38nm				6.5mb
TRI	82.97	352	e(P)	55	16.10	-0.4	KDZ	85.32	342	eP	55	29.00	0.6			ePP	59	12.00		
			e(PP)	58	16.00		EYL	85.37	339	eP	55	29.30	0.5			iS	06	22.00		
			e(PPP)	00	24.00		RZN	85.41	343	iPc	55	29.00	-0.1	CPD	89.31	62	P	55	48.50	0.3
			e(SP)	06	10.00		BBTK	85.43	337	iP	55	30.00	0.8	ESEL	89.46	359	iPd	55	48.67	0.2
			e(SS)	11	00.00		EMON	85.46	7	iPd	55	29.41	0.3	GRI	89.50	349	P	55	48.43	-0.4
			e(SSS)	14	45.00		ARMA	85.47	206	iPd	55	30.30	1.1		0.8s	116.70nm				6.2mb
			eLR	23	40.00			0.8s	38.00nm				5.7mb	VLS	89.54	345	eP	55	48.20	-0.8
MAF	83.01	359	iPc	55	17.20	0.5	CDR	85.50	357	iPc	55	29.90	0.6	ECHE	89.61	2	iPd	55	49.50	0.2
	1.2s	139.25nm				6.0mb				i	55	51.30		CSS	89.89	335	eP	55	50.40	-0.2
VBY	83.03	351	iPc	55	17.00	0.2	TTG	85.57	347	iPc	55	29.91	0.3	STKA	89.95	213	ePc	55	50.80	0.2
DIX	83.03	356	iPc	55	18.00	0.9	FRF	85.58	356	iPc	55	30.00	0.3			e	56	25.30		
MMK	83.04	356	iPc	55	18.10	1.0	ASPA	85.58	223	iPc	55	29.40	-0.4	STK	89.95	213	P	55	51.59	1.0
EMS	83.06	356	ePc	55	17.90	0.7		1.1s	133.35nm				6.1mb	BWA	90.14	207	eP	55	51.90	0.4
TEH	83.15	321	eP	55	20.00	2.3	Z	21s	12.60um				6.3Msz			e	56	05.10		
AGO	83.17	359	P	55	18.29	0.8			eP	55	42.70	45kmx				e	56	09.20		
VAI	83.18	355	Pc	55	17.50	0.0			eS	05	51.80		MBL	90.15	235	eP	55	51.00	-0.8	
MDI	83.22	354	Pc	55	17.00	-0.7	HCY	85.66	348	iPc	55	29.93	-0.2	GMB	90.21	349	P	55	51.18	-1.1
PLDF	83.25	359	P	55	18.29	0.3	MM8	85.69	344	iPd	55	31.00	0.7	PPCY	90.22	335	eP	55	51.30	-0.8
RIY	83.28	351	iPc	55	17.60	-0.4	ASS	85.69	352	P	55	30.60	0.3	SOI	90.28	349	P	55	51.20	-1.1
SAL	83.33	354	P	55	18.10	-0.2	LRG	85.70	357	iPc	55	30.80	0.6	EVIA	90.51	3	iPd	55	53.93	0.4
AKKT	83.43	334	eP	55	19.90	0.8		1.0s	101.60nm				6.0mb	VLI	90.56	343	eP	55	50.90	-2.8
RSL	83.46	357	P	55	19.66	0.5	Z	19s	4.18um				5.9Msz	CNB	90.71	206	eP	55	56.40	2.3
ORO	83.46	356	P	55	19.50	0.4	KKS	85.75	346	iPc	55	31.50	0.9		1.5s	90.00nm				5.8mb
PYM	83.48	359	P	55	19.81	0.6	BDV	85.78	347	iPc	55	30.71	0.0	HRI	90.79	332	eP	55	54.60	-0.3
LPL	83.62	357	iPc	55	21.20	1.1	LMR	85.81	357	iPc	55	31.30	0.5	CAN	90.81	206	eP	55	57.80	3.2X
	1.1s	40.55nm				5.5mb		1.1s	131.85nm				6.0mb			e	56	12.10		
LPG	83.64	357	iPc	55	21.50	1.2	SDA	85.91	347	eP	55	31.30	0.0			e	56	28.00		
	1.3s	82.30nm				5.8mb	STS	85.91	8	iP+	55	32.08	0.7	EBAN	90.93	4	iPd	55	55.62	0.2
LSD	83.67	356	P	55	21.35	1.0	ALN	85.92	342	e(P)	55	30.68	-0.7	KOD	90.95	288	eP	55	56.60	0.5
PVL	83.82	343	iPc	55	22.00	1.2	ULC	86.03	347	iPc	55	32.11	0.1			eS	06	28.00		
SSB	83.93	358	P	55	21.83	0.4	BNT	86.06	340	eP	55	32.40	0.3	WARB	91.01	228	eP	55	55.50	-0.2
RJF	83.93	0	iPc	55	21.50	0.1	KCT	86.07	340	eP	55	32.40	0.2	EHOR	91.19	6	iP+	55	56.25	-0.3
	1.2s	190.40nm				6.2mb	PHM	86.13	346	iPc	55	30.60	-1.9	EVAL	91.32	7	iPd	55	57.01	-0.2
Z	19s	2.90um				5.7Msz	VAY	86.15	344	P	55	33.00	0.5	NPS	91.45	341	eP	55	55.20	-2.6
RSP	83.97	356	P	55	21.76	0.0	SRS	86.17	344	e(P)	55	32.00	-0.7	ECOG	91.82	4	iPd	55	59.21	-0.4
LBL	83.99	359	P	55	22.66	0.9	EPF	86.19	1	iPc	55	32.70	-0.1	CP8	91.87	59	eP	56	12.23	12.3X
TRHT	84.06	334	eP	55	23.20	0.9		1.1s	62.50nm				5.7mb	EPRU	92.04	6	iP+	56	00.51	0.0
BN1	84.09	357	Pc	55	23.70	1.3	LESF	86.20	0	P	55	33.03	0.2	EGUA	92.26	4	iPd	56	01.35	-0.2
OLP	84.19	213	eP	55	23.10	0.4	LSPF	86.29	360	P	55	33.57	0.4	MAL	92.33	5	iPd	56	02.00	0.2
	0.3s	15.00nm				5.7mb	LACI	86.29	347	iPd	55	33.50	0.3			iS	07	00.00		
RRL	84.22	356	P	55	24.43	1.3	MTHF	86.29	359	P	55	33.75	0.5	BPA	92.34	59	eP	56	13.26	11.1X
BOB	84.24	355	Pc	55	23.90	0.9	AQU	86.33	351	P	55	34.10	0.6	MGH	92.41	60	eP	56	14.01	11.5X
BHB	84.28	356	P	55	22.48	-0.7	MNS	86.37	352	Pc	55	33.20	-0.5	DSI	92.49	332	eP	56	02.20	-0.4
JMB	84.30	342	eP	55	24.00	0.7	GRBF	86.39	0	P	55	33.82	0.0	EJIF	92.54	6	iPd	56	03.61	0.8
CAF	84.31	360	iPc	55	23.90	0.6	MAO	86.46	353	P	55	33.60	-0.5	PAG	93.27	60	eP	56	06.00	-0.5
	1.3s	231.05nm				6.2mb	PGF	86.48	355	iPc	55	34.50	0.2	TOV	93.71	70	eP	56	10.20	1.7
DVR	84.37	338	eP	55	23.00	-0.8		1.0s	273.60nm				6.4mb	SDV	93.92	71	eP	56	09.90	0.2
SVST	84.39	334	eP	55	25.00	1.1	SOH	86.50	344	e(P)c	55	33.92	-0.4	MBH	94.32	332	eP	56	10.60	-0.6
PCP	84.51	355	P	55	24.12	-0.3	ERUA	86.51	7	iP+	55	34.52	0.2	AVE	95.53	8	iP	56	15.00	-1.6
LPO	84.55	0	iPc	55	24.90	0.4	GRG	86.53	345	e(P)c	55	34.52	0.0	TIO	97.89	8	iP	56	14.00	-13.5X
	1.0s	238.40nm				6.4mb	ECRI	86.55	3	iP+	55	34.73	0.2			i	56	25.00		
DOI	84.61	356	P	55	24.20	-0.7	OMR	86.64	346	iP	55	34.70	-0.3	ZOBO	115.08	85	ePKP	01	49.00	14.9X
PZZ	84.62	356	P	55	24.64	-0.4	AZI	86.69	351	P	55	35.50	0.3		Z	21s	1.51um			5.6Msz
CKI	84.64	355	P	55	24.80	-0.2	OUR	86.86	343	e(P)	55	35.36	-0.6			Lq	08	16.00		
HYB	84.66	291	eP	55	25.30	-0.2	FNA	86.87	345	e(P)	55	35.60	-0.6	LPB	115.28	85	ePKP	01	39.00	4.8X
	1.0s	100.00nm				6.0mb	DUI	86.92	351	P	55	36.80	0.4		Z	20s	2.13um			5.7Msz
			e	55	48.50		ETER	86.93	359	eP	55	36.88	0.6			LR	12	20.00		
PLE	84.67	347	iPc	55	26.14	0.9	RMP	86.94	352	P	55	36.20	-0.2	CNCB	115.56	85	ePKP	01	35.00	0.1
PGB	84.68	344	iPd	55	26.00	0.7	RDP	86.99	352	P	55									

BAO	126.84	67	e(PKP)	04	56.00	0.0		MBC	Z	19s	4.26um	5.2Msz	GOL	50.40	73. eP	08	00.35	0.2		
			e	02	04.00					33.71	22 eP	05	43.50	-0.0		1.3s	91.91nm	5.6mb		
			e	02	33.00					1.0s	20.00nm				DAG	51.71	6 iPd	08	07.50	-1.8
			e	03	56.00			CHJJ		33.94	260 P	05	45.80	-0.1		1.1s	25.32nm	5.1mb		
			e	04	05.00			MTMJ		34.34	262 P	05	49.30	-0.2	TUC	51.84	84 eP	08	10.03	-0.9
BDF	126.91	67	e(PKP)	01	57.00	0.8		MDJ		34.98	280 eP	05	53.60	-1.2		0.9s	7.72nm	4.7mb X		
			e	02	05.00					1.0s	44.00nm				WHN	53.05	274 Pc	08	19.20	-0.6
PDCR	129.20	56	ePKP	02	08.60	8.2X		MCW		35.04	72 iPc	05	56.16	0.8		1.2s	190.00nm	5.9mb		
RSTA	133.15	75	(PKP)	01	55.00	-12.6X		YKA		35.14	46 eP	05	54.70	-1.2			pP	08	30.00	37kmX
SPA	140.96	180	ePKP	02	15.00	-6.0X				1.0s	18.70nm				XAN	54.07	281 Pc	08	26.10	-1.3
								GMW		35.57	74 ePc	06	00.95	1.2		1.0s	50.00nm	5.5mb		
BUL	142.58	316	ePKP	02	20.40	-4.9X		BMW		35.80	75 eP	06	02.69	0.9			pP	08	36.20	33kmX
AIA	144.29	139	ePKP	02	24.00	-2.6X		TSRJ		36.14	263 P	06	04.70	0.0			sP	08	42.90	
MAW	146.54	217	iPKPc	02	31.00	0.7		RMW		36.20	73 ePc	06	05.97	0.8	LZH	55.81	287 iPc	08	40.00	-0.2
								LON		36.53	74 eP	06	08.37	0.4		1.5s	220.00nm	6.0mb		
								SHW		36.54	75 eP	06	09.98	1.9	Z	20s	4.00um	5.5Msz		
								VGB		37.76	75 ePc	06	18.91	0.7	E	15s	1.53um			
CRZF	147.22	258	ePKP	03	03.00			CN2		37.96	282 Pc	06	19.00	-0.9			pP	08	50.00	33kmX
			ePPP	06	10.00	7.9X				1.0s	31.00nm						sP	08	55.00	
			eSKKS	09	31.00			DPW		38.17	71 iPc	06	21.91	0.2			PP	10	48.00	
			eSPP	16	31.00			BOD		38.33	307 eP	06	22.80	0.0			eS	16	28.00	
			eSSS	29	29.00					0.7s	32.00nm				GTA	56.01	292 iPc	08	40.60	-0.9
SLR	147.57	311	iPKPc	02	35.20	1.7X		LBFM		39.28	82 eP	06	32.24	1.0		1.5s	310.00nm	6.1mb		
								SHNJ		40.11	265 P	06	38.40	0.5			pP	08	54.00	48kmX
WIN	149.09	332	iPKPd	02	42.50	6.4X		SNY		40.19	280 iPc	06	38.70	0.3	JFWS	57.10	61 eP	08	47.77	-1.4
										1.2s	160.00nm					1.1s	111.19nm	5.8mb		
SEK	150.06	310	iPKPc	02	43.00	5.7X		ORV		40.55	84 eP	06	41.41	0.0	CVP	57.63	258 ePc	08	55.00	1.9
								CIT		40.98	299 eP	06	45.50	0.7	KEV	58.04	350 eP	08	53.00	-2.3
BLF	151.																			

	1.0 s	121.60 nm			5.9 mb
VOY	82.67	352 eP	11	24.10	-1.0
ZAG	82.67	350 iPc	11	25.40	0.4
BGF	82.70	359 iPc	11	25.40	0.3
	1.1 s	77.90 nm			5.7 mb
TMA	82.96	355 ePc	11	26.80	0.1
TCF	82.97	360 iPc	11	26.80	0.2
	1.0 s	45.20 nm			5.5 mb
MAF	83.04	359 iPc	11	27.50	0.6
	1.2 s	88.65 nm			5.7 mb
VBV	83.06	351 iPc	11	27.00	0.0
		eP	11	37.50	33 kmX
		e	11	41.60	
DIX	83.06	356 iPc	11	28.30	0.9
MMK	83.06	356 ePc	11	28.30	1.0
KVT	83.43	335 iP	11	19.70	-9.3X
AKKT	83.45	334 eP	11	29.00	-0.3
LPL	83.65	357 iPc	11	31.40	1.1
	1.3 s	43.30 nm			5.4 mb
LPG	83.67	356 iPc	11	31.80	1.3
	1.1 s	43.00 nm			5.5 mb
LSD	83.69	356 P	11	31.41	0.8
RJF	83.96	0 iPc	11	31.90	0.3
	1.2 s	130.30 nm			6.0 mb
RSP	83.99	356 P	11	32.13	0.2
TRHT	84.08	334 eP	11	33.30	0.9
RRL	84.25	356 P	11	34.49	1.1
BHB	84.30	356 P	11	33.46	0.1
LFF	84.32	1 iPc	11	34.00	0.6
	1.2 s	259.45 nm			6.3 mb
CAF	84.34	360 iPc	11	34.30	0.8
	1.3 s	166.80 nm			6.1 mb
DVR	84.39	338 eP	11	33.00	-0.9
SVST	84.41	334 eP	11	35.00	0.9
PCP	84.54	355 P	11	33.98	-0.6
LPO	84.58	0 iPc	11	35.20	0.5
	1.1 s	185.60 nm			6.2 mb
PZZ	84.65	356 P	11	34.69	-0.5
HYB	84.65	291 eP	11	35.00	-0.5
PLE	84.69	347 iPc	11	36.62	1.1
MME	84.75	354 P	11	36.70	0.8
ROB	84.82	356 P	11	35.41	-0.6
RSM	84.88	352 Pc	11	37.30	1.1
FIN	84.89	355 P	11	35.62	-0.7
STV	84.90	356 P	11	35.10	-1.3
ENR	84.91	356 P	11	35.41	-1.1
SGKT	84.93	337 eP	11	37.00	0.2
SFI	84.94	353 Pc	11	37.70	1.2
PGD	85.00	353 Pc	11	38.30	1.3
IVA	85.07	347 iPc	11	37.99	0.7
FIR	85.13	353 iPc	11	38.00	0.6
IMI	85.20	356 P	11	37.26	-0.7
CRE	85.22	353 P	11	38.50	0.4
BRY	85.23	348 iPc	11	38.05	-0.2
PII	85.24	354 P	11	37.10	-0.9
HRT	85.25	339 iP	11	39.40	1.2
NKY	85.26	347 iPc	11	38.34	0.0
ARV	85.27	352 P	11	38.80	0.6
SBF	85.27	356 iPc	11	38.50	0.2
PVY	85.33	347 iPc	11	39.05	0.4
ARMA	85.43	206 eP	11	40.00	0.9
EMON	85.49	7 eP	11	39.50	0.1
CDR	85.52	357 iPc	11	40.00	0.5
ASPA	85.55	223 iPc	11	39.40	-0.3
		epP	11	52.00	42 kmX
TTG	85.60	347 iPc	11	39.85	0.0
FRF	85.61	356 iPc	11	40.20	0.3
	1.1 s	94.25 nm			5.9 mb
HCY	85.68	348 iPc	11	40.03	-0.3
ASS	85.72	352 P	11	40.60	0.1
SKO	85.72	345 iP	11	40.90	0.4
	1.2 s	197.00 nm			6.2 mb
LRG	85.72	357 iPc	11	41.10	0.7
	1.1 s	81.55 nm			5.9 mb
BDV	85.80	347 iPc	11	40.27	-0.6
LMR					

ERUA	86.54	7	eP	11	44.00	-0.6	GSC	46.07	85	eP	13	46.75	-1.5		1.1s	17.85nm	5.0mb			
ECRI	86.58	3	eP	11	45.00	0.2			pP	13	58.57	42kmX		SMF	82.54	359	iPc	17	46.40	0.1
CHR	86.66	346	eP	11	44.70	-0.5	DAU	46.35	76	ePc	13	50.93	0.2		1.1s	32.00nm	5.3mb			
AZI	86.72	351	P	11	45.80	0.5	ARUT	46.60	80	(P)	13	52.91	0.3	MFF	82.59	1	iPc	17	46.80	0.3
DUI	86.94	351	P	11	46.50	-0.1	MSU	46.94	79	eP	13	55.06	-0.2		0.8s	22.05nm	5.3mb			
EGRA	87.05	2	eP	11	47.00	0.1	EMUT	46.98	76	(P)	13	56.04	0.4	MAF	82.98	359	iPc	17	49.00	0.4
SGO	87.94	350	P	11	50.90	-0.4	PLM	47.30	87	(P)	13	57.60	-0.5		0.9s	17.05nm	5.1mb			
GBA	88.31	290	P	11	52.00	-1.4	SRU	47.58	77	ePc	14	01.16	0.8	VBY	83.00	351	ePc	17	48.80	0.1
MGR	88.33	349	Pc	11	52.30	-0.9	TIA	47.59	278	P	13	59.70	-0.5	RJF	83.90	0	iPc	17	53.70	0.4
ETOR	88.38	3	iPd	11	53.00	-0.5		1.0s	11.00nm			4.8mb			0.9s	15.40nm	5.2mb			
GUD	88.47	5	iPd	11	54.00	0.0	RSSD	48.46	68	ePc	14	06.33	-0.8	BNI	84.06	357	P	17	55.40	1.1
TDS	88.71	349	P	11	55.20	0.2		0.6s	6.95nm			4.9mb	BOB	84.21	355	Pc	17	55.70	0.7	
EPLA	88.93	6	iPd	11	56.10	0.0	GLA	48.77	86	(P)	14	08.92	-0.5	LFF	84.26	1	iPc	17	55.60	0.5
TOL	89.23	4	iPd	11	57.80	0.3			pP	14	20.56	41kmX	1.1s	42.00nm		5.5mb				
	1.3s	326.92nm			6.5mb		PV10	48.95	77	eP	14	11.39	0.4	CAF	84.28	360	iPc	17	55.80	0.6
ECHE	89.64	2	eP	12	00.30	0.8	TIY	49.54	283	Pc	14	16.30	1.0	0.9s	13.25nm		5.1mb			
CSS	89.90	335	eP	12	00.50	-0.3		1.0s	34.00nm			5.3mb	LPO	84.52	0	iPc	17	56.80	0.4	
STKA	89.91	213	iPd	12	01.30	0.8	TUC	51.80	84	eP	14	32.20	-0.4	0.9s	31.45nm		5.5mb			
		eP	12	14.20	43kmX			1.0s	10.65nm			4.8mb	HYB	84.66	291	eP	17	58.00	0.5	
STK	89.92	213	P	12	01.60	1.1			pP	14	43.40	39kmX	SFI	84.88	353	Pc	17	59.40	1.2	
EBAN	90.96	4	eP	12	05.30	-0.3	XAN	54.09	281	eP	14	48.00	-1.5	PGD	84.94	353	P	18	00.00	1.3
EHOR	91.22	6	iPd	12	06.80	0.1	LZH	55.83	287	Pc	15	02.40	0.1	FRF	85.55	356	iPc	18	01.80	0.2
EVAL	91.35	7	eP	12	07.00	-0.4		1.5s	38.00nm			5.2mb		1.0s	21.80nm		5.3mb			
EPRU	92.07	6	eP	12	11.00	0.3			pP	15	07.00	15kmX	ASPA	85.61	223	P	18	02.59	0.5	
EGUA	92.29	4	iPd	12	11.30	-0.4	GTA	56.01	292	iPc	15	03.00	-0.6	ASS	85.66	352	P	18	02.80	0.6
SIV	119.28	79	PKP	17	50.60	-0.7		1.0s	59.00nm			5.6mb	LRG	85.67	357	iPc	18	02.60	0.5	
		i	19	15.00					pP	15	11.50	28kmX		1.0s	22.80nm		5.3mb			
TIC	122.17	8	PKP	17	56.40	-0.4	VVO	58.98	71	eP	15	23.10	-1.3	SKO	85.67	345	iP	18	03.20	1.0
KIC	122.48	8	PKP	17	57.00	-0.4			e	15	38.50		LMR	85.78	357	iPc	18	03.00	0.3	
LIC	122.59	8	PKP	17	57.20	-0.4	FVM	60.27	65	ePc	15	31.13	-2.1		1.0s	23.40nm		5.4mb		
BCAO	122.83	340	iPKPd	17	57.80	-0.3		0.5s	16.55nm			5.4mb	EPF	86.16	1	iPc	18	05.10	0.4	
	1.2s	14.00nm					EEO	60.35	52	eP	15	35.00	1.3	0.7s	5.30nm		4.9mb			
		id	31	31.00			UYO	60.55	71	iPd	15	34.00	-1.2	MNS	86.34	352	P	18	05.30	-0.3
MDZ	126.53	99	e(Pd	14	58.20	13.4X	KAF	65.39	348	eP	16	05.10	-1.6	PGF	86.45	355	iPc	18	06.30	0.1
AIA	144.28	139	ePKP	18	39.80	3.2X		0.7s	10.00nm			5.0mb		0.7s	23.25nm		5.5mb			
MAW	146.50	217	iPKPc	18	41.40	1.2	NUR	67.16	348	eP	16	16.80	-1.2	GBA	88.32	290	P	18	17.00	1.6
	1.0s	48.00nm						0.5s	7.80nm			5.1mb	STKA	89.98	213	eP	18	23.10	0.3	
SLR	147.57	311	iPKPc	18	45.00	1.5X	LMN	67.58	44	eP	16	22.50	1.6	STK	89.98	213	P	18	24.10	1.3
	1.2s	140.63nm				NB2	67.88	355	P	16	21.00	-1.6	SLR	147.55	312	ePKP	25	04.30	-1.1	
SEK	150.06	310	iPKPc	18	53.00	5.7X		0.8s	7.90nm			4.9mb		0.8s	17.16nm					
	1.0s	90.00nm				LSA	67.89	290	P	16	25.30	1.7	WIN	149.07	332	ePKP	25	13.60	5.6X	
BLF	151.41	311	iPKPc	18	55.60	6.3X	UPP	68.58	352	iP	16	25.70	-1.2	SEK	150.04	310	ePKP	25	15.50	6.2X
	1.0s	60.00nm				HFS	68.63	354	eP	16	25.30	-1.9		0.7s	20.55nm					
KIM	151.76	314	iPKPc	18	59.00	9.2X		0.5s	3.30nm			4.7mb	BLF	151.39	311	ePKP	25	18.10	6.8X	
	0.9s	42.02nm				KSH	68.98	307	eP	16	29.70	-0.2		S.D. = 0.9	on 97 of 100 obs.					
		i	19	08.50		OBN	70.20	340	eP	16	36.00	-0.9								
	S.D. = 0.9	on 319 of 330 obs.					1.1s	39.00nm				5.4mb								
							e		17	15.00										
	SEP 30, 1992	10h 05m	25.89± 0.25s			GUN	72.30	292	P	16	50.90	0.5		? SEP 30, 1992	10h 36m	23.55± 3.15s				
	51.180 N ± 6.2km	178.160 W ± 3.4km			KKN	72.74	293	P	16	53.40	0.6			51.051 N ± 20.0km	177.800 W ± 41.4km					
	DEPTH = 33.0km (normal)				PKI	72.83	293	P	16	53.90	0.4			DEPTH = 33.0km (normal)						
	5.1mb (49 obs.)				GKN	72.95	293	P	16	54.40	0.4			4.0mb (6 obs.)						
	ANDREANOF ISLANDS, ALEUTIAN IS. (7)				DMN	72.98	293	P	16	55.00	0.7			ANDREANOF ISLANDS, ALEUTIAN IS. (7)						
	Felt on Adak.				BRG	77.81	352	iP	17	20.40	-0.6									
						1.1s	12.00nm				4.8mb		ADK	1.09	39	ePd	36	43.55	1.1	
ADK	1.16	52	iPd	05	46.83	1.0	MOX	78.21	354	eP	17	23.20	0.0	SVW	15.87	42	eP	40	10.89	5.0X
BGL	17.40	45	ePc	09	30.16	2.6		1.3s	15.00nm			4.9mb		0.8s	5.52nm		3.8mb			
SLKM	18.12	48	eP	09	35.84	-0.5	ENN	78.37	357	eP	17	24.00	0.0	KDC	16.12	56	eP	40	08.31	-0.7
ILMA	19.41	31	eP	09	51.08	-0.9		0.8s	24.00nm			5.3mb		0.4s	6.46nm		4.1mb			
	0.9s	19.00nm				GEC2	79.84	352	ePc	17	31.80	-0.4	SLKM	18.04	48	eP	40	32.50	-0.5	
KLU	20.41	47	ePc	10	02.44	-0.1		0.8s	3.51nm			4.4mb	IMA	19.41	30	eP	40	49.40	-0.2	
BRW	22.41	18	eP	10	22.61	0.2			e	17	47.40			0.8s	2.41nm		3.5mb			
MBC	33.64	22	eP	12	05.00	0.1	FLN	80.42	2	iPc	17	34.80	-0.3	FBA	20.82	37	eP	41	03.99	-0.3
	0.7s	3.00nm					1.0s	35.00nm			5.3mb			0.8s	4.06nm		3.9mb			
MDJ	35.00	280	eP	12	15.80	-1.2	LDF	80.59	1	iPc	17	35.70	-0.4	NEW	38.41	70	eP	43	44.00	0.7
YKA	35.08	46	eP	12	14.80	-2.6		1.0s	60.60nm			5.6mb	BW06	45.80	73	ePc	44	43.20	-0.8	
	1.0s	5.90nm				CDF	80.68	356	iPc	17	36.40	-0.3		0.7s	1.66nm		4.1mb			
LON	36.48	74	eP	12	30.35	0.8		0.8s	8.20nm			4.8mb	SRU	47.39	77	(P)	44	57.19	0.7	
CN2	37.98	282	eP	12	41.00	-1.0	GRR	80.79	2	iPc	17	37.00	-0.1		S.D. = 0.8	on 8 of 9 obs.				
	1.0s	6.10nm					0.8s	31.70nm			5.4mb									
		eP	12	51.00	34kmX	HAU	81.12	357	iPc	17	38.90	0.0		SEP 30, 1992	11h 18m	06.60± 0.16s				
ORV	40.51	84	(P)	13	03.47	0.4		0.8s	11.55nm			4.9mb		11.363 S ± 2.9km	134.531 E ± 3.7km					
		pP	13	14.60	40kmX	LPF	81.14	2	iPc	17	39.10	0.2		DEPTH = 37.5km (11 depth phases)						
SES	41.09	64	eP	13	08.00	0.2		1.0s	23.80nm			5.1mb		5.4mb (38 obs.)	4.9MsZ (4 obs.)					
ARN	41.81	87	(P)	13	13.62	-0.3	BSF	81.28	357	iPc	17	39.60	-0.2		NORTHERN TERRITORY, AUSTRALIA (591)					
BONR	43.47	84	eP	13	28.85	1.1		0.8s	9.40nm			4.8mb		Felt along the coast of Arnhem						
		pP	13	39.90	39kmX	LOR	81.92	359	iPc	17	43.10	0.0		Lond and from Katherine to						
PTI	44.23	74	(P)	13	34.54	0.8		1.0s	20.40nm			5.1mb		Dorwin.						
TPNV	45.37	83	ePc	13	42.81	-0.1	SSF	82.13	359	iPc	17	44.30	0.2	MTN	3.64	246	iPd	19	03.50	1.6
	0.8s	25.40nm					0.8s	11.95nm			5.0mb	WB2	8.53	181	iPc	20	08.30	-2.5		
		pP	13	54.43	41kmX	WB2	82.14	224	iPc	17	43.70	-0.8	WRA	8.53	181	P	20	03.00	-7.8X	
DUG	45.52	77	eP	13	43.58	-0.4		1.2s	4.80nm			4.4mb	AAI	9.88	320	eP	20	28.00	-1.3	
	1.0s	8.23nm				WRA	82.15	224	P	17	43.79	-0.7	OIS	10.36	153	iPc	20	33.70	-2.2	
BJI	45.81	283	ePd	13	46.00	0.0		0.7s	2.20nm			4.3mb	MNDI	10.40	61	eP	20	36.00	-0.6	

30d 11h

ASPA	12.25	183	P	20	59.09	-2.5	1.0s	45.00nm	5.3mb	NRL	86.78	345	iPc	30	48.00	0.2						
PMG	12.57	82	iPc	21	04.70	-1.1		sP	26 37.50			1.2s	59.00nm			5.7mb						
LAT	13.17	70	eP	21	14.30	0.6	WHN	45.96	336	Pc	26 30.50	2.6X	MBC	104.78	14	ePdiff	32	10.00	0.0			
CTA	14.23	129	P	21	29.00	1.3		1.0s	110.00nm	5.7mb	SRU	116.41	52	ePKP	36	49.23	0.6					
MKS	16.10	291	iPd	21	51.50	-0.4			sP	26 41.00		GEC2	118.62	320	ePKPc	36	52.10	-0.3				
WARB	16.52	206	eP	21	53.20	-4.0X	CHG	46.16	310	iPc	26 30.00	0.3		0.7s	1.40nm							
MBL	17.13	234	eP	22	01.00	-4.0X								e	36 59.50							
	0.2s	31.00nm			5.1mb		GYA	46.34	325	iPc	26 31.20	0.1			e	37 03.90						
		e	22 08.00					1.0s	29.00nm	5.2mb			RSSD	120.27	45	ePKP	36 55.23	-0.6				
QLP	17.69	150	iPd	22 10.10	-1.7		KMI	47.71	320	Pc	26 43.00	0.9			e	37 08.31						
		i	22 14.50					1.5s	50.00nm	5.3mb			BSF	123.30	320	ePKP	37 01.30	-0.1				
		i	22 24.00						sP	26 54.50			HAU	123.51	321	ePKP	37 01.90	0.2				
		eS	25 43.00				MAT	47.77	4	eP	26 40.00	-2.2			0.9s	9.00nm						
RMO	20.15	140	eP	22 41.80	1.2			0.8s	8.21nm	4.8mb			LPL	124.18	318	ePKP	37 03.70	0.3				
	0.6s	24.00nm			4.7mb		TIA	50.09	342	eP	26 59.00	-1.0			0.7s	2.45nm						
NANU	21.29	236	eP	22 53.00	0.7		XAN	51.30	333	Pc	27 08.60	-0.7		LOR	125.35	321	ePKP	37 05.60	0.3			
		e	23 07.00		61kmX			1.0s	46.00nm	5.4mb					0.8s	3.75nm						
		eS	26 37.00				CD2	51.38	326	iPc	27 09.50	-0.5		SSF	125.66	321	ePKP	37 06.40	0.5			
MEEK	21.35	222	eP	22 52.00	-0.9			1.2s	45.00nm	5.3mb			AVF	125.86	320	ePKP	37 06.40	0.1				
		eS	26 33.00				TIY	53.03	338	Pd	27 21.90	-0.4			0.9s	6.90nm						
STKA	21.43	163	iPc	22 53.30	-0.3			1.2s	50.00nm	5.4mb			FVM	131.94	49	ePKP	37 18.41	0.3				
		i	23 05.70		52kmX		Z	20s	0.75um	4.7Msz					e	37 30.90						
		eS	26 42.90				SNY	53.88	350	Pc	27 27.60	-0.7		KIC	139.48	267	(PKP)	37 18.80	-14.2X			
STK	21.44	163	P	22 53.90	0.2			1.2s	34.00nm	5.2mb			RSTA	144.04	174	(PKP)	37 42.00	1.3				
CMS	22.59	154	eP	23 05.80	0.7		BJI	53.90	343	ePc	27 28.00	-0.5		CNCB	144.24	141	PKPc	37 41.00	-0.9			
		eS	27 29.00					1.2s	33.00nm	5.2mb			LPB	144.38	141	PKP	37 42.00	0.0				
TSM	22.73	312	ePc	23 07.30	0.7		LZH	55.37	330	iPc	27 40.00	0.5		ZOBO	144.54	140	PKPc	37 41.00	-1.5			
COOL	23.05	211	eP	23 09.40	-0.3			1.5s	81.00nm	5.5mb				1.0s	20.00nm							
		eS	27 17.00				CN2	55.52	352	eP	27 39.40	-0.9		CCH	144.89	144	ePKP	37 43.00	0.3			
BRS	23.41	136	iPc	23 14.60	1.4			1.0s	15.00nm	5.0mb			VAO	145.82	178	(PKP)	37 45.00	1.1				
	0.8s	20.00nm			4.7mb				eP	27 50.00	35km		BMA	146.13	182	ePKP	37 59.40	15.1X				
	Z	18s	10.00um		5.3Msz				ePcP	28 39.00			SIV	148.74	150	PKP	37 50.60	2.0				
		i	23 15.70		4kmX		MDJ	55.89	356	eP	27 42.50	-0.4			S.D. = 0.9	on 99 of 110 obs.						
		i	23 24.00					1.0s	18.00nm	5.1mb			%	SEP 30, 1992	12h	15m	05.11±	1.17s				
		i	23 26.00					56.12	339	P	27 45.20	0.4			42.105 N ± 7.8km		19.544 E ± 7.2km					
		i	23 31.60				HMC		1.0s	30.00nm	5.3mb				DEPTH = 10.0km (geophysicist)							
		i	24 19.00				BTO	56.46	338	eP	27 46.60	-0.7			NORTHWESTERN BALKAN REGION		(383)					
		eS	28 27.00				CSY	57.23	191	eP	27 52.20	-0.1			ML 2.0 (TTG).							
		e(S)	28 51.00					0.6s	26.30nm	5.5mb			ULC	0.26	237	iPgd	15 10.90	0.2				
		e	29 32.00				LSA	58.42	315	P	28 02.00	0.3				iSg	15 15.00					
MAP	23.96	334	ePc	23 19.00	0.4		GTA	59.95	329	iPc	28 12.00	0.3		TTG	0.39	327	iPgc	15 12.96	-0.1			
PLP	24.31	337	ePc	23 21.20	-0.8			1.0s	64.00nm	5.7mb						iSg	15 19.14					
ARMA	24.73	143	eP	23 29.10	3.0X		KOD	60.64	289	eP	28 16.00	-1.0		BDV	0.56	289	iPgc	15 16.06	-0.5			
		eS	29 09.10				GUN	61.17	311	Pc	28 20.96	0.4				iSg	15 24.66					
MRWA	24.79	222	iPc	23 27.40	0.8			1.0s	281.00nm	6.3mb			PVY	0.58	33	iPgd	15 16.66	-0.4				
		eS	28 56.00				PKI	61.34	310	Pc	28 21.66	0.0				iSg	15 25.81					
SVO	24.97	87	P	23 30.00	1.6			1.1s	111.00nm	5.9mb			IVA	0.81	19	iPgd	15 20.86	0.0				
KKM	25.12	313	eP	23 33.30	3.4X		KKN	61.55	310	Pc	28 23.30	0.3				iSg	15 33.16					
BAL	25.30	218	eP	23 31.50	0.1			1.0s	327.00nm	6.4mb X			NKY	0.81	330	iPgc	15 20.96	0.0				
		eS	28 10.00				DMN	61.59	310	Pc	28 23.64	0.4				iSg	15 33.08					
KLB	25.40	215	eP	23 32.00	-0.3			1.0s	258.00nm	6.3mb			HCY	0.85	294	iPgc	15 21.38	-0.1				
		eS	28 20.00				GBA	61.82	292	P	28 24.00	-0.6				iSg	15 34.04					
BWA	26.22	153	eP	23 41.30	1.4		GKN	62.15	310	Pc	28 27.28	0.4		BRY	1.09	317	iPgc	15 25.75	0.1			
		iP	23 52.40		42km			1.0s	321.00nm	6.4mb X					iSg	15 41.85						
PPR	26.23	323	ePc	23 40.00	-0.1		HYB	62.25	297	ePc	28 26.70	-0.9		PLE	1.23	355	iPgc	15 28.66	0.6			
MUN	26.58	217	eP	23 43.00	-0.2			1.0s	70.00nm	5.7mb						iSg	15 47.09					
	Z	20s	4.70um		5.0Msz		CIT	65.64	346	eP	28 50.00	0.9			S.D. = 0.4	on 9 of 9 obs.						
	N	20s	1.80um				POO	66.81	296	iPd	28 57.60	0.4			SEP 30, 1992	12h	41m	33.38±	0.45s			
	E	20s	1.80um				ZAK	67.27	339	eP	29 00.50	1.1			51.135 N ± 9.6km		178.051 W ± 4.8km					
		eS	28 36.00					1.4s	60.00nm	5.5mb					DEPTH = 33.0km (normol)							
BFD	26.69	166	iPd	23 44.90	0.7		MOY	69.17	338	ePc	29 12.10	0.9			4.7mb (30 obs.)							
	0.9s	35.00nm			5.0mb			1.3s	100.00nm	5.7mb					ANDREANOF ISLANDS, ALEUTIAN IS. (7)							
		e	23 53.90		32km				1.0s	77.00nm	5.7mb			ADK	1.14	48	eP	41 53.45	0.5			
		i	24 08.40					Z	20s	0.54um	4.8Msz			SVW	15.92	43	(P)	45 17.37	1.1			
		i	24 26.60				BOD	70.96	349	iPc	29 22.20	0.2			0.8s	27.26nm			4.4mb			
		i	24 39.60						1.2s	33.00nm	5.2mb			KDC	16.21	56	eP	45 18.88	-1.0			
		iS	28 43.00				UER	71.77	335	iPc	29 26.00	-1.0			0.5s	11.38nm			4.3mb			
CAN	27.23	153	eP	23 49.70	0.5				1.0s	30.00nm	5.2mb			TTA	16.72	37	e(P)	45 26.20	-0.3			
		iP	24 00.40		40km		MGD	72.41	8	eP	29 30.50	-0.1			8GL	17.39	44	eP	45 36.31	1.5		
TOO	27.89	161	eP	23 54.10	-1.0				1.0s	40.00nm	5.4mb			CRP	17.49	45	eP	45 37.64	1.4			
		eS	29 28.00				MAW	72.60	202	iPc	29 32.80	1.1		SPU	17.50	45	eP	45 35.50	-0.7			
RKG	28.08	212	eP	24 15.00	18.1X				1.0s	28.00nm	5.2mb			SLKM	18.10	48	eP	45 42.78	-0.8			
		e	24 30.00		62kmX		YAK	73.24	358	iPc	29 34.20	-1.2		PMS	18.65	46	eP	45 50.80	0.5			
CVP	31.49	336	eP	24 28.00	0.7				1.0s	136.00nm	5.9mb				0.7s	19.00nm			4.4mb			
DZM	32.30	113	iPd	24 45.00	10.5X		KSH	74.20	317	P	29 43.70	2.0				30 eP	45 58.63	-0.9				
IPM	36.91	294	ePc	25 12.60	-1.4				1.0s	120.00nm	5.8mb			IMA	20.39	47	eP	46 09.99	0.2			
QIZ	38.79	321	eP	25 29.40	-0.3		SPA	78.71	180	iPc	30 08.00	1.4			20.46	45	eP	46 12.70	2.2			
NNT	41.94	304	eP	25 55.80	0.1				1.0s	25.00nm	5.2mb			FBA	20.85	37	ePc	46 13.22	-1.2			
LOE	43.21	311	eP	26 06.00	-0.1					i	30 18.90	35km				0.7s	8.45nm			4.2mb		
SSE	44.12	343	P	26 13.20	0.0		MAIO	84.88	308	iPd	30 40.00	0										

BRW	22.43	18 eP	46 30.80	0.7
MBC	33.66	22 eP	48 12.50	-0.1
NEW	38.53	70 eP	48 53.59	-0.6
	0.8s	12.08nm	4.8mb	
DUG	45.46	77 eP	49 52.24	1.2
	0.5s	1.47nm	4.2mb	
BW06	45.93	72 eP	49 54.50	-0.3
	0.7s	3.70nm	4.4mb	
SRU	47.53	77 eP	50 07.81	0.4
TIA	47.66	278 eP	50 08.40	0.1
MHC	48.21	287 eP	50 14.40	1.8
RSSD	48.42	68 (P)	50 14.60	0.3
	0.6s	3.14nm	4.5mb	
BTO	49.29	287 eP	50 21.60	0.7
TIY	49.62	283 eP	50 24.50	1.1
GOL	50.30	73 eP	50 29.12	0.3
	0.7s	4.45nm	4.6mb	
XAN	54.17	282 eP	50 57.00	-0.6
LZH	55.90	287 Pc	51 10.00	-0.3
	1.5s	24.00nm	5.0mb	
GTA	56.09	292 Pc	51 11.00	-0.6
	1.0s	25.00nm	5.2mb	
		pP	51 20.00	29kmX
		sP	51 24.00	
WMO	59.87	303 P	51 38.00	0.0
MIAR	60.76	70 (P)	51 42.66	-1.4
KAF	65.45	348 iP	52 13.40	-1.2
	0.5s	3.20nm	4.7mb	
NB2	67.93	355 P	52 28.90	-1.5
	0.9s	2.60nm	4.3mb	
LSA	67.97	290 P	52 31.90	0.3
	0.5s	5.00nm	4.9mb	
JSC	68.06	62 eP	52 31.00	-0.6
OBN	70.27	340 eP	52 44.00	-0.8
	1.0s	25.00nm	5.2mb	
GRF	79.24	354 e(P)	53 37.40	1.0
GEC2	79.89	352 eP	53 39.80	-0.2
	0.7s	1.05nm	3.9mb	
FLN	80.46	2 eP	53 42.40	-0.5
	1.3s	37.20nm	5.2mb	
LDF	80.64	1 eP	53 43.40	-0.4
	0.4s	7.00nm	5.0mb	
GRR	80.83	2 eP	53 44.80	0.0
	0.9s	15.55nm	5.0mb	
LPF	81.18	2 eP	53 46.80	0.2
	1.1s	20.25nm	5.0mb	
LOR	81.96	359 eP	53 50.10	-0.7
	0.8s	4.85nm	4.6mb	
WB2	82.16	225 eP	54 05.20	13.1X
	1.0s	2.70nm		
WRA	82.17	225 P	53 52.00	-0.1
SSF	82.18	359 eP	53 52.00	0.1
	0.7s	3.75nm	4.5mb	
LBF	82.25	359 eP	53 51.20	-1.1
	0.7s	3.30nm	4.5mb	
AVF	82.45	359 eP	53 53.45	0.2
	1.0s	7.60nm	4.7mb	
MFF	82.63	1 eP	53 54.60	0.4
	0.9s	10.15nm	4.9mb	
TCF	82.96	360 eP	53 56.00	0.0
	0.8s	5.25nm	4.7mb	
LSF	83.00	0 eP	53 56.20	0.0
	0.6s	5.95nm	4.9mb	
CAF	84.32	360 eP	54 03.50	0.6
	1.2s	10.70nm	4.9mb	
LPO	84.56	1 eP	54 04.30	0.2
	0.9s	10.00nm	5.0mb	
ASPA	85.63	223 eP	54 23.00	13.4X
	0.7s	4.80nm		

S.D. = 0.9 on 52 of 54 obs.

% SEP 30, 1992 13h 05m 14.32±0.73s
44.392 N ± 6.5km 7.327 E ± 8.3km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.5 (GEN).

STV	0.15	181 P	05 17.82	0.0
		S	05 19.96	
ENR	0.18	158 P	05 18.45	0.1
		S	05 20.94	
PZZ	0.20	305 P	05 18.70	0.0
		S	05 21.62	
ROB	0.40	104 P	05 22.52	-0.1
		S	05 28.57	
BHB	0.45	354 P	05 23.56	0.0

S 05.30.28
S.D. = 0.1 on 5 of 5 obs.
% SEP 30, 1992 13h 10m 47.62±0.62s
44.394 N ± 5.4km 7.325 E ± 6.4km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.7 (GEN).

STV	0.15	180 P	10 51.22	0.0
		S	10 53.37	
ENR	0.18	158 P	10 51.53	-0.2
		S	10 54.30	
PZZ	0.19	305 P	10 51.94	-0.1
		S	10 54.71	
ROB	0.40	104 P	10 55.83	-0.1
		S	11 02.09	
BHB	0.45	354 P	10 56.86	0.1
		S	11 03.63	
IMI	0.63	140 P	11 00.76	0.4
		S	11 08.65	
FIN	0.66	106 P	11 00.65	-0.1
		S	11 08.75	

S.D. = 0.2 on 7 of 7 obs.
SEP 30, 1992 13h 34m 11.81±0.91s
42.668 N ± 9.3km 24.289 E ± 9.2km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)
MD 3.2 (THE).

SRS	1.63	199 ePb	34 39.16	-1.6
		eSb	35 00.92	
VAY	1.86	224 iPn	34 43.00	-0.9
SOH	1.97	201 ePb	34 44.18	-1.5
		eSb	35 13.24	
ALN	2.20	143 ePn	34 48.42	-0.5
		eSn	35 16.98	
GRG	2.22	220 ePn	34 50.68	1.5
		eSn	35 17.08	
SKO	2.22	253 ePn	34 53.70	4.4X
		i	34 57.20	
		i	35 24.00	
THE	2.26	206 ePn	34 51.38	1.6
		eSn	35 19.44	
OUR	2.34	186 ePn	34 50.72	-0.2
		eSn	35 20.56	
DMK	2.71	107 ePn	34 57.00	0.8
PAIG	2.78	190 ePn	34 57.88	0.8
		eSn	35 32.84	
FNA	2.88	230 ePn	34 59.02	0.4
LIT	2.90	208 ePn	34 58.62	-0.3
GZR	2.93	339 ePd	35 06.00	6.6X
ISR	2.96	33 eP	35 43.00	43.3X
MLR	3.06	22 ePc	34 49.60	-11.7X
CVO	3.43	23 eP	35 06.00	-0.4
VRI	3.65	28 ePc	35 04.50	-5.0X

S.D. = 1.2 on 12 of 17 obs.
? SEP 30, 1992 13h 50m 49.66±3.03s
26.093 N ± 37.1km 95.664 E ± 30.6km
DEPTH = 33.0km (normal)
MYANMAR-INDIA BORDER REGION (294)

SHL	3.45	262 ePn	51 42.50	0.0
		eSn	52 17.50	
CHG	7.85	157 eP	52 44.50	0.0
GUN	8.91	284 P	53 00.00	0.5
PKI	9.28	281 P	53 04.00	-0.5
KKN	9.42	283 P	53 05.00	-0.6
DMN	9.55	281 P	53 09.40	1.2
GKN	10.01	283 P	53 13.90	-0.6

S.D. = 0.8 on 7 of 7 obs.
SEP 30, 1992 14h 24m 04.22±1.27s
7.747 S ± 14.7km 128.548 E ± 19.3km
DEPTH = 130.6 ± 34.4 km
4.9mb (1 obs.)
BANDA SEA (280)

AAI	4.05	355 iP	25 05.40	-0.1
MTN	5.67	154 eP	25 28.50	1.1
		eS	26 12.50	
WB2	13.37	156 eP	27 07.70	-2.3
	0.3s	36.10nm	5.3mb X	
		eS	29 29.20	
MBL	15.77	211 eP	27 40.00	-0.4

OIS	16.63	141 eP	30 22.00	
		eS	27 51.60	0.5
		eS	30 47.40	
ASPA	16.64	163 iPc	27 51.30	0.1
	0.5s	35.50nm	4.9mb	
		eS	30 46.40	
WARB	18.43	185 iPd	28 13.20	0.9
NANU	19.34	219 eP	28 22.00	0.1
BCAO	110.39	272 iPKPc	42 43.00	19.4X
	1.0s	5.00nm		
		id	53 33.50	

S.D. = 1.4 on 8 of 9 obs.
? SEP 30, 1992 14h 24m 37.71±8.76s
17.985 N ± 60.4km 63.180 W ± 63.1km
DEPTH = 90.0km (geophysicist)
LEEWARD ISLANDS (92)
MD 3.9 (TRN).

SKI	0.77	147 eP	24 54.98	-0.2
		eS	25 10.22	
NEV	1.02	145 eP	24 57.82	-0.2
		eS	25 15.03	
CPB	1.34	105 eP	25 02.13	0.4
		eS	25 21.98	
MGH	1.56	144 eP	25 05.48	0.8
		eS	25 27.95	
BPA	1.57	126 eP	25 03.93	-0.9
		eS	25 25.53	

S.D. = 0.9 on 5 of 5 obs.
SEP 30, 1992 14h 25m 56.87s
61.765 N 154.451 W
DEPTH = 10.3km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.5 (AEIC), 3.9 (PMR).

SVW	0.87	221 iPc	26 12.17	-1.4
BGL	1.11	116 iPd	26 15.51	-2.2
NCG	1.16	107 iPd	26 16.61	-1.9
		eS	26 32.08	
CKL	1.16	118 iPd	26 16.97	-1.7
CRP	1.21	113 eP	26 17.13	-2.3
CKN	1.22	116 iPd	26 18.19	-1.3
CKT	1.22	117 ePd	26 17.85	-1.7
CGLM	1.26	110 iPd	26 18.52	-1.8
BKG	1.26	123 iPd	26 18.95	-1.4
		eS	26 35.93	
SPU	1.29	116 iPd	26 18.81	-2.0
		eS	26 37.35	
TTA	1.38	329 ePn	26 20.02	-2.1
		iPg	26 21.66	
		eS	26 37.35	
SKT	1.40	80 ePc	26 21.06	-1.4
		eS	26 39.25	
NCT	1.41	148 iPd	26 21.63	-1.1
		eS	26 40.81	
DFR	1.45	143 ePd	26 22.17	-1.1
RDN	1.50	146 eP	26 23.36	-0.5
RDW	1.51	148 ePd	26 23.04	-1.1
REF	1.54	146 iPd	26 23.44	-1.0
RS2	1.54	147 ePd	26 23.58	-1.0
RSO	1.55	147 iPd	26 23.59	-1.0
RS1	1.55	147 iPd	26 23.60	-1.0
RDT	1.55	139 iPd	26 23.73	-0.9
		eS	26 44.69	
RED	1.58	148 ePd	26 23.79	-1.2
SUA	1.80	98 ePd	26 26.81	-1.4
INW	1.82	159 eP	26 28.45	-0.1
INE	1.84	158 eP	26 27.75	-1.1
NKA	1.86	122 ePc	26 29.98	1.0
PDB	1.99	176 eP	26 30.25	-0.6
PWA	2.18	91 P	26 32.00	-1.6
OPT	2.20	164 eP	26 33.31	-0.7
PMS	2.40	100 P	26 35.70	-1.1
SLKM	2.41	120 eP	26 35.33	-1.6
KTH	2.42	41 eP	26 34.39	-2.8
AUL	2.44	168 eP	26 36.28	-1.1
AUW	2.45	168 eP	26 37.37	-0.1
AUH	2.46	168 eP	26 37.39	-0.3
AUP	2.46	168 eP	26 37.60	-0.1
AUE	2.47	167 eP	26 35.70	-2.1
AUI	2.49	168 eP	26 36.31	-1.7
HOM	2.52	146 eP	26 38.26	-0.2
PLRM	2.54	92 eP	26 37.20	-1.5
PMR	2.54	92 eP	26 37.29	-1.5

30d 14h

HUR	2.55	59	eP	26	37.25	-1.7
TRF	2.56	47	eP	26	37.23	-2.0
KMNL	2.59	179	eP	26	37.98	-1.5
GHO	2.63	87	eP	26	38.93	-1.2
XLV	2.68	149	eP	26	39.64	-1.1
PTE	2.77	167	eP	26	41.57	-0.4
MPA	2.78	115	eP	26	42.21	0.0
CDD	2.87	172	eP	26	41.55	-2.0
KNK	2.89	94	eP	26	42.87	-0.9
SML	2.91	86	eP	26	43.14	-0.9
SEW	2.96	122	eP	26	44.11	-0.5
RND	3.07	55	eP	26	43.86	-2.4
MCK	3.22	50	eP	26	46.81	-1.6
SCM	3.38	86	eP	26	49.56	-1.2
KNIM	3.56	111	eP	26	50.10	-3.1
GLI	3.66	101	ePd	26	52.06	-2.6
LTI	3.66	115	P	26	50.50	-4.1
MLY	3.68	25	eP	26	52.43	-2.6
NEA	3.73	38	eP	26	53.05	-2.6
MTU	3.77	115	eP	26	54.66	-1.6
TOA	3.93	81	P	26	58.00	-0.5
VLZ	3.95	96	eP	26	56.55	-2.2
WRH	3.96	44	eP	26	56.07	-2.9
FID	3.98	101	eP	26	56.00	-3.2
KLU	4.08	90	iPc	26	58.61	-2.1
KDC	4.15	165	eP	27	00.52	-1.0
			eS	28	03.66	
CCB	4.17	43	eP	26	57.94	-3.9
SDG	4.25	76	eP	27	02.09	-1.0
TZL	4.28	82	eP	27	02.36	-1.1
HDA	4.32	49	eP	27	00.80	-3.2
IMA	4.33	4	ePn	27	00.86	-3.5
FBA	4.35	41	ePn	26	59.59	-4.8
			ePg	27	12.64	
			eS	28	04.89	
PAX	4.36	70	eP	27	03.38	-1.2
GLM	4.53	41	eP	27	03.44	-3.6
SGAM	4.66	102	eP	27	04.94	-3.9
RAGM	4.94	102	eP	27	09.13	-3.8
GLB	5.09	89	eP	27	11.92	-3.1
DOT	5.14	64	eP	27	11.20	-4.5
HMT	5.15	102	eP	27	11.72	-4.1
WAX	5.78	98	eP	27	19.04	-5.6
BALM	5.86	92	eP	27	22.50	-3.4

82 obs. associated

* SEP 30, 1992 14h 26m 07.84 \pm 0.98s
 6.99B N \pm 11.4km 73.077 W \pm 14.7km
 DEPTH = 147.9 \pm 10.7 km
 4.4mb (2 obs.)

NORTHERN COLOMBIA (99)

FUD	1.65	203	iP	26	39.00	-0.6
BOG	2.56	203	iP	26	51.00	0.6
			iS	27	23.00	
SDV	3.06	52	iPnd	26	59.90	3.2X
			iSn	27	37.50	
TOV	4.27	49	iPnc	27	14.90	2.5X
			iPP	28	07.20	
			iSn	29	06.30	
CEOS	5.11	66	iPc	27	24.00	0.3
MORO	6.08	50	iP	27	37.20	0.6
GUAN	7.91	68	iP	28	00.60	-0.9
ZOBO	23.65	168	eP	31	06.00	-1.6
LPB	23.89	168	(P)	31	12.00	2.3
CNCB	24.19	168	P	31	12.00	-0.7
SIV	25.75	153	eP	31	57.00	30.4X
YKA	63.11	340	eP	36	20.70	-0.8
	0.5s	5.60nm			4.7mb	
MBC	73.64	350	eP	37	27.00	0.7
	0.6s	2.00nm			4.0mb	
ASPA	149.25	234	iPKPc	45	39.20	2.5X
	0.6s	7.00nm				
WB2	150.45	241	iPKPc	45	42.70	4.2X
	0.3s	14.40nm				

S.D. = 1.4 on 10 of 15 obs.

* SEP 30, 1992 15h 03m 32.77 \pm 3.20s
 44.903 N \pm 8.0km 6.651 E \pm 23.7km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 1.5 (GEN).

RRL	0.10	80	P	03	35.77	0.1
			S	03	37.59	
BHB	0.44	98	P	03	42.01	0.3
RSP	0.50	60	P	03	42.53	-0.4

PZZ	0.51	141	P	03	49.71	
			S	03	43.04	-0.1
			S	03	50.92	
LSD	0.66	33	P	03	46.22	0.1
			S	03	54.45	

S.D. = 0.3 on 5 of 5 obs.

* SEP 30, 1992 15h 28m 03.79 \pm 2.66s
 44.168 N \pm 13.3km 7.105 E \pm 16.5km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
ML 1.5 (GEN).

STV	0.18	64	P	28	07.39	-0.4
			S	28	09.65	
ENR	0.23	75	P	28	08.66	-0.2
			S	28	11.39	
PZZ	0.34	360	P	28	10.81	0.0
			S	28	15.70	
ROB	0.56	77	P	28	15.29	0.0
IMI	0.62	114	P	28	16.18	-0.2
FIN	0.80	87	P	28	19.62	0.4
PCP	1.10	70	P	28	24.92	0.5

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

* SEP 30, 1992 15h 47m 30.59 \pm 0.44s
 44.541 N \pm 3.8km 7.418 E \pm 4.4km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
ML 1.7 (GEN).

PZZ	0.23	261	P	47	35.97	0.4
			S	47	38.95	
STV	0.30	193	P	47	36.95	0.0
			S	47	41.30	
ENR	0.31	180	P	47	36.84	-0.3
			S	47	41.30	
BHB	0.32	340	P	47	37.62	0.4
			S	47	42.44	
ROB	0.41	127	P	47	39.05	0.1
			S	47	44.64	
RRL	0.59	310	P	47	42.44	-0.2
			S	47	50.75	
RSP	0.62	349	P	47	42.74	-0.4
FIN	0.66	120	P	47	44.18	0.5
IMI	0.72	152	P	47	44.59	-0.2
PCP	0.81	90	P	47	46.13	-0.1
			S	47	56.80	

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

* SEP 30, 1992 16h 06m 31.58 \pm 0.42s
 41.757 N \pm 3.9km 22.931 E \pm 3.9km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
MD 2.9 (THE). ML 2.7 (SKO).

KKB	0.16	46	iPg	06	35.00	-0.3
VAY	0.51	212	iPg	06	41.30	-0.7
			iSg	06	48.30	
MMB	0.62	105	iPg	06	44.00	-0.1
SRS	0.81	142	ePg	06	47.14	-0.2
			eSg	06	59.04	
VTS	0.86	14	iPg	06	47.00	-1.2
SOH	0.99	161	ePg	06	50.57	0.2
			eSg	07	02.32	
THE	1.12	179	ePg	06	52.72	0.1
			eSg	07	07.48	
SKO	1.13	281	ePg	06	53.30	0.5
	0.7s	79.00nm				
			i	06	57.00	
			iSg	07	07.50	
PGB	1.21	49	iPg	06	55.00	0.8
RZN	1.34	92	iPc	06	57.00	0.6
FNA	1.52	231	ePb	06	58.96	0.0
			eSb	07	18.92	
LIT	1.69	192	ePb	07	01.24	0.0
			eSb	07	21.48	
OHR	1.73	249	eP	07	03.20	1.3
PAIG	1.91	162	ePbc	07	04.12	-0.4
			eSb	07	28.36	
AGG	2.77	190	ePn	07	17.24	0.4
IGT	2.97	223	ePn	07	18.52	-1.1

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

* SEP 30, 1992 16h 11m 45.26 \pm 0.58s
 44.146 N \pm 5.2km 11.424 E \pm 4.7km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
MD 3.1 (FIR).

PGD	0.35	142	Pc	11	52.00	-0.5
			eSg	11	56.60	
SFI	0.38	126	Pc	11	52.80	-0.3
			eSg	11	59.50	
FIR	0.39	198	iPg	11	53.00	-0.2
			iSg	11	59.00	
MME	0.52	275	Pd	11	56.30	0.4
			eSg	12	04.80	
CRE	0.64	143	Pd	11	57.50	-0.7
			eSg	12	07.70	
PII	0.78	237	P	12	00.40	0.0
			eSg	12	13.20	
ARV	1.28	120	P	12	11.00	2.1
ASS	1.40	140	P	12	11.10	0.2
MNS	1.99	152	P	12	19.00	-0.3
TRI	2.28	46	eP	12	23.90	0.4
VOY	2.57	42	e(Pn)	12	26.60	-1.1
			e(Sn)	13	02.50	
CEY	2.66	52	eP	12	29.00	0.0
			e(Sn)	12	43.00	
VBY	3.05	62	e(Pn)	12	39.50	5.2X
			e(Sn)	13	14.90	

S.D. = 0.9 on 12 of 13 obs.

* SEP 30, 1992 16h 17m 20.60 \pm 0.63s
 16.495 S \pm 22.9km 173.920 W \pm 16.8km
 DEPTH = 33.0km (normal)
 5.0mb (8 obs.) 4.7msz (1 obs.)

TONGA ISLANDS (173)

DZM	19.34	250	iPc	21	48.90	2.5
BRS	32.64	245	e(P)	23	53.00	1.1
ARMA	34.36	240	iPc	24	06.70	-0.1
	1.0s	26.00nm			5.1mb	
RMQ	36.01	248	eP	24	21.30	0.5
	0.4s	2.00nm			4.4mb	
CTA	37.92	258	eP	24	32.50	-4.4X
PMG	38.53	276	eP	24	44.00	2.0
CMS	39.45	240	iPd	24	48.70	-0.9
	0.8s	17.00nm			4.9mb	
TOO	41.39	231	eP	25	05.50	0.0
	0.3s	14.00nm			5.2mb	
STKA	43.06	241	iPd	25	19.20	0.0
WB2	49.10	258	eP	26	06.30	-0.9
	0.7s	7.40nm			4.8mb	
ASPA	49.31	253	iPc	26	07.60	-1.2
	0.7s	45.30nm			5.6mb	
Z	20s	0.80um			4.7MsZ	
WARB	55.79	249	eP	26	55.30	-1.9
NANU	66.24	252	eP	28	06.00	-1.9
CN2	81.60	320	eP	29	35.00	-1.6
	1.0s	6.10nm			4.6mb	
		eP	29	48.00	44kmX	
LRM	83.18	38	eP	29	45.80	0.7
IPM	86.56	276	ePd	30	03.00	0.6
	0.9s	31.60nm			5.5mb	
TIY	87.57	310	eP	30	06.20	-0.7
GYA	88.11	298	P	30	10.00	0.3
HHC	89.40	313	eP	30	15.00	-0.6
CHG	92.58	289	eP	30	31.00	0.5
CLL	144.83	352	e(PKP)	36	50.00	-5.7X
BRG	145.13	351	e(PKP)	37	02.20	6.0X
SPC	145.41	344	ePKP	36	53.80	-3.2X
MOX	145.64	354	ePKP	36	56.20	-0.9X
	1.9s	51.00nm				
ENN	145.81	0	ePKP	37	06.50	9.1X
	1.2s	38.00nm				
PRU	145.90	350	ePKP	36	54.50	-3.1X
		e	37	03.70		
		e	37	07.50		
SNF	146.04	2	PKP	37	08.00	10.3X
DOU	146.46	2	PKP	37	02.90	4.4X
GRF	146.63	354	ePKP	36	58.10	-0.7
		e	37	10.00		
KHC	146.88	351	ePKP	36	57.20	-2.0
		e	37	06.00		
		e	37	10.70		
WLF	146.92	360	PKP	37	11.00	11.8X
GEC2	147.14	351	ePKPc	36	58.10	-1.6
	0.9s	2.45nm				
		e	37	00.50		
		e	37	05.20		
		e	37	08.10		
		e	37	10.30		

GRG	147.69	9 ePKP	37 00.40	-0.1	MSU	46.99	79 eP	55 32.58	0.2	SME	82.55	359 iPc	59 23.00	0.0
	1.2s	36.30nm			TIA	47.53	278 Pp	55 36.50	-0.1		1.0s	15.00nm		5.0mb
LPF	148.01	9 ePKP	37 00.30	-0.7	SRU	47.64	77 eP	55 37.07	-0.4	MFF	82.59	1 iPc	59 23.40	0.2
	1.2s	43.15nm			HHC	48.08	286 eP	55 41.60	0.9		0.9s	16.05nm		5.1mb
CDF	148.15	358 ePKP	37 01.00	-0.4	RSSD	48.52	68 eP	55 42.97	-1.2	TCF	82.92	360 iPc	59 25.00	0.1
	1.1s	31.25nm				0.4s	3.67nm		4.7mb		0.8s	5.10nm		4.7mb
HAU	148.58	360 ePKP	37 02.10	0.1	Z	20s	0.12um		3.9Msz	MAF	82.99	359 iPc	59 25.60	0.4
	0.9s	22.75nm			BTO	49.16	287 eP	55 50.00	0.9		1.0s	26.30nm		5.3mb
BSF	148.74	359 ePKP	37 02.40	0.0	TIY	49.49	283 Pd	55 52.50	1.0	VBY	83.00	350 ePc	59 25.00	-0.3
	1.1s	16.85nm			Z	20s	0.50um		4.5Msz	RJF	83.91	0 iPc	59 30.30	0.4
LOR	149.26	3 ePKP	37 03.80	0.7	GOL	50.41	73 eP	55 59.55	0.7	BOB	84.21	354 P	59 32.20	0.6
	1.0s	20.80nm				0.6s	11.03nm		5.0mb	LFf	84.27	1 iPc	59 32.20	0.5
SSF	149.45	3 ePKP	37 04.50	1.2	TUC	51.86	84 eP	56 09.29	-0.4	CAF	84.28	360 iPc	59 32.30	0.4
	0.9s	18.65nm				0.7s	2.75nm		4.3mb		0.8s	8.20nm		5.0mb
LBF	149.55	3 ePKP	37 04.50	1.0	XAN	54.04	281 P	56 25.40	-0.3	LPO	84.53	0 iPc	59 33.40	0.3
	1.0s	17.20nm			LZH	55.77	287 Pp	56 38.70	0.2		0.6s	13.10nm		5.3mb
AVF	149.71	4 ePKP	37 04.70	1.0		1.5s	27.00nm		5.1mb	HYB	84.61	291 eP	59 34.00	0.1
	1.3s	28.15nm					pP	56 44.00	17kmX	SFI	84.88	353 P	59 35.80	1.0
VBY	150.07	347 ePKP	37 06.00	1.7	WMO	59.74	303 P	57 06.20	-0.1	PGD	84.94	353 P	59 36.40	1.0
TCF	150.12	5 ePKP	37 05.80	1.4		1.0s	21.00nm		5.2mb	FRF	85.95	356 iPc	59 38.50	0.3
	1.3s	37.20nm			FVM	60.33	65 ePc	57 08.40	-1.8		0.7s	8.50nm		5.1mb
MAF	150.22	5 ePKP	37 06.40	1.9X		0.5s	18.13nm		5.5mb	ASPA	85.57	223 iPc	59 38.90	0.5
	1.3s	36.10nm			OLY	61.44	68 eP	57 15.95	-1.9		0.6s	5.90nm		5.0mb
CAF	151.46	6 ePKP	37 09.40	3.0X	ELC	61.50	65 eP	57 16.50	-1.7	ASS	85.66	352 P	59 39.00	0.1
	1.3s	18.05nm			RSNY	64.13	51 P	57 50.00	14.5X	SKO	85.66	345 iP	59 39.80	1.0
LPO	151.60	7 ePKP	37 09.30	2.7X	Z	20s	0.06um		3.8Msz	LRG	85.67	357 iPc	59 39.20	0.4
	1.3s	18.45nm			KAF	65.39	348 iP	57 41.30	-2.0		0.6s	9.30nm		5.2mb
S.D. = 1.2 on 33 of 46 obs.						0.5s	5.20nm		4.9mb	LMR	85.79	357 iPc	59 39.80	0.4
SEP 30, 1992 16h 47m 02.51± 0.24s					GBTN	65.49	63 eP	57 43.06	-1.3		0.6s	4.80nm		4.9mb
51.171 N ± 5.9km 178.251 W ± 2.9km					NUR	67.16	348 eP	57 53.30	-1.3	EPF	86.17	1 iPc	59 41.10	

30d 18h

BUT 1.89 31 iPg 49 11.90 2.9X
 eSn 49 33.30
 eSg 49 37.60
 PTI 1.90 143 eP 49 09.08 -0.1
 eS 49 32.85
 LCCM 2.06 45 ePnc 49 11.00 -0.4
 MEMT 2.43 59 ePn 49 17.00 0.1
 SXM 2.61 47 ePn 49 19.30 -0.1
 HRY 2.75 32 ePn 49 21.00 -0.4
 EBI 2.88 329 iPc 49 23.70 0.5
 S.D. = 0.4 on 12 of 13 obs.

? SEP 30, 1992 19h 01m 20.22±3.50s
 34.560 N ±30.5km 14.294 E ±11.1km
 DEPTH = 10.0km (geophysicist)
 3.7mb (2 obs.)

CENTRAL MEDITERRANEAN SEA (400)

MEU 2.59 11 P 02 03.10 0.2
 PTS 2.92 321 P 02 07.70 0.1
 MNO 3.38 5 P 02 15.10 0.8
 ATN 3.71 14 Pd 02 18.90 0.0
 ERC 3.73 339 P 02 18.80 -0.4
 SOI 3.78 22 P 02 18.80 -1.0
 MGR 5.66 10 P 02 46.20 -0.2
 VLS 6.23 53 ePb 02 51.60 -2.8X
 IGT 6.92 42 ePn 03 07.32 3.1X
 eSn 04 20.08
 AGG 7.83 53 ePn 03 17.64 0.7
 eSn 04 39.88
 OHR 8.32 36 ePn 03 24.50 0.7
 FNA 8.37 40 ePn 03 26.84 2.3
 eSn 04 55.64
 LIT 8.55 47 ePn 03 26.00 -1.0
 eSn 04 56.88
 GRG 9.05 43 ePn 03 36.52 2.6X
 eSn 05 11.84
 PAIG 9.20 52 ePn 03 36.40 0.5
 eSn 05 12.76
 SKO 9.29 35 ePn 03 35.50 -1.6
 i 05 17.50
 VAY 9.39 42 ePn 03 42.00 3.5X
 SOH 9.52 46 ePn 03 39.02 -1.3
 eSn 05 21.40
 SRS 9.84 46 ePn 03 45.44 0.7
 eSn 05 30.00
 ALN 11.25 52 ePn 04 03.28 -0.7
 GEC2 14.28 358 ePn 04 48.10 3.6X
 1.0s 1.28nm 3.6mb
 e 04 58.90
 CLL 16.77 357 eP 05 20.00 3.5X
 1.5s 13.00nm 3.8mb
 S.D. = 1.1 on 16 of 22 obs.

? SEP 30, 1992 20h 08m 49.06±5.39s
 32.394 S ±36.3km 71.569 W ±22.1km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

ROCH 0.74 141 iPd 09 03.86 0.1
 iS 09 16.90
 JACH 0.87 109 iPd 09 05.61 -0.3
 iS 09 20.39
 PEL 1.05 135 iP+ 09 08.81 -0.2
 iS 09 25.62
 LCCH 1.08 180 iP 09 08.30 -1.0
 iS 09 26.18
 TACH 1.36 157 iP 09 14.21 0.1
 FCH 1.42 131 iP 09 14.75 -0.5
 iS 09 36.22
 PCH 1.51 144 iP+ 09 16.48 0.2
 iS 09 39.57
 LNV 1.56 175 iP 09 17.11 0.2
 iS 09 39.87
 CHCH 1.72 154 iPd 09 19.69 0.5
 iS 09 45.27
 CACH 1.90 155 iPd 09 22.88 0.9
 iS 09 51.11
 S.D. = 0.6 on 10 of 10 obs.

SEP 30, 1992 20h 19m 13.44±0.89s
 39.679 N ±9.0km 24.026 E ±5.8km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.6 (THE).

PAIG 0.36 313 ePg 19 21.18 0.3
 eSg 19 27.40
 SOH 1.25 336 ePbc 19 36.08 -0.7
 eSb 19 53.24
 THE 1.25 320 ePb 19 36.04 -0.7
 eSb 19 53.96
 LIT 1.25 290 ePbc 19 36.76 0.0
 eSb 19 52.72
 AGG 1.47 244 ePb 19 39.44 -0.6
 eSb 20 00.16
 SRS 1.47 347 ePb 19 38.92 -1.1
 eSb 20 00.68
 EZN 1.78 85 ePn 19 44.80 0.4
 GRG 1.78 316 ePb 19 45.36 0.9
 eSb 20 08.12
 ALN 1.97 51 ePb 19 46.90 -0.2
 VAY 1.98 326 ePn 19 49.00 1.7
 FNA 2.31 299 ePn 19 52.20 0.0
 S.D. = 0.9 on 11 of 11 obs.

? SEP 30, 1992 20h 29m 41.26±4.10s
 17.884 N ±58.1km 66.170 W ±9.2km
 DEPTH = 33.0km (normal)

PUERTO RICO REGION (90)

SJG 0.23 5 iP 29 47.90 -0.3
 CPD 0.29 58 P 29 49.00 0.1
 CLLP 0.43 297 P 29 50.80 -0.1
 S 29 56.13
 PORP 0.48 291 P 29 51.20 -0.3
 LRS 0.76 302 P 29 56.10 0.5
 S 30 05.30
 S.D. = 0.5 on 5 of 5 obs.

SEP 30, 1992 20h 58m 25.85±0.82s
 43.387 N ±10.5km 5.436 E ±4.9km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)
 ML 3.0 (LDG).

CDR 0.37 40 iPg 58 33.00 -0.6
 i 58 39.10
 LRG 0.68 84 Pg 58 39.40 0.1
 Sg 58 48.10
 LMR 0.78 94 Pg 58 41.50 0.4
 Sg 58 51.30
 FRF 0.90 78 Pg 58 43.30 0.2
 Sg 58 54.50
 SBF 1.53 71 Pn 58 53.60 0.3
 Pg 58 54.50
 Sg 59 14.90
 LPL 2.32 23 Pg 59 10.30 5.4X
 PGF 2.75 107 Pn 59 10.10 -0.8
 Sn 59 41.80
 CAF 2.87 304 Pn 59 12.40 -0.2
 LPO 3.33 294 Pn 59 19.00 0.0
 BGF 3.66 331 Pn 59 24.10 0.3
 S.D. = 0.5 on 9 of 10 obs.

* SEP 30, 1992 21h 00m 57.51±0.86s
 38.368 N ±7.9km 22.253 E ±9.3km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 2.6 (ATH).

AGG 0.66 5 eP 01 09.40 -1.2
 ATH 1.22 108 ePb 01 20.60 0.4
 eSb 01 35.60
 VLS 1.32 262 ePn 01 21.80 -0.1
 eSn 01 42.80
 VLI 1.73 162 ePn 01 27.50 -0.3
 LIT 1.74 6 eP 01 27.40 -0.6
 eS 01 55.80
 KZN 1.97 349 ePn 01 33.20 1.8
 GRG 2.59 2 eP 01 44.00 3.9X
 S.D. = 1.3 on 6 of 7 obs.

? SEP 30, 1992 21h 05m 28.42±18.13s
 31.694 S ±133.km 71.706 W ±57.5km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

JACH 1.36 137 iP+ 05 51.46 0.0
 iS 06 06.92
 ROCH 1.40 155 iPd 05 51.55 -0.6
 iS 06 07.18

PEL 1.68 149 iP+ 05 55.85 -0.2
 iS 06 15.12
 LCCH 1.78 176 iP+ 05 56.86 -0.5
 FCH 2.02 144 iP+ 06 00.89 -0.3
 (S) 06 23.46
 TACH 2.06 162 iP 06 01.28 -0.1
 iS 06 24.89
 PCH 2.17 153 iP 06 03.11 0.1
 iS 06 27.54
 LNV 2.27 174 iP 06 04.73 0.4
 CHCH 2.40 159 iP 06 06.54 0.2
 iS 06 33.98
 CACH 2.59 159 iP 06 09.45 0.4
 S.D. = 0.4 on 10 of 10 obs.

% SEP 30, 1992 21h 45m 21.43±2.73s
 44.729 N ±6.2km 6.581 E ±21.6km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.4 (GEN).

RRL 0.24 37 P 45 26.55 -0.1
 S 45 29.63
 PZZ 0.43 121 P 45 31.16 0.8
 S 45 36.83
 BHB 0.50 77 P 45 31.16 -0.4
 S 45 37.18
 RSP 0.64 48 P 45 35.03 0.7
 STV 0.72 132 P 45 35.79 0.1
 ENR 0.78 130 P 45 36.34 -0.4
 LSD 0.84 29 P 45 37.59 -0.2
 ROB 1.02 115 P 45 40.19 -0.6
 S.D. = 0.6 on 8 of 8 obs.

SEP 30, 1992 22h 07m 04.42±0.20s
 11.087 N ±3.4km 126.037 E ±4.6km
 DEPTH = 21.7km (13 depth phases)
 5.3mb (52 obs.) 4.5msz (12 obs.)
 PHILIPPINE ISLANDS REGION (248)
 Felt (11 RF) at Palo, Leyte.

PLP 1.04 274 iPc 07 25.70 2.1
 MAP 2.16 250 ePc 07 43.00 3.3X
 eS 08 11.00
 BIP 2.85 176 ePd 07 51.00 1.4
 eS 08 33.50
 CGP 2.93 207 eP 08 02.00 11.3X
 eS 08 30.00
 PGP 5.52 296 ePd 08 31.50 4.1X
 TGY 5.81 302 ePc 08 35.50 3.9X
 QVP 6.04 306 eP 08 35.00 0.3
 PPR 7.30 260 ePd 08 56.00 3.5X
 KKM 10.93 244 ePd 09 47.60 4.0X
 SWI 12.96 156 eP 10 13.50 3.4X
 GZH 17.00 316 P 11 06.20 3.6X
 E 16s 2.22um
 QIZ 17.51 299 eP 11 11.00 2.0
 N 14s 0.82um
 E 14s 1.22um
 eS 14 26.00
 GUA 18.60 81 eP 11 22.00 -0.5
 SSE 20.41 348 Pc 11 43.00 0.2
 1.0s 81.00nm 5.0mb
 Z 20s 0.90um 4.1msz
 N 16s 0.60um
 E 16s 1.00um
 pP 11 50.00 26km
 S 15 30.00
 sS 15 40.00
 KAGJ 20.50 12 P 11 44.70 0.9
 KUMJ 21.80 11 P 11 57.20 0.3
 NJ2 21.89 343 Pc 11 58.40 0.5
 1.6s 130.00nm 5.1mb
 N 15s 0.74um
 E 13s 0.48um
 sP 12 11.50
 S 16 01.50
 WHN 22.20 332 Pc 12 02.50 1.6
 1.0s 620.00nm 6.0mb
 E 16s 1.72um
 sP 12 15.00
 S 16 06.00
 WWKK 22.80 129 eP 12 08.00 0.9
 SHNJ 23.40 11 eP 12 10.70 -1.9
 GYA 23.83 313 iPc 12 18.00 0.9
 1.0s 31.00nm 4.8mb
 Z 18s 0.74um 4.2msz

	N	15s	0.91um	—			P	14-16.50	17km			2.0s	80.00nm	5.5mb		
	E	15s	1.29um				sP	14 20.50			Z	16s	0.30um	4.6MszX		
KGM		24.28	250 ePc	T2 22.80	1.4		PCP	16 34.40			N	16s	0.20um			
		1.0s	113.60nm		5.4mb		S	19 53.50			E	16s	0.30um			
IPM		25.59	257 ePd	12 34.40	0.4		ScP	20 19.00		ARU	68.40	326 ePc	18 06.00	-0.4		
		1.0s	85.20nm		5.3mb		PcS	20 21.00			1.0s	120.00nm		6.0mb		
NST		25.60	283 eP	12 35.00	1.0		ScS	24 24.00			e		18 12.00	19km		
NNT		25.78	276 eP	12 35.70	0.0	CTA	iPc	14 07.00	-6.0X		e		18 23.00			
KMI		26.11	305 Pc	12 39.50	0.5		i	15 14.00	333kmX		eS		27 04.00			
	Z	15s	1.10um		4.5MszX		e	15 37.00		SVW	74.73	30 eP	18 45.70	1.4		
	E	13s	0.70um				e	16 35.00		BRW	75.47	19 eP	18 49.01	0.7		
TIA		26.28	344 eP	12 40.10	-0.1	WARB	eP	14 14.00	-0.8	IMA	76.00	24 eP	18 51.63	0.1		
		1.2s	66.00nm		5.2mb	LSA	iPc	14 18.30	0.2		0.9s	5.98nm		4.6mb		
	Z	20s	0.94um		4.3Msz	MEEK	0.4s	5.00nm	4.7mb	ERE	76.50	309 iP	18 55.00	0.2		
	N	12s	0.52um			GUN	38.18	191 eP	14 23.00	-1.4		1.4s	5.00nm	4.4mb		
	E	12s	0.62um				41.16	300 Pc	14 48.78	-0.7	PYA	77.36	313 iP	18 58.50	-0.9	
							0.8s	359.00nm		6.1mb		1.0s	100.00nm		5.8mb	
BDT		26.90	286 eP	12 44.20	-1.8	MRWA	41.22	193 iPd	14 48.90	-0.6		i		19 05.00	21km	
CHG		27.25	290 iPc	12 47.80	-1.5	PKI	41.47	299 Pc	14 50.50	-1.4	CSY	78.01	186 eP	19 02.90	0.5	
		1.0s	20.00nm		4.7mb		0.8s	118.00nm		5.7mb		0.3s	20.30nm		5.6mb	
MAT		27.63	21 iPd	12 50.40	-2.1	KKN	41.64	299 Pc	14 52.04	-1.2	FBA	78.42	26 eP	19 05.09	0.3	
		1.2s	18.75nm		4.7mb	DMN	1.0s	273.00nm		5.9mb		0.7s	4.94nm		4.7mb	
XAN		27.69	328 Pc	12 52.30	-0.8		41.74	299 Pc	14 52.98	-1.2	MOS	80.04	325 iPc	19 13.00	-0.7	
		1.0s	64.00nm		5.3mb	COOL	1.0s	182.00nm		5.8mb		1.5s	80.00nm		5.5mb	
	Z	14s	0.94um		4.5MszX	CIT	41.99	186 iPd	14 54.90	-0.9		e		19 21.00	25km	
						GKN	42.03	349 eP	14 57.00	1.1	OBN	80.68	324 iPc	19 16.00	-1.2	
						KLB	42.24	300 Pc	14 56.64	-1.5		1.1s	60.00nm		5.5mb	
						RMO	43.17	190 iPd	15 05.20	-0.2	Z	20s	0.20um		4.5Msz	
DL2		27.98	353 eP	12 57.00	1.4		e	16 58.00	570kmX			e		19 22.00	19km	
	Z	18s	0.37um		4.0Msz		e	20 46.50				e		22 23.00		
CD2		28.56	317 eP	13 00.30	-0.7	ZAK	43.43	339 ePc	15 07.50	0.3	APA	80.87	337 iPd	19 18.60	0.6	
		0.9s	34.00nm		5.1mb		2.0s	56.00nm		5.0mb	KEV	82.79	340 eP	19 38.00	10.1X	
	Z	18s	3.66um		5.0Msz		E	18s	0.30um	4.5Msz	KAF	84.80	332 iP	19 37.40	-0.8	
	E	15s	1.45um									1.1s	107.20nm		6.0mb	
							e	16 55.30	622kmX		MBC	84.97	13 ePd	19 39.40	0.5	
TIY		29.19	338 Pc	13 06.90	0.3		eS	21 36.00				0.7s	3.00nm		4.6mb	
	Z	16s	0.95um		4.5MszX	MUN	43.84	192 iPd	15 10.90	0.1	CSS	85.93	305 eP	19 44.60	0.1	
	N	15s	0.92um			STKA	45.24	161 iPd	15 22.10	0.0	NUR	85.98	331 iP	19 43.70	-0.4	
	E	15s	0.66um				ePcP	17 15.10				0.7s	45.20nm		5.8mb	
BJI		30.13	345 Pc	13 14.50	-0.4	STK	45.25	161 P	15 22.60	0.5	MNK	06.08	324 eP	19 42.00	-2.7X	
		1.5s	120.00nm		5.5mb	MOY	45.32	338 ePc	15 23.90	1.4	NAI	09.49	269 iPd	20 04.50	2.2	
	Z	16s	0.35um		4.1MszX		1.4s	96.00nm		5.5mb	UZH	90.67	320 iPd	20 07.00	0.2	
SNY		30.70	356 iPc	13 19.40	-0.5	RKG	46.20	190 eP	15 30.00	0.3		1.0s	120.00nm		6.1mb	
		1.0s	56.00nm		5.4mb	BRS	46.21	146 eP	15 26.00	-3.9X		e		20 16.30	29km	
	Z	16s	0.76um		4.4MszX		i	15 38.50	46kmX		HFS	91.22	332 eP	20 07.50	-1.6	
							e	17 11.00				0.9s	22.70nm		5.5mb	
OFUJ		31.16	24 P	13 25.10	1.1		e	17 30.00			Z	17s	0.23um		4.7MszX	
WRA		31.90	165 P	13 29.00	-1.7	HYB	46.36	283 eP	15 33.00	1.8		LR		58 35.00		
WB2		31.90	165 eP	13 28.90	-1.8	WMO	46.44	322 P	15 32.50	0.9	OJC	91.71	322 eP	20 11.80	0.2	
		0.7s	14.10nm		5.0mb		1.2s	29.00nm		5.1mb	NB2	91.93	334 P	20 11.00	-1.4	
LZH		31.98	325 iPc	13 32.00	0.5		Z	16s	1.04um	4.9MszX		0.9s	10.50nm		5.2mb	
		1.8s	140.00nm		5.6mb		N	12s	0.76um		PSZ	92.42	320 eP	20 14.00	-1.0	
	Z	16s	1.22um		4.7MszX						SRO	93.46	320 iP	20 19.60	0.0	
	E	15s	0.92um				pP	15 42.50	33kmX		KSP	93.58	323 eP	20 20.00	-0.2	
							PcS	20 57.00			BRG	94.94	324 eP	20 26.00	-0.4	
HHC		32.28	339 Pc	13 34.20	0.3		eS	22 24.00				1.2s	13.00nm		5.2mb	
		1.0s	40.00nm		5.3mb	ADE	47.35	166 e(P)	15 42.00	3.2X	PRU	94.95	323 eP	20 26.00	-0.5	
	Z	14s	0.59um		4.4MszX	GBA	47.48	278 P	15 37.00	-3.1X	KHC	95.87	322 P	20 30.50	-0.3	
CN2		32.60	359 eP	13 36.00	-0.5	BOD	47.54	351 iPc	15 39.90	0.0		1.1s	4.00nm		4.8mb	
		1.0s	6.10nm		4.5mb		1.1s	40.00nm		5.4mb		e		20 35.50	16km	
	Z	14s	0.76um		4.5MszX	KOD	47.70	274 eP	15 42.00	-0.2		e		21 24.50		
	N	12s	0.26um			NDI	48.77	298 iPc	15 48.00	-1.9		e		20 39.80	30km	
	E	12s	0.25um			BWA	50.00	156 eP	16 01.10	1.0	GEC2	95.91	322 ePc	20 30.30	-0.8	
							i	16 05.20	14km			1.1s	6.68nm		5.0mb	
MBL		32.62	191 eP	13 35.50	-1.4		i	16 11.60				e		20 48.30		
BTO		32.62	337 P	13 37.00	0.1	BFD	50.45	163 eP	16 05.20	2.6X	MOX	96.38	324 eP	20 32.10	-0.9	
						YAK	50.91	2 eP	16 05.30	-0.5		1.5s	10.00nm		5.1mb	
	N	13s	0.53um				Z	19s	1.10um	4.9Msz	GRF	97.02	324 eP	20 36.40	0.4	
	E	12s	0.28um				N	20s	0.40um			Z	18s	0.30um		4.8Msz
MDJ		33.55	5 eP	13 44.80	0.0	CAN	51.01	156 eP	16 07.60	0.6	WLF	99.94	325 P	20 49.00	-0.1	
		1.2s	26.00nm		5.0mb			i	16 12.00	15km	DOU	100.58	326 Pdiff	20 52.30	0.4	
QIS		34.16	157 eP	13 49.20	-1.1	CNB	51.16	155 eP	16 08.10	0.0	MDZ	154.35	150 ePKP	26 58.00	1.4	
		1.1s	10.00nm		4.7mb		1.1s	58.00nm		5.4mb	LPB	165.25	113 ePKP	27 11.00	1.5	
SHL		35.35	299 iP	13 59.00	-1.7	DZM	51.54	130 iPc	16 11.30	0.0	CNCB	165.26	114 PKP	27 11.80	2.1	
ASPA		35.39	167 eP	14 00.20	-0.6	UKR	52.08	328 iPc	16 14.80	0.0	ZOBO	165.30	112 PKP	27 12.00	2.2	
		1.4s	15.70nm		4.7mb		1.0s	150.00nm		5.9mb	PPD	168.82	193 ePKP	27 12.10	0.7	
	Z	20s	0.30um		4.0Msz			eS	23 38.00		SIV	171.54	126 PKP	27 15.00	2.0	
												S.D. = 1.1	on 111 of 127 obs.			
GTA		36.58	325 iPc	14 11.40	0.4							SEP 30, 1992	23h 28m	17.94± 0.21s		
		1.0s	140.00nm		5.8mb							51.052 N ± 4.9km	177.980 W ± 2.5km			
	Z	18s	1.20um		4.7Msz							DEPTH = 33.0km	(normal)			
	E	12s	1.22um			ASH	65.69	307 eP	17 49.00	-0.7		5.2mb (98 obs.)	4.4Msz (23 obs.)			
						SVE	67.40	327 iP	18 00.00	-0.2		ANDREANOF ISLANDS, ALEUTIAN IS. (7)				
												ML 5.3 (PMR). Felt on Adak.				

ADK	1.16	44	eP	28	38.54	0.6
SMY	5.18	292	(P)	29	38.35	3.2X
PET	14.51	287	eP	31	50.00	7.5X
Z	20s	2.00um				
SVW	15.95	42	eP	32	02.49	1.3
	0.8s	107.37nm				5.0mb
KDC	16.22	56	eP	32	00.22	-4.4X
	0.6s	17.36nm				4.4mb
TTA	16.76	36	eP	32	12.04	0.5
	0.8s	32.63nm				4.5mb
ILT	16.91	359	iPd	32	16.50	3.3X
	2.2s	448.00nm				5.2mb
BGL	17.42	44	eP	32	20.84	1.1
CRP	17.52	44	ePd	32	22.30	1.2
SPU	17.53	45	eP	32	21.73	0.6
SLKM	18.12	48	eP	32	27.23	-1.2
PWA	18.68	45	eP	32	36.50	1.4
	1.0s	164.00nm				5.2mb
IMA	19.47	30	ePc	32	43.33	-1.3
	1.3s	72.15nm				4.8mb
KLU	20.42	47	eP	32	53.52	-1.1
TOA	20.48	45	eP	32	57.00	1.7
FBA	20.89	37	eP	32	57.67	-1.7
	0.8s	26.02nm				4.7mb
BALM	21.99	49	(P)	33	10.10	-0.5
BRW	22.49	18	eP	33	14.46	-0.8
SIT	25.41	60	P	33	50.00	6.4X
Z	19s	1.20um				4.4Msz
YSS	25.86	277	iPd	33	49.20	1.3
	0.9s	30.00nm				4.9mb
Z	18s	0.50um				4.1Msz
E	18s	0.60um				
		e		33	56.00	
		e		34	01.70	
		(S)		38	20.00	
TIK	31.17	331	eP	34	35.00	-0.5
	1.0s	9.00nm				4.5mb
Z	15s	1.50um				4.8MszX
MBC	33.72	22	eP	34	57.50	-0.1
	0.7s	3.00nm				4.3mb
YKA	35.08	46	eP	35	07.50	-2.0
	0.9s	6.50nm				4.6mb
MDJ	35.14	280	eP	35	09.00	-1.2
	0.8s	12.00nm				4.9mb
GMW	35.45	74	eP	35	13.59	0.8
RMW	36.08	73	eP	35	18.92	0.7
		e		35	32.76	
LON	36.41	74	eP	35	21.87	0.9
SHW	36.41	75	(P)	35	21.20	0.1
VGB	37.63	75	eP	35	32.01	0.8
DPW	38.06	71	eP	35	34.65	-0.1
CN2	38.12	282	eP	35	34.50	-0.7
	1.0s	8.60nm				4.6mb
		ePp		35	47.00	47kmX
BOD	38.49	307	eP	35	37.30	-0.9
	1.0s	28.00nm				5.0mb
NEW	38.52	70	iPd	35	38.29	-0.3
	1.0s	65.00nm				5.4mb
LBFM	39.14	82	eP	35	45.32	1.2
SNY	40.34	280	Pc	35	53.80	0.1
	1.2s	31.00nm				4.9mb
ORV	40.41	84	(P)	35	56.78	2.4
SES	41.04	64	ePc	35	58.70	-0.8
	1.0s	42.00nm				5.1mb
CIT	41.13	299	eP	36	00.50	0.3
ARN	41.71	87	eP	36	05.23	0.2
CMB	42.01	85	P	36	20.00	12.4X
Z	21s	0.46um				4.3Msz
LRM	42.50	70	eP	36	11.10	-0.6
TNP	43.97	83	eP	36	23.91	0.2
	1.0s	12.81nm				4.7mb
NR1	44.75	330	iPc	36	27.50	-1.8
	1.0s	18.00nm				4.9mb
Z	14s	800.00um				7.8MszX

SRU	47.50	77	eP	36	51.28	-0.5
ZAK	47.56	302	iPd	36	53.00	1.2
	1.2s	58.00nm				5.5mb
Z	16s	0.69um				4.7Msz
E	16s	0.78um				
TIA	47.72	278	eP	36	52.80	-0.5
	1.2s	17.00nm				4.9mb
Z	21s	0.48um				4.4Msz
HHC	48.28	287	eP	36	57.80	0.1
	1.4s	79.00nm				5.6mb
RSSD	48.41	68	eP	36	57.34	-1.4
	0.8s	7.94nm				4.8mb
Z	21s	0.20um				4.1Msz
		e		37	13.06	
SSE	48.51	270	P	36	55.50	-3.9X
	1.0s	18.00nm				5.1mb
GLA	48.67	86	(P)	36	58.59	-2.1
		e		37	12.74	
BTO	49.36	287	P	37	07.00	1.0
TIY	49.68	283	eP	37	09.10	0.6
Z	24s	0.69um				4.6Msz
		pP		37	22.10	48kmX
GOL	50.28	73	ePc	37	13.80	0.5
	0.9s	22.77nm				5.2mb
Z	19s	0.62um				4.6Msz
TUC	51.70	84	eP	37	22.88	-1.1
	0.9s	4.18nm				4.4mb
ALO	52.66	79	eP	37	30.70	-0.5
	1.0s	4.22nm				4.4mb
Z	19s	0.27um				4.3Msz
WHN	53.19	275	Pc	37	34.00	-1.0
	1.0s	18.00nm				5.0mb
		pP		37	47.00	47kmX
XAN	54.23	282	P	37	41.70	-0.9
	1.0s	11.00nm				4.8mb
		pP		37	54.50	46kmX
LZH	55.97	287	Pc	37	55.00	-0.4
	1.5s	75.00nm				5.5mb
Z	24s	0.53um				4.5Msz
E	15s	0.46um				
		pP		38	03.00	26kmX
		sP		38	08.50	
GTA	56.17	292	P	37	56.50	-0.2
	1.5s	100.00nm				5.6mb
Z	20s	0.87um				4.8Msz
JAQ	56.98	44	eP	38	00.00	-2.2
JFWS	57.00	61	ePd	38	01.00	-1.4
	0.9s	39.67nm				5.4mb
Z	19s	0.41um				4.5Msz
SLM	59.88	65	P	38	30.00	7.4X
Z	18s	0.27um				4.4Msz
WMO	59.95	304	P	38	22.50	-0.6
	1.0s	21.00nm				5.2mb
Z	20s	1.07um				5.0Msz
		pP		38	36.00	48kmX
		sP		38	43.20	
		eS		46	30.00	
FVM	60.22	65	eP	38	22.85	-2.1
	0.8s	23.86nm				5.4mb
Z	18s	0.54um				4.7Msz
EEO	60.34	52	eP	38	27.50	1.8
UYO	60.49	71	iPd	38	25.10	-1.7
MIAR	60.75	70	eP	38	26.95	-1.6
	1.0s	13.38nm				5.0mb
Z	18s	0.18um				4.2Msz
GYA	60.87	277	P	38	28.40	-1.2
OLY	61.33	68	eP	38	30.49	-2.0
SVE	62.16	328	iPc	38	37.00	-0.8
	1.1s	80.00nm				5.8mb
Z	17s	0.50um				4.7Msz
N	19s	0.50um				
E	19s	0.40um				
		e		39	14.30	
ARU	63.16	329	iPc	38	43.50	-0.9
	1.2s	120.00nm				5.9mb
Z	18s	0.50um				4.7Msz
N	18s	0.50um				
		e		38	58.50	
		e		39	18.00	
RSNY	64.07	51	P	39	00.00	9.5X
Z	19s	0.39um				4.6Msz
GBTN	65.39	63	iPc	38	57.87	-1.3
KAF	65.54	348	iP	38	57.90	-1.8
	0.6s	7.50nm				5.0mb
NAV	66.09	60	ePc	39	03.16	-0.6
HRV	67.03	50	P	39	20.00	10.4X
Z	18s	0.45um				4.7Msz

NUR	67.31	348	iP	39	09.30	-1.7
	1.2s		50.60nm			5.5mb
PRM	67.58	63	eP	39	12.28	-0.9
LMN	67.60	44	ePd	39	14.90	1.8
NB2	68.02	355	P	39	14.00	-1.5
	1.0s		21.40nm			5.2mb
LSA	68.04	290	P	39	17.90	1.3
JSC	68.06	62	eP	39	15.64	-0.5
CEH	68.07	60	eP	39	15.50	-0.6
	0.8s		25.54nm			5.4mb
	19s		0.37um			4.6Msz
UPP	68.73	352	iP	39	18.90	-0.9
	1.1s		100.00nm			5.8mb
HFS	68.77	354	eP	39	18.20	-1.9
	1.1s		24.10nm			5.2mb
	17s		0.15um			4.3Msz
			LR	05	05.00	
KSH	69.15	307	P	39	23.50	0.5
	0.9s		30.00nm			5.4mb
MOS	69.55	339	iPc	39	25.00	0.1
	1.5s		100.00nm			5.7mb
OBN	70.36	340	ePc	39	29.00	-0.9
	1.1s		80.00nm			5.7mb
			e	39	35.00	
			e	39	45.00	
SHL	70.64	287	iP	39	31.50	-0.8
			eS	48	45.50	
CHG	71.29	277	eP	39	35.20	-0.9
BDT	72.43	276	eP	39	41.00	-1.8
GUN	72.46	293	Pc	39	43.74	0.4
KKN	72.90	293	Pc	39	46.04	0.3
PKI	72.98	293	Pc	39	46.44	0.0
GKN	73.11	294	Pc	39	47.02	0.1
DMN	73.13	293	Pc	39	47.56	0.3
MNK	73.25	345	eP	39	41.00	-6.1X
EKA	73.90	3	Pd	39	50.90	0.1
	0.8s		24.20nm			5.2mb
DMU	75.15	5	iPd	39	58.10	0.0
	0.8s		95.00nm			5.8mb
DCN	75.68	6	iPd	40	01.00	-0.1
	0.8s		71.00nm			5.7mb
DLF	75.78	5	iPd	40	01.80	0.1
	1.0s		220.00nm			6.1mb
ETA	76.39	5	eP	40	05.40	0.3
	1.0s		128.00nm			5.9mb
WIT	76.44	357	eP	40	06.50	1.2
ECB	76.69	6	eP	40	06.80	0.0
	1.1s		73.00nm			5.6mb
NDI	76.78	299	iPc	40	08.00	0.3
ECP	76.90	5	eP	40	07.90	0.0
	1.0s		128.00nm			5.9mb
WTS	77.25	357	ePc	40	10.00	0.1
	0.9s		29.00nm			5.3mb
CLL	77.59	353	iPd	40	11.40	-0.4
KSP	77.76	351	eP	40	12.50	-0.3
BRG	77.95	352	iP	40	13.00	-0.8
	1.0s		20.00nm			5.1mb
			i	40	21.40	
OJC	77.98	348	eP	40	14.00	0.0
BNS	78.27	357	iPd	40	16.00	0.5
MOX	78.35	354	eP	40	15.60	-0.4
	1.3s		23.00nm			5.0mb
ENN	78.50	357	ePc	40	16.50	-0.3
	0.9s		52.00nm			5.5mb
ASH	78.56	318	eP	40	18.00	0.6
GRO	78.61	329	iPd	40	18.00	0.5
	1.0s		160.00nm			6.0mb
PRU	78.77	352	Pc	40	18.00	-0.3
	1.0s		9.20nm			4.7mb
SNF	78.80	359	Pd	40	18.90	0.5
PYA	78.82	331	iPc	40	19.00	0.3
			i	40	32.00	
SPC	78.93	348	eP	40	20.30	0.8
UZH	79.19	346	eP	40	20.00	-0.6
	1.0s		31.00nm			5.3mb
			e	40	28.20	
DOU	79.21	358	Pd	40	20.90	0.2
VRAC	79.24	350	iPc	40	21.00	0.1
	1.2s		75.40nm			5.6mb
GRF	79.33	354	ePc	40	21.70	0.3
	1.1s		44.00nm			5.4mb
	19s		0.10um			4.2Msz
MAIO	79.45	316	eP	40	23.00	0.6
WLF	79.60	357	P	40	24.00	1.2
KHC	79.71	352	iPc	40	24.10	0.6
	1.0s		10.50nm			4.8mb
			e	40	31.00	

MTA 80.38 329 iPc 40 26.80 -0.3
 FLN 80.54 2 iPc 40 27.70 -0.2
 1.1s 51.55nm 5.4mb
 Z 19s 0.10um 4.2Msz
 LDF 80.72 1 iPc 40 28.60 -0.2
 1.0s 68.40nm 5.6mb
 GRR 80.91 2 iPc 40 29.90 0.1
 0.9s 52.75nm 5.5mb
 HAU 81.25 357 iPc 40 31.70 0.0
 1.0s 22.20nm 5.1mb
 LPF 81.26 2 iPc 40 32.00 0.4
 1.1s 48.35nm 5.4mb
 SLE 81.41 356 ePc 40 32.30 -0.2
 BSF 81.41 357 iPc 40 32.40 -0.2
 1.1s 22.45nm 5.1mb
 ZLA 81.69 356 ePc 40 33.90 -0.1
 WTTA 81.72 353 iPc 40 34.50 0.2
 0.7s 17.00nm 5.2mb
 KBA 81.77 352 iPc 40 35.00 0.5
 0.7s 41.00nm 5.6mb
 ERE 81.84 328 iPc 40 36.00 1.1
 1.0s 10.00nm 4.8mb
 LOR 82.05 359 iPc 40 35.90 0.1
 1.2s 37.20nm 5.3mb
 Z 19s 0.10um 4.2Msz
 WB2 82.13 225 eP 40 35.80 -0.7
 0.8s 3.40nm 4.4mb
 WRA 82.14 225 P 40 36.29 -0.2
 SSF 82.26 359 iPc 40 37.20 0.3
 1.1s 29.05nm 5.2mb
 LLS 82.28 355 ePc 40 37.60 0.4
 LBF 82.33 359 iPc 40 37.30 0.0
 1.1s 22.20nm 5.1mb
 OSS 82.39 354 eP 40 38.10 0.3
 AVF 82.53 359 iPc 40 38.60 0.3
 1.0s 24.00nm 5.2mb
 VDL 82.63 355 ePc 40 39.60 0.5
 SMF 82.67 359 iPc 40 39.20 0.2
 1.1s 48.35nm 5.5mb
 PTJ 82.68 350 eP 40 39.00 -0.2
 MFF 82.71 2 iPc 40 39.70 0.5
 1.0s 45.20nm 5.5mb
 BGF 82.77 359 iPc 40 39.70 0.2
 1.1s 21.75nm 5.1mb
 TCF 83.04 360 iPc 40 41.20 0.2
 0.9s 13.75nm 5.1mb
 TMA 83.04 355 ePc 40 41.40 0.2
 LSF 83.08 0 iPc 40 41.40 0.3
 1.0s 34.40nm 5.4mb
 MAF 83.11 360 iPc 40 41.80 0.5
 1.0s 21.20nm 5.2mb
 TAB 83.12 326 eP 40 42.00 0.3
 DIX 83.14 356 ePc 40 42.60 0.8
 MMK 83.14 356 ePc 40 42.70 0.9
 VBY 83.15 351 eP 40 41.40 -0.1
 LPL 83.73 357 iPc 40 45.80 1.0
 1.0s 6.00nm 4.7mb
 LSD 83.77 356 P 40 46.04 1.0
 RJF 84.02 0 iPc 40 46.00 0.0
 1.1s 32.70nm 5.4mb
 Z 20s 0.08um 4.1Msz
 RSP 84.07 356 P 40 46.65 0.3
 BNI 84.19 357 P 40 48.20 1.2
 RRL 84.32 357 P 40 49.01 1.2
 BOB 84.35 355 P 40 48.40 0.7
 BHB 84.38 356 P 40 47.68 -0.1
 LFF 84.38 1 iPc 40 48.40 0.7
 1.2s 76.75nm 5.8mb
 CAF 84.40 360 iPc 40 48.60 0.7
 1.2s 44.05nm 5.5mb
 PCP 84.62 355 P 40 48.60 -0.4
 LPO 84.64 1 iPc 40 49.00 -0.1
 1.0s 50.00nm 5.7mb
 PZZ 84.72 356 P 40 49.21 -0.5
 PLE 84.79 347 iPc 40 51.05 1.0
 HYB 84.81 291 eP 40 50.50 0.1
 1.0s 41.04.00
 MME 84.84 354 P 40 51.30 0.9
 ROB 84.90 356 P 40 49.73 -0.7
 FIN 84.97 356 P 40 50.03 -0.7
 RSM 84.97 352 P 40 51.10 0.4
 STV 84.97 356 P 40 49.32 -1.5
 ENR 84.99 356 P 40 49.32 -1.6
 SFI 85.02 353 P 40 52.20 1.3
 PGD 85.08 353 P 40 52.60 1.1
 IVA 85.17 347 iPc 40 52.45 0.6
 IMI 85.28 356 P 40 51.68 -0.7

CRE 85.31 353 P 40 53.20 0.6
 PII 85.32 354 P 40 51.70 -0.7
 BRY 85.33 348 iPc 40 52.55 -0.2
 NKY 85.35 348 iPc 40 52.68 -0.2
 PVY 85.43 347 iPc 40 53.25 0.0
 ASPA 85.60 223 eP 40 53.90 -0.1
 1.0s 5.80nm 4.8mb
 CDR 85.60 357 ePc 40 54.30 0.4
 FRF 85.68 357 iPc 40 54.60 0.3
 1.1s 26.60nm 5.4mb
 TTG 85.69 347 iPc 40 54.36 0.0
 LRG 85.80 357 iPc 40 55.50 0.6
 1.1s 27.35nm 5.4mb
 Z 20s 0.08um 4.1Msz
 ASS 85.80 352 P 40 55.40 0.4
 SKO 85.82 346 iP 40 56.10 1.1
 1.0s 60.00nm 5.8mb
 LMR 85.91 357 iPc 40 55.90 0.5
 1.2s 42.25nm 5.5mb
 KER 86.16 324 eP 41 03.00 6.0X
 VAY 86.27 345 eP 40 58.00 0.7
 EPF 86.29 1 iPc 40 57.20 -0.2
 1.2s 15.75nm 5.1mb
 AQU 86.45 352 P 40 58.60 0.4
 MNS 86.48 352 P 40 57.90 -0.4
 PGF 86.58 355 iPc 40 59.10 0.2
 1.0s 57.60nm 5.8mb
 AZI 86.81 352 P 41 00.50 0.7
 DUI 87.03 351 P 41 01.80 0.7
 MGR 88.42 350 P 41 07.20 -0.5
 GBA 88.47 290 P 41 08.00 -0.2
 TOL 89.29 5 eP 41 11.50 -0.4
 STKA 89.93 213 iPd 41 15.50 0.9
 epP 41 28.40 43kmX
 STK 89.94 213 P 41 16.60 2.0
 SOI 90.40 349 P 41 15.80 -1.2
 MAW 146.54 217 iPKPc 47 55.20 0.9
 0.9s 20.00nm
 SLR 147.72 312 iPKPc 48 00.20 2.4X
 1.0s 20.00nm
 WIN 149.24 332 iPKPc 48 04.50 4.2X
 0.7s 61.64nm
 BLF 151.56 311 ePKP 48 03.50 -0.1
 S.D. = 0.9 on 209 of 223 obs.
 % SEP 30, 1992 23h 52m 13.38± 1.20s
 10.627 N ± 13.4km 62.514 W ± 8.6km
 DEPTH = 75.2 ± 34.5 km
 NEAR COAST OF VENEZUELA (97)
 MD 3.1 (TRN).
 TCE 0.75 85 iP 52 29.16 -0.3
 eS 52 39.67
 TPP 1.09 106 eP 52 33.95 0.4
 eS 52 48.57
 TRN 1.09 89 iP 52 33.44 -0.1
 eS 52 47.62
 TBH 1.43 96 eP 52 38.13 0.1
 eS 52 55.63
 PIG 1.73 72 eP 52 42.21 0.2
 eS 53 01.75
 GRW 1.74 29 eP 52 42.51 0.3
 eS 53 01.68
 TPR 1.79 72 eP 52 42.84 -0.1
 eS 53 02.54
 BOT 1.84 73 eP 52 42.93 -0.6
 GUAN 3.16 258 iP 53 01.80 -0.1
 S.D. = 0.4 on 9 of 9 obs.
 SEP 30, 1992 23h 57m 19.73± 0.71s
 40.497 N ± 5.7km 23.483 E ± 6.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 2.1 (THE).
 SOH 0.34 343 ePgc 57 26.21 -0.5
 eSg 57 31.06
 THE 0.42 289 ePg 57 27.02 -1.2
 eSg 57 32.26
 PAIG 0.59 165 ePgc 57 30.74 -0.9
 eSg 57 39.62
 SRS 0.62 8 ePg 57 31.22 -1.1
 eSg 57 40.66
 LIT 0.86 243 ePg 57 36.06 -0.2
 eSg 57 45.82
 GRG 0.94 300 ePg 57 37.82 0.1

eSg 57 51.30
 VAY 1.08 320 iPn 57 41.00 1.1
 FNA 1.63 281 ePb 57 50.18 1.6
 eSb 58 12.58
 AGG 1.72 211 ePb 57 50.10 0.2
 eSb 58 12.90
 ALN 1.99 78 ePn 57 54.78 1.0
 S.D. = 1.1 on 10 of 10 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				
AAA																																		
AAE		X	XX					X		XX	X	XX	XX		X				X							X		XX	XX		XX			
AAI			XXXX										XXXX			XXXXXX				X	XXX	X				XX	XX	XXXX	X	XXXX				
ABA		X	X		X		XX	XX	X		X		X	X	XX	X			XX	X	X							X	XXX	X	X			
ABH			X	X				X	X	X	X		XX				X				XXX							XX		X				
ABHA							X		X		X	X	X									X	X	XX			X	XX		X				
ABL		XXXXXXXX	X	XXXX	X	XXXX	X	XXXXXXXXXX	XXXX	XXX	X	XXX	XXXXX	X	XX	X		XXXXX	XX	XXX	XX	XXX	XXXX		X	XX		X	XXXXX	XXX				
ACO		XXXXXXXXXXXX			X	X	XXXXXX			X																								
ACR		X	X						XXX	X	X				X														X		X			
ACTO		XXX	X			X	X	XX			X			X	X	X	XX					XX	X					XX	X		XX			
ACU		X	X	X				X		X		X			X						XX	X				X								
ACX		X	XXXX	X	X	X	XX	X	XX		XX		XXXX	XXX	X		XXX	XX	XXX		X	X			X	X	XXXX	X	XXX	XXX	XXX			
ADAT		XX	X		X		XX		XX		XX		XXX			X		X					X		X	X	XXXX	X		X	X			
ADE		X	X			X		X		XX		X			X	XX									X	X	XX	X	X	XX				
ADK		XX	XXXX	X	X	XX		X	X	XX		XXXXXXXX		X	X		XXX	X	XX					X	X	X		X	X	XX	XXXX			
AFR		X	X			X	X			X	X		X	X		X	X				XX			X	X		X	X	X	X				
AGG		XXXXXXXX	XXXX	XXXX	X	XXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXX	X	X		X	XX	XX	XXXX	X			XXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX				
AGO					X			X	X	XX		X	X		X											X		XX		XX				
AGX		X	X	X									X	X		X	X				X			X					X		XX			
AIA		XXXX	X	XXXX			X	X	X	XX		XXX	XXXXX	XXXXXX	X	X	XX	X			XXXX	XXX	X		X	X	X	XX	XX	X	X	XX		
AKKT								X	X						X									X	XX	X		X	X	X	XX			
AKU		XX			X			X		X	X	X			X	XX								XXX			X	X	XX	X	XX			
AKUR		X	X					X		XX	X	XX																						
ALJ		X							X		X	X					X	X																
ALN		XX	XX		XX			X	X	XX	XX	X	X		XXX	X	XX		XX					X	X	X	XXXXXXXXXXXX	XXXX	X	XX	XXXXXXXX			
ALO		XX	XXXXXXXXXXXX		XXXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	X	XXXXXXXXXX	XXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	XXXXXXXX	XXX	X	XX	XXX	X		
ALT		X	XXX	XX		X		X	X	X	XX				X	XXX	X	X	X	X		XX			X	X	XXX	XX	XXX	X	X	X		
ANM		X	X		X				X	X	X		X		XX	X										X	X	X	X	XX	XX			
ANN											X	XXX			X											X	X	X	X	XXX	X	XX		
ANT		X	XXXX	X	XXXX			X		X	XXX	X	XXX	X	XXXX			X	X					X	X	X	XXX	X	X	XXX	XX	X	XX	X
AOMJ		X	XX		X	X	X		X	X		X	XX		X	XX	X		X	X			XX			X			XXX		XX			
APA											X	XXX	X		X		X	X	X	X		X	X	X	X	X	X	X	XX	X	XX	X		
APR		X	XXX		X	X	XX	X		X	X		X	XXX	X	X	XXX	X	X	XX		X		X	X	X		X	XX	X	XXX			
AQU		X	X			XXX	X	X		XX	X	XXXXXX	X	XX	XX	XX		X	X	X	X	X	X		XXX	X	X	X	X	XX		XX	X	
ARAB					X	X		XX		X	X	X	XXX	X		X	X	XXX	X		XX	X	X		X	X	XXX	XXX	X		X	XXX		
ARE		XXXX		X	XX	XXXX		X	X	XX		X	XXXX	X	X	XXXXXXXX	X	X	XX	XX		X		X	X	X	XXX	X	X	XX	XX	XX		
ARMA		X	XXXX	X	XXX	X		X	X		XX	X	XXX	XX	X	X	X	XX	X		X			X	XXX	X	XX	X	X	XXXX	XX	XX	XXX	
ARN		XX	XXXX	XX	X	X	X	XX	X	X	XXXX	XXX	XXXX	XXX	X	XXXX	XXXXXXXXXX													XX	XXX	X		
ARO		X	XX					X		X	X					X																		
ARTJ								XX		X					X	X																		
ARU											X	XXX	XXX	XX	XXXX	XX	XX	X	XX	X	X	X	X	X	X	XXX	XX	XX	XX	XX	XX	XX	XX	
ARUT		XXXXXXXXXX	XXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX		
ARV		X	X	X		X	X	XX	X	XX	XXX	XXX		X	X	XX		XXX	X	XX		XX		XXX		XXX	X	XX	X	X	XX	XXX		
ASAJ		X	XX		X	X	X	X	X	XX	XX	X	XXXX	X	XXXX	XXXX	XX	X		X	X	X	XX		X	X	X	X	X	XXXX	XXXX			
ASH										X	XXX	X		X	XXX	XX		XX	X	X	X	X	X		X	X	XX	XX	X	XX	XX	X		
ASK		XX	XX	X				XX	XX						X	X	X	X	XX				X	X	X	X	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		
BCK	x	xxxx						xxx		xxxx	x	xx				xx	x		xxx			x	x	xxx		xx	x	x	x	x	x	
BCP			xx	-		x			x	x	xx	xx	x			xxx	xxx	x			xx			x	x	x		x	x	x	xx	
BCPM			x	x				x				xx	xx	x		x		x			x											
BDF	xxxxxxxxxxxx	xx	xxxxxx	x	xxx	xx	xxxx	xxxxxxxx	xx	x	xxx	xxxxxxxxxx	x	xxx	x	x		xxx	x		xxx	x		xx	xx	xxx	x	xxx	xxx	xxx		
BDI							xx	x	xx	x		xx	xxx	x																		
BDT	x	x	xxxxxxxx		xx	xxxxx	xxxxx	xxxxx	xxxxx	xxx	x	xx	xxxx	xxxx	xxx	xxxxxxxxxxxx	xx	xxxxxxxxxxxx		xxxxxxxxxxxx		xxxxxxxxxxxx		xxxxxxxx	x	x	x	x	x	x	x	
BDV	xxx	x		x	xx	x	x	xx	xx	x		x		x	x	xxxx	x		x	x	x	x	xx	xxx	xxx	xxx	xxx	x	xx	x	xxx	
BERA	xxxx	x	x	x	x			xx	xxxxxx	x		x	x	x	x			x	xx	xx	xxx									xxx		
BFD								x	x	xx	x																					
BGF	xx	xxxx	x	x		x	x	xx	x	xxx	xx	xxxxxxxx		xxxx	xx	x	xxxxxxxx	xxxxx	xxx	x	xxxxx		x	xx	x	xxxxx	xxxxxx	xxxxxx	xxxxxx	x	x	
BGL	x	x		x	x		x	xxxxx	x	x	xxx		xxx	x	x	xx	x	x	x		xxx	x	x	xx	x	xxx	xx	x	xx	xxxx	xxxx	
BGM				x	x			xxxx	x	x		xxx																				
BGR	x	x																			xxx	x	x	x	xx	x	xx	xx	x	x	x	
BHB	x	x		x	x	x	x	xx		xx		xx	x	xxxx	x	xx	xxxxxx	x	xxx	xx	xxxx	x		xxx	xxx	x	x	xx	x	xxx	xxxx	
BHG	x	x						x		x	xx	xxx	x		x	xx		xx	x	xx		x	x	x	xx		x	x	xx	x	xx	
BHL	x	x		x		x	x	x	x	xxxxxx	xxx	x		xx	x	x					x	x	xx	xx	x	xx	x	x	xx	xx	xx	
BIM	x	xx		x	x		x	xx	xx		x	x		xx		xxxx					x	x	x		xx	xx				xx	xx	
BIP	xxxxxxxxxx	xxxxxxxx	xxxxxxxxxx	xxx	xx	xxxxxxxxxx	xxx	xx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxx	xxxxxxxxxx	xxxxxxxxxx	xxxxx	xx	xxxxxxxxxx	xxxxx	xxxxx	
BJI	xxxxxxxxxx	xxxxxxxxxx	x	xxxxx	xxxxx	xxxxxxxxxx	x	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxxxxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	
BKG	x	x		x	x		x	xxxx	x	x	xxx	x	xxx	x		x	xx	x	x	x	xxx	x	x	xx	x	xxx	xx	xx	xx	xx	x	
BKM	x	xx	x	x	xx	xx	xxxx	xx	xx	xxxxxxxx	xxxxxxxx	x	x	x							xxxxxx	xxx		x	x	xx	x	xx	xxx	xx	xx	
BKS	xx	x					x		x	xx	x	x	xxx	x	x	x	x		x	x			x	xx				x	x	x	xx	
BLA	x	xxxx	x	x		x	x		x	x	x	x	x	x	x	x												x	x	x	xxx	
BLF	xx						x		x	x	xxx	x	x	xxx	xx	x					x		x	x	x	xx	x	x	x	xx	xxx	
BMA	xxxx	x					x		x												x										xx	
BMG	x						x	x	x	x	x	x																		xx	xx	
BMW	xx	xxxx	x		x	x	xxxxxx	xxxxxxxx	x	x	x	x	xxxx	x	xxx	xxx	x				x		x	x		xx		x	xxx	xx	xx	
BNH	xxxx						x	x	xx	x	x	x	x	x	x													x	x	x	xxx	
BNI	x	xx	xx	x		xx	x		xx	xxxx	xxx	x	x	xxx	xx						x	xx	x	xx	x	x	xx	x	x	xx	xx	
BNS	x	xxxx					x	x		x	xx	xx	xxx															x	xx	xx	xx	
BNT	xxxx	xx	xx	xxxxxx	x	xxxxxx	xxx	x	xxx	xxx	xxx	xx	xxx								xx	xxxx	xx	xxx	xx	xxx	xxxxxxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	
BOB	x	x				x		xx		xx	x	xxxxxx	x	x	xxx	xx	x	x		x	x	xxx	x	xxx		x	x	x	xxx	xxx	xxx	
BOD												xxx	xxx	xx	xxxx	xx	xx	x	xx		x	xx	x	xxx	xx	x	xx	xxxx	xx	x	xx	
BOG		xxxx	xx	x		x	x	xx	x	xxx	xxx	x	x	x	xxx	xx	xxxx	xx		xx		xx	x	x		x	x	x	xxx	xxx	xxx	
BOM	x	xx								xx	x																			x	xxx	
BONR	xx	xxxxxxxxxx	xxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxxxxxx	
BPA	xxxx						x		xx	x		xx	x	x	xx	x												x	x	xx	xxx	
BRG	xxx	xxxxxx	xxxx	xxxx	xx	xxx	xxxxx	xx	xxxx	xxxxxxxxxx	xx	xxxxxx	xxxxxxxxxx	xx	xxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx
BRLK							xxxxxx	x	x		xx										x		x		x						xx	
BRN	x	xx								xx	xxxx																				xx	
BRNL	x	x								xx	xxxx																				xx	
BRS										x	xx	xxx	x	x	xxx	xx	xx	x	x	xxxx	xx	x	x	xxx	x	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx
BRT	x	x								x	xx	x																			xxx	
BRW																															xxx	
BRY	xxxx	x		x		x	x	xx	xx	xx	x	x		x	x	xxxx	x	x	x	x	x	x	xx	xxx	xxx	xxx	xxx	xxx	xx	x	xxx	
BSD																														xx	xxx	
BSF	xx	xxxxx		xxx	x	xx	xx	xxx	xx	xxxxxxxxxx	xxxx	xx	xxxxxxxxxx	x	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxx
BSI																															xx	
BTO	xxxxxxxxxx	x	xxxx	x	x	xxxxx	xxx	xxxxxxxxxx	xxx	xxxxxx	xxx	x	xx	x	xxx	xxx	xx	x	xx	xxxxxxxxxx	x	xxx	x	xxxxxxxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx	xxxxx
BUC										x	xxxx	x																			xx	
BUC1	x	xx								x	x	x																			xx	
BUL	xx	xxxxxxxx	x	xx		x	xxxxxxxxxxxxxx	xxxxxx	xxxxxx	xxxxxx	x	x	xxxxxxxxxx	xxx	xx	x	x	x	x	xx		xxx			xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxx
BURJ										xxx																					xx	
BW06	x	xxxxxxxxxxxx	xx	xxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxx	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	
BWA	x	xx	x	x		x	xxx	x	x	xxxx	xxx	xx	x	x	xx	x															xx	
BZS										xx	x	xx	xx	x	xx																xx	
CACH	x	xx	x	x		xx	x	xxxx	x	xx	xx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	
CAF	x	xxxxx	x	xxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxxxxxxxxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	
CAN	x	xx	x	x		x	xxx	x	x	xxxxxxxxxx	xx		x	xx	x																xx	
CAO																															xx	
CAR																															xx	
CAW	x																													xx		
CBM																														xx		
CBN																														xx		
CCB	x	x																												xx		
CCH	xxxxxxxxxx	xxxx	x	xxxxxxxxxx	x	xx	x	xxx	x	xx	xxxxxxxxxxxxxxxxxx	xxxx	x	xxxx																xx		
CCM	xx																													xx		
CD2	xxxxxx	x	xxxx	x	x	xxx	x	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	xxxxxx	
CDD																														xx		
CDF	xx	xxxxx		xxx	x	xxxxx	xxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	xxxxxxxxxxxxxx	xxxxxxxxxx	
CDR																														xx		
CEH	xxxxxxxxxx	xxxx	xx	xxxxxx	xx	xx	xxxxxx	xx	xx	xxxxxx	x	xx	x	xxx	xx	xxx	x	xx	xxxx	x	x	xxx	x	x	xxxxxx	x	xx	xxxx	xxxx	xxxx	xxxx	
CEOS	</																															

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		
CHCH	x	xx	x	x	x		xx	x	xxxx	x		xx	xx	xx	xxxx	x	xxx	xx	x		x	xx		xxx	xxxxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxx	xxxx	x		
CHG	xxx	xxxxxxxxxxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	
CHJ	x	xx		xx	x	x		x	xxx	x	xx	xxxxx	xx	xxx	x	xx		x	xx		xx	x		x	x	xx	xxxx	xxxx	xxxx	xxxx		
CIN	xxxx	xxxxxxxxxxxx	xx	x	xx	xx	x		xxxxxxxxxxxxxxxx	xxxxxxxxxxxx							x	xxxxxxxxxx	xxx	xxxxxx	xx	xx	x	xxxx	xxxxxxxxxxxxxxxx							
CIT							x				x	xxx	x		xxx	xx	xx	x	xx		x			x	xxx	x	xxx	x	xx	x	xx	
CKI		x		x			x	xx		xx	xxxxx	x	x		xx	x	xx	x														
CKL		x	x		x	x		x	xxxxx	x	xxx	x	xxx	x	x	xx	x		x	x		xxx	x	x	xx	x	x	xx	xx	x	x	
CKN		x	x					xx	x	x		x	xxx	x							xxx	x	x		x	xx		xx	xx	x	x	
CKT																				xxx	x	x		x	xx		xx	xx	x	x		
CLI	xx	xx						x	xxx	x	xx	xx		x	x	xxx					x		x	x	xx	x		xx	x	xx		
CLL	x	xxxxxx	xxxx	x	x	xx	xx	xxx	x	xxxxxxxx	xxxxxxxxxxxx	xxxx	xx	xxxxxxxx	xxxxxx	x	xxx	xx	x	xxxxxx	x	xxxxxx	x	xxxxxxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	xxxxxxxx	
CLLP	xxxxxx	x	x	x	xx	x		x	xx		x	x	xxx	x	xx	xxxxx	x	x	xx		x	x		x	x	x	x	x	xx	xx	x	
CMB	xx									xxxx	xxx	xx	xxxx	xxxx	xxxxxxxx	x	xxx	xxxx	xx	x	xxxxxxxx	x	xxxx	x	x	xx	xx	xx	xx	xx	xx	
CMS	x	xxxx	x	xx	xx	xxxx	xx		xx	x	xxx	x	x	x	x	x		xxx		x	xx	x	xx	x	x	xx	xx	xx	xx	xx	xx	
CN2	xx	xxxxx		xxx	x	x	x	x	xxx		xxxxxxxx	xxx	xxxxxxxx	xxxx	xx	xxxxxxxx	x	xx	xx		xx	x	xx	x	xxxx	xxxx	xxxx	x	x	xxxx		
CNB	x	xxxxx	x	xx	x		x	x		xxx	xxx	xx			x					xx	x		xxx	xxxx		xxx	x	xx	x	xx	x	
CNCB	xxx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx		
CNIL		x									x	x								x			x					xx	x			
CNPM		x		x	xx		x	xxxxx	x	x	xxx	x	xxx	x		xx	x	x	x													
CNS		x	x		x	xx	xx				x	x	xx	xx		x					x			x					x	xxx	x	
COLF	x			x				xx	x	x		x	xx								x						x	x	x	xx		
COLM		xxxxxxx	x	x		xx	xxxx	xxx		xxx	x	x	x	xxxx	x	x	x	x		x	x											
COOL	x	xxxx	x	x	xx		x	x	xx	xx			x	x	x	xx	x		x		xx	x		x	x	xx	x	x	xx	x	x	
COP	x	xx																			x									xx		
COZ							xx	x	x	xxxx	xxx	x		xxx				x	xx		x	x	xxxxx						x	xx	x	
CPB		x									x	x				x	x												xx	xxx		
CPD		xxxxx		x	x	xx	x		x	xx	x		x	x	xxx	x	xx	x		x	xx						x	x	x	xx	x	
CPKM	x	xxxx	x	xxxx	x		x	xxxxxxxx	xxxxxxxxxxx	x	xxx	x	x	xxxxx	xxx					xxx	x		x	xxxxxx	xxxxxx	x	xx	xx				
CRE	x	xx	x			x	x	x	xxxx	x	xx	xxx	xxx	x	x	xx	x	xx		x	xx			xx	xxxxxx	xxxxx	xxx	x	x	xxxx		
CRM	x	xx		x	x	x		xx	x				x		xxxx								xx	xx					xx	xx	x	
CRP	xx	xxxx		x	xxx	x	xx	xxxxxxxx	xxxxxxxxxxx	xxxxxx	x	x		xxxxx	xxxx	x	x			xxx	x	x		xxxxxx	xxxxx	x	xx	xxxx	xxxxx	xxxxx		
CRPM								x	xxx											xxx	x			x	xx		x	x				
CROM				x	x		x	xx	x	x		x	xx	xx		x		x	xxx		xx	x										
CRZF	x	x	x				x	xx	x	x	xx	x	x	x		x	x			x				x	x	x	x	xxx		xx		
CSS	x	xx	xxxxx	x	xxx	xx	x	xxxxx	xxxxxxxxxxxxx	xxxxxx	xxx	x	xxxx	xxx	x	x	x		xx	x	x	x	xxxx	x	xx	xx	xx	x	x	xxxxx		
CSTJ		x				x	x	x		xx	x	x	x							x									x			
CSY		x	x			x									xx					xx						x	x	xx		x	x	
CTA	x	xx	x			x		x	x		xxxxxx	xxxxxx	x	x	xxxx	xx	xxxxxxxxxx	xxxxxx		xxxxx	x	xx	xx	xx	xx	xx	xx	xx	xx	xx	xx	
CTGM				x	x		x	xxx	x		xx	x	xx	xx	x	x			x	xxx				x	xxx			x	x	xx	xx	
CTI											x																					
CTK	x											x	xxx	x		x	xx	xx	x	x		x		x	xxx			x	x	x	xx	
CTT	x	x	x	xx		xx	xx	xx	xxxxx	xxx	xx	x		x	xx	x	x															
CUM		xx	x			x	x	x		x			x				xx	x														
CUT		x	x					x	x	x	xxx	x	xx	x																		
CVA		x				x	xx	xx	x	x	xx																					
CVO						x				xx	xx	xx	x		x	x	xx	x		x	x		xx	xx	xxx	x	x		x	xxxx		
CVP	xx	xxxx			x	xx		x	xxxx	xx	xxxxxx	xx	xxxxxx	xxxxxx	xxxxxx	xxxx	xx	xxxxxx	xx		xxxxxx	xx	xxxxxx	xx	xxxxxx	xx	xx	xxx	xx	x	xxxxx	
CVT										x	x	x	x		x	x	x						x				xxx			xx		
CYA	x	x			x	x	xxxxx		x	x	x	xxxx	x	x	x	x	xxx	x		xx	xxxxxx	xx	x	x	xx	x	x	xx	xx	x	x	
CYK				x	x		x	xx				xx	x	x				x	xxx										x		x	
DAG	x													x	xx	xx	x	xx	xxxx	x		xx	xx	xxxxxxxx	x	x	xxx	xxxx	xx	x	xxxxxx	
DAU	xx	xxxxxxx	x	xx	x	xx	xxxxxxxxxx	xxxxxxxxxxxx	xxxxxx	xxx	x	xxxx	xxxxxxxxxxxxxx		xx	x	xxxxx		xx	x	xxxxx	x	x	xxxx	x	x	xxx	x	xx	x	xxxxx	
DAV		x	xx	x			x		xx	xxxx	x			x	xx																	
DBN		xx						x	xx	x			x																			
DCN	xx	xx																														
DDM												xx	x																			
DEG	xxxxxxx			x	xxx	x		xxxx		x	x	x		x	xxx	x	xxx			x	xxx	x	xx	xxx	xx			xx	xxx	xx	x	
DEV		x	x	x				x	x	x	xx				x	x																
DFR		x	x		x			x	xxxxx	x	x	x		xxx	x		x	xx	x	x	x	x	xxx	x	x	xx	x	x	xx	x	x	
DHR		x	x			x		x	x	xx	xx	xxx	x			x				x									xx		x	
DIM					x			x	x	x			x																x		x	
DIX		x	xx					x	xx	xxx	xxx	x			x	xx	x		x	x	x	xx	x	xx	xx		x		x	xxx	xx	x
DJE				x				x	x		xx	x			x						xx	x	x	x	xx	xx		x		x	x	
DL2		x	x	x		xx		x		xxx	xxx	x		x	x	x	xx		x								x	x	x	x	xx	x
DLA		x	xx	x							x	x	x	x																		
DLF	xx	xxx	x					x		xx	x	x	x		xx	xx				x	xx		x	xxx		x	x	x	x	xxxxx		
DMK	x	xx	xx		xx	x		x	x	x	xx	xx	x	x	xx	xx	x	xxx	xx		xx	x	x	xxx	x	x		x	xxx	xxxxx		
DMN	xxxxxxxxxxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	xxxxxxxxxxxxxxxx	
DMU		x	xxx	x				x		xx	x	x	x		xx	xx				x		x							x	xxxxx		
DOI		xx	x				x		x	xx	x	xx		x		xx	xx			x											xx	
DOT								x	x			xx	x	x						x	x							x		x	x	
DOU		x	xxxxxxx	xx		x	xx	xxxx	xx	xxxxxx	x	xxxx		xxx	xxx	xxxxxx	x	xxx		x	xx	xx	xxx	x	xxxxxx	xx	xx	x	x	xxxx	xxxx	
DPW	xx	xxxxxxx	x	x	x	x	xxxxxxxx	xxxxxx	x	xx	x	xx		xxxx	xx	x	x	xxxx		xxxx								xx	x	x	xxxxx	
DRA																																
DRV		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						
DVR	X	XXXX		X				XX	X	X	X	XXX		X	X	XXX	X		X		X		X	XXXX	XXX		X	X	XX	X	XXX					
DZM	XXX	XXXX	XX	XX	XX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX					
EAB		X								X	XX											X		X	XX			X		XX						
EALH		X			X					X	X	X										X		X	XXX		X				XX					
EAU		X								X	X	XX				XX	XX					X		XX						X	XX					
EBAN		X	X	X		XX		X	X	XX		X	XXXX					X	XX			X	XX	XXX	X			XX	X	XXX						
EBH		X								X	X	X										X	X				X	X			XX					
EBL										X	X	XX	X			XX	XX					X	XX								XX					
EBR		XX	XXX			X	X		X		X	X	X	X				XX								X	X	X	XX	XX	X	XXX				
ECB								X		XX	XX	X				X	X							XXX			X	X	X		XX	X	XX			
ECH		X	X					X		X	XXXX	X	X	X		XX	X	X	X	X	XX	XX	XX	X		X		XXX	X	X	XX	X				
ECHE		X	XX	XX	X		X		XX	XX	X	XX	XXX		X	XXX		X	X	XXX	X	X	XX	X			XX				XX		XX			
ECOG		XXX	X	X		XX		XXX	XX	X	X	XXXX			X	XX		XXXX	X	XXXX	XX	X	XX	XXX	X	X	X	XX	X	XXXX			XX			
ECP									XX	XX	X				X	X						X		XXX		X		X	X		XX	X	XX			
ECRI		XXX	X		X			XXX	X	X					X	XX					XX	X	X	XX							XX		XXXX			
EDC		XXX	X	XX	XXX	X	X	XX	X	XX		X	XXX	X		X	X	XXX	XX	XXX	XX	XXX	XX	XXX	XXX	XX		XX	XXX	XXXX			XX			
EDI										X	X					X	X					X		XX			X	X			X		X			
EDU										X	X	XX				X	X					X	X	XX			X	X			X		X			
EEO		XXXXXXXXXXXX	XXXXXXXXXXXX					X	XXX	XXXX	X	XXX	XXXX			XX	XX		XXX	X	XXXX	X	XX	X	XXXX	X	X	XX	X	X	XXX	X	XXX	X		
EGD		XX	XX	X					X	X	X				X			XX	X	XX		X	X	X	X	X	X	X	X		X		X			
EGRA		XXX	X		X			XXX	XX	XXXX	X	XX		X	X	XX		X	X	X	XXX	X	X	XX	X	X		XX				XXXX				
EGUA		XXX	X		X		XX	X	X	XX	X	XXXXXX				XX		XXX	X	X	XX	XX	XXX	X	X	X	X	XXX	X			XXXX				
EHOR		XXX	X		X	X		X	X	X	XX	X	XXXXXX		X	XX		XXX	X	X	XX	X	XX	XXX	X	XX	X	XX	XX			XXXX				
EHUE		XX	X		X			X	X	X	X	XXXX				XX		X	XX	XXX	XX			X		X		XX				XX				
EJIF		XXX	X		X			XXX	XX	X	XXX	XX	X	X	XX			XXX	X	X	XX	X	X	X	X	XX	X	XX	XX			XXXX				
EKA		XXX	XXXX	X	X			X	X	XXXX	XXXX	XX	XX	X		XXXXXX	XXX	XX	XXXX	XXXXXX	X	X	X	XX	X	XX	X	XX	XXXX	X	XXXXXX			XXXX		
EKR		XX		X												X						X		X							X					
ELC		X	XXXXXXXXXX	X	X	XX	X	XXXX	XX	XXXX	X	X	XXXX	XXXX	XX	XX	X	X		XXX	X	X	X	X	X	XX	X	XX	X			XXXX				
ELF		X	XX	X		X	X			X		XX	X			X						X		X		X					X		XXX			
ELL		XX	XXXX		X	X		X	X	XXXX	XXXX	X	XXXX	X		X	XX			XXX		XX	XXXX	X	X	X	XX	XX			XX		XXX			
ELO		XX								X	X	XX	X			XX	XX					X	X	XX		X					XX					
ELUO			X			X		X	X	X	XX	XXXX				XX		XX		XX	X	XX	X	XXX		X		XX			X		X			
EMM					X			X	X	XX		X	X		XXX	XX	X																			
EMON		XXX			X					X	X		X								X	X	X		X		X					XX				
EMS		X	X					X		X	X	X				XX	X					X		XX		X		X	X			XX				
EMUT		X	XXXX	X	XXXX	X	X	XXXXXX	XXXXXX	XXXX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX		
ENH		X	XX													X						X					X					XX				
ENIJ		XX						X	X	X	X	X	XX			XX					X	X	XX		X	XXX		X			XX	X		X		
ENN		X	XXX	X	XX		X	XXXX	XX	XXXXXX	XX	XXXXXX	XX	X		XXX	XXXX		XX	X	XX	XX	X	X	X	XX	X	XX	XXXX	X	XXXXXX			XXXX		
ENR		X	X	X	X	X	XX	X	XX	XX	X	XXXX	X	XX		XXXXXX	X		XXX	XX	XX	X	X	XXX	XXX	XXX	XX		XX	X	XXX	XXXX			XXXX	
EPA		X	XXXXXX																																	
EPF		X	XXXX	X	X		X	X	XX	XXX	XXX	XXXX		XX	XXX	X	X	XX		XXXX	XX	X	X	XXX		XX	X	XX	X	XXXXXX			XXXX			
EPLA		XXX	X		X			X	X	XX	X	XX	XXX	X		XX		X	X	X	XX	XX	XX		X	X	XX					XXX				
EPRU		XXX	X		X			XXX	XX	XX	XXX	XX						X		X	X	XX	X	X	XXX	X	XX	X	XX	XX			XX			
ERC					X									X													X					XX		X		
ERE										X	XXX	X			XX	X											XX	X	X	XX			XX			
EROO		XX	X		X			XX	X	X	X			X	X	XXX			XX	XXX	X				XX	X	X	X	X			XX				
ERUA		XXX			X			XX	XX	X	X	XX				XX					X		X			X						XX				
ESEL		X			X			X	X	XX	X				X	XX			X	XX												XX				
ESK		X							X	X					X	X									X		X					XX				
ESY		X									XX	X			X	X					X	X	XX			X					XX					
ETA								X	XX	XX					X								XXX			X		X	X			XX		X		
ETER		X	X		X				XX	X	X				X	X		X	X		X	X										XX				
ETOR		XXX	XX		X			XX	XX	XXXX	X	X	XX	X		XXX		X		XXXX	XX		XX	X	X		XX	X			XXXX					
EVAL		XX	X		X			XX	XX	X	X	XXX	X			XX		X	X	X	XX	XX	XX	X	X		XX				XXXX					
EVIA		X	XXX	X		X		XXX	XX	XXXX	XXXXXX			X	XX		XXX	X	XXXX	XX	XX	XXX	X	X	X	X	XX	X			XXXX					
EYL		XXXX		XX	XX			XX	XXX	X	X	XX			X	X	X		X	X	XX		X		XX	XX		X	XX	XXXX			XXXX			
EZN		XXX	X		XXX	XX	X	XX	XXX	X	X	X	X	X	XXXX	X	XXX	XX	XX	X	X	XXX	XX	XXXXXX	X	X	XX	XXXX	X			XXXX				
FAM		X			X			X	X	X				X	X	X										X										
FBA		XX	XXXXXX	X	XX	X	X	XXXXXXXXXXXX	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXX		X	XXXX	XXX	XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
FCC		X	XX	X			X	X	XXX	X	XXXX	X	X			XX				X		X			X	X	XX				XXX					
FCH		X	XX	X	X		XX	X	XXX	X	XX	XX	XXXX	X	XXXX	XX	X	X	XX		XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
FDL		X	XX		X		XX	XX	XX	XX	XX	X			XX				X		X	XX	X		XX	XX		XX	XX			XX				
FEL		XXX	X	X	XX	X	X	XXX	XXXX	XXXX	X	X	XX	XX	XXXX	XXXX	X		XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX		
FHC		X	XXXX	XX	X	X	X	X	X	X	X	X			XX	XX	X	X		X	X		X		X	XX	XX					XX				
FID		X	X		X			X	XXX	X	X	XX	X			X	X	X	XXX	XXX	X	X	XX	XXX	XXX	X	X	X				XX				
FIN			X	X	X		XX	XX	XX	XXXXXX	X	X			XXX	XXX	X	XXX	X	XX	X	XX					X	X	X	XX	XXXX					
FINC		X	X	X	X	X	XX	XX	XX	XX	X				X	XX	XX	XX	XX	X	X	XXX			X	X	X	X								
FIR		X	XXXX		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
FV1	X	XX	X		X			X	XX	XXXX	XXX	X	X	XX	XXX	XX			X	X	XXX	XX	XXXX	X	XXX					
FVM	X	XXXXXX	X	X		X	X	XXXXXXX	XX	XXXX	XXX	XXXX	X	X	XXXXX	X	X	X		XX	XX	XXX	X	XXX	XXX	XXXXX	X	XX	XX	XXXXX
GAZ	XXX	X	X	XXX			X	X		XX																				
GBA	XXXXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX
GBTN	XXXXXXXXXXXX	XXXX	XX	XXXX	X	XX	XXX	XX	XXXX	XXX	X	XXXX	XX	XX					XXXX	X	X	X	X	XX	X	X	XX	X	XXXX	XXXX
GBZT	XXXX	XX	XX	XX	XX		X	XXX	XX	XX		XX	XX	X	XX	X	X		XXX	XXX	XX	XX	X		X	X	XX	XX	XXX	XXX
GCC	XX		X	X		X		XXX	XX	X	X	XX	X	X	X	X		X	X		X	XX					X	X	X	XXX
GEC2	XXXXXXXX	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
GHO	X	X				X	XX	X	X	XXX	X	XX	X	X	X	X	X	X	XXX	X	X	X	XX	XXX	XX		XX	XX	X	X
GHZJ									XXX	X	X	X			X	X														
GIB			X			X			X	X	X		XX		XX															
GIBL		X							X	X	X				X	X					X		X			X	XXX		XX	XX
GKN	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
GLA	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	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
GLB	X		X	X		X	XXX	X	XX	X	XX	XX	X	X		X	XXX			X	X	X	XX	XXX	XXX	X	X	X	XX	X
GLD	X	X					XXX	X	X					XX		X				X	X						X	X	X	X
GLI	X	X		X	X		X	XXX	X	X	XX	X	XXXXX	X	X		X	X	X	XXX	X	X	XX	XXX	XXX	X	X	XX	XX	X
GLM	X		X				XX	X	X	X	XX	X	XX	X	XX	X				XXX	X	X	X	XX	XX	X	XX		X	X
GMB														X	XX															
GMTN	XX				X	X						X	X									X						X	XXXX	X
GMW	XX	XXXXXX	XXX	X	X	XXX	XX	XXXXXX	X	X	XX	XXXX	X		XXX	XXX			X	X	X	X		X		X	XX	X	XXX	X
GOL	XX	XXXXXX	XXXX	X	XX	XXXXXXX	XX	XXXX	XXXXXX	XX	XXXX	XXXX	XX	XXXX	XXX	XXX			XXXX	X	X	XX	XXXX	XXX	XXXXX	X			X	XXXXX
GPA	X	X		X		X	X	X	XX	X	X	X		X							X	X		XX	XX		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		
INE		X		X																				X	X	XX	X		X	XX	X	
INW		X																						X	X	XX	X		X		X	
IPM	X	X	XXXX		XX	X	XXX	XXXXX	XX	XXXX	XXX	X	XX		XXX	XX	X		X		X		X	XXX	XX	X	X	X	X	XX	XXXXX	
IRK		X	XXXX		X	X			X	X	XXXX	XX	X		XX	XX	XXXX	XX	X	XX		X	X	X	XX	X	X	XX	XX	XX	X	XX
ISA		XXXXXX	XXXXXX	X	XXXXX	X	XXXXX	XXX	XXXX	X	X	XX	XXXXXX	XXXX	XX	X	XXXX	XX	XXXX	XX	XXXX	XX	XXXXXX	XX	XXXX	X	XXXX	X	XX	XXXX	XXXX	
ISK	XXX	X		X					X	X	X	X	X	X	X	X	X	X	X	X	X		XXX	X	X		X	XX	X	X	X	
ISR	XX	X				X				X				X	X	X	X						XXX					X	X	XXXX		
ISSF				X					X		X			X	X	XX		X				X	X									
ITB		XX	X		X	X		X		X	XX	X		X	X	XXX	X						X	X	XX	X				X	X	
ITB1		X	X	X	X	X		X		XXXX	X		X	XXXXX				X		X	XX			XX	XXX	X			XX	X	X	
ITB7		X			X	X		XX		X	XX	X		X		X						X	X		XX	X				X	X	
ITR		X	XXXX	X	XXXX	XX	X	X	XXXX	XXXXXXXX																						
ITU																						X		X	X	X	X	X	X	X	XX	
IWA		XXX	X		X	X		XX	X	X	XX	XX		X	X	XXXX	X	X	X	X	X	X	XX	XXX	XXX	XXX	XXX	X	XX	X	XXXX	
IZM																						XXXXXXXX	XX	XX	XXXX	XXXXXX	XX	XX	XXXXXX			
JACH		X	XX	X	X	X		XX	X	XXXX	X		XX	XX	XX	XXXX	X	XX	XX	XX	X	X	XX	XXX	XXX	XXXXX	XXXXXX	XXXXXX	XXXXXX	XXXX	X	
JAQ		XXXXXXXXXXXX		XXXX	X	XXXXX	X		XXXXXXXXXXXX	X	XX	X		X	XXX	X		X				X	X	X	XX	X	XX	X	X	XX	X	
JARJ		X			X	X		X	XX	X	X			X	X																	
JCR					X	X			XXX	X	X			X															X		X	
JFO		XXX	X	X	XX	X		XXX		XX	X		X	XX	X	XX	X	X	X													
JFWS		X	XXXX	XX	XX		XXX	X	XXXXX	XXXXXXXX	XXXXX	X		XXXX	X	XX	X					XXXXXX	X	X	XXXXX	X	X	XX		XXX	X	
JMB		XX			X		XX	X		X	X		X											X	X		X	X		XX		
JMI					X	X			X							X	XX	XX		X		X	X	X		XX	X	X		X		
JNE					X	X			X							XX	XX		X	X	X		XXXX	X	X	X	X	X	X		X	
JNW					X	X			X	X	X					X	XX	XX		X	X	X	XXXXXX	X		XX	X	X		X		
JSC		X	XXXXXXXX	XXX		XXXX	XX	XXXX	X	XX	XXXX	XX	X	X	XX	X	XXXX	X	XXXX	X	XX	X	XXXX	X	X	X	XX	X	X	XX	XXXX	
JUD		X	XXXXXX																													
JVI		X	X		X	X		X	XX	X	XX	X		XX	X	X							XX		X		X	X	X	X		
KAF		XXXXXXXXXX		XXXXX	X	XXXXX	XX	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	X	X	XXXXXXXXXXXX	XXXX	X	X	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KAGJ		XXX		XX	X		X	X		X			XXX	X	X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
KAIM				X	X		X	XX	X		XX	X	XX	X	X	X	X	X	X	X	X	XX		X	XX		X	X		X		
KAKJ		X	XX		XX					X	XX	X	XXX	X	X	X	XX					X		X	X	X	X	XX	XXXX			
KART		X	X					XXX		X	X	X	X	X	X	X							XXX		X	X	X	X				
KAS		X	X			X	X	XX		XXXXXXXX	XXX	X		XXXX	XX	X	X	XX	XX		XX	XX	XX	X	XXXXXXXX	X	X	XX	XX	XX	XX	
KAT										X	XXX	X		XX	X		X	X				X	XX	X	X	X	X	X	X	XX		
KBA		X	XXXX	X	X	X		XXX	XXXXXXXXXXXXXXXXXXXX	XX	XXXX	XX	X	X	XXX	X	X	XX	X	X	X	X	XX	X	X	X	X	XX	XX	XXXX		
KBS		XXX			X				X	X	X			X	X								X		X	X	X	XX	XX			
KCT		XXXXXXXX	XXXX	XXXXXX	XX	XXXXXXXX	XXXX	X	XXX	XXXX	XXXXXX	XXX	XX	XX	XXX	XXX	XX	XXXX	XXX	XX	XXXX	XX	XXX	XXX	X	XX	XXXXXXXXXXXXXXXX					
KDC		X	XXXX	X	XX	X		XXXX	X	XX	XX	X	X	XXX	X	XX	X	X				XXX	X	X	XXXX	X	X	X	XXX	XXXX		
KDS		X	X		X	X		X	X	X	XX	XX	XX		X	XX					X	X	X	X	X	XXX	X	X				
KDZ		XX		X				X	X	X	X		X										X	X			XX	XX				
KEK		X	XXXX	XXX	X	XXX			X	X	XXXX		X	X	X	X	X	X	X	X	X	XXXX	XXXX		XXX	X	XX	X	XX	X		
KER		X	XX	X			X	X	X	XX	XXX	XXXX	XX	X	XX	XX		X	X	X	X	X	XX	X	XX	XX	X	XX	X	XX	X	
KEV		X	XXX			X	XX	XX		XX	XXXX	XXXX	X		XXXX	XX	X	XX	X	XX	XX	X	XX		XX	XX	X	XX	X	XXXX	X	
KFNJ			X			X		XXX	X	X	X	X		X	X	X							X		X		X					
KGM		X	XXXX		XX	X	XX	X	X	XX	X	XX	X	X	X									X	X	X	X	X	XXXX	X		
KGT		XXX																														
KHC		XXX	XXXXXXXXXXXXXXXX	X	XXXXX		XXXXX	XXXXXX	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXX	
KHKI		X	X		X	X	X	X	XX	X	XX	XX	XX	XXX		X	X	XX				X		XX	X	XX						
KHL		XXXXXXXX	XX	X	XX	X		XXX	X	X	XX	X	X	X		X		X	X	X		XX	X	X	X	XX	XX	X	XXX		X	
KHT		X	XXXX	XX	X		X	X	X	XXXX	XX	X	X	X	XXX	XX							XX	X	XXXX	X	X					
KIC		XXX	XXXXXXXXXX	XXX	X	XX	XXXXXX	XX	XXXXXXXXXX	XX	XX	XXXXXX	XX	XXXXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KIM		X	XX	X	X				X	XX	XX	X	X		XXXX							XX	XX		X	XX	X		XXX	XX	X	
KIS										X	XX	X	XX	XXX	X		XX	X	XX	X	X	X	X	X	X	X	X	X	XX	X	XX	
KIV		X	XX							X	XXX	X	X	XXX	X		X	X	X	X	X	X	X	X	X	X	X	X	XX	X	XX	
KIW		X	X	X	X	X	X	XX	XX	XX																						
KKB		XX	XX	X	X		XX	XX															X	X	XXX		XX		X			
KKM		X	XX			X	XX	X	X	XXXXXX	X		XX	X	X	XX							X	XXX					X	XX	X	
KKN		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
KKS		X	X		X	X	X	XX	XX	XXXXXX	X		X	X	X																	
KLB		X	X	XX		X	X		XX	XX	XXXX	X	X	X	X	XXX		X	X	X	X	X	XX	XXXX	X	X	X	XX	X	X	X	
KLD															X	XXX	X	XX		X		X										
KLU		X	XXXX	X	XX	X	XX	XXXXXX	XXXXXXXXXXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KMI		X	XXXXX	X	XXXXX	X	XXXXXXXXXXXX	XX	XXXX	XXXX	XX	XX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KMR		X	XX				X	X	X	X												X		XX		X	X	X	XX			
KMY					X										X		XX		X		X		X									
KNA		XXXXXXXXXXXX	XXX	XXX	XX	X	X	X	XXXX	XX	XXXX	X	XX	X	XX	XXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
KNIM		X	X	X	XX		X	XXX	X	X	XX	X	XXXX	X	X	X	X	X	X	X	X	XXX	X	X	XX	XXX	X	X	XX	XX	X	
KNK		X	X	X	X		X	XXX	X	X	XX	X	XXXX	X	X	X	X	X	X	X	X	XXX	X	X	XX	XXX	XX	X	XX	XX	X	
KNT		XXX	XX	XXX	XXXX		XX	XXXX	X	XXXXXXXXXXXX	XX	X	XXXXXX	XXX	X	X	X	X	X	X	X	XXXXXX										
KOD		X	XXXX		XX					XXXXXXXX											X	XX	XX		XX	XX	XXXX	XX	XXXX	XX	XXXX	
KONO		XX								X	X	X		X	X							X		X		X	X	X	X	XX		
KOT		X	XX		X	X				XX	XX	X		X	X								XXX		XXX		XX					
KRI		X	XXX	XX	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			
KUPT																																	
KUR																																	
KUSJ	X	XX		X	X	X	X	X	X	XX	XX	X	XXX	X	XXX	XXXX	X	X	X	X	XX		X	X	X		X	XX	X	XX			
KUZ	X			XX		X	X	XXX																									
KVN	XX	XXXX		X	X		X	XX		X	XXX	X	X		X	XXXX	X	XX	X	X	X	XX		X	XX	X	XXX	X	XX	X	XXX		
KVT																																	
KZN	XXXX	XXX		X	XXX		X			XXX	XXXX				X	X	X		X	X			X	XXXXXXXXXX			XX	X	XXX	X	XXX		
LACI	X	X	X	X	X	X	X	XX		XX	XXXX	X			X	X	X		X	X			X	X	XX	XX	X	XXX	X	XX	XX		
LANF		X	X							XX	X	XX											X	X	XX	XX		X	X	XX	XX		
LAT	XXXXXXXXXXXXXXXXXX	XXX	XXXXXXXXXX	XX	XXX	XXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX		
LBF	X	X		XX	XX	XXXXX	XXXXX	XXXXXXXX	XXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX		
LBFM	XX	XXXXXXXX	X	XX	XX	X	XXXXXXXX	XXXXXXXX	XXX	X	XX	XXXXXXXX	XXX	XX	XXXXXXXX	XXX	XXXX	X	XXXX				X	XXXXXXXX	XX	X	X	XX	XXXX	XXX	X		
LBL																																	
LCCH	X	XX	X	X	X		XX	X	XXXX	X		XX	XX	XX	XXXX	X	XXX	XX	X	X	X	XX		XXX	XXX	XXXXX	XXXXXXXX	XXXXXXXX	XXXXX	XXXX	X		
LCCM	XX		X	X		X	XX	XXXXX																									
LCR2	XXXX																																
LDF	X	XXXX	X		XX	X	X	XXX		XXXXXX	XXX	XXXX			XXX	XX	XX	XXX	XXXX	XXX			XXX	X	XXXX	X	X	XX	X	XXX	XXXXXXXXXX		
LDN	X	XX	X			X	X																										
LESF	X																																
LFF	X	XXXXX	X	XXX	XX	XXXX	XX	X	XX	XXX	XXXXXXXXXX	X		XXXXXXXX	X		XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	X	XXXXXX		X	XX	X	XXX	X	XXXXXXXXXX	
LHS																																	
LIBD	XXXXXX	X	X	XXXX	XXX	XX	X	XX	X	XX	X	XX	X	X	XX	XX	XXX	X	XX			X	X	X	X	X	X	X	X	X	XXX		
LIC	X	XXXXXXXXXX	XXX	X	X	X	XXXX	XXXX	XXXXXXXX	XXX	X			X	XXXXXXXX	XX	X	XX	X	XXXX	XXX	XXXX	XXX	XXXX	XXX	XXXX	X	X	X	XX	XXXXXX		
LISJ	X																																
LIT	XXXXX	XXXX	XXXX	X	XXX	XXX	X	XXXX	XXXXXX	X	X			X	X	XX	X	X	X	X	XXXXXXXXXX	XXXXXXXXXX	XXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
LJU	X	XXX		X	X		XX			XX	XXXX	XXX	XXXX	X	XXX	XXX	XXXX			X	X	X	XXXX	X	XXXX	X	XXX	X	XXXX	XXXX	XXXX		
LLA	XX	X	X	X						XXX	X	X	XXX	X	X	X	X	X	X														
LLS	X	X								XX	XX	XXX	X	X	X	XX	X	XX	X	X			XX	XX	XX		X	X	XXXX	XX	X		
LMN	XXXXXXXXXXXXXX	XXX	XXXXXXXX	X	XXXXXXXX	X	XXXXXXXX	X	XXX	XXXX					XX	XXX	XX	XXXX	XXXX	X	XX	XX	XX	XX	X	X	X	X	XX	XX	XX		
LMR	X	XX	X	X	X	XX	XX			XX	XXXXXXXX	XXX	XXXX	XXXXXX	XX	XX	XXXXXXXX	X	XX			XXXX		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
LNO	XXXXXXXXXXXXXXXXXX	XXXX																															
LNV	X	XXXX	X	X		XX	X	XXXX	X		XX	XX	XX	XXXX	X	XXX	XX	X	X	X	XX		XXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
LOE																																	
LOF																																	
LOMF	XX	X																															
LON	XX	XXXX	X	X	X	XX	X	XXXX		XXXXXX	XX	X	XX	XXXX	X	XX	XXX			X			X	X	XX	X	XXX	X	XXX	XXXX	XXXX		
LOR	X	XXXX	XXX		XX	XXXX	XXXXXX	XXXXXX	XXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
LPA	XX	X																															
LPB	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
LPF	X	XXXX		X	XX	X	X	XXXX		XXXXXX	XXX	XXXX			XXXXXX	XXXXXXXXXXXX	XXXX						XXXX	X	XXXX	X	XX	XXX	X	XXXXXX	XXXXXX		
LPG	XXXXXX	X	X	X	XXX	X	XXX			XXX	XXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXX	XXX							XXX	X	XXX	XXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
LPL	XXXXXX	X	X	X	XX	XX	X	XXX		XXX	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXX							XXX	X	XXX	XXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
LPO	X	XXXX	X	XXX	XX	XXXX	XXXXXX	XX	XXX	XXXXXXXXXXXX	XXXXXXXXXX	X	X	XXXX	X	XXXX	X	XXXX				XXXX	X	XXXX	XX	XX	XXX	X	XXXXXX	XXXX	XXXX	XXXX	
LPR	XXXXXX	X	X	XX	X		X	X		X	X	XXX	X	XX	X																		
LRG	X	XX	X	X	X	X	XX	XX		XX	XX	XXX	XXXX	XXXXXX	XXXX	XX	XXXXXX	XX				XX	X	XXXX	XXX	XX	XXX	X	X	X	XXXX	XXXX	
LRM	XX	XXXXXXXXXXXX	X	XXXXXX				XXX	XXXXXXXXXXXX	X	XXXX	XXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	X	X	XXXXXX	XX	X	X	XXXXXX	XXXX	X	XXXXXX	XXXX	XXXX	XXXX	
LRS	XXXXXX	X	X	X	X	X	X	X		X	XXX	X	XXX	X	X	XX	X	XX				X	X	X	X	X	X	X	X	X	X	XXXX	
LSA	X	XXXX	XXXX	X	X	XX	X	XXXX		XXX	XXXXXXXX	X	XXXX	XX	XXX	XXX	XXXX	X	XX			X	X	XXXX	X	XXXX	XXX	X	XXXX	XXXX	XXXX	XXXX	
LSD	X	X	X	X	X	XX	XX			XX	XX	X	X	X	XXX	XX	X	XX	X	XXXX		X	X	X	XXX	X	XX	X	X	XXX	XXXX	XXXX	
LSF	X	XX	X	X	X	XX	X	XXXX		XXXXXXXX	XXXXXXXXXXXX	XXXX	XX	X		XXXXXXXXXXXX	XXXX	XX	X	XXXX		X	XX	X	XXXX	X	XX	X	XXX	X	XX	XXXX	
LSPF																																	
LST	XX	X	X			X	X	XX		X		X	X	X	X	X	X																
LTCM	X	XXX								X	XX	X	X	X	XXX	X	X							XX	XX	X							
LTJ																																	
LTZ	X	X	XX		X	X	X	XX	XX	XXXX			XXXX										X	X	X	XX	X		X	X		X	
LVI																																	
LVJ	XXXX	X	X	X		X	X	XX	X	XX	XX	X	X	X	XXX	XX	X	XX				X	X			X	X	X	X	XX	XX		
LWJ																																	
LWI	X	X								XX	X	XX	X	X	X							X	X	X	XXXX	X	XX	XX	XXXX	XXXX	XXXX		
LZH	XXXXXXXXXXXXXXXXXXXX	X	XXXX	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	
MADF																																	
MAF	XXXXXX	X	X	XX	XXXX	XXXX	XX	XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
MAJO	XXXX	XXXXXXXXXXXX		X	XXXX	XXXX	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	
MAJO	X	X																															
MAK																																	
MAL	XXXX	XX	X			XX	XXXX	XX	XXXX	XXXXXXXX	X			XX	X	X	XX	X	X			X	X	XX	XX	X	X	X	X	XX	XXXX	XXXX	
MAO																																	
MAP	X	XX	X	XX	XXX	X	XXX	XX	X	XX	X	XX	X	X	XX	X	X	X	X			XX	XX	XX	XX	X	XXXX						
MASJ																																	
MAT	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	
MAW	X	XX	X	X	X	XXX	X	XX	XXXX	XX	XXX	X	XX																				

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MCW	XX	XXXX	X		X	X		X		XXXXXX	X	X	X		X	X	X	XX	X	XX		X		X	X	XX		X	XX	XXX			
MCWV	X	XXXX		X	-	X				X	XXXX	X	X	X		X	X	X		X	X		X	X	X	XX	X	XX	X	X			
MDG		XX	XX	XX		X	XX	XXXX	XXXXXX	XXX	X	X	X		X	XXX	X	XXX	XX	X	XX		X	X					X	XX			
MDJ	XX	XXXX		XXX	X	X	X	X		X	XXXXXXX	XX	X	XXXXXX	XXXX	XX	XXXXXXXXXX	XX	XX	X	X	X	X	X	X	X	XX	XXXX	XXX	X	XX		
MDSJ		X				X	X			XXX	X	X				X																	
MDZ		X			X						X			XXXXXX		XXX	X			XXX	XXX		XXXX	XXXXXXXXXX	X	XXXXXX	XXXXXX	X	XXXX	XXX			
MEEK	XX	X	X	X	XX	X		X	X	XX	XX	XX	XX	X	XXXX	XXX	XX	X		XXXXXX		X	XX		X	X		X	XX	XXXX	X		
MEM	X		X	X				X	X	XX	X	XX	X		X	XX				XX	XXX		X	XX	X		X	XX		XXXX			
MEMM																																	
MEO		XXXXXXXXXX				XXXXXXXXXX																											
MEU			X	X	X			XX		X	X	XX	XX		X	XX	X	XX			X							XXXX	X	XX	X		
MFF	X	XXXX		X	X	XXX	X	XX	XXX		XX	XXXX	XXXXXXXXXX		XXXXXXXX	X	X	XXXXXX	XXXX		XXX	X	XXXX		XX		XXXX	XXXXXXXXXX					
MFT									X			XX				XX	XX					X					X	XX	XX				
MGD											X	X	X	X	X	XXXX	XX	XX			XX		X	XX	X	X	XX	X	X	X	XX		
MGG		XXX	X			XXX	X		XXXX	X	X		X	X	XXXX	X	XX			X	XXX	X	XX		XXX	XX		X	X	XX	X		
MGH		XXXX			XX	X		XXXX	X		X	X	X	X	X	XX	X			XXXXXXXXXX	X		X	X	X		X	X	XXXXXX				
MGP		XXXXXX	X	X	XX	X		X	X	X	X	X	XX	X	X	XXXX	X	X	XX		X	X		X	X	X		X	XX	X	XXX		
MGR	XX	XX	X	X	XX			X	X	XXX	XX	XX	XX		XXXX	X	XX	X			X	X	XXX		X	X	XXX	X	XXXX	X	XXXX		
MIAR																																	
MID			X	X			X	X	X				XXX	X		X		X	X	X				X		X		XX	X	XX	XXXX		
MIN		XX		X			X		X	XX	X	X	X	X		X	X	X		X	X		XX	XX			X	X		XX			
MJMA	X	X			X		X	X	XX	X	XX	X	XX	XXX	X				XXX		XX		X	X	XXX		XX	XX					
MKRJ		X					X	X	XXX	X	X	X			X	X	X																
MKS																					X	X	X					XX	X	XX	X		
MLR	X	XXXXXXXX	X	XX	X		XX	XX	XXXX	XXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	X	XXXX	XXXX	XXX	X	XX	XXXXXX	XXX	XX	XXXXXX	XXX	XXXX	XXXXXXXXXX	XXXX	XXXXXXXXXX	XXXXXX	XXXXXX				
MLY										X	X	X	XX											X	XX	XX	XX	X	XX	X	X		
MLB	XX	X	X	X	X		X	XX	XXX	XX	X		X										X		X	XX	X		X	XXX			
MME	X	X				X		XX	XX	X	XXX	X	XX	XX	XX	X		X	X	X		X	XX	X		X	X	X	X	XXXX			
MMK		XX						X	XX	XX	XX	X	X		X	X	XX	X		X	X	XX		X	XX		X	XXX	XX	X			
MNDI	X	XXXXXXXX	X		XX	XXXXXXXXXX		XXX		X	X	XX		XX	X	XX		X			XX	X	X		X	X	X	X	X	XX	X		
MNG	X	X	X		X	X		XX	XX	XXXX																							
MNI		X	XX					XXX	X					X	X		XXX		XX	XXXX	XXXX	X	X	XXX	X		XXXX	XXX	XXXX				
MNK													X	XX	X		XXXX	X			X	X	X	XX	X	X	X	X	XX	X	XX	X	
MNO			X	X	X		XXX	X		X	XXXX	XX		XX		XXX		XX		XX		X		X	X	X	XXXX	X	XX	X	XX	X	
MNS	X	X	X		XX	XXX		XXXX	X	XX	X	XX	XXX	X	XXX									XXXX	X	X	XX	X	X	XXXXXX			
MOF		X	X					X		X	XXXX	X	X	X		XX	XX		X	X	X	XX	XX	XX	X		XXX	X	X	XX	X		
MOL		X	XX	X	XX			X		X	XX					XX	XX		X	XX	XX	X		X	X	X				XXXX			
MORO		X								X						X	XX	X		X				X		X	X			XX	X		
MOS										X	XXX	X		XXX			X	X	X	X	XX	X	XXX	X	X	X	XX	XXXX	X	XX	X		
MOTA	X	X					XX	XX	X	X	X		XXX	X		X	X	X	X		X		X		X		X			X			
MOX		X	XXXX		XX		X	XX	XX	XXX	X	XX	XXXX	XXX	XX	X	XX	XXXXXX	XX	XXXX	XXX	XXX	XXX	X	XXXX	X	XXXXXX	X	XXXXXX				
MOY														X	XX	X	X	XX	XX		X	XX	X	X	X	X	X	X	XX	X	XX	X	
MPA		X	X		X	XX		X	XXXX	X	X	XXX	X	XXX	X	X	X	X	X	XXX	X	X	X	XX	X	XXX	X	XX	XX	X	X		
MRA	XXXXXXXXXX	XXXXXX	X		X	XXX	XXX	X	XX	XXXXXXXXXXXXXX	XXX	X	XXX		XXX	XX	X	XXXXXXXXXX	XXX	XX	XXXXXXXXXX	XXX	XX	XXXXXXXXXX	X	XXXXXXXXXX	XXXXXX	XXXXXX					
MRRJ	X	XX		X	X	X	X	XX	X	X	XXX	X	XXX		X	X	X		X		X							X	X	XXX			
MRW	X	X	X		X	X		XX	XX	XX	X		XX	X	X	X												X	X				
MRWA	XXX	XXXX		X	XXX	X		X	XX	X	XXX	XXX	X	X	XX	X	XXXXXX	X	X	XX	X	X	X	XXXXXX	XXX	XX	X	XX	XXXX	X	X	X	
MRX		XXXX	X	XXX	X	XX	X	XXXXXXXX	X	X	XX	XXXX	X	X	XXX	XXX	XXX							X	X	X	X	XXX	XXX	X	XXX		
MSI			X								X	X			X												X	XXX	XX				
MSU	XX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX	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	
MTA																																	
MTHF		X			X										XX	XX				X		X	X	XX	X	X	XX	X	X	XX	X	XX	X
MTMJ	X	XX		XX	X	X	X			X	XX	X	XX	XX	XXXXXX	XX	XXX	X	XX		XX		X	X		X	X	XX	XXXX	X	XX		
MTN	XXXXX	XXXXXXXX	XXXXXXXXXX	X	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
MTU		X	X		X	XX		X	XXX	X	X	X	XXX	X	X				X	X		XXX			X	XX	X	X	X	X			
MTUR	X			X				XX			X	X	XX											X	XX	X		X		X	XX	X	
MTW	X			X			XX	XX	XX																								
MUD		X	XX												X	XX	X	X					X		X	X	X	X	XX	XX			
MUN		X	XX	XXXX	X	XXX	X	X		X	XX		XX	XXXX	X	X	X	X	XXXX	X	X		X	XX	X	X	X	XX	XXX	X	XX	X	X
MVM	X	XX		X	X		X	XX	X		X	XX		XX		XXXX		X		X	X	X		XX	X		XX	X		XX	XX	X	
MZX		XXXX				X	X				X																						
NAI	X	X				X		XX		XX	X	XX	XX		X	X	X			X		XXX			XX	XX	X	X	XXX	X	X		
NAL		XXXX						X	X	X	X	X			X	XXX							X	XX	XXX		X	X	X	X			
NANU	XXXXXXXXXX	XXXXXX	X	X	X	XX	XX	XXX	X	XXX	XX	XXX		XXXXXXXXXX	XX	XX	X	X	XXXX		X		XXXXXX	XX	XX	X	XXXX	XXX	XX	XXXX			
NAV	X	XXXXXXXX	X	X	X	X	XX	X	XX	X	X		X	X		XXX	XX						X	X		X	X	X	X	X			
NB2	XXX	XX	XXXXXX	X	XXXX	XX	XX	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	
NCG	X	X		X	X		X	XXXX	X	XXX	X	XXX	X	X	XX		X	X	X		XXX	X	X	XX	XXX	XXX	X	X	XX	XX	X	X	
NCT	X	X	X	X	X		X	XXXXXX	X	X		XXX	X		XX		X	X	X		X	X	X		X	X	XXX	X	X	XX	X		
NDI	XX	XXXXXXXX	XXX	X	X	XXX	X	XX	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	
NEA	X	X												XX	X	X	X			XXX	X	X	X	XX	XX	X	XX	XX	XX	X	X		
NEV		XX																															
NEW	XX	XXX	XX	XX	X	X		XXXX	X	XXXX	XXXX	XX		XX	XXXX	X	XXXX		XXXX	XXXX	XXX	XX	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		
NPS	X	XX	XX	X	X			XXXX	X	X	X			XX	X		X						XX	X					XX	XXX		
NRA0	X	XX	X	XXX		X			X	XX	X	XX			X	X	XXXX	X	XX	X		X	XXX		X	X	X	X	X	X	XX	
NR1										X	XXX	XXX	X	XXXX	XX	X	XX	XX	X			X	XX	XX	X	XX	X	XX	X	X	XX	
NST	X	XXXXXXXXXX	X	X	X	XX	XX	XXX	XXXX	XX	X	X	XXX	XXX	XX	X			XX	X	X	XX	XXX	XXX	XX	XX	X	X	X	XX	X	
NUR	XXXXXXXXXX		XXXXX	X	XXXXX	XX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXX	XX	X	XX	XXXXXXXXXXXXXXXXXXXX	XX	X	XX			XXXXXXXXXXXXXXXXXX	X	X	XXX	XXXX	XX	XXXXXXXXXX	X	X	XX	X	XX	XX	
NVL	X	XXXX	X	XX	XX	XXXX	XXXX	XXXXXXXXXX	X	X			XXX	XXX	X	X	X	XX	XXX	X			X	XX	X	X	X	X	X	X	XX	
NWRM		XXX					X	XX	X					X	X	X			X	X			X									
OBN	XX	XXXX	X	XXXX	X	X	XXX	XX	XXX	XXXX	XXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXX	XXXX	XX	XXXX	XXXX	XX	X			XXXX	XXXX	XX	X	XXXXXXXXXXXXXXXXXXXX					
OCO		XXXXXXXX	X	X	X																											
ODD1		X	X					X			X	X			X	X	X		XX	X	X		X						X			
OFUJ	X	XX		XX	X	X	X	XX	X	X	XXXX	X	XXXXXXXXXXXX		XX	XX	X	X		X	XXX	XXX		X	X	X	X	XXXX	XXX	X	XX	
OGA	X	X					XX	XX	XXX	X	X	X	X	XX			X			XX			X				X	X	X	XX		
OHR	XXXXXXXX	XXXXXXXXXX	X	XXXXX	X	XXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
OJC	XXX	XXXX	X	XXX	X	X	XXX	XXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
OJEN		X						X	X	X				X									X	X	X				X	X		
OLY		XXXXXXXXXX	X		XX	X	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XX	XXX	X	X	X	XX	X	X	X	X	X	X	X	X	XXXX	
OPT		X		X	X		XXXXX	X	X		XXX			X	XX	X	X	X	X	X	X	X	X	X	XXX	X	X	XX	X	X	XX	
ORO	X	XX	X			XX	XX	X	XX	X	X	X	XXX	XX			X		X	X			X		XX		X	X	X	XXX		
ORV	XX	XXX	XX	XXX	X	X	XX	XXXX	XX	XX	XXXX	XX	XXXX	XXXXXXXXXXXX	X	XX	X	XXX	XX	XXXXXX	XX	XXX	XX	XXX	XX	XXX	XX	XX	X	XXX	X	
OSS	X	XXX					X	XX	XX	XXX	X	X		X	X	XX		XX	XX	XX		XX	XX	XX		X		X	XX	X		
OUR	XXXXXX	X	X	XXXX	X	XXX	XXXX	X	XXXXXX	XXXXXX	XXXXXX	X		XXXXXX	XXX	XXX		XX	XXX	XXXXXXXXXXXX	XXX	XXX	XXX	X	XXXXXX							
OXX	X	XX	X	XXX	X	XX	X	XXXXXX	XXXX	X	X	XXXX	XXXXXXXXXXXX	XXXX	XXX	X	XX	X	X	XX	X	X	X	X	XX	X	XXX	XXX	XX	XXX		
PAE	XXXX			X	X			X	X	XX			X	X					XX			X	X		X		X					
PAF	X	X				X					X			X								X	X	X	X	X	X	X	X	X		
PAG	XX	X		XX		XXXX	X	X	X					X	X					X	XX	XX		XXXX		X	X	XX	XXXX			
PAIG	XXXX	X	X	XXXX	X	XXX	XX	X	XXXX	X	XXX	X	XXXX	XX	XXX	X	X		XXXXXX	XXXXXXXXXXXX	XXX	XXXXXXXXXX	X	XXXXXXXXXX		X	XXXXXX					
PAX	X	X				X	X	X	XXX	X	XX	X	X	X			X		XXX	X	X	XX	XX	XX		XX	XX	X	X			
PBJ	X	XXXXXXXXXXXX	XXXX	X	XXXXXX	X	X	X	X	X	XXXX	XXXX	XX	XXXXXX																		
PCA		X	X				X	X			XX	XX	X	X			X	X									X	X				
PCC	XX	X				X	XXX	X	X		XX	X	X	X	X			X	X			X	XX				X	X	X	X		
PCH	X	XX	X	X	X	XX	X	XXXX	X		XX	XX	XX	XXXX	X	XX	XX	X	X	XX		XXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
PCI	XXXXXX	XXXXXXXX	X			XX	XX		XXX		XXXXXX	XXX	X	XXX	XXXXXX							XX	X	XXX	XXXX	X						
PCO	XX	X				X																										
PCP	X	X	X	X	X	XX	XX	XXXXXXXXXX	X	X	XXX	XXX	X	XXX	X	XX	X	X	X	X	X	X	XX		XX		X	X	XXX	XXXX		
PDA	XX						X	X		X	X			X					X	X		X										
PDB	X		X	X		XXXXX	X	X		XXX		XXX	X	XXX	X	XX	X	X	X	X	X	X	X	X	X	X	XX	XX	X	X		
PDCR							XX	X			X	XXXXXX	XX	X	XXX	X	XXX	X	X	XXX	XX	XXX	XX	XX	XX	XX	XX	XX	XX	XX		
PEC	XXXXXXXX	XXXXXX	X	XXXXX	X	XXXXXXXXXX	XXXX	XX	XXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
PEL	X	XX	X	X	X	XXX	X	XXXXX	X		XXX	XX	XX	XXXXXX	X	XXXXXX		X	XX		XXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	
PET	X								X				X	XXX	XX	X				X	XX	X	X	X	X	X	XX	XX	X	XX		
PGB	X		X	X				XXX	X	X	X										X		X	X	X	X	X	XXX				
PGC	XX	XXXX	X		X	X	X	XXXXXXXX	X	X	XXXX	X	XXXX	X	XXXX							XX	X	X	X	X	XX	XX	XX	XX		
PGD	X	X	X		X	X	X	XXXX	X	XX	XXXX	XXX	X	X	XX	XXX	XX	X	XXXX	X	X	XX	XXXX	X	X	X	X	XX	XXXX			
PGF	X	X	X		X	XXX	XX	XXXX	XXXXXXXX	X	XX	XX	XXXX	XXX	XX	XXXXXX	X	XXX	XXXX	X	XXX	XXXX	XXX	XX	XX	XXX	X	X	XXXX			
PGP	XX	X	XX	XXXX	XXX	XXX	XX	XXXX	XXXX	X	XXXX	X	X	XXXX		X	X	XXXXX	XX	XX	X	XXX	X	XXX	X	XXX	X	XXXX	X	XXXX		
PGZ	X	X	X	X	X	X	XX	XX																								
PHAM	X	XXXX	X	X	X	XX	XX	XX	X	XX	X	XXXX	X	XXX	X	XXXX	X	XXXX	X		XX	XXXX	X	XXX	X	XX	XX	XXX				
PHP							X	XX	XXXXXX	X		X	X	X						X	X	XX	XXX	X	XXXX	X	XX	XXXX				
P11	X							X	X	XX	X	X	X	X	XX						XX	X	X	X		X	X	X	XXXX			
PIP																				XX	X	XX									XXXXXX	
PJG			XX															XX	XX	X	XX	X	X	X	XX	X	XXXXXXXXXX	X	X	X		
PKEM	X	XX	X	X	X	X	X	XX	X	X	XXX	X	XX	X	X	X	X	X	XX	X	X	XXX				X	XXXXXX	XXXX	XXXX	XXXX		
PKI	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	
PLAT	X							X	X	XXX				X								X	X	X		XX		X				
PLBC			X	X			X				X	X					X	XX														
PLD	XX		X			X	XXX	X	X	X																	X		XX			
PLDF											X	X																				
PLE	XX	X	X	X	XX	X	X	XX	XX	XX	X	X	X	XXXX	X	X	X	X	X	X	XX	XXX	XXX	XXX	XXX	XX	XX	X	XXXX			
PLM	XXXXXXXXXXXX	X	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXXXXXXXXXX	X	XXXX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXXXX	XX	XXXX	X	XX	X	XXXX	XXXX				
PLP	XXXXXX	XX	XX	XXX	X	XXXX	XXX	XXXX	XXXXXXXXXXXX	XXXX	X	XXX	XXXX	X	XX	XX	X	XXXX	XXXX	X	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	X	
PLRM	X	X		X	XXX	X	X	XXX	X	XX	X			X	X	X	X		XXX	X	X	XX	XXX	XX		XX	XX	X	X			
PMG	X	XXXXXXXXXXXX	XXX	XXXX	XXXX	XXXX	XXXXXXXXXXXX	X	XXXXXX	XXX	XXXXXXXXXX	X	XXXX	XXXX	XXXXXX	X	XXX	XXXX	XXXXXXXXXX	XXX	XXX	XXXXXXXXXX	XXX	XXX	XXXXXXXXXXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX		
PMO	XXXX		X	X				X	XX					X								X				X	X	X	X			
PMR	X	XXXX	X	X	X	X	XXXX	XXXX	XXXXXXXXXXXX	X	X	XXXX	XX	XXXX	X	X		XXXX	XXX	XX	XXX	X	XXXXXX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX		
PMS	X	XXX	X	X	X	X	XXXXXX	X	XX	X	XXX	X	X	XXX	XX	X	X		XXX	X	X	X	XX	XXX	XXXXXX	XX	XX	XXX				
PNJ	XXXX			X	X	X			X	X				X													X	XX				
PNL		X	X				X				XX	XX	X	X			X	X														
POF	X	XX																														
POO	X	XXX	X	X	X	XX	X	XXXX	XX	X	XXXX	X	XX	XXXX	X	XX	X		XXX	X	X	XXX	X	XXX	X	XX	X	X	XXX	XX	XX	
PORP	XXXXXX	X	X	XX	X		X	X		X	X	X	XXX	X	XX	XXXX	X	X	XX		X	X		X	X	X	X	X	XX	X	XXX	X
PPCY	X							XX	X		XX	X	X	X							X	XXX										

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PRS		XX	X		X	X		X	XXXXXX	X	X	X	XXX	X	X	X	X		X	X			XXXX					X	X	X	XXX		
PRU	X	X	XXXXXX	XXXXX	X	X	XX	XX	XXX	XXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXX	XX	XXXXXX	XXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXX			
PRZ										X	XXX	X	X	XX	X				X				X	XX	X	X	XXX	XXXX	XX	XX	XX		
PSN	X							X		XX	XX																				X		
PSZ		X								XX	XXXXXX	X	XX		XXXXXX	XX	X	XXX	X	XXXX	XXXXXX	XXXXXX	XXXXXX	X	X	XX	X	X	XXXX	XXXXXX	X		
PTE	X	X		X	XX		X	XXX	X	X	XXX	X	XXXX	X	X	X	X	XXX	X	XXX	X	X	XXXX	XXXX	X	X	XX	X	X	XXXX	XXXXXX	X	
PTI		XXXX	XX	X		X	X	X	XXXX	XX	XX	X	X	X	X	XXXXXX	X	X	XX		X	X	X	X			X	X	X	X	XXXXXX	X	
PTJ	XXXXXXXX	X	X	XX	XX			XXX	XXX	XXX	XXX	XX	X	X	X	XXXX	XXXX	X	X	XX	X	X	X	X	X	XXXX	X	XXXX	XXX	X	X	XXXX	X
PTT	X	X						XX		XX	X	XX	X											XX		XXXX	XXX	X	X	XXXX	X	XXXX	X
PUL		X									X	XXX	X		XX	X		X	X	X	X	XX	X	X	X	X	X	XX	XX	X	XX	XX	
PV10						X	X	X	XX	XX	X	XX	XXXX	X	X	XXXX	XXXXXX	X	XXX	X	XXX	XX	XX	X	X	X	X	X	X	X	X	XX	
PVC		XX	X		X	XX	X	XX		XXXXXX	XXXX	XX		X	X	X		XX	X		XX	XX	X	X	X	X	X	X	X	X	XX	XXXX	
PVL	XX			X				X	XXX		X	X													X	X					X	XX	
PVY	XXX	X		X	X	XX	X	X	XX	XX	XX	X	X	X	XXXX	X	X	X	X	X	X	X	XX	XXX	XXX	XXX	XXXX	XX	X	XXXX	XXXX	XX	
PWA	X	XXX				X	XXX	X	X		XX	XX	X	X	X	XX	X	X	X	XXX	X	X	XX	XXX	XX	X	XX	XX	XX	XXXX	XXXX	XX	
PWLA		XXXXXXXXXXXX		X	XX	XX	XXX	X	X	X	X	X	XXX	X	XXXX	XX	XXXX	X	XX	X	X	X	X	X	X	X	X	X	X	XX	XX	XX	
PYA										X	XXX	X		X	XXX	X		X	X	X	X	X	X	X	X	X	X	X	X	XX	XX	XX	
PYM					X			X	X	XX	X	X	X		X									X						XX	XX	XX	
PZI											X																			X	X	XX	
PZZ	X	X		X	X	X	X	XXX	X	XX		XX	X	XXXX	X	XX		XXX	XX	XXXX	X	X	XXX	XXX	XXX	XX		XXX	X	XXX	XXXX	XXXX	
QASM	X	X		X		X	X	X	X	XX	X	XXXXXX	X	X		XX			XX				X	XX			XX		X				
QCP		X								XX	X	X	X		X	XX																	
QCR		XXXX				X	X			XXXX	X	X			X																X	X	
QIS	XX	XXXXXXXX	X	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XX	XXXXXXXXXX	XXX	XXXX	XX	XXXX	XXX	XXX	X	XX		X	XXXXXXXX	X	XX		XXXXXXXX	X	XX	XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
QIZ	X	XXXX		X	X	X	XX	XXX	X	XX	XXXX	XX	X	X	XXX	XXX		XX					XX	XX	X	XX	X	X	X	X	XX	X	
QLP	X	X	X	X	X	X	X	X	X	X	X	XX	XX	X	X		X	X	X				XXXXXX	X		X	XX	XX	X	XX	XX	XX	
QRZ	X	X	XX		X	XX	X	X	XX	XXXX																							
QTFJ						X	X			X	X	X			X	X														X			
QTRJ		X							XX	X	X				X	X																	
QVP	X	X						X	X	XXX	X		X	X	XX						XX	XX		X	X	X		X	X			XXX	
QZH	X	X						X	XX	X	X	X		X	X	X	XXX						XX	XX		X	XX	XX	X	XX	XX	XX	
RAB	XX	XX		XX		XX		X	XX	X				XX	X	XX	X	X				XXXXXX	X		X	X	XX	X	X	XX	XX	XX	
RAC	X	X	X			X	X			XXXX	XX	X														XX	X	X	X	XX	XX	XX	
RAGM				X	X		X	XX	X	X	XX	X	XX	XX	X	X	X	XXX		XX	X	X	X	X	X	X	X	XX	XX	XX	XX	XX	
RAO			X		X			XX	XX	XX	X	XX	X	X	X		X			X		X	X	XX	X	X	XX	X	XX	X	XX	XX	
RDN			X	X	X		XX	XX	X		XX	X			X	X	X	X	XXX	X	X		X	X	X	X	X	X	X	X	XX	XX	
RDP	X		X	XX	XX			XX	XX	XX	X			X	X	X	X	X		X	X	X	X	X	X	X	XXXX	XX	XX	XX	XX	XX	
RDT	X	X		X	X		X	XXXXXX	X	X		XXX	X	X	XX	X	X	X	XXX	X	X	X	XX	X	XX	X	XX	XX	XX	XX	XX	XX	
RDW	X	X		X	X			XXXX	X	X	XXX	XXX	X	X	XX	X	X	X	XXX	X	X	X	X	XXX	X	X	XX	X	XX	XX	XX	XX	
RED																																	
REF	X	XXXX	X	X	XXXX		XX	XXXXXX	X	XXX	XXXX	X	XXX	X	XXXXXX	XXXX	X	XX		XXX	X	XXXX	X	XXX	X	XXXXXX	X	XX	XXXX	XX	XX		
RFI											X	X			X								X				X				X	XX	
RIV	X	X																															
RIY			X					X	XXX	XXX		XX		X	X							X	X	X			X	X	X	XX	XX	XX	
RJF	X	XXX	X	X	XXX		X	XXX	XXXX	XX	XXX	XXXXXXXXXX	XXXXXX	XXXX	X	X	XXXX	XXXXXXXXXX	XXXX	X	XXXX	XXXX	X	XXXX	XXXX	XX	XXX	X	XXXXXXXXXX	XXXX	XXXX	XXXX	
RKG	X	XX	X		X	X		X	XX	XX	X	X		X	X	X		X				X	X										
RLO		XX				XX	XXXXXX	XX	XX																								
RMN									X	X	X	XX													X	X	XX		X	X			
RMP	X			X	X	XX		XX	XX	XX	X		X	X	X	X	X					X	X	X	X	X	X	X	X	XX	XX	XX	
RMO		XXX	X	XXX	XX	XXXX	X		XXXX	XXX	XX	X	X		XXX	XX	XXXXXXXXXX	X	X	XXX		XX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	XX	XXXX	XXXX	XXXX	
RMW	XX	XXXX	X	X	X	XX	X	XXXX	X	XXXXXXXXXX	XX	XX	X	X	XXXX	X	XXX	XXXX	X	X	X	X	X	X	X	X	X	X	X	XXXX	XXXX	XXXX	
RND	X		X				X	X	X	X	X	X	X	X	X	X	X	XX		XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	
ROB	X	X		X	X	X		XX	XX	XX	XX	XXX	X	X	XXXXXXXX	X	XXX	X	XX		X	X	X	XX	X	X	XX	X	X	XX	XX	XX	
ROCH	X	XX	X	X	X		XX	X	XXXX	X		XX	XX	XX	XXXX	X	XXX	XX	X	X	XX		XXX	XXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
RRL	X	X		X	X	X	X	XX	XX	X	XXXX	X	X		XXXXXXXX	X	XX	X	XXXX	X	X	XXX	XXX	X	XX	XX	X	XX	XX	XX	XX	XX	
RRO			XX	X		X		XX		X	XXXXXX	XX																					
RS1	X	X		X	X		X	XXXX	X	X	XXX	XXX	X	X	XX	X	X	X	XXX	X	X	X	X	X	X	X	X	X	XX	XX	X		
RS2	X	X		X	X			XXXX	X	X	XXX	XXX	X		X	XX	X	X	XXX	X	X	X	X	X	X	XXX	X	X	XX	XX	X		
RSL	X	X				X			X	XX	XXX	X	X		XX	X	X		X	XX	X												
RSM	X								XX	XX	XXX	X	X	X																			
RSNY		XXXXXXXX	XXX	XXXX	X	X	XXXXXX	XX	XXXXXXXXXXXX	XX	XX	X	XXXX	XX	XXX	X	XX		XXXXXX	X	X	XXX	X	X	X	XXXXXX	X	XX	XXXX	XXXX	XXXX	XXXX	
RSO	X	X		X	X		X	XXXX	X	XXXX	X	XXX	X	X	X	X	X		XXX	X	X	X	X	X	X	X	X	X	XX	XX	X		
RSP	X	X		X	X	X	XX	XX	XX	XXXX	X		XXX	XX	X	XX	X	XXXX	X	X	X	XXX	X	X	X	X	X	X	X	XXX	XXXX	XXXX	
RSSD	XX	XXXXXXXXXX		X	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXXXXXX	XXXX	X	X	XXXX	XX	X	XXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
RSTA																																	
RTBS			XX	X	X	X	XX	X	X		XXX	XX		XX	XX	X																	
RTCB		XXX	XX	X		XX	XXXXXX	X	X	XXX	XX	XXX	XXXXXX	XX	XXXXXXXXXXXX	X	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
RTCV			XX	X	X	X	XX	X	XX		XX	XXX	XXXXXX	XX	XX	XXXXXX	X	XX	X	XXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
RTLL	X	X	XX			X	X	XXX	X	X		XX	XX	X	X	XXXXXX																	
RTPR			XX		XXX	XX	X					XX	XX	X	XXXXXX	X		XXX	XXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	
RUP		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				
SAP	x	x				x				x	x				x														x		x			
SBF	x	xxxx	x	x	x		x	xx	xx	xxx	xx	xxxxxxxx	x	xx	xxxxxx	xx	xx	xxxxxx	x	xxxx	xxxx	x	xxxx	xxxx	xx	xxxx	xx	xx	xx	x	xx			
SCM	x	x		x				x	x	xx	xxx	x	xx	x	x			x	x	xxx	x	x	x	xx	xxx	xx	x	xx	xx	x	xx			
SCX	x	x	x		x		xx	x	x	xx	x	x	xx	xxx	xxx	x	x	x				x	xxx	x	x	x	xx	xxx	xxx					
SDA	x	x	x		x	x				xx	xxxxxx	x		x	x	x					x	x	xx	xx	x	xxxx	x	x	x		x			
SDG	x	x					x	x	x	x	xx	x	xx	x	x					xxx	x	x	x	xx	xx	xx	x	xx	xx	x	x			
SDN	x	xxxx				x	x	xx	x	x		x	xxx	x						xxx	x	x	x	xx	xx	xx	x	xx	xx	x	x			
SDV	x	x	xx	x	x	x	x	x	xxxx	x	xxx	x	x	x						xx	xx	xxx	x	x	x	xxxx		xxxxxxxxxxxxxxxx						
SEK	x	xx																																
SES	xx	xxxxxxxx	x	x	x	x	xxxxxxx		x	xxxxxxxxxxxxxx	xx	x	xxxxxxxxxxxxxx	xxxx						xxx	xx			xxx	xxx	xx	x	x	xxx	x	xxx			
SEW				x	xx		x	xxxxx	x	x	xxx	x	xx	x		x	x	x	x	xxx	x	x	x	xx	x	xx	x	xx	xx	x	x			
SFI																x										xxx	x	x	x	xxx	xxxx			
SGAM				x	x		x	xx	x	x	xx	xx	x	x	x					xxx	x	x		xx	xx	xxx	x	x	x	xx	x	xx		
SGKT	x	xxxx		x			xx		x	x	xxx		x	xxxxxx	x					x		x	xxxx	xxx		x	x	xx	x	xx	x	xxx		
SGO	xxx	xx	x		x	xx	xxx	xxx	xxxxxxxxxx					x	xx	x					x	x	xxx	xxx		x	xx	xxx	xx	xxxxxx				
SGS	xxxxxxx	xx			x	x	xxxx	xx	x	x	x	x	x		x	xx				xx	x	x						x	x	x	xxx			
SHE											x	xxx																						
SHL	xxxxxx	xxxxxx																		xxxxxxxxxx	xx			xx	xxxx	xxx		xxx	x	xxxxx				
SHMJ		x					x			xxx	x	x				x	x																	
SHNJ	x	x			x	x			xx	x		x			x	x	x	x	x									xx	x	x	xx	x		
SHW	x	xxxx				x	x	x	x	xxxxxx	x	x	x	xx	x	xxx	xx			x				xxx		x		x	xx	xx	xx	x		
SIM		xx									x	xx	x	xx	xx							x				x	x	x	xx	x	xx	x		
SIO		x				x	xxxxx		x	xx	x	xx	xxx													xx	xx	x	x	x	x	xx		
SIT	x	xxxx		x		x	x	xx	x	xx	xx	x	x	x	x	x	x	x	x	xx	x						x	xx	x	xx	xxx	xx	x	
SIV	xxxxxxxxxxxxx																															xxxxx		
SJG	x			x	x	x		x	x	x		x	xx	x		x	x			x											x	xxx	x	
SJS	xxxx				x	x			xxx	x	x				x																	x	x	
SKO	xxxxxxxxxxxx	xxxx	xxx			xx	xxx	xxxxxxxxxxxxxx	xx	xx	xxxxxxxxxxxxxxxxxxxxxx	x	x	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx	xx	xxxxxxxxxxxxxxxxxxxxxx
SKR															x	x	x	xx														xx		
SKT	x	x		x	x		x	xx	x	x	xxx	x	xxx	x		xx				xxx	x	x	x	xx	xxx	xxx	xx	xx	xx	xx	xx	x	x	
SLA	xxxxxxxxxxxxxx	x				xxxxxxxxxxxxxx				xxxxxxxxxxxxxx	xxxxx	xx	xxxxxxxx	xxxxxxxxxx	xx	xxxxxxxx	xxxxxxxxxx	xx	xxxxxxxx	xxxxxxxxxx	xx													

[illegible]

The following stations each reported less than 10 readings:

AAK	AD1	AEK1	AGMR	AGRW	AKH	AKSR	ALB	ALE	ALPW	AMR	AMW	ANAT	ANGW	ANMO	APE	APKW	APO
ARC	ARV1	ASKD	ASR	ASW	ATA	ATZ	AVOW	BAF	BAG	BBB	BBL	BBT	BCZ	BEAW	BER	BERF	BERT
BFT	BGB	BGG	BGMT	B1B	B1R	BJO	BKR	BLE	BLG	BLN	BLS	BLT	BLW	BMR	BMTN	BNB	BOH
BOT	BP8C	BPI	BPO	BRDG	BRK	BRN1	BRVW	BST	BSZ	BTB	BUD	BUN1	BUS	BUT	BVA	BVW	BWZ
CALA	CALN	CBB	CBSW	CCW	CDFW	CDH1	CDM	CE1	CER	CFTV	CGL	CHAF	CH1E	CHO1	CHTO	C1R	C1S
CIW	CMCZ	CME	CMW	CNZ	COL	COLW	COR	CPW	CPY	CPZ	CRF	CROR	CTAO	CTFE	CTS	CWB	CZM
DAF	DBO	DCO	DHB	DHH	DHJN	DHLJ	DHW2	DIW	DLM	DOG	DOMF	DRZ	DVD	DWY	EBG	EB1	ECO
EDB	EDR	ELT	ELYF	EML	EMN	ENSF	EPH	EPH	EPR	ERK	ERM	ESCF	ESD	ET3	ETB	ETW	EWZ
EZAM	FBO	FG2	FG3	FG4	FL2	FLAG	FLAS	FMA	FMT	FMW	FOO	FORC	FRG	FRO	FYU	GBL	GBR
GCD	GCG	GDR	GELF	GFP	GGC	G1M	GL2	GLH	GLK	GLR	GMN	GMR	GRA2	GRA1	GRB4	GRB5	GRC1
GRC3	GRFO	GRT	GSH	GSM	GT2	GULW	GUM	GUM2	GVMR	GYN	GWJ	GWY	HAE	HAY1	HBM1	HBO	HCG
HCR	HDW	HEX	HGH	H1A	H1TJ	HKL	HLD	HMDT	HNB	HOJ	HOLB	HOR	HPE	HPO	HRY	HSA	H5O
HTL	HTR	HTW	HVD	HYF	HYT	IAS	IRZ2	JAU	JBO	JCW	JLK	JON	JOZ	JTS	KAB	KALI	KCHT
KCI	KEF	KIP	KKH	KLL	KLM	KMO	KMOR	KMSA	KMTA	KOSW	KRNA	KRO	KSHT	KSU	LAL	LCH	LC1
LCL	LFU	LHE	LIJA	L1O	L1S	LKGA	LLAV	LM1	LMW	LMZ	LNAS	LNO2	LNO3	LNOR	LOCW	LOHW	LOMS
LOP	LPD	LRCZ	LSCZ	LSK	LSM	LTMT	LVP	MAHZ	MART	MBW	MBZ	MCA	MCMT	MCY	MD1	MDRJ	MEDT
MEMT	MENF	MEN1	MGB	MGM	MHA	MHC	MHZ	M1M	MJ2	MKT	MMCZ	MML	MMR	MNZ	MOH	MOOW	MOTN
MOW	MPOR	MOZ	MRSJ	MSZ	MT1	MTMW	MUDI	MV1F	MWC	MXC	MZP	NAB	NAC	NAH	NAOJ	NGH	NGZ
NIN1	N1Z	NLO	NLW	NMCC	NNL	NOP	NPN	NRZ	NTYM	NVS	OAR	OBC	OBO	OCM	OD2	ODZ	OGE
OHW	OLLA	ONI	ONR	OOW	OPA	OSP	OSR	OT2	OTR	OZB	PAC1	PACW	PAHZ	PAND	PANV	PAS	PAS1
PATZ	PCF	PCG	PCJ	PD1N	PEM	PEN1	PERF	PFB	PFO	PGO	PGW	PHC	P1CO	P1G	P1M	P1N1	PKK
PLG	POA2	PPK	PRAF	PRG	PRN	PRN1	PRP	PRW	PRY	PTS	PUL1	PUYF	PVPS	PVRC	PYAT	QCS	QPS

QSM	QZA	QZG	RAMW	RAR	RBA	RCP2	RDJ	REDW	REMR	REVF	REY	RGS	RIN3	RKT	RNO	RPW	RSW
RUWJ	RVC	RVW	SALF	SAW	SBA	SBC	SBCZ	SBS	SCE	SCP	SCY	SDH	SEG	SEY	SFG	SFS	SGH
SGNT	SGV	SHB	SHK	SHO	SHRG	SHWJ	SJAS	SKI	SLTN	SMV	SMW	SNB	SNOW	SNS	SNZO	SOA	SONG
SOSW	SPRG	SRBF	SRG	SSOR	SSP	STB	STD	STEW	STR	STW	SUF	SUR	SVP	SVV	SXM	SYA	TANI
TARW	TATO	TAVF	TAZ	TBI	TBM	TBT	TCNV	TCW	TDD	TDH	TDL	TDM	TER	TKO	TLC	TLE	TMBR
TME	TMO	TOD	TPAW	TPR	TPRS	TPU	TREF	TRGS	TRO	TROT	TRXW	TTH	TUH	TUP	TUZ	TWG	TWK
TWM1	TWO	TWW	TWZ	TXNY	UPA	URS	URSC	UTU	VBEM	VDB	VDCF	VGZ	VIB	VILF	VLA	VLL	VLMM
VPD	VSS	VTG	VTHM	VTU	WAH2	WAH3	WCT	WEL	WFB	WHB	WIW	WLZ	WPB	WPM	WPW	WRD	WRN
WTV	XDE	YKU	YLL	YMT1	YMT2	YMT3	YMT4	YMT5	YMT6	YPE	YRC	YRE	YRH	ZGN			