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GEOLOGICAL SURVEY

EARTHQUAKE DATA REPORT

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by

U.S. Geological Survey
NATIONAL EARTHQUAKE INFORMATION CENTER¹

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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 RRPg 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.

* NOV 01, 1992 00h 04m 30.89 ± 1.12s
12.210 N ± 14.7km 87.782 W ± 13.1km
DEPTH = 33.0km (normal)
4.7mb (6 obs.)

NEAR COAST OF NICARAGUA (74)

PRM	22.33	12	eP	09 28.14	0.9
UYO	22.69	346	iPc	09 31.80	1.0
JSC	22.76	14	eP	09 31.49	0.0
MIAR	22.85	348	ePc	09 33.16	0.8
	0.8s	22.09nm		4.7mb	
LHS	23.06	15	eP	09 34.95	0.5
VVO	24.13	344	eP	09 45.90	1.1
		i		09 47.50	
MEO	24.52	338	iPc	09 48.50	-0.2
FNO	24.55	341	iPd	09 49.20	0.3
TUL	24.68	344	eP	09 50.60	0.4
	0.8s	74.90nm		5.3mb	
Z	22s	0.13um		3.4MszX	
		e		09 52.00	
		e		09 59.10	
		LR		22 10.00	
LNO	24.68	344	eP	09 50.10	0.0
RLO	24.73	346	eP	10 04.80	14.2X
CEH	24.85	17	eP	09 50.47	-1.3
	0.8s	29.00nm		4.9mb	
ELC	25.00	357	eP	09 52.03	-1.2
ACO	26.44	339	iPd	10 06.30	-0.4
SRU	33.54	327	(P)	11 09.55	-0.4
RSNY	34.17	17	eP	11 13.12	-2.1
	0.8s	13.52nm		4.9mb	
RSSD	34.74	339	eP	11 20.62	0.3
	0.7s	2.43nm		4.2mb	
DAU	34.87	328	(P)	11 22.20	0.6
EEO	35.10	10	eP	11 23.50	0.4
BW06	35.84	332	eP	11 28.50	-1.2
	0.9s	3.53nm		4.3mb	
HMAI	37.57	330	(P)	11 43.32	-0.8
ULM	38.51	352	ePd	11 54.90	3.1X
LMN	38.79	26	eP	11 55.50	1.3
LRM	39.51	333	eP	12 00.40	-0.1
SES	42.58	338	eP	12 25.00	-0.4
JAO	42.58	11	eP	12 21.50	-3.8X
WRA	138.89	254	PKP	23 57.20	0.6
	0.6s	0.50nm			
HYB	147.62	25	ePKP	24 08.90	-2.8X
CHG	148.47	348	ePKP	24 12.80	-0.2
	1.0s	10.50nm			
GBA	150.46	30	PKP	24 18.00	2.0X

S.D. = 0.9 on 25 of 30 obs.

* NOV 01, 1992 00h 23m 06.85 ± 1.58s
35.258 N ± 13.3km 69.502 E ± 7.6km
DEPTH = 48.3 ± 17.1 km
4.5mb (7 obs.)

HINDU KUSH REGION, AFGHANISTAN (718)

QUE	5.49	204	eP	24 28.40	0.0
		eS		25 38.60	
MAIO	8.20	280	iPnc	25 06.70	0.6
	0.8s	7.69nm		4.6mb	
		eSn		26 35.00	
NDI	9.26	133	iPd	25 22.00	1.3
	0.5s	10.56nm		5.2mb	
GKN	14.77	115	P	26 33.64	-0.9
DMN	15.34	116	P	26 40.66	-1.3
KKN	15.37	115	P	26 41.74	-0.5
PKI	15.58	115	P	26 44.04	-1.1
GUN	15.75	113	P	26 47.52	0.2
HYB	19.51	153	eP	27 35.20	2.1
		eS		31 21.20	
GBA	22.72	160	P	28 10.00	4.4X
		S		33 16.00	
KAF	38.03	329	eP	30 22.40	0.6
HFS	43.31	323	eP	31 05.60	0.3
	0.5s	1.60nm		4.0mb	
NB2	44.65	324	P	31 16.80	0.6
	0.6s	2.00nm		4.1mb	
BCAO	56.08	249	iPd	32 42.00	-1.7
	0.6s	11.00nm		5.1mb	
KIC	73.49	266	P	34 35.80	-0.8
TIC	73.56	267	P	34 36.20	-0.8
LIC	73.80	266	P	34 37.60	-0.8
WRA	82.39	121	P	35 29.00	3.7X
	0.7s	1.10nm		4.0mb	
WB2	82.39	121	eP	35 27.50	2.2

0.4s 4.80nm 4.9mb
S.D. = 1.3 on 17 of 19 obs.

* NOV 01, 1992 00h 42m 58.20 ± 1.30s
37.360 N ± 9.7km 144.379 E ± 12.9km
DEPTH = 33.0km (normal)
3.8mb (2 obs.)

OFF EAST COAST OF HONSHU, JAPAN (229)

OFUJ	2.74	310	iP+	43 41.10	0.2
		eS		44 10.30	
YAMJ	3.54	285	eP	43 52.90	0.7
		eS		44 31.40	
KAKJ	3.57	252	P	43 51.40	-1.2
		S		44 28.60	
NIJJ	4.29	270	P	44 03.30	0.4
CHJJ	4.52	255	P	44 05.20	-1.0
		S		44 51.90	
MAT	5.01	262	iPc	44 13.50	0.3
		eS		45 07.00	
HOJJ	5.09	351	eP	44 14.30	0.1
		eS		45 08.10	
MRRJ	5.66	334	eP	44 22.40	0.2
		eS		45 19.70	
KUSJ	5.74	2	eP	44 21.70	-1.6
		eS		45 22.00	
ASAJ	6.88	349	eP	44 38.00	-0.6
		eS		45 52.20	
WB2	57.77	191	eP	52 59.40	10.9X
	0.5s	3.90nm			
WRA	57.77	191	P	52 48.30	-0.2
	0.6s	0.70nm		3.9mb	
GEC2	83.65	330	ePd	55 27.40	2.6
	0.6s	0.30nm		3.6mb	
		e		55 33.60	

S.D. = 1.2 on 12 of 13 obs.

* NOV 01, 1992 01h 05m 01.35s
35.320 N 118.566 W
DEPTH = 0.1km
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 2.8 (PAS), 2.6 (GS).

ISA	0.35	12	ePnc	05 07.84	-0.5
		eS		05 12.64	
ABL	0.71	229	ePn	05 14.82	-0.8
BCH	1.25	264	ePn	05 23.68	-1.9
SSK	1.32	147	ePn	05 25.81	-1.0
		eS		05 44.12	
GSC	1.44	90	ePn	05 27.41	-1.3
		iPg		05 29.10	
		eS		05 48.70	
PHAM	1.58	290	eP	05 30.18	-0.5
PEC	1.84	140	eP	05 33.28	-1.2
		eS		05 57.31	
MEMM	2.36	353	ePn	05 42.74	0.8
		eS		06 13.72	
PLM	2.42	144	ePn	05 42.00	-1.0
BONR	2.64	5	ePg	05 49.59	3.4
TNP	2.96	21	ePg	05 56.46	5.7
	11 obs.	associated			

NOV 01, 1992 01h 12m 56.66 ± 1.37s
14.875 S ± 5.8km 166.700 E ± 4.6km
DEPTH = 59.0 ± 11.8 km
5.2mb (32 obs.) 4.7Msz (8 obs.)
VANUATU ISLANDS (186)

BKM	3.15	152	iPc	13 44.20	-0.7
		iS		14 29.50	
PVC	3.24	152	iP	13 45.00	-1.2
DZM	7.16	182	iPc	14 37.20	-4.0X
		iS		15 57.90	
SVO	8.81	309	eP	15 07.00	3.0X
BRS	17.97	224	eP	17 06.00	1.9
PMG	19.86	284	eP	17 26.00	0.3
RMQ	20.35	233	iPd	17 31.60	0.8
	0.9s	64.00nm		5.0mb	
ARMA	20.77	219	iPc	17 35.90	0.7
	1.0s	32.00nm		4.6mb	
WCZ	22.07	163	eP	17 50.10	2.1
OLP	23.98	237	iPc	18 08.00	1.2
	0.6s	16.00nm		4.7mb	
WLZ	24.22	163	eP	18 09.40	0.4
		e		18 12.70	
HBZ	24.87	158	eP	18 16.00	0.9
URZ	25.05	160	eP	18 15.80	-1.0

CMS	25.25	226	eP	18 19.80	0.2
	0.6s	16.00nm		4.7mb	
BWA	25.51	217	eP	18 20.80	-0.5
		iP		18 27.50	24kmX
		e		18 36.40	
PAHZ	25.58	161	eP	18 22.00	0.1
		e		18 24.70	
CNB	25.63	214	eP	18 25.20	2.8
	0.6s	11.00nm		4.5mb	
NOZ	25.68	159	eP	18 22.20	-0.6
		e		18 25.70	
CAN	25.83	215	e(P)	18 22.50	-1.8
WAHZ	26.14	163	eP	18 26.10	-1.0
		e		18 29.20	
MNG	26.77	165	eP	18 31.20	-1.6
		e		18 34.60	
PGZ	26.97	164	eP	18 32.80	-1.8
		e		18 36.20	
THZ	27.33	170	eP	18 37.10	-0.8
LTZ	28.22	171	eP	18 44.20	-1.8
	0.7s	80.00nm		5.5mb	
		e		18 48.90	
STK	28.49	229	iPc	18 48.60	0.2
	0.5s	4.30nm		4.3mb	
		PcP		22 03.70	
BWZ	29.68	175	eP	18 59.10	0.1
WB2	31.24	256	eP	19 11.50	-1.6
	0.5s	5.60nm		4.6mb	
WRA	31.25	256	P	19 12.19	-1.0
ASPA	32.11	249	iPc	19 19.70	-1.0
	0.6s	10.00nm		4.8mb	
Z	19s	0.80um		4.4Msz	
PAE	41.99	100	iP	20 45.10	1.2
	0.8s	50.00nm		5.3mb	
PPT	42.00	100	iP	20 45.10	1.1
	0.8s	60.00nm		5.4mb	
PPN	42.14	100	eP	20 46.00	0.9
	0.8s	25.00nm		5.0mb	
TVO	42.30	100	iP	20 46.90	0.4
	0.8s	55.00nm		5.4mb	
PMO	43.81	96	iP	21 00.40	1.7
	0.9s	60.00nm		5.4mb	
VAH	44.04	97	iP	21 01.90	1.3
	0.9s	35.00nm		5.1mb	
TPT	44.08	96	iP	21 02.50	1.6
	0.9s	30.00nm		5.1mb	
RUV	44.28	97	iP	21 03.90	1.3
	0.9s	45.00nm		5.3mb	
MEEK	46.22	247	eP	21 18.30	0.4
HON	49.94	45	P	21 50.00	3.2X
Z	20s	0.49um		4.5Msz	
MAT	57.78	333	eP	22 43.00	-1.1
SBA	62.99	180	iPc	23 20.00	0.9
SSE	63.25	317	Pd	23 26.20	4.8X
	0.7s	8.00nm		4.9mb	
YSS	65.26	342	ePc	23 33.40	-0.8
	0.7s	20.00nm		5.2mb	
BJI	72.03	321	eP	24 16.50	0.2
	1.4s	72.00nm		5.4mb	
KMI	73.91	302	Pc	24 29.50	1.6
	1.3s	40.00nm		5.2mb	
CHG	74.64	295	eP	24 33.50	1.6
LZH	78.01	313	eP	24 52.00	1.2
	1.6s	72.00nm		5.4mb	
CIT	80.88	330	eP	25 06.80	1.1
YAK	81.99	343	iPc	25 11.10	-0.1
	1.1s	125.00nm		5.8mb	
ANM	82.02	12	eP	25 12.30	1.0
SLKM	82.66	20	eP	25 13.33	-1.5
TTA	82.81	16	eP	25 12.50	-3.1X
PMR	83.82	20	P	25 30.00	9.4X
Z	20s	0.25um		4.6Msz	
PMR	83.82	20	eP	25 20.80	0.2
	1.2s	59.30nm		5.5mb	
BOD	84.31	335	eP	25 22.00	-1.2
	1.2s	16.00nm		4.9mb	
KLU	84.82	21	eP	25 24.87	-0.9
TOA	85.16	20	eP	25 28.60	1.1
ZAK	85.35	325	iPc	25 29.00	0.5
	1.0s	28.00nm		5.3mb	
BALM	85.78	22	eP	25 29.67	-0.9
IMA	85.93	15	eP	25 30.84	

01d 01h

	0.6s	10.47nm	5.2mb	LDF	144.67	345 ePKP	32	27.80	-0.5			iS	39	43.00		
PLM	87.12	55 eP	25 37.05	-0.8		0.7s	35.15nm			SVO	6.28	120 eP	39	50.00	0.0	
GSC	87.83	53 (P)	25 40.81	-0.3	LOR	144.68	340 ePKP	32	27.70	-0.7		eS	41	32.00		
GUN	88.98	299 PKP	25 47.64	0.5		1.0s	38.80nm			HNR	6.54	121 eP	39	54.00	0.5	
PKI	89.28	299 PKP	25 48.72	0.2	PII	144.79	329 PKP	32	27.10	-1.5		eS	41	14.00		
KKN	89.46	299 PKP	25 49.66	0.5	LBF	144.89	339 ePKP	32	28.30	-0.5	LAT	7.28	265 eP	40	01.80	-2.0
DMN	89.55	299 PKP	25 50.16	0.5		1.0s	63.20nm			PMG	7.83	244 eP	40	10.00	-1.3	
TIK	89.99	349 eP	25 50.00	-0.4	LSD	144.97	335 PKP	32	29.28	0.0		eS	41	01.00		
	1.5s	16.00nm	5.1mb	SSF	144.98	340 ePKP	32	28.80	-0.1	DZM	19.80	145 iPd	42	41.30	-2.6	
	e	26 00.00			1.0s	130.80nm			RMQ	21.02	194 eP	42	57.80	1.5		
GKN	90.06	299 PKP	25 51.78	-0.1	RMP	144.99	325 PKP	32	28.60	-0.5		0.6s	16.00nm	4.5mb		
NEW	92.03	40 eP	25 59.50	-0.9	RDP	145.02	325 PKPc	32	28.50	-0.7	WB2	23.81	233 eP	43	24.40	0.7
	1.0s	10.00nm	5.2mb	GRR	145.04	345 ePKP	32	28.50	-0.4		0.9s	5.20nm	3.9mb			
MSU	92.36	51 eP	26 02.03	-0.3		0.7s	82.45nm			ARMA	24.39	186 iPc	43	30.20	0.9	
HYB	92.64	287 eP	26 04.20	0.5	LPL	145.10	335 ePKP	32	29.50	0.1		0.9s	15.00nm	4.4mb		
GBA	92.72	283 P	26 05.00	0.9		0.9s	51.75nm			ASPA	26.32	226 iPd	43	49.10	1.9	
NVL	92.83	188 eP	26 05.00	-0.7	PCP	145.10	332 PKP	32	28.68	-0.5		1.1s	5.40nm	4.0mb		
	1.0s	18.00nm	5.5mb	LPG	145.10	335 ePKP	32	29.70	0.2	KMI	58.91	304 Pd	48	11.00	0.6	
ALQ	95.84	56 P	26 30.00	11.6X		1.0s	74.60nm				1.5s	20.00nm	5.0mb			
Z	20s	0.21um	4.6MsZ	RSP	145.17	334 PKP	32	28.82	-0.6	LZH	63.15	316 eP	48	39.00	0.2	
ELT	96.16	323 eP	26 17.90	-1.2	SMF	145.23	339 ePKP	32	29.50	0.2		1.0s	17.00nm	5.0mb		
	1.3s	18.00nm	5.4mb		SOI	145.26	317 PKPc	32	30.00	0.4	YAK	70.45	348 eP	49	43.90	19.7X
GOL	97.78	51 P	26 40.00	12.9X	AVF	145.27	340 ePKP	32	29.50	0.2	GUN	74.03	301 P	49	46.28	-0.2
Z	20s	0.28um	4.7MsZ			1.1s	82.05nm			PKI	74.34	301 P	49	47.48	-0.8	
CNCB	117.52	118 PKP	31 39.00	-0.1	CKI	145.31	332 PKPc	32	28.80	-0.7		1.0s	30.00nm	5.1mb		
LPB	117.55	118 ePKP	31 37.00	-1.9X	LPF	145.42	345 ePKP	32	29.80	0.3	KKN	74.51	301 P	49	48.70	-0.4
KIM	123.11	220 iPKPc	31 54.50	5.6X		0.6s	66.75nm				1.0s	40.00nm	5.2mb			
HRV	123.22	49 PKP	32 00.00	11.5X	BHB	145.42	334 PKP	32	28.36	-1.3	DMN	74.61	301 P	49	49.40	-0.3
Z	18s	0.20um	4.8MsZ		BNI	145.50	335 PKPc	32	30.80	0.8		0.1s	96.00nm	6.6mb X		
KAF	125.13	338 ePKP	31 51.20	-0.3	FIN	145.51	332 PKP	32	28.59	-1.3	GKN	75.12	301 P	49	52.02	-0.5
	0.6s	5.50nm			RRL	145.56	334 PKP	32	30.97	0.7		1.2s	91.00nm	5.5mb		
NUR	126.79	338 iPKP	31 56.40	1.6	ROB	145.59	333 PKP	32	29.60	-0.5	HYB	78.30	289 eP	50	09.90	-0.3
	0.4s	8.50nm			BGF	145.64	340 ePKP	32	30.80	0.8	GBA	78.73	285 P	50	13.00	0.5
LMN	127.09	43 ePKPd	31 59.00	3.1X		0.6s	45.65nm			TIK	79.29	352 eP	50	33.00	18.5X	
NB2	130.62	345 PKP	32 01.90	-0.3	PZZ	145.76	334 PKP	32	29.78	-0.7		1.0s	9.00nm			
	0.9s	3.70nm			ENR	145.84	333 PKP	32	29.69	-0.9	CTI	128.72	327 PKP	57	24.90	8.3X
HFS	130.70	343 ePKP	32 01.90	-0.4	STV	145.87	333 PKP	32	29.69	-0.9	BDI	130.56	326 PKPc	57	37.90	17.8X
	0.5s	2.40nm			IMI	145.88	332 PKP	32	31.15	0.6		S.D. = 1.3 on 19 of 23 obs.				
UZH	135.43	327 ePKP	32 13.50	1.9	MAF	146.03	340 ePKP	32	32.20	1.5						
Z	22s	0.50um	5.2MsZ			0.6s	17.30nm									
SPC	136.16	328 ePKP	32 14.70	1.4	TCF	146.09	341 ePKP	32	32.30	1.5						
KSP	136.91	333 ePKP	32 14.80	0.4		0.7s	29.10nm									
BRG	137.90	334 ePKP	32 16.60	0.3	SBF	146.12	333 ePKP	32	32.00	1.0						
CLL	137.96	335 ePKP	32 18.00	1.6		0.9s	91.05nm									
PRU	138.31	333 ePKP	32 17.00	-0.1	LSF	146.34	341 ePKP	32	32.60	1.4						
ZST	138.38	329 ePKP	32 18.10	0.9		0.8s	47.00nm									
KHC	139.36	333 ePKP	32 14.50	-4.5X	PGF	146.40	330 ePKP	32	33.10	1.6						
	1.3s	6.60nm			MFF	146.51	343 ePKP	32	33.20	1.8						
	e	32 21.90				0.8s	88.40nm			PET	0.89	264 iPnd	45	51.50	0.8	
GEC2	139.52	332 ePKP	32 16.50	-2.9X	FRF	146.71	333 ePKP	32	33.80	2.0		eS	46	05.00		
	0.5s	1.00nm				0.7s	57.55nm			SKR	3.49	227 iPnd	46	27.60	0.5	
	e	32 19.70			LRG	146.92	333 ePKP	32	34.60	2.5X		iS	47	06.90		
	e	32 21.80				0.8s	52.65nm			MGD	8.67	327 ePn	47	41.00	1.6X	
	e	32 24.70			LMR	146.95	333 ePKP	32	34.50	2.3X	MAT	22.57	232 iPc	50	31.00	0.8
	e	32 31.40				1.0s	73.40nm				0.8s	37.31nm	4.9mb			
	e	32 33.80			BCAO	147.00	255 iPKPc	32	32.50	-0.7	TTA	24.73	49 (P)	50	48.02	-3.0
GRC4	140.28	334 ePKP	32 19.00	-1.7		1.0s	65.00nm				1.0s	5.42nm	4.0mb			
	0.8s	6.00nm				ic	32 35.20			IMA	26.02	42 eP	51	01.29	-1.8	
ENN	140.97	341 ePKP	32 22.00	0.2	RJF	147.18	341 ePKP	32	35.40	2.8X		1.0s	3.23nm	3.8mb		
	1.0s	10.00nm				1.1s	85.00nm			BOD	26.04	299 eP	51	04.20	1.0	
CDF	142.50	337 ePKP	32 19.80	-4.9X	CAF	147.34	340 ePKP	32	36.10	3.2X	NVS	43.05	305 iP	53	28.00	-1.1
	0.8s	7.80nm				1.1s	50.30nm				1.3s	14.00nm	4.6mb			
PDCR	142.65	135 ePKP	32 20.70	-5.1X	LFF	147.76	341 ePKP	32	37.10	3.7X	GUN	58.90	276 P	55	27.10	-2.6
	e	32 25.20				0.7s	75.20nm			KKN	59.35	276 P	55	30.80	-1.8	
BSF	143.16	337 ePKP	32 22.10	-3.8X	LPO	147.84	340 ePKP	32	37.30	3.7X	RSSD	59.39	56 eP	55	32.03	-0.7
	0.9s	9.50nm				0.8s	62.05nm				0.6s	2.89nm	4.6mb			
HAU	143.18	338 ePKP	32 22.10	-3.7X	EPF	149.59	340 ePKP	32	42.20	5.7X	PKI	59.43	276 P	55	31.42	-1.9
	0.9s	17.85nm				0.8s	25.65nm			KAF	59.47	337 iP	55	30.70	-2.0	
ARV	143.71	327 PKPc	32 25.40	-1.4	ECRI	150.84	344 iPKPd	32	44.59	6.2X		0.6s	3.70nm	4.7mb		
VAI	143.96	333 PKPd	32 25.10	-2.0X	EMON	151.08	351 iPKPc	32	44.50	5.8X	GKN	59.58	277 P	55	31.92	-2.2
SFI	143.98	329 PKP	32 27.10	-0.1	STS	151.79	353 iPKPc	32	46.26	6.6X	DMN	59.59	276 P	55	32.68	-1.6
DUI	144.10	323 PKP	32 26.20	-1.4	ETOR	152.36	341 iPKPd	32	47.95	7.2X	LAT	60.58	195 iPd	55	42.70	2.0
CRE	144.14	328 PKP	32 26.30	-1.4	GUD	153.12	344 iPKPc	32	49.79	8.0X	PV10	60.91	64 eP	55	44.00	0.8
ASS	144.16	327 PKPd	32 26.00	-1.7	KIC	168.07	226 PKP	33	01.60	3.3X	NB2	63.52	344 P	55	57.80	-2.2
TDS	144.19	319 PKPd	32 26.70	-1.0	LIC	168.17	224 PKP	33	01.80	3.5X		0.5s	3.80nm	4.7mb		
AQU	144.24	325 PKP	32 27.00	-0.8	TIC	168.47	226 PKP	33	02.00	3.5X	HFS	63.93	342 eP	56	00.60	-2.0
MME	144.35	330 PKP	32 27.70	-0.5		S.D. = 1.1 on 131 of 170 obs.					0.4s	5.40nm	4.9mb			
SDI	144.44	324 PKPd	32 26.30	-1.9X						Z	19s	41.00um	6.6MsZ			
ORX	144.48	334 PKP	32 26.17	-2.0X							LR	22 32.00				
ORO	144.49	334 PKPc	32 26.30	-1.9X						CLL	72.33	339 iPc	56	54.40	-0.5	
BDI	144.50	330 PKPc	32 26.20	-2.0X							1.1s	14.00nm	4.8mb			
BOB	144.51	332 PKP	32 27.40	-0.8						BRG	72.54	338 i(P)	56	55.20	-0.9	
FLN	144.60	345 ePKP	32 27.50	-0.6						MLR	74.23	328 eP	57	06.00	-0.3	
	0.7s	27.90nm			SOLOMON ISLANDS				(193)	GRF	74.24	340 iPc	57	06.80	0.7	
GRI	144.61	318 PKP	32 28.37	-0.2							0.9s	8.00nm	4.6mb			
MNS	144.62	326 PKPc	32 26.80	-1.6	RAB	2.81	310 iP	39	03.50	1.6	GEC2	74.50	338 ePd	57	07.60	-0.1
						0.4s	216.95nm									

GBA	74.86	272	P	57	10.00	-0.1	0.5s	1.48nm	4.2mb	KUZ	2.19	4	P	06	00.20	1.2	(S)	56	54.00									
DOU	75.10	344	P	57	11.00	0.0				CAW	2.20	189	P	05	59.60	0.4	OXX	7.58	300	IP	56	39.80	1.3					
WRA	76.11	205	P	57	17.10	0.1				DIW	2.24	213	P	06	00.10	0.5	(S)	57	54.30									
	0.8s	1.00nm								MRW	2.38	195	P	06	01.60	0.3	IISM	9.13	309	IP	57	01.10	1.2					
KBA	76.24	337	IPc	57	18.50	0.8							S	06	29.40		(S)	58	37.00									
	0.7s	11.70nm								WEL	2.42	194	P	06	02.20	0.4	IIT	9.87	306	(P)	57	13.50	3.1X					
CDF	76.25	342	eP	57	17.80	0.1				BLW	2.44	181	P	06	02.10	0.1	PPM	10.14	305	IP	57	15.30	0.9					
	0.7s	6.50nm								TCW	2.47	202	P	06	02.70	0.3	(S)	58	50.00									
HAU	76.81	342	eP	57	20.80	0.1				MOW	2.50	185	P	06	02.80	0.1	III	10.49	300	(P)	57	18.00	-0.9					
	0.5s	5.05nm								HBZ	2.56	60	eP	06	03.60	0.2	UNM	10.73	305	(P)	57	33.20	11.0X					
BSF	76.90	342	eP	57	21.20	-0.1				QRZ	2.98	230	P	06	09.30	0.6	MRX	12.55	302	(P)	57	46.70	0.1					
	0.7s	4.85nm										eS	06	44.10		UYO	21.17	349	IPd	59	32.60	-0.3						
FLN	77.17	347	eP	57	22.50	-0.1				THZ	3.47	214	P	06	15.20	0.3	PRM	21.78	17	eP	59	41.50	2.5					
OSS	77.32	339	ePc	57	24.50	0.7				KHZ	3.80	203	Pc	06	19.20	0.2	VVO	22.55	347	eP	59	46.40	-0.3					
GRR	77.59	347	eP	57	25.00	0.1						eS	07	01.40		MEO	22.77	341	IPc	59	48.60	-0.3						
VDL	77.66	340	ePc	57	26.40	0.8				DSZ	4.00	224	P	06	21.80	0.1	FNO	22.87	344	IPc	59	49.50	-0.4					
LPF	77.96	347	eP	57	27.90	0.9				LTZ	4.57	212	eP	06	28.50	-0.7	TUL	23.12	348	eP	59	51.70	-0.5					
LOR	77.96	344	eP	57	27.20	0.1				MQZ	5.24	203	P	06	36.50	-1.4		0.4s	46.80nm			5.4mb						
	0.6s	3.80nm								ODZ	7.11	209	eP	07	01.20	-1.6	Z	22s	0.25um			3.6msz						
TMA	78.14	340	ePd	57	28.00	0.5					S.D. = 0.7	on	33	of	33	obs.												
LBF	78.22	344	eP	57	29.10	0.6					? NOV 01, 1992 03h 22m 41.45±5.85s										LNO	23.12	348	eP	59	51.40	-0.7	
SSF	78.22	344	eP	57	28.70	0.2					32.431 S ±34.7km 71.998 W ±29.5km										ELC	23.88	1	eP	00	00.90	1.3	
MMK	78.38	341	ePc	57	30.40	0.7					DEPTH = 10.0km (geophysicist)										CEH	24.49	22	eP	00	07.90	2.3	
DIX	78.46	341	ePc	57	30.90	0.7					NEAR COAST OF CENTRAL CHILE (135)										FVM	24.57	359	(P)	00	06.01	-0.4	
AVF	78.51	344	eP	57	30.40	0.3					MD 3.4 (SAN).											0.8s	7.64nm			4.4mb		
	0.7s	6.50nm								ROCH	0.99	123	IPd	23	00.71	0.3	ACO	24.72	342	IPd	00	08.20	0.4					
EMS	78.56	341	Pd	57	31.50	0.9						IS	23	10.57		NAV	25.25	17	(P)	00	14.46	1.5						
SMF	78.57	344	eP	57	30.70	0.3				LCCH	1.10	161	IP	23	02.57	0.4	ALO	26.23	328	eP	00	22.17	-0.1					
ORX	78.78	340	P	57	32.32	0.6						IS	23	14.42			0.7s	3.22nm			4.1mb							
BGF	78.82	344	eP	57	32.90	1.1				JACH	1.21	102	IPd	23	04.64	0.5	TUC	26.89	318	ePcP	03	49.27						
LSD	79.11	341	P	57	34.61	0.9						IS	23	18.08		MSU	31.94	326	IPd	01	13.62	0.1						
LPL	79.14	341	eP	57	35.10	1.3				PEL	1.31	123	IP+	23	05.48	-0.3			ePcP	04	03.67							
	0.8s	21.65nm										IS	23	19.49		ARUT	32.15	324	eP	01	15.90	0.6						
LPG	79.15	341	eP	57	35.30	1.4				TACH	1.51	144	IP+	23	08.74	0.2	SSK	32.67	314	(P)	01	20.18	0.2					
TCF	79.19	345	eP	57	34.40	0.6						IS	23	24.18		DAU	32.86	329	eP	01	21.31	-0.3						
MAF	79.20	344	eP	57	34.50	0.7				LNW	1.60	162	IP	23	09.76	0.0	RSSD	33.00	341	eP	01	22.00	-0.7					
	0.8s	5.90nm										IS	23	28.47			0.6s	3.02nm			4.4mb							
BOB	79.30	339	P	57	35.60	1.1				FCH	1.69	122	IP	23	11.75	0.2	BW06	33.92	334	ePcP	04	05.40						
LSF	79.33	345	eP	57	35.00	0.4						IS	23	30.22			1.2s	3.20nm			4.1mb							
	0.8s	5.50nm								PCH	1.72	134	IP	23	12.08	0.4			ePcP	04	08.10							
RSP	79.38	341	P	57	35.34	0.4				CHCH	1.88	143	IPd	23	14.77	0.9	EEO	34.45	13	eP	01	38.00	3.1X					
BHB	79.68	341	P	57	35.89	-0.6						IS	23	36.09		TNP	34.60	320	eP	01	37.40	0.7						
RRL	79.70	341	P	57	37.95	1.1					S.D. = 0.4	on	9	of	9	obs.												
PCP	79.71	340	P	57	36.25	-0.4					* NOV 01, 1992 03h 49m 16.02±1.73s										HVU	34.64	329	eP	01	37.44	0.6	
ASPA	79.78	204	eP	57	35.60	-1.6					18.098 N ±15.2km 68.619 W ±15.2km										BONR	35.21	319	eP	01	41.22	-0.7	
	0.4s	6.30nm									DEPTH = 109.5 ± 11.0 km										PHAM	35.42	315	eP	01	43.75	0.3	
PZZ	80.04	341	P	57	37.90	-0.6					MONA PASSAGE (89)										MEMM	35.45	318	(P)	01	45.06	1.5	
ROB	80.08	340	P	57	38.36	-0.3				MGP	1.46	93	P	49	42.10	-0.6	HHAI	35.60	331	eP	01	45.09	0.1					
FIN	80.09	340	P	57	38.08	-0.6				LRS	1.70	83	IP	49	45.50	-0.2	LPB	36.66	143	P	01	53.10	-1.4					
RJF	80.26	345	eP	57	41.20	1.7				APR	1.83	79	P	49	47.90	0.6	Z	20s	8.51um			5.5msz						
	0.6s	2.25nm							PORP	1.89	91	P	49	47.80	-0.2	CNCB	36.95	143	eP	01	59.00	2.0						
IMI	80.45	340	P	57	40.69	0.1				CLLP	1.94	90	P	49	48.60	-0.1	ARN	36.99	316	eP	01	57.35	0.7					
LFF	80.73	345	eP	57	43.20	1.2				SJG	2.35	89	IP	49	54.00	-0.1	ULM	37.15	354	ePd	02	01.80	4.0X					
MNS	80.82	336	P	57	42.70	0.1				CPD	2.57	91	P	49	56.50	-0.5	LRM	37.60	334	eP	02	01.90	0.0					
LPO	80.91	345	eP	57	44.20	1.2				LPR	2.62	85	P	49	58.50	0.8			e	04	20.60							
	0.5s	3.80nm										S	50	28.50		ORV	38.17	319	eP	02	07.27	0.7						
	S.D. = 1.1	on	66	of	67	obs.				MGH	6.26	102	eP	50	48.00	0.5	LBFM	39.44	321	eP	02	16.79	-0.6					
% NOV 01, 1992 02h 05m 20.40±0.74s										MORO	7.19	178	eP	51	00.00	-0.2	SES	40.80	339	eP	02	28.00	-0.3					
38.930 S ± 4.8km 175.520 E ± 5.8km												eS	52	13.60		NEW	41.52	333	eP	02	35.00	0.8						
DEPTH = 165.9 ± 8.7 km										MGG	7.31	106	eP	51	02.00	0.2		1.0s	6.50nm			4.3mb						
NORTH ISLAND, NEW ZEALAND (159)										DEG	7.44	103	eP	51	03.00	-0.6	JAO	41.92	13	eP	02	36.50	-0.8					
										LLAV	7.78	167	IPc	51	07.50	-0.8	PDCR	56.51	115	eP	04	31.40	1.1					
NGZ	0.25	166	P	05	42.00	-0.9						IS	51	20.20		ADK	77.68	321	eP	06	42.25	-1.2						
CNZ	0.27	176	P	05	42.30	-0.6				TOV	8.34	188	ePc	51	16.70	0.8		0.7s	25.07nm			5.4mb						
DRZ	0.35	174	eP	05	42.90	-0.5				GUAN	8.59	160	IPc	51	20.20	0.9	GRR	79.55	43	eP	06	53.30	-0.5					
MOZ	0.70	307	Pd	05	44.70	-0.2						IS	52	46.40			0.8s	11.95nm			4.9mb							
WHH	0.76	87	P	05	43.90	-1.5				SDV	9.36	192	eP	51	29.50	-0.3	FLN	79.74	42	eP	06	53.70	-1.1					
PATZ	0.80	47	eP	05	45.30	-0.3				LPB	34.42	179	P	55	54.00	-1.4		0.8s	8.35nm			4.8mb						
BSZ	0.98	208	P	05	47.40	0.6				CNCB	34.69	179	eP	55	59.00	1.1	LDF	80.00	42	eP	06	55.80	-0.4					
WAHZ	1.00	140	P	05	46.90	-0.2					S.D. = 0.7	on	18	of	18	obs.												
TAZ	1.04	48	P	05	46.90	-0.4					NOV 01, 1992 04h 54m 45.10±0.46s										TCF	81.95	44	eP	07	05.90	-0.7	
WLZ	1.06	3	P	05	47.80	0.4					13.315 N ± 8.5km 89.901 W ± 5.9km											0.5s	2.05nm			4.5mb		
											DEPTH = 10.0km (geophysicist)										MAF	82.21	44	eP	07	07.30	-0.6	
											4.6mb (24 obs.) 4.6msz (2 obs.)											0.7s	3.75nm			4.6mb		
										EL SALVADOR (73)						BGF	82.33	44	eP	07	08.00	-0.5						
TTH	1.18	121	P	05	49.20	0.7				TPX	2.78	305	IPd	55														

01d 05h

LBF	83.01	43	eP	07 10.30	-1.8
TIC	83.54	85	P	07 16.74	1.4
	0.8s	9.00nm			5.0mb
LIC	83.62	85	P	07 17.44	1.7
	0.8s	11.50nm			5.1mb
KIC	83.87	85	P	07 18.48	1.5
	0.7s	13.50nm			5.3mb
HAU	84.35	42	eP	07 18.60	-0.3
	0.8s	6.45nm			4.9mb
BSF	84.68	42	eP	07 20.20	-0.4
	0.8s	2.70nm			4.5mb
CDF	84.86	42	eP	07 21.20	-0.3
LPL	85.20	44	eP	07 23.10	-0.3
	0.8s	2.70nm			4.5mb
LPG	85.22	45	eP	07 23.40	-0.2
	1.0s	5.00nm			4.7mb
GEC2	88.82	40	eP	07 39.70	-1.1
	0.8s	1.52nm			4.3mb
WB2	137.18	255	ePKP	14 07.00	-4.3X
	0.8s	2.30nm			
WRA	137.20	255	PKP	14 08.90	-2.4X
	0.7s	0.30nm			
BDT	148.39	344	ePKP	14 33.00	2.3X
	0.8s	31.10nm			
GBA	150.46	26	PKP	14 39.00	5.1X
KHT	150.84	343	ePKP	14 39.00	4.5X
S.D. = 1.0 on 62 of 72 obs.					

* NOV 01, 1992 05h 14m 27.52±0.91s
 5.546 N ±17.1km 123.862 E ±19.1km
 DEPTH = 565.0 ± 16.2 km
 4.8mb (4 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

CGP	3.01	16	ePd	15 45.50	1.2
			e	16 35.00	
BIP	3.56	42	ePd	15 41.50	-6.4X
MNI	4.19	167	eP	15 48.50	-3.9X
			eS	15 51.60	
PLP	5.69	11	ePc	16 00.00	-4.8X
KKM	7.62	274	iPc	16 20.70	-2.2
	0.6s	367.10nm			5.7mb
AAI	10.14	155	ePd	16 47.10	-0.7
KHKI	16.08	211	eP	17 49.50	2.7
			e	18 46.50	
MTN	19.65	158	eP	18 20.80	-0.1
WB2	27.35	158	iPd	19 29.00	-0.9
	0.4s	13.30nm			4.9mb
			i	22 31.20	
			e	22 47.40	
			eS	23 28.90	
			iScP	25 21.10	

QIS	30.20	150	iPc	19 53.90	-0.5
	0.2s	4.00nm			4.7mb

ASPA	30.64	162	iPc	19 58.40	0.2
	0.4s	7.10nm			4.6mb
			eS	24 21.40	
			iScP	25 32.10	

GUN	42.35	306	P	21 34.10	-0.5
GKN	43.39	306	P	21 43.20	0.6
GBA	46.41	283	P	22 06.00	0.3

S.D. = 1.5 on 11 of 14 obs.

% NOV 01, 1992 05h 24m 45.83±2.80s
 10.991 N ± 8.6km 60.367 W ±27.4km
 DEPTH = 27.8 ± 10.1 km

TRINIDAD (98)

MD 3.0 (TRN).

BOT	0.39	297	eP	24 54.75	0.4
TPR	0.45	296	eP	24 55.36	0.1
			eS	24 59.94	
PIG	0.50	290	eP	24 55.73	-0.3
TBH	0.85	234	eP	25 02.24	0.4
			eS	25 13.15	
TRN	1.07	252	eP	25 03.59	-1.4
			eS	25 14.81	
TPP	1.26	238	eP	25 07.86	0.2
			eS	25 23.05	
TCE	1.39	258	eP	25 10.32	0.7
			eS	25 22.79	
GRW	1.72	313	eP	25 14.62	0.2
			eS	25 52.73	
SVB	2.43	339	eP	25 24.38	-0.1
SVV	2.46	340	eP	25 24.83	-0.1
			eS	25 53.40	

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

* NOV 01, 1992 05h 48m 27.50±0.53s
 2.370 S ± 9.5km 141.224 E ±13.3km
 DEPTH = 30.0km (2 depth phases)
 4.4mb (6 obs.)

NEAR N COAST OF NEW GUINEA, PNG. (200)

WWKK	2.70	118	eP	49 08.00	-1.8
WB2	18.71	201	eP	52 44.20	-1.9
	0.5s	12.10nm			4.4mb
			eS	56 01.60	
ASPA	22.33	198	iPd	53 23.70	-0.7
	0.7s	7.80nm			4.3mb
			eS	57 26.20	
RMQ	25.05	164	eP	53 53.10	2.3
	0.9s	54.00nm			5.2mb
CMS	29.28	172	eP	54 29.50	0.0
	0.9s	6.00nm			4.3mb
STK	29.36	179	eP	54 29.80	-0.3
	0.8s	1.40nm			3.8mb
BWA	32.59	169	eP	54 59.40	0.8
			i	55 08.10	30km
CAN	33.57	168	eP	55 07.50	0.4
			e	55 16.30	30km
BJI	48.04	334	eP	57 05.00	-1.0
LZH	51.75	321	eP	57 34.00	-0.8
	1.5s	27.00nm			5.0mb
GUN	61.07	304	P	58 41.40	-0.4
PKI	61.35	303	P	58 45.70	2.1
DMN	61.62	303	P	58 44.90	-0.5
GKN	62.14	303	P	58 48.20	-0.5
CNCB	145.44	125	PKP	08 07.00	1.0
LPB	145.48	124	PKP	08 06.70	0.8
KIC	145.84	278	PKP	08 06.00	0.0
TIC	146.09	278	PKP	08 06.70	0.2
LIC	146.14	278	PKP	08 06.70	0.2

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

% NOV 01, 1992 05h 51m 11.29±3.66s
 34.341 S ±22.2km 70.156 W ±16.5km
 DEPTH = 5.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)

MD 3.4 (SAN).

CHCH	0.58	315	iP+	51 23.23	0.3
			iS	51 30.36	
PCH	0.78	337	iP+	51 26.68	-0.3
			iS	51 36.60	
TACH	0.94	316	iP+	51 29.55	-0.2
			iS	51 41.92	
FCH	1.02	354	iP+	51 30.94	-0.3
			iS	51 44.15	
LNV	1.11	290	iP+	51 32.54	0.0
			iS	51 47.01	
PEL	1.27	340	iPd	51 35.46	0.0
			iS	51 51.72	
LCCH	1.46	306	iPd	51 38.11	-0.2
			iS	51 56.94	
ROCH	1.54	332	iPd	51 39.71	0.0
			iS	51 59.16	
JACH	1.69	347	iP	51 42.22	0.4
			iS	52 03.80	

S.D. = 0.3 on 9 of 9 obs.

? NOV 01, 1992 06h 45m 23.76±1.56s
 13.344 N ±19.0km 120.285 E ±26.5km
 DEPTH = 156.3 ± 23.1 km
 4.5mb (3 obs.)

MINDORO, PHILIPPINE ISLANDS (250)

TGY	0.98	40	iPc	45 49.00	-0.2
QVP	1.45	29	eP	46 00.00	6.4X
CVP	4.58	19	ePc	46 33.50	1.0
PIP	4.96	4	iPd	46 37.00	-0.6
CGP	6.51	138	iPd	47 06.00	7.7X
GUN	35.17	300	P	52 03.40	-1.5
WB2	35.86	157	iPd	52 09.80	-0.5
	0.3s	7.70nm			4.9mb
ASPA	39.12	160	eP	52 37.90	0.3
	0.5s	6.50nm			4.6mb
GBA	41.63	276	P	52 59.90	1.6
HFS	86.59	331	eP	57 45.00	-5.3X
	0.4s	0.40nm			3.6mb

S.D. = 1.5 on 7 of 10 obs.

NOV 01, 1992 07h 13m 19.08±0.60s
 47.336 N ± 5.6km 11.675 E ± 5.6km

DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 1.5 (VIE).

WATA	0.07	269	iPgc	13 21.20	-0.4
			iSg	13 24.30	
WTTA	0.08	200	iPgc	13 21.50	-0.2
			iSg	13 24.20	
SCE	0.30	175	ePg	13 26.00	0.6
SQTA	0.34	250	iPgc	13 26.00	-0.1
			iSg	13 32.80	
FUR	0.87	342	iPgc	13 36.20	0.3
KBA	1.17	102	iPgc	13 40.50	-0.5
			iSg	13 54.30	
GEC2	2.03	41	Pn	13 54.00	0.2
			Sn	14 20.10	

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

? NOV 01, 1992 07h 19m 48.24±1.40s
 0.227 N ±16.2km 125.068 E ±38.2km
 DEPTH = 71.0 ± 13.4 km
 4.9mb (4 obs.)

NORTHERN MOLUCCA SEA (266)

MNI	1.23	349	eP	20 10.20	0.2
			eS	20 28.10	
AAI	4.99	141	eP	21 01.50	-0.8
			eS	21 55.00	
CGP	8.18	357	ePc	21 47.00	0.4
MTN	14.31	155	eP	23 08.60	-0.2
WB2	22.01	156	iPd	24 37.80	-0.4
	0.5s	68.00nm			5.3mb
QIS	25.08	146	eP	25 07.80	-0.1
ASPA	25.25	161	eP	25 10.40	0.9
	0.4s	19.00nm			4.9mb
			iPcP	28 42.90	
STK	35.56	155	iPd	26 41.40	0.8
	0.4s	5.40nm			4.8mb
BRS	38.24	138	iPd	27 03.00	-0.3
ARMA	39.59	143	iPc	27 15.30	0.8
	0.3s	4.00nm			4.8mb
KAF	93.91	332	eP	32 57.60	-1.3

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

* NOV 01, 1992 07h 20m 30.29s
 33.896 N 118.570 W

DEPTH = 8.3km
 SOUTHERN CALIFORNIA (43)
 <PAS>P>. ML 2.6 (PAS), 2.5 (GS).

PVPS	0.18	128	ePc	20 33.90	-0.2
			S	20 37.00	
DHB	0.20	52	iPd	20 34.63	0.3
			S	20 38.00	
PVRC	0.22	131	ePd	20 34.65	-0.3
			S	20 38.11	
SCY	0.23	25	iPd	20 34.90	-0.2
			S	20 38.65	
LOMS	0.26	112	eP	20 35.81	0.1
			S	20 39.79	
GFP	0.32	43	eP	20 36.18	-0.6
			S	20 40.93	
RCP2	0.38	108	eP	20 38.22	0.2
			S	20 44.65	
PAS	0.42	53	eP	20 38.11	-0.6
			S	20 43.97	
LNAS	0.44	104	eP	20 39.40	0.2
			S	20 46.79	
BLG	0.46	298	ePc	20 38.13	-1.5
			S	20 44.97	
CIS	0.51	164	iPd	20 39.59	-0.9
			S	20 47.50	
MWC	0.54	52	ePd	20 40.31	-0.8
			S	20 47.95	
VPD	0.68	97	ePc	20 42.79	-1.1
			S	20 53.66	
SSK	0.79	66	ePn	20 45.37	-0.6
			eS	20 56.38	
ABL	1.09	331	eP	20 49.42	-1.7
			eS	21 06.18	
PEC	1.17	90	eP	20 50.80	-1.6
			S	21 07.05	
PLM	1.52	110	ePn	20 56.55	-1.4
GSC	2.02	46	eP	21 04.04	-1.1

18 obs. associated

NOV 01, 1992 07h 24m 39.34±0.22s

5.582 S \pm 3.7km 154.344 E \pm 4.1km
 DEPTH = 142.1km (5 depth phases)
 5.2mb (25 obs.)

SOLOMON ISLANDS (193)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 15S, 18C

Centroid Location:

Origin Time 07:24:34.4 2.2

Lat 6.35S 0.19 Lon 154.23E 0.09

Dep 132.5 2.9 Half-duration 1.0

Moment Tensor; Scale 10¹⁶ Nm

Mrr= 5.49 0.39 Mtt=-4.25 0.69

Mff=-1.24 0.77 Mrt=-1.11 0.37

Mrf= 0.06 0.46 Mtf= 2.74 0.55

Principal Axes:

T Val= 5.62 Plg=83 Azm=162

N 0.33 6 300

P -5.95 5 31

Best Double Couple: Mo=5.8 \times 10¹⁶

NP1: Strike=127 Dip=40 Slip= 99

NP2: 295 50 83

RAB 2.57 302 iPc 25 23.00 1.5

0.4s 271.19nm

iS 25 54.00

6.48 123 eP 26 25.00 11.4X

HNR 6.74 125 eP 26 30.00 12.8X

LAT 7.38 261 eP 26 27.30 1.6

PMG 8.07 241 eP 26 37.00 2.0

eS 27 13.00

BKM 18.14 133 iPc 28 44.50 1.0

DZM 20.14 146 iPc 29 04.10 -0.4

OIS 20.65 223 eP 29 10.00 0.5

e 29 12.00

RMO 21.46 194 iPc 29 18.50 0.9

0.5s 80.00nm 5.4mb

BRS 21.74 184 iPd 29 21.70 1.4

0.5s 11.00nm 4.5mb

QLP 23.01 204 eP 29 33.60 1.0

MTN 24.01 251 eP 29 42.50 0.1

0.6s 79.00nm 5.4mb

WB2 24.12 232 iPd 29 43.70 0.3

0.5s 126.20nm 5.7mb

eS 33 49.80

WRA 24.13 232 P 29 43.79 0.3

ARMA 24.84 186 iPc 29 50.50 0.3

0.4s 13.00nm 4.8mb

ASPA 26.66 226 iPc 30 06.00 -0.9

0.5s 24.80nm 5.1mb

Z 18s 0.60um 4.2Msz

eS 34 27.40

CMS 26.98 196 eP 30 08.70 -0.9

0.3s 6.00nm 4.7mb

KNA 27.06 246 eP 30 02.00 -8.5X

STK 28.76 203 iPc 30 24.40 -1.3

0.6s 9.50nm 4.7mb

BWA 29.22 190 eP 30 28.70 -1.1

CAN 30.00 189 eP 30 36.90 0.2

CGP 32.69 295 iPc 30 59.00 -1.3

BFD 33.24 197 iPd 31 04.40 -0.5

0.3s 5.00nm 4.7mb

WCZ 35.37 151 eP 31 24.20 1.2

MOZ 37.67 153 P 31 43.80 1.5

CNZ 38.57 153 eP 31 51.30 1.3

NGZ 38.58 153 P 31 51.30 1.2

HBZ 38.63 149 eP 31 50.70 0.3

QRZ 38.69 158 P 31 52.10 1.2

DSZ 39.23 159 eP 31 54.30 -1.1

NOZ 39.28 150 eP 31 56.00 0.3

THZ 39.65 158 P 31 58.90 0.1

KIW 39.67 155 eP 31 59.10 0.2

TCW 39.70 156 P 31 59.50 0.3

MNG 39.71 155 P 31 59.10 -0.1

0.4s 98.00nm 5.9mb

MRW 39.89 156 eP 32 00.50 -0.2

BAG 39.91 304 eP 32 01.90 0.5

CAW 39.94 155 eP 32 00.80 -0.3

MEEK 39.98 234 iPc 32 01.00 -0.7

PGZ 40.05 154 P 32 01.60 -0.4

0.4s 60.00nm 5.7mb

e 32 39.30

COOL 40.06 227 eP 32 01.00 -1.3

0.4s 20.00nm 5.2mb

MTW 40.16 155 P 32 02.40 -0.5

MOW 40.28 155 P 32 02.40 -1.5

LTZ 40.31 159 P 32 04.20 0.0

0.5s 86.00nm 5.7mb

KHZ 40.45 158 eP 32 04.60 -0.6

NANU 41.08 242 eP 32 10.00 -0.7

BWZ 41.12 163 P 32 10.50 -0.2

0.5s 43.00nm 5.4mb

MQZ 41.25 160 P 32 11.50 -0.3

0.5s 67.00nm 5.6mb

ODZ 41.81 163 P 32 15.90 -0.5

TUZ 42.35 164 P 32 20.60 -0.2

KLB 42.91 228 iPc 32 24.40 -1.2

0.3s 14.00nm 5.1mb

MRWA 43.17 232 eP 32 26.50 -1.2

0.4s 10.00nm 4.8mb

BAL 43.24 230 eP 32 27.00 -1.2

MUN 44.25 229 eP 32 35.30 -1.1

KMI 58.70 304 iPc+ 34 25.50 0.7

1.5s 80.00nm 5.5mb

CHG 59.71 295 iPc 34 31.80 0.3

1.6s 83.33nm 5.4mb

ADK 62.36 20 eP 34 48.52 -0.3

1.0s 30.00nm 5.2mb

LZH 62.86 315 iPc 34 53.00 0.4

1.6s 83.00nm 5.4mb

YAK 70.03 348 iPc 35 37.30 0.1

1.3s 77.00nm 5.4mb

GUN 73.84 301 P 36 01.10 0.2

PKI 74.15 301 P 36 02.50 -0.2

KKN 74.32 301 P 36 03.70 0.2

DMN 74.42 301 P 36 04.50 0.3

GKN 74.92 301 P 36 07.10 0.2

HYB 78.20 289 iP 36 04.50 -20.6X

1.0s 50.00nm

GBA 78.66 285 P 36 27.50 -0.1

SLKM 78.73 25 eP 36 26.82 -0.4

(pP) 37 02.61 143km

PMR 79.76 24 eP 36 32.12 -0.6

0.6s 4.32nm 4.4mb

IMA 80.68 19 ePc 36 37.74 0.1

1.0s 4.67nm 4.2mb

eP 37 12.85 140km

KLU 81.03 25 eP 36 39.27 -0.2

(pP) 37 15.82 146km

FBA 82.04 21 iPc 36 43.22 -1.4

0.6s 6.25nm 4.5mb

eP 37 18.80 141km

BALM 82.35 26 eP 36 47.50 1.1

eP 37 23.00 141km

POO 82.79 289 eP 36 49.00 -0.4

MAW 85.44 203 P 37 02.40 0.7

GEC2 125.52 329 ePKP 43 23.90 -1.5

1.5s 3.50nm

CNCB 132.62 119 PKP 43 41.00 0.6

LPB 132.63 118 ePKP 43 41.00 0.8

BAO 149.44 134 e(PKP) 44 07.00 -2.5X

e 44 13.60

e 44 18.20

e 44 48.90

e 45 01.00

e 45 17.90

e 45 21.20

S.D. = 0.9 on 73 of 78 obs.

* NOV 01, 1992 07h 35m 59.15 \pm 1.80s

35.660 S \pm 8.8km 179.231 W \pm 12.9km

DEPTH = 31.6 \pm 9.9 km

4.8mb (5 obs.)

EAST OF NORTH ISLAND, N.Z. (688)

HBZ 2.77 225 P 36 43.00 0.7

NOZ 3.67 216 P 36 55.30 0.2

URZ 3.91 227 P 36 58.80 0.3

S 37 46.00

KUZ 4.23 254 P 37 02.80 -0.1

PAHZ 4.36 222 eP 37 05.80 0.9

4.52 232 eP 37 07.60 0.4

WHH 4.69 225 eP 37 09.60 0.0

WLZ 4.70 241 eP 37 09.20 -0.5

WCZ 5.23 265 eP 37 17.00 -0.2

WAHZ 5.34 220 P 37 17.70 -1.1

5.45 228 eP 37 20.20 -0.3

MOZ 5.55 237 eP 37 21.30 -0.4

OUZ 5.87 272 eP 37 25.40 -0.9

PGZ 6.09 214 eP 37 25.70 -3.6X

MNG 6.47 219 eP 37 30.70 -4.0X

eS 38 43.90

KHZ 8.78 218 eP 38 01.80 -5.1X

eS 39 35.70

LTZ 9.70 220 eP 38 14.10 -5.4X

eS 39 57.30

DZM 18.43 313 iPd 40 14.20 0.2

ARMA 24.93 274 eP 41 23.50 2.4

BRS 25.18 281 iPc 41 25.00 1.6

RMO 28.80 280 iPd 41 57.10 0.7

0.9s 27.00nm 5.0mb

STK 32.64 265 eP 42 30.40 0.1

1.2s 1.90nm 3.9mb

ASPA 42.09 273 eP 43 48.70 -1.2

0.8s 14.10nm 4.7mb

eS 49 51.00

WB2 43.54 278 eP 44 00.00 -1.7

0.5s 33.20nm 5.4mb

WRA 43.54 278 P 44 00.90 -0.9

0.7s 8.20nm 4.6mb

BCAO 144.86 212 iPKP 55 35.00 -0.2

1.0s 10.00nm

SDF 144.98 343 iPKP 55 33.70 0.0

OBN 148.69 320 ePKP 55 45.00 4.9X

1.0s 21.00nm

e 56 05.00

KAF 149.06 337 iPKP 55 44.80 4.3X

0.6s 6.90nm

KIC 150.40 169 (PKP) 55 51.38 7.4X

NUR 150.78 336 ePKP 55 49.30 6.2X

0.8s 15.00nm

HFS 154.12 345 ePKP 55 59.20 11.3X

0.5s 0.60nm

S.D. = 1.0 on 23 of 32 obs.

* NOV 01, 1992 07h 51m 25.34 \pm 0.45s

48.852 S \pm 10.8km 8.533 W \pm 7.4km

DEPTH = 10.0km (geophysicist)

5.3mb (9 obs.)

SOUTHERN MID-ATLANTIC RIDGE (410)

NVL 23.99 164 iPc 56 40.00 -0.4

2.2s 223.00nm 5.4mb

LO 02 03.00

KIM 32.44 64 iPd 57 57.50 -0.3

0.9s 21.01nm 5.1mb

BLF 33.02 66 iPc 58 01.00 -1.9

MAW 39.27 145 eP 58 56.00 0.8

1.0s 30.00nm 4.9mb

01d 07h

* NOV 01, 1992 07h 53m 45.79±2.01s
 15.824 N ± 7.0km 59.673 W ± 18.9km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 3.8 (FDF). MD 4.4 (TRN).

DEG	1.42	290	eP	54	09.08	-0.5
			S	54	27.10	
SFG	1.53	286	eP	54	10.87	-0.2
MGG	1.59	274	eP	54	12.07	0.2
CRM	1.60	229	iPc	54	11.64	-0.5
			S	54	32.70	
WVM	1.73	223	iPc	54	13.55	-0.5
			S	54	35.60	
FDF	1.79	233	iPc	54	14.71	-0.2
			S	54	37.40	
SEG	1.85	288	eP	54	16.30	0.5
BIM	1.87	226	eP	54	15.92	-0.2
			S	54	39.70	
PAG	1.94	276	eP	54	17.86	0.7
SLW	2.17	214	eP	54	19.75	-0.6
			eS	54	44.48	
BPA	2.42	300	eP	54	24.45	0.5
			eS	54	53.05	
MGH	2.60	290	eP	54	27.22	0.8
CPB	2.74	311	eP	54	27.16	-1.2
			eS	54	57.17	
SVV	2.91	211	eP	54	31.00	0.2
			eS	55	04.43	
SVB	2.96	211	eP	54	31.76	0.1
			eS	55	05.44	
FCV	3.06	210	eP	54	32.10	-0.9
			eS	55	06.53	
GRW	4.12	208	eP	54	47.99	-0.2
			eS	56	02.06	
TRN	5.41	198	eP	55	06.75	0.4
TCE	5.48	202	eP	55	08.68	1.3
			eS	56	05.84	
GUAN	8.24	226	iPc	55	46.40	0.2

S.D. = 0.6 on 20 of 20 obs.

NOV 01, 1992 08h 13m 01.19±0.49s
 47.457 N ± 5.1km 11.762 E ± 4.4km
 DEPTH = 8.7 ± 3.6 km
 AUSTRIA (546)
 ML 2.6 (VIE). 2.6 (FUR). MD 2.7 (LUJ).

WATA	0.17	226	iPgc	13	05.40	0.3
			iSg	13	08.70	
WTTA	0.21	204	iPgc	13	05.90	0.1
			iSg	13	08.50	
SCE	0.42	185	iPgd	13	09.10	-0.7
SQTA	0.44	238	iPgc	13	10.30	0.1
			iSg	13	16.60	
OGA	0.77	221	iPgd	13	16.00	-0.6
FUR	0.78	335	ePg	13	18.70	2.2
			iSg	13	30.60	
BHG	0.80	70	ePg	13	18.20	1.3
FVI	1.11	141	P	13	21.70	-0.4
			eSg	13	35.20	
KBA	1.14	109	iPgc	13	22.10	-0.7
			iSg	13	36.80	
OSS	1.35	236	iPc	13	27.20	0.9
CTI	1.41	183	P	13	29.50	2.3
			eSn	13	45.10	
VDL	1.85	239	ePd	13	36.10	2.6
WET	1.85	23	iPnc	13	33.90	0.5
			iSn	13	57.10	
GEC2	1.90	42	Pn	13	34.60	0.4
			Pg	13	37.10	
			Sn	14	02.70	
VOY	2.04	133	e(Pn)	13	37.20	0.9
			eSn	14	03.90	
TMA	2.40	237	ePd	13	43.60	2.1
CEY	2.52	132	eP	13	48.00	5.0X
			e(Sn)	14	15.00	
FEL	2.57	281	ePn	13	45.41	1.6
VAI	2.60	233	P	13	50.40	6.3X
			eSn	14	21.70	
VBY	3.11	128	e(Pn)	13	51.30	0.0
CDF	3.16	289	Pn	13	52.80	0.6
			Pg	14	03.50	
			Sg	14	43.00	
BSF	3.38	278	Pn	13	55.70	0.4
			Pg	14	07.90	
			Sn	14	32.60	

EMS	3.60	249	ePd	13	59.30	0.8
HAU	3.70	281	Pn	13	59.80	0.1
			Sn	14	39.40	
			Sg	14	59.20	
LPG	3.98	242	Pn	14	05.20	1.2
LPL	3.98	243	Pn	14	05.00	1.1
LBF	5.33	268	Pn	14	21.10	-1.8
			Sn	15	17.50	
LOR	5.37	271	Pn	14	23.40	-0.1
			Sn	15	19.20	
			Sg	15	50.10	
SMF	5.47	264	Pn	14	23.60	-1.3
			Sn	15	20.60	
			Sg	15	55.50	
SSF	5.63	269	Pn	14	26.40	-0.8
AVF	5.78	266	Pn	14	27.90	-1.2
TCF	6.65	263	Pn	14	39.90	-1.7
LSF	7.12	264	Pn	14	45.90	-2.2
CAF	7.19	253	Pn	14	47.50	-1.6

S.D. = 1.3 on 32 of 34 obs.

NOV 01, 1992 08h 16m 01.88±0.79s
 47.389 N ± 6.4km 11.789 E ± 5.6km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 2.0 (VIE).

WATA	0.15	250	iPgc	16	05.40	-0.2
			iSg	16	08.50	
WTTA	0.16	220	iPgc	16	05.80	0.1
			iSg	16	08.50	
SCE	0.36	189	iPgd	16	09.00	-0.3
			iSg	16	14.50	
SQTA	0.43	247	iPgc	16	09.90	-0.8
			iSg	16	16.30	
FUR	0.85	336	ePg	16	18.80	0.5
			iSg	16	30.60	
FVI	1.05	139	P	16	21.50	-0.1
			eSg	16	34.40	
KBA	1.10	106	iPgc	16	22.10	-0.6
			iSg	16	36.70	
CTI	1.35	184	P	16	28.10	1.4
			eSg	16	44.70	
FEL	2.60	282	ePn	16	51.43	6.6X

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

NOV 01, 1992 08h 20m 31.58±0.70s
 47.380 N ± 7.7km 11.806 E ± 5.9km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 1.7 (VIE).

WATA	0.16	254	iPgc	20	35.30	-0.1
			iSg	20	38.60	
WTTA	0.16	225	iPgc	20	35.80	0.4
			iSg	20	38.40	
SQTA	0.44	249	iPgc	20	40.10	-0.4
			iSg	20	46.40	
FUR	0.86	336	iPgc	20	48.70	0.5
FUR	0.86	336	iPgc	21	15.60	27.4X
KBA	1.09	105	iPgc	20	52.40	0.2
			iSg	21	06.70	
GEC2	1.94	40	Pn	21	04.50	-0.5
			Pg	21	06.90	
			Sg	21	32.10	

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

NOV 01, 1992 08h 23m 51.67±0.19s
 64.154 N ± 2.5km 149.898 W ± 3.0km
 DEPTH = 153.9 ± 1.6 km
 5.0mb (59 obs.)
 CENTRAL ALASKA (1)

NEA	0.55	40	iPd	24	14.57	0.6
			iS	24	31.14	
MCK	0.60	134	iPd	24	14.07	-0.2
			eS	24	29.80	
TRF	0.73	194	iPd	24	14.90	-0.3
KTH	0.76	217	ePc	24	15.34	0.0
WRH	0.85	67	iPc	24	16.31	0.4
RND	0.88	148	P	24	15.30	-0.9
MLY	0.95	338	iPd	24	18.12	1.4
CCB	1.03	61	iPc	24	17.78	0.4
MDM	1.08	41	iPc	24	18.60	0.8
			iS	24	38.14	
FBA	1.18	50	iPc	24	19.02	0.4

HUR	1.19	174	ePd	24	17.64	-1.1
			eS	24	37.19	
HDA	1.31	78	iPc	24	19.81	-0.1
GLM	1.37	51	iPc	24	21.14	0.6
DDM	1.82	100	eP	24	24.70	-0.7
DJE	1.86	92	iPc	24	24.90	-0.9
THY	1.98	110	eP	24	26.80	-0.5
			eS	24	54.10	
SKT	2.31	200	ePc	24	29.11	-2.0X
			eS	24	57.40	
PAX	2.31	119	ePc	24	29.61	-1.6X
PRP	2.32	52	eP	24	31.83	0.5
GHO	2.43	169	iPc	24	30.75	-1.9X
SML	2.46	162	iPc	24	30.79	-2.2X
IMA	2.50	322	iPd	24	35.10	1.5
			(S)	25	06.87	
PWA	2.51	180	P	24	31.70	-1.9X
			S	25	02.90	
SDG	2.55	128	ePc	24	32.35	-1.8X
PLRM	2.60	172	P	24	32.20	-2.4X
PMR	2.60	172	iPc	24	31.81	-2.8X
			eS	25	02.24	
DOT	2.63	99	iPc	24	33.58	-1.5
TOA	2.66	139	P	24	34.20	-1.3
SUA	2.73	189	eP	24	35.49	-0.9
KNK	2.83	166	ePc	24	35.29	-2.3X
			eS	25	08.53	
PMS	2.93	177	P	24	36.50	-2.3X
TZL	2.94	134	eP	24	37.18	-1.7X
TTA	3.00	249	iPc	24	39.40	-0.4
			eS	25	08.38	
CGLM	3.02	200	ePc	24	37.83	-2.2X
CRP	3.08	201	iPc	24	38.30	-2.6X
			eS	25	14.04	
CP2	3.10	201	ePc	24	39.23	-1.9X
FYU	3.11	37	iPc	24	42.06	1.0
BGL	3.12	203	ePc	24	39.75	-1.8
CKN	3.12	201	ePd	24	39.35	-2.0X
SPU	3.15	199	iPc	24	39.15	-2.5X
			eS	25	13.45	
CKT	3.15	201	eP	24	39.49	-2.2X
CKL	3.18	202	iPc	24	40.04	-2.0X
TMW	3.18	102	ePc			

AUH	5.09	201	eP	25	04.14	-3.1X	MAT	50.02	273	eP	32	31.00	-0.8		0.6s	43.20nm	5.4mb
SNH	5.18	137	ePd	25	06.13	-2.2X	JSC	50.50	92	eP	32	34.19	-1.2				
CYK	5.36	136	eP	25	08.67	-2.0X	LHS	50.53	91	eP	32	34.08	-1.5	OSS	68.39	15 ePd	34 38.50 0.4
YAH	5.38	131	eP	25	08.68	-2.5X	SGS	51.75	92	eP	32	43.70	-1.2	VDL	68.51	15 iPd	34 39.60 0.7
WRG	5.54	135	eP	25	11.10	-2.0X	KAF	54.01	2	eP	33	00.70	-0.5	RJF	68.58	21 iPd	34 38.30 -0.8
SYI	5.69	193	eP	25	11.52	-3.6X	NB2	54.32	11	P	33	02.00	-1.5		0.6s	2.80nm	4.3mb
PCA	6.08	128	eP	25	18.36	-2.1X		0.9s	5.80nm					EMS	68.61	17 iPd	34 39.70 0.2
BCPM	6.40	126	eP	25	22.43	-2.3X	HFS	55.41	10	eP	33	10.20	-1.2	LFF	68.81	22 iPd	34 40.50 0.0
KDC	6.55	192	eP	25	21.67	-5.0X		0.5s	1.20nm						0.8s	35.45nm	5.2mb
			eS	26	30.24		Z	16s	62.00um					TMA	68.82	16 ePd	34 40.90 0.2
PNL	6.69	127	eP	25	25.66	-3.0X			LR	49	18.00		CAF	69.04	21 iPd	34 41.60 -0.3	
ANM	6.73	280	eP	25	29.74	0.7	EKA	58.12	22	Pc	33	30.40	-0.1		0.5s	6.65nm	4.7mb
			eS	26	45.95			0.6s	22.20nm				VAI	69.04	16 P	34 42.20 0.4	
BRW	7.63	343	eP	25	40.54	-0.6	OBN	60.97	356	iPc	33	50.00	0.0	LPL	69.13	17 iPd	34 43.50 0.8
SIT	10.08	128	eP	26	12.40	-1.1		0.5s	32.00nm						0.8s	15.05nm	4.9mb
YKA	15.81	80	eP	27	24.80	-1.9X			e	33	58.00		LPO	69.14	22 iPd	34 42.30 -0.2	
	0.6s	20.30nm							e	34	26.00			0.9s	24.10nm	5.0mb	
MCW	21.29	124	eP	28	28.02	1.3	WTS	62.78	16	iP	34	02.20	0.2	LPG	69.15	17 iPd	34 43.60 0.7
GMW	22.26	125	eP	28	36.95	0.8		0.8s	16.00nm					1.0s	16.00nm	4.8mb	
RMW	22.69	124	ePc	28	41.95	1.6	ENN	63.87	17	eP	34	09.00	-0.2	CTI	69.18	14 P	34 42.20 -0.7
BMW	23.03	128	eP	28	44.38	0.8		0.9s	8.00nm				BNI	69.58	18 P	34 46.20 0.9	
LON	23.29	125	ePc	28	47.20	1.0	SNF	63.91	18	P	34	09.20	-0.2	BOB	70.21	15 P	34 49.60 0.5
SHW	23.62	126	ePc	28	50.88	1.4	CLL	64.10	12	iPd	34	09.90	-0.8	EPF	70.60	23 eP	34 50.50 -1.0
DPW	23.70	118	eP	28	50.52	0.4		1.1s	14.00nm				SBF	70.85	17 iPd	34 53.00 0.1	
NEW	23.80	116	iPc	28	51.20	0.1	DOU	64.36	18	Pc	34	12.20	-0.2		0.8s	60.70nm	5.5mb
	1.1s	83.33nm						0.8s	11.70nm				BDI	71.03	15 P	34 52.70 -1.4	
SES	24.62	105	ePd	28	58.80	0.0	BRG	64.62	11	iP	34	13.60	-0.4	FRF	71.04	18 eP	34 54.20 0.2
	1.0s	105.00nm						0.9s	20.00nm				LRG	71.11	18 iPd	34 54.70 0.3	
VGB	24.72	125	eP	28	59.76	0.0			e	34	19.00			1.0s	50.00nm	5.3mb	
FCC	26.43	76	eP	29	19.50	4.3X	MOX	64.63	13	iPd	34	14.00	-0.2	LMR	71.25	18 eP	34 55.50 0.3
LRM	27.64	114	ePd	29	26.50	-0.1		1.0s	28.00nm				SFI	71.31	14 P	34 56.60 1.1	
LBFM	28.01	131	ePd	29	29.55	-0.3	KSP	64.84	10	iPc	34	15.30	-0.1	ASS	72.23	13 P	35 01.20 0.0
WDC	28.49	133	ePd	29	34.19	0.3	FLN	64.90	22	iPd	34	15.20	-0.7	HVAR	72.47	10 iP	35 02.10 -0.3
	0.8s	18.94nm						0.6s	12.10nm				GUN	78.44	312 P	35 37.40 0.6	
ORV	29.75	132	eP	29	44.14	-1.0	WLF	64.98	17	iPc	34	16.77	0.4	KKN	78.75	312 P	35 39.00 0.7
HHA I	29.77	116	eP	29	45.56	0.1	HOF	64.99	13	eP	34	16.20	-0.2	GKN	78.76	313 P	35 36.90 -1.4
HVU	30.91	118	eP	29	55.67	0.2	LDF	65.12	22	eP	34	16.60	-0.7	PKI	78.91	312 P	35 39.40 0.0
ULM	31.30	90	eP	30	03.50	4.9X		0.8s	20.70nm				DMN	78.97	312 P	35 40.30 0.7	
BW06	31.33	114	iPd	29	59.70	0.4	GRR	65.20	22	iPd	34	17.40	-0.4	TIO	80.78	32 iP	35 50.00 1.0
	1.0s	40.00nm						0.9s	20.45nm				ANTZ	82.50	35 iP	35 55.00 -2.8X	
KVN	31.35	128	eP	29	59.86	0.5	LPF	65.52	22	iPd	34	19.60	-0.2		S.D. = 0.7 on 151 of 229 obs.		
ARN	31.75	134	ePd	30	02.77	0.0		0.7s	18.10nm					NOV 01, 1992 08h 24m 55.73±0.42s			
DUG	32.26	120	ePd	30	07.34	0.1	GRF	65.54	13	eP	34	20.10	0.2		47.405 N ± 4.1km 11.791 E ± 3.6km		
	0.9s	8.85nm						0.8s	17.00nm					DEPTH = 10.0km (geophysicist)			
BONR	32.26	129	eP	30	08.02	0.6	PRU	65.55	11	eP	34	20.00	0.0	AUSTRIA	(546)		
MEMM	32.31	130	eP	30	08.53	1.1		0.7s	7.10nm					ML 2.6 (LDG), 2.1 (FUR), 2.1 (VIE).			
RSSD	32.50	106	eP	30	09.05	-0.4	WET	66.24	12	iPc	34	25.10	0.6				
	0.7s	9.68nm					KHC	66.32	12	P	34	25.50	0.5				
		iPcP	32	51.43				0.9s	9.00nm								
TNP	32.52	128	iPd	30	09.78	0.2			e	35	02.50		WATA	0.16	245 iPgc	24 59.80 0.3	
	0.7s	27.07nm					CDF	66.35	16	iPd	34	25.00	-0.3				
DAU	32.67	118	eP	30	11.18	0.2		0.5s	6.90nm				WTTA	0.18	217 iPgc	25 00.00 0.2	
EMUT	33.35	118	eP	30	17.27	0.4	VRAC	66.38	10	eP	34	25.50	0.2				
MSU	33.97	121	iPd	30	22.90	0.8		0.9s	40.20nm				SCE	0.37	189 iPgd	25 03.40 0.0	
SRU	34.07	118	ePd	30	23.16	0.2	GEC2	66.61	12	ePd	34	26.80	-0.1				
ARUT	34.13	123	eP	30	23.78	0.3		0.6s	6.32nm				SQTA	0.44	245 iPgc	25 04.50 -0.2	
ISA	34.28	131	iPd	30	24.50	-0.1	HAU	66.64	17	iPd	34	26.70	-0.3				
	1.0s	34.73nm						0.6s	13.25nm				FUR	0.84	336 ePg	25 13.10 1.2	
GSC	35.17	129	ePc	30	32.94	0.8	BSF	66.86	17	iPd	34	28.10	-0.4				
GLD	35.63	112	eP	30	37.00	0.8		0.7s	15.55nm				FVI	1.06	140 P	25 16.00 0.4	
	1.0s	30.00nm					LOR	67.02	19	iPd	34	29.00	-0.4				
SSK	35.87	131	eP	30	38.82	0.7		0.8s	32.90nm				KBA	1.11	107 iPgc	25 16.10 -0.5	
DAG	36.08	17	eP	30	29.70	-9.5X	MFF	67.05	22	iPd	34	29.40	-0.2				
	0.7s	13.01nm						1.0s	26.60nm				WET	1.89	22 ePn	25 28.20 -0.1	
PEC	36.33	131	iPd	30	41.98	0.1	SSF	67.17	19	iPd	34	30.10	-0.2	GEC2	1.93	41 Pn	25 28.90 -0.1
	0.7s	19.99nm						0.8s	40.95nm								
PLM	36.93	131	eP	30	47.16	0.1	L8F	67.31	19	iPd	34	30.70	-0.6				
JAO	37.39	70	eP	30	50.00	-0.5		0.8s	15.60nm				LLS	1.98	255 iPc	25 59.30 29.4X	
GLA	37.89	128	eP	30	55.36	0.4	AVF	67.41	20	iPd	34	31.20	-0.6	SLE	2.26	280 eP	26 07.50 33.7X
ALO	39.29	117	iPd	31	07.60	0.8		0.6s	15.05nm				FEL	2.60	282 ePn	25 39.68 1.1	
	1.0s	24.53nm					ZST	67.53	9	i(P)	34	32.60	0.1	CDF	3.20	290 Pn	25 46.80 -0.3
		PcP	33	11.97					e	35	10.40						
TUC	40.00	124	iPd	31	13.52	1.1	8GF	67.57	20	iPd	34	32.20	-0.6				
	1.2s	35.22nm						0.9s	23.60nm								

01d 08h

11.152 N \pm 7.7km 61.926 W \pm 35.4km
 DEPTH = 100.0km (geophysicist)
 WINDWARD ISLANDS (95)
 MD 3.5 (TRN).

TCE 0.48 159 eP 36 00.42 -0.4
 eS 36 11.72
 TRN 0.72 134 eP 36 02.53 -0.2
 eS 36 16.50
 TPP 0.95 151 eP 36 05.54 0.5
 eS 36 23.15
 GRW 1.03 14 eP 36 06.59 0.5
 eS 36 23.09
 TBH 1.07 128 eP 36 06.44 0.0
 eS 36 22.58
 SVB 2.21 17 eP 36 20.92 0.1
 eS 36 49.20
 SVV 2.26 18 eP 36 21.00 -0.5
 eS 36 50.28
 S.D. = 0.5 on 7 of 7 obs.

NOV 01, 1992 09h 12m 34.95 \pm 0.73s
 47.378 N \pm 8.0km 11.809 E \pm 6.0km
 DEPTH = 10.0km (geophysicist)
 AUSTRIA (546)
 ML 1.3 (VIE).

WATA 0.16 255 iPg 12 38.70 -0.1
 iSg 12 41.70
 WTTA 0.16 226 iPg 12 39.10 0.3
 iSg 12 41.40
 SQTa 0.44 249 iPg 12 43.50 -0.4
 i 12 49.00
 FUR 0.87 336 ePg 12 52.30 0.7
 KBA 1.09 105 iPg 12 55.90 0.4
 iSg 13 10.10
 GEC2 1.94 40 Pn 13 07.60 -0.8
 Pg 13 10.30
 Sg 13 35.90
 S.D. = 0.7 on 6 of 6 obs.

NOV 01, 1992 09h 36m 42.54 \pm 0.13s
 28.907 S \pm 2.5km 69.544 W \pm 3.7km
 DEPTH = 109.9km (31 depth phases)
 5.6mb (56 obs.)

CHILE-ARGENTINA BORDER REGION (127)
 Felt (V) at La Serena, Coquimbo
 and Copiapo, Chile.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 59C
 Centroid Location:
 Origin Time 09:36:50.9 0.3
 Lat 29.06S 0.03 Lon 69.51W 0.04
 Dep 118.7 2.0 Half-duration 1.2
 Moment Tensor: Scale 10¹⁶ Nm
 Mrr=-9.04 0.40 Mtt=3.10 0.68
 Mff=5.95 0.71 Mrt=-7.98 0.41
 Mrf=9.15 0.41 Mtf=-0.95 0.63
 Principal Axes:
 T Val=12.64 Plg=29 Azm=237
 N 3.27 5 144
 P -15.91 60 45
 Best Double Couple: Mo=1.4 \times 10¹⁷
 NP1: Strike=341 Dip=17 Slip=-72
 NP2: 142 74 -95

TLL 1.67 221 iPd 37 11.90 -0.2
 ZON 2.73 164 iPd 37 27.30 1.5
 RTBS 2.75 178 iPd 37 27.90 2.1
 CFA 2.92 158 iPd 37 29.20 1.0
 RTFR 2.98 118 iPd 37 29.80 0.8
 RTCV 3.07 164 iPd 37 31.80 1.5
 JACH 3.87 193 iPd 37 40.85 -0.3
 IS 38 13.97
 MDZ 4.01 172 iPd 37 44.70 1.7
 i 37 59.70
 IS 38 19.40
 ROCH 4.24 197 iPd 37 44.06 -2.3
 IS 38 19.87
 PEL 4.33 193 iPd 37 46.10 -1.4
 IS 38 24.80
 FCH 4.45 188 iPd 37 49.33 0.0
 IHA 4.48 203 ePd 37 46.80 -2.6
 i 37 51.00
 IS 38 24.80
 SAN 4.63 192 iPd 37 49.87 -1.6

PCH 4.77 190 iPd 37 52.10 -1.4
 MRA 4.81 138 iPd 37 53.80 -0.1
 LCCH 4.87 200 iPd 37 51.39 -3.4X
 TACH 4.88 194 iPd 37 52.22 -2.7
 TCA 4.93 121 iPd 37 55.10 -0.5
 CHCH 5.10 190 iPd 37 55.68 -2.3
 ANT 5.24 351 (P) 37 56.00 -3.8X
 LNV 5.28 197 iPd 37 56.30 -4.1X
 SLA 5.52 42 iPd 38 04.20 0.4
 RFA 5.92 171 ePd 38 07.20 -2.1
 LPA 11.54 124 ePd+ 39 23.50 -1.4
 0.9s 363.03nm 6.1mb
 ePP 39 34.00
 LPB 12.39 6 P 39 34.00 -2.6
 1.1s 460.76nm 6.0mb
 S 42 19.00

ARE 12.52 351 iPd 39 39.00 0.8
 i(S) 40 09.50
 ITB1 14.19 76 e(P) 40 00.00 0.5
 ITB7 14.21 78 e(P) 40 01.00 1.1
 ITB 14.29 77 e(P) 40 02.50 1.6
 NNA 18.16 336 iPd 40 48.80 -0.3
 0.8s 29.85nm 4.6mb X
 BMA 23.66 81 iPd 41 45.20 0.3
 e 41 50.60 19kmX
 BAO 23.87 61 Pd 41 46.70 -0.4
 e 41 48.10 5kmX
 e 42 11.60
 e 42 16.10
 e 42 18.20
 e 42 24.90
 e 42 35.60
 e 42 43.60
 e 43 14.20
 e 43 42.70
 e 49 12.50
 e 49 13.40
 e 49 21.00
 e 49 31.10
 e 49 51.00
 e 49 55.90
 e 50 08.00
 e 50 18.00
 e 50 25.80
 e 50 39.00
 e 50 55.00

PDCR 32.65 66 iPd 43 05.10 -1.1
 SDV 37.59 358 iPd 43 46.60 -1.7
 TOV 38.47 360 iPd 43 54.00 -1.5
 TPP 39.77 13 ePd 44 06.49 0.3
 GRW 41.53 12 ePd 44 19.32 -1.4
 SVB 42.69 12 ePd 44 28.41 -1.7
 SVV 42.74 12 ePd 44 28.88 -1.6
 BIM 43.94 12 iPd 44 38.42 -1.8
 MVM 44.01 12 ePd 44 38.68 -2.1
 FDF 44.14 12 ePd 44 39.30 -2.6
 CRM 44.20 12 ePd 44 39.98 -2.3
 PAG 45.31 11 ePd 44 45.00 -6.2X
 PORP 46.77 4 P 45 00.20 -2.4
 CPD 46.80 5 (P) 45 00.60 -2.3
 APR 47.16 4 P 45 02.50 -3.2X
 OXX 52.73 327 (P) 45 49.70 1.3
 IIT 55.16 326 (P) 46 07.70 1.5
 PPM 55.35 326 (P) 46 09.20 1.3
 NVL 60.18 158 ePd 46 39.00 -1.5
 1.2s 90.00nm 5.7mb
 e 47 08.00 119km
 e 47 23.00
 e 48 13.00
 HBF 62.35 350 ePd 46 54.38 -1.1
 e 47 12.96 71kmX
 SGS 62.63 350 ePd 46 56.40 -0.8
 ePd 47 31.57
 PRM 63.81 348 iPd 47 03.68 -1.4
 ePd 47 39.00
 JSC 63.81 349 iPd 47 03.68 -1.4
 LHS 63.94 350 iPd 47 04.67 -1.2
 CEH 65.08 351 iPd 47 12.50 -0.7
 0.7s 151.30nm 6.0mb
 ePd 47 45.08
 BLA 66.56 351 iPd 47 21.92 -0.8
 0.7s 56.36nm 5.6mb
 MBO 66.58 57 iPd 47 23.60 0.4
 NAV 66.71 350 ePd 47 22.32 -1.4
 UYO 67.01 338 iPd 47 24.80 -0.8
 MIAR 67.07 339 iPd 47 25.06 -0.9
 1.1s 172.49nm 5.9mb

CBN 67.16 353 iPd 47 26.20 -0.2
 1.0s 65.00nm 5.5mb
 OLY 67.32 341 iPd 47 25.96 -1.5
 ELC 68.38 343 iPd 47 32.67 -1.4
 VVO 68.51 337 ePd 47 33.70 -1.2
 e 47 34.80 4kmX
 MCWV 68.88 351 ePd 47 37.19 0.1
 0.7s 134.42nm 5.9mb
 FNO 69.02 336 iPd 47 37.20 -0.9
 MEO 69.03 335 iPd 47 37.00 -1.2
 TUL 69.05 337 ePd 47 37.20 -1.0
 0.8s 323.50nm 6.2mb
 SIO 69.08 337 ePd 47 37.50 -0.9
 FVM 69.35 342 iPd 47 39.18 -0.9
 0.6s 790.59nm 6.7mb X
 LVNJ 69.53 356 iPd 47 40.65 -0.3
 ePd 48 02.84
 GMTN 69.57 356 iPd 47 40.60 -0.6
 PNJ 69.59 356 iPd 47 41.30 0.0
 i 48 20.70 164kmX
 i 48 22.60
 TBR 69.83 356 iPd 47 42.48 -0.3
 ePd 48 03.38
 PCO 70.16 337 iPd 47 44.90 -0.1
 ACO 70.94 335 iPd 47 49.20 -0.6
 HRV 71.08 358 ePd 47 50.53 0.2
 0.7s 77.28nm 5.6mb
 LIC 71.14 72 Pd 47 51.06 -0.3
 0.7s 132.50nm 5.9mb
 TIC 71.38 71 Pd 47 52.56 -0.3
 0.7s 146.50nm 5.9mb
 KIC 71.45 72 Pd 47 53.16 -0.1
 0.8s 224.00nm 6.1mb
 DLA 72.26 351 P 47 55.80 -1.6
 LDN 72.39 351 P 47 56.70 -1.5
 TUC 72.39 324 ePd 47 58.80 0.3
 1.2s 53.93nm 5.2mb
 ALO 72.44 329 iPd 47 59.41 0.5
 0.9s 86.26nm 5.6mb
 ELF 72.56 351 P 47 57.60 -1.6
 RSNY 73.24 356 ePd 48 02.91 -0.2
 0.8s 110.05nm 5.7mb
 MIM 73.80 0 ePd 48 06.35 0.1
 JFWS 73.96 344 ePd 48 06.26 -1.1
 0.8s 149.68nm 5.9mb
 LMN 74.53 3 iPd 48 13.70 3.2X
 GLA 75.10 322 iPd 48 15.15 1.0
 ePd 48 42.46 106km
 CBM 75.49 1 iPd 48 16.29 0.3
 EEO 75.69 353 ePd 48 19.40 2.3
 GLD 75.95 332 ePd 48 21.00 2.0
 1.2s 149.49nm 5.7mb
 ePd 48 49.00 109km
 esP 49 02.00
 GOL 75.97 332 iPd 48 19.49 0.3
 0.8s 64.11nm 5.5mb
 ePd 48 47.00 107km
 esP 49 00.53
 PV10 76.44 329 iPd 48 23.00 1.1
 PLM 76.45 321 ePd 48 21.59 -0.4
 PEC 77.01 321 iPd 48 25.69 0.8
 0.9s 48.88nm 5.3mb
 ePd 48 53.54 108km
 MAW 77.43 163 iPd 48 27.60 1.0
 1.0s 142.00nm 5.7mb
 ePd 48 57.00
 SSK 77.55 321 ePd 48 28.86 0.9
 ePd 48 56.93 109km
 SRU 77.71 329 iPd 48 29.33 0.5
 ePd 48 57.58 110km
 esP 49 11.90
 GSC 77.87 322 ePd 48 30.46 0.8
 ePd 48 58.41 109km
 MSU 78.00 327 iPd 48 31.57 1.1
 ePd 48 59.65 109km
 ARUT 78.05 326 iPd 48 31.95 1.3
 ePd 49 00.04 109km
 EMUT 78.41 329 ePd 48 33.27 0.6
 ePd 49 01.75 111km
 ABL 78.87 320 ePd 48 36.15 0.9
 ePd 49 03.91 108km
 ISA 79.05 321 ePd 48 37.26 1.2
 0.9s 68.95nm 5.5mb
 ePd 49 04.84 107km
 DAU 79.09 329 ePd 48 36.97 0.5
 RSSD 79.23 335 ePd 48 37.45 0.4
 0.8s 81.78nm 5.6mb

BCH	79.60	320	eP	48 40.62	1.6	KRI	89.73	109	iPc	49 32.50	2.3		0.7s	1.90nm				
			epP	49 08.61	108km				i	50 00.80	107km		HFS	111.39	32	ePKP	55 02.30	-2.2X
DUG	79.64	328	iPd	48 39.97	0.8	GMW	89.90	327	eP	49 30.11	0.0		0.5s	1.20nm				
	0.6s	19.35nm			5.1mb	ELUQ	90.03	46	eP	49 31.60	0.6		MLR	113.63	50	ePKP	55 07.00	-2.5X
			epP	49 08.36	110km	ECOG	90.30	47	eP	49 32.50	0.2		NUR	116.72	34	iPKP	55 13.60	-1.1
KIM	80.09	117	iPd	48 41.50	-0.5	BCAO	90.44	85	iPd	49 34.30	1.0			0.6s	13.70nm			
	1.0s	85.00nm			5.5mb		1.0s	300.00nm			6.4mb		MNK	116.86	41	ePKP	55 14.00	-1.2
			i	49 10.00	111km			ic	50 06.20	122kmX		KAF	117.80	32	ePKP	55 15.30	-1.4	
TNP	80.18	324	iPd	48 42.96	0.7			id	50 17.70				0.4s	15.80nm				
	1.0s	97.77nm			5.6mb	EPLA	90.44	43	eP	49 32.50	-0.3		SDF	118.60	26	iPKP	55 17.30	-0.8
			epP	49 10.90	108km	EBAN	90.70	46	iPc	49 34.80	0.8		OBN	122.25	41	iPKPd	55 24.70	-0.7
PHAM	80.24	320	eP	48 43.44	1.1	ENIJ	91.00	48	eP	49 35.50	0.1			1.0s	70.00nm			
PKEM	80.25	321	(P)	48 43.89	1.5	EHUE	91.25	47	eP	49 36.50	-0.1			e	55 56.00			
PRI	80.61	320	iPd	48 45.69	1.3	EVIA	91.79	46	eP	49 39.60	0.5		SOC	122.72	55	iPKPc	55 27.20	0.5
BONR	80.65	323	ePd	48 45.72	0.9	GUD	91.96	44	eP	49 40.00	0.2			0.7s	100.00nm			
			epP	49 14.44	111km	ECHE	93.31	46	eP	49 45.50	-0.5		ASPA	123.06	206	ePKP	55 27.00	-1.0
FRI	80.70	321	iPd	48 44.40	-0.3	EPF	96.08	44	eP	49 59.10	0.5			1.0s	30.90nm			
ANTZ	80.71	50	iP	48 45.50	0.6		0.8s	11.95nm			5.5mb		KIV	124.91	55	iPKPd	55 31.00	-0.1
			i	48 46.00	2kmX	LFF	97.38	42	eP	50 04.50	0.2			0.9s	97.00nm			
			i	49 10.50			0.5s	12.30nm			5.7mb			i	56 02.00			
MEMM	80.78	322	eP	48 46.52	1.5	LPO	97.50	43	eP	50 05.10	0.2		PYA	125.18	55	iPKPc	55 31.00	-0.5
			epP	49 15.10	111km		0.7s	5.75nm			5.2mb			1.3s	150.00nm			
HVU	80.87	329	iPd	48 45.69	0.0	MFF	97.79	41	eP	50 06.20	0.1			i	57 20.00			
			epP	49 14.44	111km		1.2s	40.45nm			5.8mb		ERE	125.64	59	iPKP	55 33.00	0.3
BLF	81.02	118	iPd	48 46.50	-0.4	RJF	98.04	42	eP	50 07.20	-0.1		MTA	126.11	58	iPKP	55 32.60	-0.7
	1.0s	260.00nm			6.0mb	LPF	98.10	39	eP	50 06.80	-0.6		WB2	126.23	208	ePKP	55 24.80	-9.5X
			e	49 16.50	117km		0.9s	17.35nm			5.6mb			0.6s	1.60nm			
LLA	81.11	320	iPd	48 48.08	1.2	CAF	98.16	43	eP	50 08.10	0.2			i	55 33.80			
PRS	81.15	320	iPd	48 48.40	1.3		0.9s	16.05nm			5.6mb			i	56 05.10			
KVN	81.36	324	ePd	48 49.08	0.7	GRR	98.40	39	eP	50 08.20	-0.6		WRA	126.24	208	PKP	55 26.50	-7.8X
SAO	81.50	320	eP	48 49.63	0.8		0.7s	11.70nm			5.6mb			0.5s	2.00nm			
PTI	81.56	330	ePd	48 49.75	0.5	LSF	98.56	42	eP	50 09.50	-0.1		GRS	126.92	61	ePKP	55 45.00	9.8X
			epP	49 18.50	111km		1.1s	21.00nm			5.6mb			e	57 30.00			
CMB	81.83	322	iPd	48 51.01	0.4	FLN	98.82	39	eP	50 10.30	-0.4		GRO	126.98	56	iPKPc	55 36.00	1.0
	0.8s	15.64nm			4.9mb		1.3s	27.10nm			5.7mb			1.0s	110.00nm			
HHAi	81.90	330	ePc	48 51.55	0.6	LDF	98.92	39	eP	50 10.60	-0.6		NANU	128.60	186	ePKP	55 38.50	-0.1
ARN	81.96	321	ePd	48 52.82	1.5		0.8s	13.95nm			5.6mb		ARU	134.49	38	iPKPd	55 49.30	0.5
			epP	49 20.96	108km	TCF	98.98	42	eP	50 11.30	-0.3			0.8s	120.00nm			
GCC	82.00	320	iPd	48 52.73	1.3		0.8s	8.20nm			5.4mb			e	56 20.00			
ULM	82.20	343	ePd	48 57.00	4.8X	MAF	99.15	42	eP	50 12.40	0.0			e	58 26.00			
JAQ	82.54	356	eP	48 53.00	-0.8	BGF	99.50	42	eP	50 13.80	-0.1		SVE	135.46	37	ePKPd	55 51.00	0.4
PCC	82.55	320	iPd	48 55.33	1.1		0.9s	17.70nm			5.7mb			2.0s	860.00nm			
BKS	82.73	321	iPd	48 56.47	1.2	AVF	99.92	42	eP	50 15.50	-0.3			e	56 14.80			
ZSP	82.79	321	eP	48 56.83	1.3		1.1s	14.90nm			5.5mb			e	58 26.00			
NTYM	83.33	321	eP	48 59.03	0.8	SMF	100.13	42	ePdiff50	16.80	-0.1		TIK	136.04	352	iPKPc	55 51.00	-0.3
ORV	83.53	322	iPd	49 00.43	1.2		0.7s	17.55nm			5.8mb			1.5s	36.00nm			
LRM	83.95	331	iPd	49 00.20	-1.4	SSF	100.15	42	ePdiff50	16.30	-0.7			e	58 29.00			
			e	49 21.10	77kmX		1.3s	23.10nm			5.6mb		ASH	136.07	64	ePKP	55 45.00	-7.4X
TIO	84.00	50	iP	49 03.00	1.0	LBF	100.38	42	ePdiff50	17.50	-0.6		NRI	137.46	11	iPKPd	55 53.70	-0.4
			i	49 34.00	120kmX		1.1s	10.75nm			5.4mb			0.8s	51.00nm			
WDC	84.82	322	iPd	49 05.07	-0.6	LOR	100.46	42	ePdiff50	17.70	-0.7			e	56 23.00			
	0.8s	32.70nm			5.3mb		0.8s	9.00nm			5.4mb			e	58 46.00			
			ePcP	49 13.54		LPL	101.29	44	ePdiff50	23.10	0.7		BRVK	141.98	39	iPKPd	55 58.00	-4.7X
			epP	49 33.41	108km		1.0s	20.00nm			5.7mb			0.6s	42.00nm			
LBFM	85.02	323	eP	49 07.53	0.5	LPG	101.29	44	ePdiff50	23.30	0.8		QUE	142.30	77	ePKP	55 59.10	-5.2X
			epP	49 35.31	106km		1.1s	31.00nm			5.9mb		YAK	144.53	344	iPKPd	56 05.00	-1.8
CSY	85.11	180	iPc	49 12.60	5.8X	HAU	102.29	42	ePdiff50	26.10	-0.4			1.0s	795.00nm			
	0.6s	26.70nm			5.3mb		0.6s	5.60nm			5.5mb			i	56 35.00			
AVE	85.38	48	iP	49 09.80	1.1	BSF	102.46	42	ePdiff50	26.90	-0.5			i	59 21.00			
			i	49 30.50	76kmX	CDF	103.03	42	ePdiff50	29.50	-0.4		MKS	144.98	196	iPKPc	56 09.00	0.0
FOX	85.56	322	iPd	49 11.22	1.8	GRF	105.92	42	ePdiff50	44.10	1.5		POO	145.06	99	iPKPd	56 09.00	-0.1
FHC	85.75	322	iPd	49 12.01	1.6		1.3s	15.00nm			5.9mb		GBA	145.81	109	PKP	56 10.90	0.6
IFR	87.02	49	iP	49 18.50	1.6	GEC2	107.03	43	ePdiff50	48.10	0.4		KLI	146.00	170	ePKP	56 10.50	-0.2
			i	49 30.00	37kmX		0.9s	0.84nm			4.9mb		FRU	148.06	55	iPKPd	56 14.80	1.5
SES	87.09	335	iPd	49 16.40	-0.3			e	50 52.00					2.0s	680.00nm			
	1.2s	292.00nm			6.2mb	GEC2	107.03	43	ePKP	54 56.60	-0.2			i	56 45.50			
			pP	49 45.00	109km		0.7s	1.96nm						e	59 45.80			
BUL	87.26	111	iPd	49 19.00	0.6			e	55 06.40			HYB	148.62	104	ePKP	56 15.00	0.2	
	2.0s	345.59nm			6.0mb	KHC	107.08	43	ePKP	54 56.50	-0.3			i	56 19.00			
			i	49 50.00	119km		1.0s	3.50nm						e	56 49.50			
VGB	87.48	327	iPd	49 19.47	0.8		Z 20s	0.60um			5.1msz		YSS	149.09	315	ePKPd	56 18.40	3.7X
NEW	87.85	330	iPc	49 19.79	-0.6		N 20s	0.30um						0.9s	70.00nm			
	1.0s	47.50nm			5.5mb		E 20s	0.50um				KUSJ	149.12	307	ePKP	56 18.40	3.6X	
DPW	88.03	330	ePd	49 21.40	0.1			e	55 10.00			ELT	149.88	29	iPKPd	56 20.00	4.4X	
			epP	49 50.37	110km								1.7s	171.00nm				
EVAL	88.49	45	eP	49 24.10	0.4	CLL	107.64	41	iPKPc	54 57.80	0.1			ePP	59 52.00			
EJIF	88.59	46	iPd	49 25.00	0.8		1.5s	17.00nm				ASAJ	150.23	309	ePKP	56 22.40	5.9X	
SHW	88.67	326	eP	49 25.28	0.8	PRU	108.00	42	ePKP	55 12.50	14.1X		UKR	150.71	34	iPKP	56 16.50	-0.4
LON	88.86	327	eP	49 25.19	-0.1		Z 22s	0.50um			5.0msz			1.0s	620.00nm			
			epP	49 53.80	108km	BRG	108.00	41	ePKP	54 58.00	-0.4			e	56 53.30			
EPRU	89.06	46	eP	49 26.80	0.4		1.6s	27.00nm						e	00 00.00			
BMW	89.35	326	ePd	49 28.07	0.5	KLU	108.84	330	ePdiff50	55.20	-0.2X		PRZ	150.84	54	ePKP	56 19.00	1.3
			epP	49 56.95	109km	ZST	108.85	45	ePKP	55 06.00	5.9X			1.2s	720.00nm			
MAL	89.43	47	iPc	49 29.00	0.9			e	55 26.00				NDI	150.92	82	iPKPd	56 19.30	1.3
EHOR	89.57	46	eP	49 28.90	0.2			e	15 06.80					0.8s	33.58nm			
FCC	89.70	347	ePd	49 33.90	5.1X	VAY	109.92	53	ePKP	55 02.50	0.2</							

01d 09h

MRRJ	151.87	307	ePKP	56	25.90	6.9X	LPB	49.70	305	iPd	12	10.00	1.3	ELT	142.79	65	ePKPc	22	42.00	-6.0X
OFUJ	152.32	300	ePKP	56	26.50	6.7X	Z	18s	100.00nm			5.8mb	BALM	146.61	307	ePKP	22	55.21	0.8	
KGM	152.41	164	ePKP	56	21.20	0.6			1.03um	31	50.00	4.9Msz	NJ2	146.77	121	PKPc	22	57.40	2.0	
AOMJ	152.93	303	ePKP	56	28.70	8.2X	ARE	51.37	302	eP	12	23.00	1.7			sPKP	23	07.50		
IPM	154.20	158	ePKPd	56	23.70	0.6	CSY	54.38	161	eP	12	36.00	-6.7X	SSE	147.08	125	PKP+	22	48.00	-7.9X
UER	154.26	24	ePKP	56	21.00	-1.0		0.6s	12.80nm			5.1mb	TIY	147.84	107	ePKP	22	59.40	2.4X	
	1.5s	40.00nm					BUL	54.69	73	iPd	12	44.50	-1.2	Z	20s	0.62um			5.4Msz	
MAT	155.50	295	ePKP	56	24.00	-0.2		2.0s	241.18nm			5.9mb	KLU	148.39	306	ePKP	22	58.10	0.9	
	1.0s	15.00nm							ipP	12	53.00	28km				IPKPbc	23	01.33		
CGP	155.64	216	iPKP	56	25.00	0.0	NNA	57.83	299	eP	13	07.00	-1.1	BTO	148.54	101	PKP	23	01.00	2.9X
MOY	156.17	15	ePKP	56	26.30	1.7		1.0s	24.00nm			5.2mb	TOA	148.68	307	ePKPd	23	02.80	5.2X	
	1.7s	115.00nm					KRI	57.94	72	iPc	13	08.50	-0.5	NRI	149.03	38	IPKpd	23	02.00	4.2X
IRK	156.22	9	ePKPd	56	25.20	0.5			ipP	13	18.70	34km			1.6s	111.00nm				
	1.4s	72.00nm					LIC	64.42	25	Pd	13	51.48	-1.1	TIA	149.20	114	ePKP	23	03.20	4.0X
		i	56	53.20				1.3s	116.50nm			5.9mb	MHC	149.57	102	PKP	23	04.10	4.4X	
SNG	156.47	155	ePKP	56	27.00	0.9	KIC	64.62	25	Pd	13	52.80	-1.0	MOY	149.87	76	ePKPd	23	04.90	5.3X
CIT	156.81	355	ePKP	56	27.50	2.0		1.3s	121.00nm			5.9mb			1.7s	165.00nm				
		e	56	57.50			TIC	64.83	25	Pd	13	54.08	-1.1	PMR	149.89	306	ePKP	23	05.00	5.7X
GKN	157.29	86	PKP	56	33.60	6.6X		1.2s	81.00nm			5.7mb	FBA	150.06	312	ePKP	23	01.34	1.8	
DMN	157.64	87	PKP	56	34.40	6.8X	LWI	69.80	63	iPd	14	27.30	0.5				IPKPbc	23	04.12	
KKN	157.82	87	PKP	56	33.80	6.1X	MCO	70.10	184	P	14	29.20	1.4	SLKM	150.10	303	ePKP	23	04.82	5.0X
ZAK	157.87	12	iPKPd	56	28.00	1.3	BCAO	70.83	50	iPd	14	32.20	-0.6	KDC	150.35	297	ePKP	23	05.70	5.6X
	1.4s	37.00nm						0.8s	46.00nm			5.7mb	ZAK	150.52	79	ePKP	23	00.50	-0.1	
		e	57	01.50					id	14	40.10	25km			1.8s	17.00nm				
PKI	157.90	87	PKP	56	34.20	6.2X			ic	14	44.00					e	23	06.50		
GUN	158.37	87	PKP	56	35.20	6.7X	TRN	71.81	325	eP	14	38.00	-0.6	SPU	151.15	304	ePKP	23	06.98	5.6X
NST	163.74	142	ePKP	56	38.50	4.7X	GRW	73.31	325	eP	14	47.34	-0.2	CRP	151.21	304	ePKP	23	03.64	2.0X
CHG	165.46	131	iPKPd	56	36.00	0.7	PAG	76.95	326	eP	15	08.00	-0.3				ePKPbc	23	07.22	
	1.5s	51.39nm					THZ	81.42	195	eP	15	31.70	-0.5	CKN	151.22	304	ePKP	23	07.53	6.1X
BJI	167.94	339	ePKP	56	37.00	0.5	DSZ	81.60	195	eP	15	31.40	-1.7	BJI	151.54	108	ePKP	23	08.50	6.0X
	1.0s	20.00nm					ORZ	82.39	195	eP	15	35.30	-1.9	IRK	151.97	77	ePKP	23	07.70	4.9X
SSE	170.44	286	PKPd	56	29.50	-8.8X	BFD	87.18	172	eP	16	01.00	-0.3			1.6s	46.00nm			
	1.0s	27.00nm						0.5s	11.00nm			5.4mb				e	23	19.10		
LZH	170.92	36	PKP	56	40.00	1.4			i	16	06.00	16km	IMA	152.64	314	ePKP	23	05.26	1.8	
		PP	01	50.00			MUN	87.42	150	eP	16	02.30	-0.2				ePKPbc	23	10.88	
KMI	172.16	117	PKPd	56	40.50	1.0	ADE	89.01	169	eP	16	10.80	0.6	BRW	153.51	326	ePKP	23	12.90	8.5X
	1.9s	30.00nm					CAN	89.36	177	e(P)	16	06.90	-5.0X	CIT	157.03	83	ePKP	23	12.00	2.2X
S.D. = 1.1 on 239 of 273 obs.							BWA	90.24	177	e(P)	16	16.60	0.6	BOD	159.12	68	ePKP	23	10.80	-1.1
							STK	92.35	171	eP	16	25.70	0.1	S.D. = 1.2 on 68 of 93 obs.						
								1.1s	2.20nm			4.5mb								
NOV	01,	1992	10h	03m	16.35±0.26s		EJIF	93.66	18	eP	16	33.50	2.3	* NOV 01, 1992 10h 41m 58.08±1.78s						
55.633	S	±8.2km	27.629	W	±7.8km		EPRU	94.20	18	eP	16	36.50	2.8	13.691 N ± 5.7km 60.394 W ±20.3km						
DEPTH =	24.7km	(5 depth phases)					EVAL	94.55	17	eP	16	37.50	2.2	DEPTH = 25.5 ± 6.6 km						
5.4mb	(14 obs.)	5.1Msz	(2 obs.)				EHOR	95.03	18	eP	16	40.00	2.6	WINDWARD ISLANDS (95)						
SOUTH SANDWICH ISLANDS REGION	(153)						ASPA	99.46	163	iPd	16	57.10	-1.2	MD 3.5 (TRN). ML 3.2 (FDF).						
CENTROID, MOMENT TENSOR	(HRV)							0.7s	6.40nm			5.3mb								
Dato Used:	GDSN								e	20	57.10		SVV	0.88	245	eP	42	14.77	0.1	
L.P.B.:	95, 14C						WRA	103.18	163	Pdiff	17	17.20	2.5X			eS	42	28.73		
Centroid Location:								0.5s	0.90nm			4.8mb	SVB	0.93	244	eP	42	15.56	0.1	
Origin Time	10:03:21.0	0.5					FVM	107.45	313	(PKP)	21	44.02	2.3X			eS	42	29.66		
Lat 56.51S	0.11	Lon 27.82W	0.21						ePP	21	58.99		FCV	0.98	237	eP	42	16.08	-0.1	
Dep 15.0	FIX	Half-duration	1.2				MSU	117.94	298	ePKP	22	02.31	0.3			eS	42	30.11		
Moment Tensor;	Scale 10**17	Nm					RSSD	118.39	307	ePKP	22	01.73	-0.9	MVM	0.99	331	eP	42	15.97	-0.3
Mrr=-2.11	0.25	Mtt=1.68	0.26				TNP	120.18	294	ePKP	22	06.58	0.4			eS	42	30.08		
Mff=0.42	0.12	Mrt=0.00	0.31				NB2	120.30	21	PKP	22	04.80	-0.7	BIM	1.05	321	eP	42	17.49	0.3
Mrf=1.30	0.39	Mtf=-0.73	0.23					0.9s	6.20nm				CRM	1.17	334	eP	42	18.51	-0.4	
Principal Axes:							NDI	121.40	84	ePKP	22	08.00	-0.5			eS	42	34.38		
T Vol=	2.11	Plg=	9	Azm=	210		NUR	122.96	28	iPKP	22	09.20	-1.3	FDF	1.27	325	eP	42	20.59	0.3
N	0.57		22		304			1.0s	15.10nm				GRW	1.96	219	eP	42	29.76	-0.6	
P	-2.68		66		100		LRM	123.57	303	ePKP	22	12.60	0.0			eS	42	54.63		
Best Double Couple:Mo=	2.4*10**17						KAF	124.75	28	iPKP	22	13.30	-0.6	TRN	3.18	198	eP	42	48.00	0.4
NP1:Strike=	276	Dip=	41	Slip=	-125			0.9s	20.50nm							eS	43	23.00		
NP2:	139		57		-64		DMN	125.04	91	PKP	22	15.50	-0.4	S.D. = 0.4 on 9 of 9 obs.						
NVL	22.75	147	iPd	08	19.00	1.7	GKN	125.08	91	PKP	22	14.80	-1.1							
	1.2s	71.00nm			5.0mb		PKI	125.18	92	PKP	22	15.20	-1.1	? NOV 01, 1992 11h 44m 45.70±4.64s						
		eP	08	35.00	70kmX		KKN	125.28	91	PKP	22	15.40	-1.0	32.638 S ±29.5km 71.614 W ±23.5km						
		e	08	42.00			GUN	125.71	92	PKP	22	17.00	-0.4	DEPTH = 22.6 ± 7.0 km						
		eS	12	24.00			SES	126.24	308	ePKP	22	16.00	-1.3	NEAR COAST OF CENTRAL CHILE (135)						
RFA	34.84	290	ePc	10	01.70	-5.5X	KSH	128.65	74	PKP	22	24.50	2.1	MD 3.4 (SAN).						
MRA	35.22	295	e(P)	10	09.60	-0.8			sPKP	22	31.00		ROCH	0.61	123	iPd	44	57.93	0.2	
TCA	35.51	298	iPd	10	12.80	-0.2	SDF	129.13	24	iPKP	22	21.70	-0.5			IS				

IS 45 31.67
S.D. = 0.3 on 10 of 10 obs.
NOV 01, 1992 11h 45m 15.10 ± 0.18s
44.654 N ± 1.7km 6.787 E ± 1.9km
DEPTH = 6.6 ± 1.7 km
FRANCE (538)
ML 3.4 (LDG), 3.3 (STR), 3.1 (GEN).

SURF	0.17	174	Pg	45	18.87	0.0
RRL	0.27	360	Pc	45	21.37	0.8
			S	45	25.57	
PZZ	0.27	124	Pd	45	21.18	0.5
			S	45	24.88	
DOI	0.36	115	P	45	22.60	0.2
			eSg	45	28.30	
BHB	0.39	61	Pd	45	23.66	0.7
			S	45	30.04	
BNI	0.41	349	P	45	23.70	0.4
			eSg	45	29.40	
STV	0.56	137	Pd	45	25.99	-0.4
			S	45	33.85	
RSP	0.60	34	Pd	45	27.67	0.5
			S	45	36.09	
ENR	0.62	133	Pd	45	27.09	-0.5
			S	45	35.54	
TOUF	0.72	153	Pg	45	29.28	-0.3
			Sg	45	39.50	
MVIF	0.80	161	Pg	45	30.91	-0.2
AUTN	0.80	145	Pg	45	30.72	-0.4
			Sg	45	41.84	
LPG	0.84	358	Pg	45	31.90	0.0
			Sg	45	43.90	
LSD	0.84	18	Pd	45	31.72	-0.2
			S	45	43.78	
ROB	0.85	114	Pd	45	31.65	-0.3
			S	45	43.68	
AURF	0.86	153	Pg	45	31.81	-0.2
LPL	0.86	357	Pg	45	32.20	0.0
			Sg	45	44.40	
CALN	0.90	175	Pg	45	32.97	0.1
SBF	0.92	149	Pg	45	32.86	-0.1
GRN	0.95	309	Pg	45	33.78	0.3
			Sg	45	46.84	
REVF	1.00	155	Pg	45	35.00	0.5
IMI	1.09	133	Pd	45	35.65	-0.2
			S	45	49.32	
CKI	1.09	102	P	45	35.60	-0.3
			eSg	45	51.30	
FRF	1.10	185	Pg	45	36.00	0.0
			Sg	45	52.70	
FIN	1.11	113	Pd	45	36.02	-0.3
			S	45	49.83	
VILF	1.11	224	Pg	45	37.14	0.8
TAVF	1.16	207	Pg	45	38.18	1.0
			Sg	45	54.01	
LRG	1.24	195	Pg	45	38.40	0.0
			Sg	45	56.00	
PCP	1.26	95	Pd	45	38.81	-0.1
			S	45	55.41	
ORO	1.29	41	P	45	39.70	0.4
			eSg	45	56.30	
ORX	1.29	40	P	45	38.52	-0.9
			S	45	55.06	
LMR	1.34	189	Pg	45	40.10	0.1
			Sg	45	58.50	
PUYF	1.37	215	Pg	45	41.90	1.3
			Sg	45	59.42	
EMS	1.42	4	ePd	45	43.50	1.9
PRAF	1.44	234	Pg	45	43.62	1.9
			Sg	46	04.37	
TREF	1.44	225	Pg	45	43.54	1.8
DIX	1.49	17	ePd	45	43.70	1.1
BERF	1.56	211	Pg	45	44.05	0.7
			Sg	46	05.07	
GELF	1.60	218	Pg	45	45.71	1.7
MMK	1.63	30	ePc	45	45.40	0.9
SSB	1.71	292	Pn	45	46.02	0.4
			Sg	46	10.07	
VAI	1.85	48	P	45	46.60	-0.9
BOB	1.90	86	P	45	49.00	0.7
TMA	2.07	45	ePd	45	50.90	0.1
MDI	2.35	60	P	45	56.50	1.7
COLF	2.35	293	Pn	45	54.57	-0.3
VDL	2.63	45	ePd	45	59.70	0.8
PGF	2.65	142	Pn	45	56.49	-2.6

LLS	2.70	34	Pc	46	04.30	4.3X
PII	2.85	108	P	46	04.10	2.3
SMF	2.87	315	Pn	46	02.30	0.1
			Sg	46	45.90	
LBF	3.05	321	Pn	46	04.80	0.1
			Sn	46	40.40	
			Sg	46	51.50	
BSF	3.18	0	Pn	46	06.40	-0.2
AVF	3.22	313	Pn	46	07.30	0.3
			Sg	46	58.60	
LOR	3.32	323	Pn	46	08.50	0.0
			Sn	46	47.70	
			Sg	47	01.40	
SSF	3.32	318	Pn	46	09.00	0.4
			Sg	47	00.40	
SLE	3.33	20	ePd	46	09.00	0.3
FEL	3.33	14	ePn	46	08.86	0.0
BGF	3.36	306	Pn	46	09.50	0.4
			Sg	47	02.00	
MAF	3.36	299	Pn	46	09.40	0.3
			Sg	47	03.40	
HAU	3.37	355	Pn	46	09.30	0.1
			Sn	46	47.40	
CAF	3.37	276	Pn	46	09.10	-0.2
TCF	3.61	299	Pn	46	12.50	-0.2
			Sn	46	53.80	
CDF	3.77	5	Pn	46	14.40	-0.7
			Sn	46	59.40	
RJF	3.80	282	Pn	46	15.30	0.0
HYF	3.90	314	Pn	46	17.30	0.5
			Sg	47	18.80	
LPO	4.00	272	Pn	46	17.60	-0.5
LSF	4.03	295	Pn	46	18.70	0.1
			Sn	47	04.40	
			Sg	47	22.70	
LFF	4.31	276	Pn	46	22.10	-0.5
EPF	4.94	253	Pn	46	28.90	-2.6
MFF	5.24	294	Pn	46	35.30	-0.4
DOU	5.64	345	iP	46	41.60	0.1
			iS	47	44.20	
LDF	6.18	312	Pn	46	47.50	-1.4
GEC2	6.33	46	Pn	46	49.70	-1.6
			Sn	48	00.20	
LPF	6.38	305	Pn	46	51.00	-0.9
GRR	6.46	308	Pn	46	51.90	-1.1
FLN	6.47	312	Pn	46	51.80	-1.3

S.D. = 0.9 on 76 of 77 obs.

% NOV 01, 1992 12h 23m 33.85 ± 0.55s
42.444 N ± 4.9km 19.129 E ± 4.6km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.0 (TTG).

TTG	0.10	98	iPg	23	37.90	1.4
			iSg	23	41.00	
BDV	0.27	234	iPg	23	40.07	0.4
			iSg	23	45.27	
NKY	0.38	345	iPg	23	42.04	0.3
			iSg	23	48.64	
HGY	0.47	271	iPg	23	43.25	-0.1
			iSg	23	51.03	
ULC	0.49	169	iPg	23	43.07	-0.7
			iSg	23	50.88	
BRY	0.63	317	iPg	23	46.28	-0.3
			iSg	23	56.45	
PVY	0.64	76	iPg	23	46.42	-0.4
			iSg	23	55.99	
IVA	0.71	53	iPg	23	47.29	-0.6
			iSg	23	58.20	
PLE	0.91	12	iPg	23	51.25	0.0
			iSg	24	04.97	

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

? NOV 01, 1992 13h 36m 38.89 ± 4.15s
28.704 S ± 14.2km 175.965 W ± 38.6km
DEPTH = 91.4 ± 21.6 km
4.5mb (4 obs.)
KERMADEC ISLANDS REGION (177)

RAO	1.80	252	eP	37	09.00	0.0
			S	37	25.50	
MNG	13.80	208	eP	39	50.30	-1.4
			eS	42	20.00	
KHZ	16.11	209	eP	40	21.60	0.5
LTZ	16.96	211	eP	40	32.80	1.1
DZM	17.20	289	iPd	40	39.10	4.2X

LMZ	19.10	214	eP	40	56.90	0.0
ODZ	19.47	210	eP	41	07.90	7.0X
RMQ	31.28	266	eP	42	52.70	0.4
			0.8s	10.00nm	4.6mb	
ASPA	45.01	264	eP	44	46.20	-0.9
			1.1s	8.30nm	4.5mb	
Z	23s	0.40um			4.3mszx	
WB2	45.84	269	eP	44	36.60	-17.1X
			0.6s	3.70nm		
			i	44	53.00	
			e	46	34.00	
WRA	45.85	269	P	44	53.70	-0.1
			0.4s	1.30nm	4.1mb	
CGP	68.08	293	eP	47	31.50	0.4
MAW	74.51	200	eP	48	19.00	10.3X
			1.0s	30.00nm		
MAT	77.89	324	eP	48	28.00	-0.1
			1.2s	18.75nm	4.8mb	
NB2	147.31	354	PKP	56	17.20	7.1X
			1.0s	15.20nm		
HFS	147.90	351	ePKP	56	17.70	6.7X
			0.4s	1.40nm		
BCAO	152.21	212	iPKPd	56	27.60	8.6X
			1.2s	28.00nm		
			ic	56	34.20	
			ic	56	42.80	
KSP	156.03	341	ePKP	56	38.00	14.9X
CLL	156.43	346	ePKP	56	48.00	24.4X
			1.0s	10.00nm		

S.D. = 0.9 on 10 of 19 obs.

? NOV 01, 1992 14h 06m 38.17 ± 5.29s
45.013 N ± 12.4km 127.305 W ± 46.3km
DEPTH = 10.0km (geophysicist)
3.3mb (1 obs.)
OFF COAST OF OREGON (30)

BMW	3.21	61	eP	07	30.21	0.6
SHW	3.75	70	eP	07	38.12	0.7
GMW	4.03	49	eP	07	41.25	0.0
LON	4.21	64	eP	07	44.32	0.4
VGB	4.64	81	(P)	07	48.61	-1.3
MCW	4.78	38	eP	07	51.55	-0.4
MSU	13.02	115	eP	09	46.56	0.5
SRU	13.78	109	eP	09	55.86	-0.2
RSSD	16.60	85	eP	10	32.38	-0.2
			0.8s	2.16nm	3.3mb	

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

* NOV 01, 1992 14h 20m 40.01 ± 2.44s
32.091 S ± 19.6km 71.018 W ± 22.0km
DEPTH = 80.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

JACH	0.69	149	iP+	20	56.32	0.4
			iS	21	08.43	
ROCH	0.88	180	iPd	20	58.34	0.2
			iS	21	11.52	
PEL	1.09	165	iP+	21	00.80	0.4
			iS	21	15.79	
FCH	1.38	154	iPd	21	04.94	0.5
			iS	21	23.05	
SAN	1.39	168	iPd	21	04.39	0.1
			iS	21	22.47	
LCC	1.46	198	iPd	21	05.18	0.1
			iS	21	25.21	
TACH	1.56	178	iPd	21	06.51	0.0
			iS	21	26.37	
PCH	1.58	165	iPd	21	06.63	-0.3
			iS	21	26.66	
CHCH	1.86	171	iPd	21	10.39	-0.2
			iS	21	33.23	
LNV	1.89	190	iPd	21	10.20	-0.7
			iS	21	34.55	
RTCV	2.12	84	eP	21	15.50	1.3
			S	21	41.70	

01d 15h

AAI 7.37 279 eP 29 56.00 0.7
 MTN 9.00 208 eP 30 17.40 -0.6
 e 30 50.00
 eS 32 37.00
 KNA 12.65 211 eP 31 26.00 18.3X
 WB2 15.01 184 eP 31 36.00 -0.7
 1.2s 2.30nm 3.3mb
 i 32 17.80
 eS 35 07.50
 ASPA 18.73 185 iPc 32 26.80 1.1
 1.1s 14.60nm 4.1mb
 KKM 22.10 299 eP 32 59.90 -1.7
 CHG 43.02 304 eP 36 06.00 0.3
 8JI 48.11 340 eP 36 45.00 -0.9
 LZH 50.40 327 eP 37 20.50 16.8X
 1.5s 27.00nm
 GUN 57.86 307 P 38 00.20 1.3
 GKN 58.89 307 P 38 07.50 1.7
 HYB 60.41 293 eP 38 15.00 -1.2
 CNCB 148.33 133 PKP 47 42.00 -7.9X
 LPB 148.42 133 (PKP) 47 46.00 -3.9X
 S.D. = 1.3 on 10 of 14 obs.

NOV 01, 1992 15h 49m 08.67±0.89s
 34.246 S ± 8.9km 68.323 W ± 7.0km
 DEPTH = 33.0km (normal)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 3.7 (SAN).

RFA 0.54 193 iPc 49 20.00 0.1
 S 49 28.20
 MDZ 1.43 342 i(P) 49 31.20 -1.4
 i 49 49.70
 FCH 1.88 299 iPd 49 37.53 -1.8
 iS 50 00.43
 PCH 1.93 288 iP+ 49 38.92 -0.9
 iS 50 02.94
 CHCH 1.96 279 iPd 49 39.55 -0.7
 iS 50 03.34
 TACH 2.25 284 iP+ 49 44.32 -0.1
 iS 50 12.32
 PEL 2.26 299 iPd 49 44.13 -0.3
 iS 50 11.42
 RTCV 2.39 356 eP 49 48.70 2.4
 S 50 11.50
 JACH 2.46 309 iP+ 49 47.76 0.4
 iS 50 17.60
 ROCH 2.58 299 iPd 49 49.95 0.7
 iS 50 21.11
 LNV 2.58 276 iP+ 49 50.09 1.1
 iS 50 21.55
 CFA 2.63 2 e(P) 49 53.20 3.4X
 LCCH 2.81 285 iPd 49 53.43 1.2
 iS 50 27.99
 MRA 2.85 51 eP 49 53.20 0.4
 S 50 36.60
 TCA 4.28 48 iP 50 12.10 -1.1
 S.D. = 1.2 on 14 of 15 obs.

* NOV 01, 1992 15h 56m 03.69±1.15s
 15.164 N ± 17.0km 92.645 W ± 10.4km
 DEPTH = 123.8 ± 9.1 km
 3.8mb (1 obs.)
 MEXICO-GUATEMALA BORDER REGION (62)

TPX 0.45 125 iP 56 21.48 -0.5
 iS 56 33.41
 SCX 1.56 0 iP 56 33.60 1.2
 iS 56 51.70
 OXX 4.36 296 iP 57 09.19 -0.1
 iS 57 49.55
 IISM 5.91 311 iP 57 28.30 -1.9
 IIT 6.64 306 iP 57 40.50 0.1
 PPM 6.91 305 (P) 57 45.00 0.6
 ACX 7.14 285 eP 57 45.89 -1.1
 III 7.27 297 (P) 57 49.93 0.9
 MRX 9.32 300 (P) 58 17.90 1.5
 UYO 18.99 355 iPc 00 17.20 -1.0
 MEO 20.25 346 e(P) 00 31.50 0.2
 YKA 49.76 347 eP 04 44.00 -1.1
 0.6s 0.80nm 3.8mb
 HYB 146.48 15 ePKP 15 32.50 1.3
 S.D. = 1.2 on 13 of 13 obs.

NOV 01, 1992 16h 04m 36.27±0.39s
 44.659 N ± 2.4km 6.833 E ± 4.4km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)
 ML 2.2 (GEN), 2.2 (LDG).

SURF 0.18 185 Pg 04 39.59 -0.8
 Sg 04 42.23
 PZZ 0.25 129 P 04 41.82 0.2
 S 04 45.80
 RRL 0.26 353 P 04 41.91 0.0
 S 04 45.89
 BHB 0.36 59 P 04 44.20 0.6
 S 04 49.88
 STV 0.54 139 P 04 46.99 -0.3
 S 04 54.45
 RSP 0.58 31 P 04 48.23 0.2
 S 04 56.65
 ENR 0.60 136 P 04 47.82 -0.7
 S 04 56.88
 ROB 0.83 116 P 04 51.98 -0.3
 S 05 04.15
 LSD 0.83 16 P 04 52.39 -0.1
 S 05 03.74
 LPG 0.84 356 Pg 04 52.70 0.0
 Sg 05 04.40
 LPL 0.86 355 Pg 04 52.50 -0.5
 Sg 04 53.80 0.1
 Sg 05 07.70
 IMI 1.07 134 P 04 56.65 0.3
 FIN 1.08 114 P 04 56.74 0.1
 FRF 1.11 187 Pg 04 56.60 -0.4
 Sg 05 13.30
 LRG 1.25 196 Pg 05 00.30 0.8
 Sg 05 16.80
 LMR 1.34 190 Pg 05 01.90 0.9
 Sg 05 18.40
 S.D. = 0.5 on 17 of 17 obs.

? NOV 01, 1992 16h 14m 56.31±2.03s
 42.930 N ± 15.8km 8.532 W ± 16.8km
 DEPTH = 10.0km (geophysicist)

SPAIN (377)
 mbLg 2.9 (MDD).

STS 0.05 197 iPd 14 58.60 0.2
 eS 15 00.20
 EZAM 0.79 189 eP 15 11.50 -0.2
 eS 15 21.70
 EMON 1.01 60 iPc 15 15.50 0.0
 eS 15 27.30
 ERUA 1.16 117 eP 15 18.00 0.0
 eS 15 33.20
 S.D. = 0.2 on 4 of 4 obs.

NOV 01, 1992 17h 47m 46.78±0.17s
 2.294 S ± 3.4km 141.391 E ± 4.4km
 DEPTH = 28.9km (25 depth phases)
 5.2mb (47 obs.) 5.1msz (34 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 31S, 55C
 Centroid Location:
 Origin Time 17:47:41.0 0.5
 Lat 2.74S 0.04 Lon 141.75E 0.05
 Dep 15.0 FIX Half-duration 1.2
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr=-1.12 0.05 Mtt=1.51 0.05
 Mff=-0.39 0.06 Mrt=-0.13 0.25
 Mrf=0.32 0.15 Mtf=0.43 0.05
 Principal Axes:
 T Val=1.61 Plg=1 Azm=168
 N -0.34 23 259
 P -1.27 67 75
 Best Double Couple: Mo=1.4*10¹⁷
 NP1: Strike=236 Dip=48 Slip=-122
 NP2: 99 51 -59

WWKK 2.59 121 eP 48 25.80 -1.9
 MNDI 4.45 150 eP 48 57.60 3.3X
 iS 49 57.00
 MDG 5.27 124 eP 49 07.50 1.8
 YYY 6.02 131 eP 49 19.80 3.4X
 LAT 7.08 128 eP 49 32.40 1.3
 PMG 9.10 141 eP 50 09.00 9.7X
 RAB 10.92 100 eP 50 28.00 3.7X
 MTN 14.60 224 eP 51 10.00 -3.3X
 i 51 20.00
 eS 53 43.00

GUMO 16.15 12 eP 51 29.10 -4.4X
 QIS 18.24 185 eP 51 59.00 -0.6
 eS 55 23.00
 KNA 18.26 222 iPd 51 52.30 -7.6X
 0.8s 54.00nm 4.8mb
 DAV 18.33 301 eP 52 03.50 2.8X
 WB2 18.84 201 eP 52 04.50 -2.6
 0.7s 75.70nm 5.0mb
 eS 55 26.50
 WRA 18.85 201 P 52 05.19 -1.9
 1.0s 21.50nm 4.3mb
 KUPT 19.31 245 eP 52 14.50 1.8
 0.9s 437.90nm 5.7mb
 SVO 19.55 111 eP 52 17.00 1.7
 HNR 19.76 112 eP+ 52 15.00 -2.6
 eS 55 56.00
 CGP 19.78 303 eP 52 18.00 0.2
 PLP 21.10 310 ePd 52 30.80 -0.7
 MKS 22.06 262 iPc 52 43.60 2.4
 ASPA 22.45 198 iPc 52 43.50 -1.5
 0.9s 45.30nm 4.9mb
 Z 23s 6.00um 5.0msz
 iS 56 47.10
 QLP 24.30 174 iPd 53 03.70 0.7
 0.3s 38.00nm 5.4mb
 RMQ 25.07 164 iPc 53 11.60 1.2
 1.3s 661.00nm 6.1mb
 QCP 26.23 310 eP 53 04.20 -17.0X
 KKM 26.47 288 ePd 53 24.30 0.7
 BRS 27.23 157 iPc 53 30.20 -0.2
 1.2s 5.00nm 4.0mb X
 i 53 37.00 24km
 eS 58 21.00
 BAG 27.71 313 eP 53 38.00 2.9X
 eS 58 16.00
 CMS 29.34 172 eP 53 49.60 0.3
 1.2s 40.00nm 5.0mb
 STK 29.43 180 eP 53 48.90 -1.3
 0.9s 5.00nm 4.3mb
 eS 02 31.50
 ARMA 29.61 162 eP 53 53.60 1.7
 0.8s 14.00nm 4.8mb
 DZM 31.29 131 iPc 54 05.90 -1.0
 NANU 32.19 229 eP 54 13.50 -1.1
 0.3s 5.00nm 4.9mb
 ADE 32.60 184 eP 54 18.40 0.3
 MEEK 32.61 220 eP 54 17.00 -1.3
 BWA 32.63 169 eP 54 19.00 0.6
 CAN 33.61 169 eP 54 27.20 0.3
 CNB 33.68 168 eP 54 33.10 5.6X
 0.8s 26.00nm 5.2mb
 COOL 34.28 212 eP 54 31.50 -1.2
 8FD 34.73 178 iPc 54 37.60 1.2
 0.6s 18.00nm 5.2mb
 KAGJ 34.76 344 eP 54 46.00 9.2X
 TOO 35.31 174 iPc 54 43.70 2.2
 0.8s 27.00nm 5.2mb
 KUMJ 36.06 345 eP 54 48.60 0.8
 MRWA 36.06 220 eP 54 47.00 -0.9
 0.4s 13.00nm 5.2mb
 KLI 36.55 265 eP 54 52.80 0.6
 BAL 36.59 217 eP 54 51.50 -0.8
 KLB 36.69 215 eP 54 51.00 -2.1
 QIZ 37.56 306 eP 55 02.00 1.4
 N 13s 1.30um
 eS 00 48.00
 MUN 37.87 216 eP 55 02.00 -1.1
 KGM 38.30 276 eP 55 07.00 0.0
 MAT 38.75 356 (P) 55 05.00 -5.4X
 Z 20s 1.77um 4.9msz
 eS 00 50.00
 YAMJ 40.28 358 eP 55 22.40 -0.7
 NJ2 40.30 330 Pd 55 24.40 1.2
 E 12s 0.75um
 pP 55 33.20 30km
 S 01 30.00
 IPM 40.91 280 ePc 55 28.40 -0.1
 OFUJ 41.17 0 eP 55 34.00 3.7X
 WHN 41.61 324 eP 55 36.00 2.0
 Z 18s 1.81um 5.0msz
 N 14s 1.04um
 pP 55 45.00 30km
 SNG 41.76 283 eP 55 32.40 -3.1X
 LOE 43.73 298 eP 55 52.00 0.4
 NNT 43.93 291 eP 55 53.10 -0.1
 GYA 44.06 313 P 55 55.60 1.3
 1.0s 19.00nm 4.9mb

Z 28s	1.55um	4.8MszX	Z 15s	0.79um	5.0MszX			eS	10 07.00	
N 18s	1.55um		N 15s	0.57um		SLKM	81.51	28 eP	00 02.04	-0.8
E 18s	1.06um		E 15s	0.49um				eP	00 11.00	28km
	pP	56 04.40 29km		e	00 24.00 763kmX	IMA	82.16	22 eP	00 06.29	0.1
TIA	44.50 332 eP	55 57.00 -0.5	GKN	62.24 303 P	58 08.46 -0.4		1.1s	20.87nm	5.1mb	
	1.0s	25.00nm	IRK	62.71 335 eP	58 12.00 0.7	PMR	82.38	27 eP	00 15.48	29km
Z 32s	3.08um	5.0MszX		e	58 20.00 26km		1.0s	49.34nm	5.5mb	
	S	02 28.00	IRK	62.71 335 eP	58 20.00 8.7X	Z 20s	1.09um	1.09um	5.2Msz	
NST	44.53 295 eP	56 02.00 4.0X		e	58 50.70 126kmX	MAW	83.52	202 iPc	00 15.25	30km
KHT	45.64 293 eP	56 03.20 -3.7X		LR	19 17.00		1.0s	28.00nm	5.4mb	
BDT	46.09 297 eP	56 18.80 8.4X	HON	63.71 65 P	58 30.00 11.6X	KLU	83.81	27 eP	00 14.43	-0.3
KMI	46.32 308 Pc	56 13.50 1.0		e	58 50.70 126kmX		eP	00 23.62	29km	
	1.6s	40.00nm		1.3s	156.00nm	TOA	83.87	27 eP	00 16.10	1.1
Z 23s	1.90um	5.0MszX		0.80um	4.9Msz	FBA	84.02	24 eP	00 14.33	-1.3
	pP	56 22.00 28km		0.39um			1.0s	18.32nm	5.2mb	
CHG	46.71 299 eP	56 15.30 -0.1		0.70um			eP	00 23.24	28km	
	1.8s	73.86nm	MOY	63.73 333 eP	58 17.20 -0.8	MAIO	84.82	307 iPd	00 21.80	1.5
SNY	46.80 342 Pc	56 15.40 -0.2		1.3s	156.00nm		0.9s	22.59nm	5.4mb	
Z 22s	1.63um	4.9Msz	BOD	63.80 344 eP	58 17.10 -1.2		eS	10 52.00		
N 11s	0.91um			1.5s	19.00nm	BALM	85.37	28 eP	00 22.16	-0.4
E 14s	0.61um		ADK	64.56 27 e(P)	58 20.70 -2.7		eP	00 31.48	29km	
	sP	56 32.00	YAK	64.75 354 eP	58 24.70 0.2	ASH	85.91	308 eP	00 25.00	-0.6
	S	03 00.00		1.9s	154.00nm	SVE	86.84	327 ePd	00 30.00	0.3
XAN	47.32 323 Pc	56 19.70 -0.3		Z 24s	1.40um		3.8s	180.00nm	5.7mb X	
Z 28s	1.79um	4.9MszX		N 24s	1.40um	KAT	87.65	309 eP	00 37.00	3.0X
N 16s	0.97um		HYB	64.93 290 eP	58 25.50 -1.0		iS	11 05.00		
E 16s	0.97um		GBA	65.34 286 P	58 26.40 -2.6	ARU	87.90	326 eP	00 34.00	-0.8
	PP	58 11.00	WMQ	66.37 320 P	58 35.80 0.4		Z 16s	0.50um	5.0MszX	
	S	03 12.00		1.0s	6.20nm		E 16s	0.50um		
MDJ	47.88 349 eP	56 23.50 -0.7		Z 20s	0.80um		e	00 43.00	28km	
	Z 24s	3.31um			pP	SIT	88.25	33 P	00 50.00	13.6X
TIY	48.00 329 eP	56 22.50 -2.8			PP		Z 20s	0.61um	5.0Msz	
	Z 21s	2.79um	CSY	67.47 193 eP	58 46.40 4.6X	GRS	95.36	309 eP	01 10.00	-0.1
N 22s	3.79um	5.2Msz		0.9s	16.70nm		1.4s	40.00nm	5.7mb	
	pP	56 34.50 43kmX	NDI	68.69 302 eP	58 49.00 -1.1		eS	11 44.00		
	S	03 22.00	POO	69.54 291 iPd	58 55.00 -0.5	TAB	95.40	308 eP	01 09.00	-1.3
BJI	48.05 334 eP	56 25.00 -0.5	UKR	71.53 326 eP	59 07.00 0.1	WDC	96.10	50 P	01 20.00	6.8X
	1.5s	34.00nm		1.6s	73.00nm		Z 21s	0.61um	5.0Msz	
Z 22s	1.54um	4.9Msz		Z 18s	0.66um	ORV	96.94	51 (P)	01 16.86	-0.2
N 20s	1.33um				e	CMB	97.89	52 P	01 30.00	8.6X
	eP	56 34.00 30km			eS		Z 19s	0.62um	5.1Msz	
CN2	48.07 344 eP	56 25.00 -0.6			e		YKA	98.48	27 eP	01 22.70 -0.7
	1.0s	24.00nm	ELT	71.85 329 eP	59 07.00 -1.8		1.1s	6.60nm	5.1mb	
Z 22s	1.87um	5.0Msz		1.5s	29.00nm	ISA	99.57	54 P	01 40.00	10.9X
N 12s	0.63um			Z 20s	1.00um		Z 20s	0.94um	5.3Msz	
E 12s	0.31um				eS	KAF	103.55	334 ePd	01 42.00	-4.2X
	eP	56 34.00 30km			e	TUC	106.27	57 PKP	06 20.00	9.2X
	ePcP	57 53.00	PRZ	72.01 316 eP	59 11.00 0.8		Z 19s	0.43um	5.0Msz	
CD2	48.72 316 iPc	56 31.50 0.6		1.5s	110.00nm	RSSD	109.08	44 PKP	06 30.00	14.0X
	Z 20s	1.59um			eS		Z 20s	0.26um	4.8Msz	
N 10s	0.73um	5.0Msz	KSH	72.74 313 eP	59 15.50 0.9	GOL	109.24	49 PKP	06 30.00	13.5X
	pP	56 39.90 28km		1.0s	40.00nm		Z 21s	0.69um	5.2Msz	
YSS	49.12 1 (P)	56 31.40 -2.2		Z 24s	1.35um	ALQ	109.40	54 PKP	06 30.00	13.2X
	e	56 41.60 35km		E 14s	1.50um		Z 20s	0.51um	5.1Msz	
HHC	50.83 331 Pc	56 47.00 0.0			pP	KHC	115.62	325 ePKP	06 29.00	0.9
	1.0s	14.00nm			eScS		Z 18s	0.70um	5.3Msz	
Z 38s	3.83um	5.1MszX	AAA	73.28 317 eP	59 18.00 0.4		N 18s	0.30um		
	pP	56 56.00 30km			iS		E 18s	0.50um		
BTO	51.40 330 P	56 51.00 -0.4			e			e	06 33.00	
	0.8s	20.00nm			iSS			e	07 32.00	
N 18s	1.22um	5.1mb	TIK	74.25 356 eP	59 22.00 -0.5	GEC2	115.68	325 ePKP	06 28.40	0.1
E 16s	1.05um			1.5s	12.00nm		0.6s	0.76nm		
	pP	56 59.50 28km		Z 16s	0.50um			e	06 37.20	
	ePP	58 48.00			e			e	06 44.00	
	eS	04 11.00	SDN	74.40 30 P	59 30.00 6.3X	VBY	116.27	321 ePKP	06 29.50	0.2
LZH	51.80 321 eP	56 55.00 0.4		Z 19s	0.78um	JFWS	118.85	41 PKP	06 40.00	5.7X
	1.5s	43.00nm	FRU	74.76 316 (P)	59 28.00 1.9		Z 20s	0.42um	5.1Msz	
	pP	57 04.50 32km		i	59 35.30 23km	UYO	119.16	52 iPKPc	06 34.50	-0.7
	sP	57 10.00		e	09 08.00	WLF	119.42	328 PKP	06 45.00	9.9X
GTA	56.36 322 eP	57 27.50 -0.5	SBA	76.70 175 ePc	59 39.00 2.6X	CDF	119.54	327 ePKP	06 34.70	-0.9
	1.5s	28.00nm	SVW	79.30 26 eP	59 51.20 0.1	DOU	119.97	329 PKP	06 46.90	10.7X
Z 22s	1.18um	4.9Msz		1.6s	124.81nm	BSF	120.14	326 ePKP	06 36.00	-0.8
N 15s	0.61um				eP	HAU	120.28	327 ePKP	06 36.10	-0.8
	pP	57 37.00 31km	KDC	79.43 30 eP	59 51.62 -0.1		0.6s	4.35nm		
LSA	57.56 308 P	57 40.00 3.0X		0.9s	29.37nm		Z 21s	0.47um	5.1Msz	
	1.2s	12.00nm			eP	SLM	120.70	46 PKP	06 50.00	12.0X
CIT	58.99 340 eP	57 47.00 0.9			eP		Z 14s	0.38um	5.2MszX	
GUN	61.17 304 P	58 01.54 -0.3	NRI	79.97 343 iPc	59 52.00 -1.5	FVM	120.83	46 PKP	06 50.00	11.7X
SMY	61.33 22 P	58 10.00 8.0X			e		Z 19s	0.57um	5.2Msz	
	Z 20s	2.08um			eS	LPG	121.47	324 ePKP	06 39.90	0.3
PKI	61.45 303 P	58 03.36 -0.4			ePS		0.6s	2.45nm		
KKN	61.63 303 P	58 04.62 -0.2	BRVK	80.59 325 iPd	59 58.80 0.8	LPL	121.47	324 ePKP	06 39.90	0.4
DMN	61.72 303 P	58 05.42 0.0		Z 22s	0.49um		0.6s	3.50nm		
ZAK	61.78 333 eP	58 05.00 -0.1		N 22s	0.24um	LOR	122.08	327 ePKP	06 40.70	0.3
	1.4s	103.00nm		E 22s	0.39um		Z 21s	0.47um	5.1Msz	

01d 18h

LBF	122.19	327	ePKP	06	40.90	0.3
SSF	122.40	327	ePKP	06	41.60	0.7
	0.9s		5.10nm			
SMF	122.46	327	ePKP	06	41.70	0.6
AVF	122.64	327	ePKP	06	41.60	0.2
BCAO	122.93	274	iPKPc	06	43.30	0.3
	1.2s		39.00nm			
			ic	06	52.30	
BGF	123.06	327	ePKP	06	42.90	0.7
	0.7s		7.70nm			
FLN	123.36	331	ePKP	06	43.20	0.5
	0.9s		17.05nm			
Z	22s		0.65um		5.2MsZ	
MAF	123.42	327	ePKP	06	43.70	0.7
EEO	123.55	32	ePKP	06	46.00	2.8X
TCF	123.58	327	ePKP	06	43.90	0.6
	1.1s		21.00nm			
GRR	123.80	331	ePKP	06	44.10	0.5
	0.8s		10.90nm			
LSF	123.97	327	ePKP	06	44.30	0.2
LPF	124.13	330	ePKP	06	44.90	0.6
	0.6s		9.40nm			
CAF	124.50	326	ePKP	06	46.00	0.8
RJF	124.57	326	ePKP	06	46.10	0.9
Z	23s		0.60um		5.2MsZ	
MFF	124.63	329	ePKP	06	45.70	0.4
LPO	125.14	326	ePKP	06	47.40	1.1
LFF	125.22	327	ePKP	06	47.30	0.8
RSNY	127.33	32	ePKP	06	50.71	0.1
Z	21s		0.53um		5.2MsZ	
CEH	129.82	43	PKP	07	10.00	14.4X
Z	20s		0.40um		5.1MsZ	
HRV	130.30	32	PKP	07	10.00	13.7X
Z	21s		0.71um		5.3MsZ	
LMN	130.93	24	ePKP	07	09.00	11.6X
CNCB	145.35	124	PKP	07	26.90	1.7
LPB	145.39	124	PKP	07	26.50	1.4
	1.1s		126.58nm			
KIC	146.00	278	PKP	07	26.88	1.1
TIC	146.25	278	PKP	07	27.34	1.2
	0.5s		14.00nm			
LIC	146.29	278	PKP	07	27.60	1.4
	1.0s		44.50nm			
SDV	147.48	77	iPKPc	07	31.00	2.6X
TOV	148.13	75	ePKP	07	32.00	2.8X
PORP	148.36	58	PKP	07	32.10	2.7X
CLLP	148.40	58	PKP	07	32.50	3.1X
BAO	159.91	153	e(PKP)	07	45.00	-0.2
			e	07	46.90	
			e	07	56.10	
			e	08	25.80	

S.D. = 1.1 on 137 of 185 obs.

* NOV 01, 1992 18h 41m 07.17± 2.02s
16.654 N ± 19.2km 99.505 W ± 10.0km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	0.40	302	iPc	41	16.11	-0.2
			iS	41	21.51	
III	1.71	1	iP	41	35.68	0.4
			iS	41	44.20	
TPM	2.35	10	(P)	41	45.50	1.0
			(S)	42	20.00	
PPM	2.54	19	(P)	41	46.67	-0.8
			iS	42	27.00	
IIT	2.62	26	(P)	41	53.30	5.0X
UNM	2.68	7	iP	41	56.20	7.0X
			(S)	42	33.30	
OXX	2.70	81	eP	41	49.73	0.4
			iS	42	30.93	
IISM	3.08	41	iPc	41	53.91	-0.7
MRX	3.43	332	iP	42	06.58	7.0X
			(S)	42	48.62	

S.D. = 0.9 on 6 of 9 obs.

? NOV 01, 1992 20h 22m 46.33± 7.33s
35.995 S ± 55.4km 71.573 W ± 38.5km
DEPTH = 110.0km (geophysicist)
CENTRAL CHILE (136)
MD 4.0 (SAN).

LNV	2.04	4	iPd	23	20.93	0.7
			iS	23	44.13	
CHCH	2.19	20	iP	23	22.60	0.3
			iS	23	48.37	
TACH	2.39	13	iP	23	24.90	-0.1

LCCB	2.51	0	iS	23	51.13	
			iS	23	26.09	-0.4
			iS	23	54.18	
PCH	2.52	21	iPd	23	26.85	0.1
			iS	23	57.11	
RFA	2.82	65	ePd	23	30.60	-0.1
FCH	2.86	22	iPd	23	31.65	0.1
			iS	24	05.42	
PEL	2.94	15	iP+	23	32.42	0.1
			iS	24	05.32	
ROCH	3.05	9	iPd	23	33.80	-0.2
			iS	24	09.00	
JACH	3.40	14	iPd	23	38.17	-0.5
			iS	24	15.57	

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

NOV 01, 1992 20h 58m 02.23± 0.83s
1.808 N ± 3.8km 127.317 E ± 6.3km
DEPTH = 94.1 ± 7.8 km
5.4mb (31 obs.)
HALMAHERA, INDONESIA (267)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 23S, 30C
Centroid Location:
Origin Time 20:58: 1.5 1.0
Lat 1.78N 0.07 Lon 127.39E 0.07
Dep 116.0 3.2 Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr=-1.30 0.44 Mtt=3.84 0.47
Mff=-2.54 0.77 Mrt=-6.93 0.36
Mrf=0.76 0.45 Mtf=5.07 0.61
Principal Axes:
T Val= 9.85 Plg=29 Azm=160
N -1.34 39 277
P -8.51 37 45
Best Double Couple: Mo=9.2*10**16
NP1: Strike=196 Dip=40 Slip=-173
NP2: 100 85 -51

MNI	2.50	262	ePc	58	42.20	0.3
			eS	59	08.50	
AAI	5.53	171	eP	59	25.50	1.8
BIP	6.46	351	ePc	59	36.00	-0.5
			eS	00	38.00	
CGP	7.10	339	ePd	59	43.00	-2.3
			eS	00	59.50	
PLP	9.58	346	ePd	00	18.20	-1.0
MKS	10.50	228	iPc	00	32.50	1.0
KKM	11.85	291	ePd	00	51.90	2.4
KUPT	12.44	197	eP	01	03.00	5.7X
OCP	14.16	335	eP	01	27.50	7.8X
MTN	15.04	166	eP	01	30.00	-1.1
BAG	15.95	336	eP	01	44.00	1.2
CVP	16.69	341	eP	01	55.00	3.2X
TRT	17.43	237	ePc	01	44.50	-16.4X
KNA	17.50	175	eP	01	53.90	-7.9X
WRA	22.69	163	P	02	56.50	-0.2
	0.7s		61.60nm		5.1mb	
WB2	22.69	163	iPd	02	56.40	-0.3
	0.4s		202.80nm		5.8mb	
			eS	06	58.30	
KLI	23.40	253	eP	03	06.00	2.4
OIS	25.28	152	eP	03	05.20	-16.3X
			e	03	22.60	
ASPA	26.12	166	iPd	03	27.70	-1.6
	0.3s		62.70nm		5.6mb	
Z	22s		0.40um		3.9MsZ	
			eS	07	50.30	
IPM	26.39	277	ePd	03	31.50	-0.4
NANU	26.81	205	eP	03	35.30	-0.3
	0.3s		8.00nm		4.7mb	
CTA	28.61	140	iPc	03	56.00	4.1X
	1.5s		34.72nm		4.8mb	
MEEK	29.50	196	eP	03	58.30	-1.5
SSE	29.70	349	Pd	04	02.00	0.5
	1.0s		9.00nm		4.4mb	
E	12s		0.50um			
			S	08	58.00	
NST	30.13	299	eP	04	24.00	18.6X
KHT	31.15	296	eP	04	13.00	-1.4
CHG	32.53	303	eP	04	26.00	-0.5
MRWA	32.70	199	eP	04	26.50	-1.3
	0.3s		8.00nm		5.0mb	
COOL	33.04	190	eP	04	29.00	-1.7
KMI	33.15	316	Pc	04	32.50	0.4
	1.6s		40.00nm		5.0mb	

BAL	33.78	197	eP	04	36.00	-1.2
KLB	34.43	195	eP	04	41.50	-1.2
	0.3s		20.00nm		5.5mb	
MUN	35.21	196	eP	04	48.50	-0.9
CHJJ	35.75	16	P	04	52.20	-1.6
MTMJ	35.94	14	P	04	54.70	-0.9
MAT	36.00	15	iPd	04	54.70	-1.3
	1.7s		226.92nm		5.8mb	
STK	36.14	159	eP	04	57.00	-0.2
	0.5s		24.30nm		5.4mb	
8RS	37.99	142	iPc	05	13.00	0.1
YAMJ	38.03	16	P	05	13.60	0.6
OFUJ	39.34	18	P	05	24.70	0.8
8JI	39.38	346	eP	05	24.50	0.3
	1.3s		181.00nm		5.8mb	
LZH	40.45	330	Pd	05	34.50	1.3
	1.5s		108.00nm		5.5mb	
Z	30s		0.65um		4.3MsZ	
E	15s		0.46um			
BWA	41.13	153	eP	05	41.20	2.5
CAN	42.14	153	eP	05	48.30	1.3
GUN	47.33	307	P	06	28.40	-0.7
PKI	47.56	307	P	06	30.60	-0.3
KKN	47.76	307	P	06	32.20	0.0
DMN	47.82	306	P	06	33.00	0.2
GKN	48.37	307	P	06	37.10	0.3
HYB	50.33	291	eP	06	50.60	-1.2
G8A	50.69	286	P	06	54.00	-0.5
CIT	51.32	349	eP	07	00.80	1.9
ZAK	52.52	341	iPd	07	08.00	0.2
	1.5s		22.00nm		5.0mb	
IRK	53.84	343	ePd	07	17.00	-0.5
	1.7s		40.00nm		5.2mb	
NDI	54.67	304	eP	07	23.00	-1.0
POO	54.94	291	eP	07	26.00	-0.1
BOD	56.84	352	iP	07	38.80	-0.3
	1.3s		59.00nm		5.5mb	
PRZ	59.54	320	eP	07	59.50	1.2
	1.6s		190.00nm		6.0mb	
YAK	60.09	1	eP	08	00.10	-1.3
	1.0s		141.00nm		6.0mb	
UKR	60.66	331	iPd	08	05.00	-0.6
	1.3s		86.00nm		5.7mb	
			eS	16	15.00	
MGD	60.89	13	eP	08	07.00	0.0
	1.0s		70.00nm		5.7mb	
ELT	61.45	333	iPd	08	10.00	-0.8
			eS	16	25.00	
FRU	62.17	319	eP	08	16.80	0.8
	2.8s		180.00nm		5.6mb	
QUE	63.67	303	eP	08	26.60	0.3
TIK	69.73	1	iPd	09	02.00	-1.4
	1.5s		36.00nm		5.0mb	
			e	09	26.00	
			e	18	37.00	
NRI	72.34	346	iPd	09	17.80	-1.5
	1.4s		44.00nm		5.1mb	
			e	09	29.00	
ASH	72.37	309	eP	09	19.00	-1.1
SVE	75.89	329	ePd	09	40.00	0.0
ARU	76.83	328	eP	09	45.00	-0.2
TAB	81.79	308	eP	10	14.00	1.5
GRS	81.89	309	iPd	10	13.00	0.0
	1.5s		40.00nm		5.0mb	
MAW	82.17	200	P	10	15.50	1.9
TTA	82.34	27	eP	10	16.70	1.9
	1.1s		55.50nm		5.4mb	
GRO	82.67	313	iPc	10	18.00	1.3
	2.0s		120.00nm		5.5mb	
BRW	83.80	18	eP	10	23.94	2.0

CNCB 158.82 136 PKP 17 56.00 4.4X
LPB 158.92 135 ePKP 17 54.00 2.4X
S.D. = 1.1 on 78 of 89 obs.

& NOV 01, 1992 21h 13m 59.12s
64.725 N 147.452 W
DEPTH = 10.8km

CENTRAL ALASKA (1)
<AEIC>. ML 3.2 (AEIC), 3.7
(PMR). Felt (IV) at Fairbanks
and North Pole.

CCB	0.17	243	iPc	14	02.76	-0.3
FBA	0.23	320	iPd	14	03.60	-0.5
GLM	0.26	6	iPd	14	04.56	-0.2
WRH	0.37	227	iPc	14	06.46	-0.4
HDA	0.39	146	iPd	14	06.62	-0.5
MDM	0.41	306	iPd	14	07.04	-0.4
NEA	0.72	259	iPc	14	12.43	-0.7
DJE	1.04	131	ePd	14	18.60	-0.1
			eS	14	31.80	
PRP	1.14	45	eP	14	20.05	-0.4
			eS	14	35.16	
DDM	1.17	143	eP	14	20.77	-0.2
MCK	1.19	214	iPc	14	21.30	0.1
			eS	14	36.95	
MLY	1.44	284	iPc	14	24.26	-0.9
			eS	14	44.71	
RND	1.46	206	ePc	14	25.39	-0.1
			eS	14	44.52	
THY	1.51	150	eP	14	27.42	1.2
TRF	1.79	226	ePc	14	29.68	-0.6
			eS	14	55.27	
DOT	1.84	125	P	14	29.50	-1.4
			S	14	57.40	
KTH	1.92	234	eP	14	33.93	1.8
			eS	14	59.66	
PAX	1.97	153	ePd	14	32.68	-0.2
HUR	2.00	210	eP	14	33.52	0.2
FYU	2.07	25	ePd	14	36.15	2.0
			eS	15	02.72	
SDG	2.37	158	eP	14	38.29	-0.2
TMW	2.41	124	eP	14	38.48	-0.7
TOA	2.69	167	P	14	45.20	2.0
TOA	2.69	167	eP	14	41.41	-1.8
TZL	2.84	160	eP	14	45.33	0.1
SCM	2.90	179	P	14	47.20	1.0
IMA	2.93	300	eP	14	45.19	-1.5
SML	2.96	188	eP	14	48.44	1.6
GHO	3.04	193	eP	14	47.01	-1.1
			eS	15	28.32	
PLRM	3.24	194	eP	14	50.74	-0.1
PMR	3.24	194	eP	14	56.30	5.5
PWA	3.28	201	P	14	51.50	0.1
SKT	3.31	216	ePc	14	51.35	-0.6
			eS	15	31.15	
KLU	3.32	167	eP	14	52.11	0.0
KNK	3.36	188	eP	14	54.32	1.7
SUA	3.60	206	eP	14	56.30	0.2
PMS	3.62	196	P	14	58.00	1.6
VLZ	3.64	171	eP	14	58.82	2.2
GLB	3.69	152	eP	14	59.51	2.2
CRP	4.08	214	eP	15	01.30	-1.6
CKN	4.12	214	eP	15	02.81	-0.6
			Lg	16	10.01	
SPU	4.13	213	eP	15	02.59	-0.9
BGL	4.14	215	eP	15	03.44	-0.3
CKL	4.18	214	eP	15	03.75	-0.6
TTA	4.20	248	eP	15	08.90	4.4
BKG	4.28	213	eP	15	05.12	-0.6
BALM	4.38	145	eP	15	08.67	1.5
SLKM	4.42	198	eP	15	09.59	1.9
SVW	5.20	230	ePn	15	17.62	-1.2
			Lg	16	42.70	

49 obs. associated

% NOV 01, 1992 21h 30m 23.29 ± 2.86s
18.183 N ± 12.3km 67.106 W ± 19.5km
DEPTH = 10.0km (geophysicist)

MONA PASSAGE (89)

MGP	0.18	175	P	30	27.10	-0.1
LRS	0.27	66	P	30	29.20	0.2
			S	30	34.00	
APR	0.45	53	P	30	32.10	-0.3
			S	30	39.80	
PORP	0.46	106	P	30	32.00	-0.7

CLLP	0.51	101	P	30	33.20	-0.5
			S	30	43.20	
CPD	1.14	97	P	30	47.00	2.3
LPR	1.18	84	P	30	44.50	-0.9

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

NOV 02, 1992 00h 05m 27.97 ± 0.48s
44.448 N ± 4.6km 10.869 E ± 5.2km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.6 (LDG).

MME	0.28	206	P	05	35.00	1.0
			eSg	05	41.10	
BDI	0.43	207	P	05	37.20	0.4
			eSg	05	44.30	
PII	0.77	199	P	05	42.40	-0.5
			eSg	05	53.40	
SFI	0.88	126	P	05	45.80	0.9
BOB	1.06	288	P	05	52.40	4.3X
CRE	1.13	136	P	05	49.00	-0.2
			eSg	06	04.70	
SAL	1.19	348	P	05	53.00	3.0
			eSg	06	10.50	
CTI	1.69	19	P	06	17.40	19.6X
			eSg	06	24.40	
ARV	1.77	122	P	05	58.00	-0.9
ASS	1.89	136	P	06	00.00	-0.7
ORO	2.36	301	P	06	13.00	5.5X
FVI	2.53	31	P	06	13.50	3.8X
			eSn	06	46.50	
LPG	3.11	291	Pn	06	18.20	0.0
LPL	3.12	291	Pn	06	19.20	0.8
KBA	3.15	32	iPnd	06	26.90	8.2X
	0.4s				4.30nm	
			i	06	54.80	
			i	07	10.60	
FRF	3.17	255	Pn	06	19.40	0.5
			Sn	06	59.10	
LMR	3.34	252	Pn	06	21.60	0.3
			Sn	07	01.60	
BSF	4.41	322	Pn	06	36.30	-0.3
			Sn	07	26.80	
CDF	4.68	329	Pn	06	39.40	-1.0
			Sn	07	31.70	
HAU	4.74	320	Pn	06	40.50	-0.7
			Sn	07	32.70	
LBF	5.45	300	Pn	06	50.60	-0.7
			Sn	07	52.20	
LOR	5.65	302	Pn	06	53.50	-0.5
AVF	5.77	297	Pn	06	55.10	-0.5
SSF	5.78	299	Pn	06	54.90	-0.9

S.D. = 1.0 on 19 of 24 obs.

? NOV 02, 1992 00h 07m 00.55 ± 1.80s
18.218 N ± 10.2km 76.562 E ± 31.7km
DEPTH = 33.0km (normol)
3.9mb (1 obs.)

SOUTHERN INDIA (314)

GBA	4.66	169	P	08	09.00	-1.5
			S	08	55.00	
NDI	10.43	3	eP	09	31.00	0.0
	0.5s				24.65nm	
DMN	12.21	39	P	09	55.60	0.2
GKN	12.24	36	P	09	55.80	0.1
PKI	12.37	40	P	09	57.10	-0.4
KKN	12.45	39	P	09	58.20	-0.3
GUN	12.90	40	P	10	03.90	-0.7
WRA	68.20	121	P	18	03.00	2.7
	0.6s				0.70nm	
					3.9mb	

S.D. = 1.4 on 8 of 8 obs.

* NOV 02, 1992 00h 54m 20.46 ± 0.77s
6.749 N ± 10.5km 72.920 W ± 13.3km
DEPTH = 181.6 ± 9.7 km
4.5mb (1 obs.)

NORTHERN COLOMBIA (99)

BOG	2.40	208	iP	55	03.00	0.1
			iS	55	33.00	
SDV	3.10	47	iPnc	55	11.50	0.3
			iSn	55	49.30	
TOV	4.32	46	iPnd	55	26.70	0.3
			iSn	56	19.00	
CEOS	5.08	63	iPd	55	35.50	-0.8
			eS	56	20.00	

PSO	7.06	219	eP	56	02.50	-0.1
LPB	23.62	168	P	59	14.80	-2.0
CNCB	23.91	168	P	59	21.70	1.9
LMN	39.58	9	ePc	01	40.00	4.6X
ULM	47.42	340	eP	02	43.00	4.7X
SES	53.86	331	ePd	03	27.00	0.1
YKA	63.40	340	eP	04	32.00	-0.4
	0.6s				4.70nm	
KIC	67.68	86	(P)	05	01.10	0.5
WB2	150.46	241	ePKP	13	53.60	6.5X
	0.3s				7.50nm	
WRA	150.47	241	PKP	13	54.00	6.9X
	0.4s				1.30nm	

S.D. = 1.2 on 10 of 14 obs.

NOV 02, 1992 01h 25m 43.75 ± 0.39s
36.134 N ± 4.8km 27.713 E ± 4.8km
DEPTH = 33.0km (normol)
DODECANESE ISLANDS (369)
ML 4.2 (ATH). MD 3.9 (ISK).

CIN	1.49	11	iPg	26	09.00	0.5
			iSg	26	25.00	
ELL	1.87	70	iPn	26	19.00	4.8X
			eSg	28	41.00	
NPS	1.92	244	iPnc	26	15.50	0.8
IZM	2.29	351	ePn	26	15.50	-4.5X
			eSg	26	38.50	
KHL	2.62	33	ePn	26	27.00	2.3
BCK	2.66	59	iPn	26	29.70	4.4X
PRK	3.31	340	iPnc	26	33.00	-1.4
ALT	3.48	32	ePn	26	39.00	2.0
ATH	3.69	301	ePn	26	39.50	-0.3
EZN	3.85	344	ePn	26	40.00	-2.0
VLI	3.90	280	ePn	26	42.50	-0.3
KCT	4.14	7	ePn	26	45.00	-1.2
KOT	7.09	150	ePn	27	27.30	-0.5
HRI	7.20	111	eP	27	29.90	0.4
SHMJ	7.47	115	P	27	33.00	-0.2
JVI	7.60	121	eP	27	34.80	-0.2
SALJ	7.79	120	P	27	37.20	-0.5
KFNJ	7.87	121	P	27	38.50	-0.2
MKRJ	8.02	122	P	27	40.40	-0.6
PRNI	8.40	131	eP	27	45.30	-0.8
HOL	9.22	136	iPd	27	57.30	-0.1
			eS	29	35.30	
AYN	10.07	134	ePd	28	08.90	-0.2
			eS	29	59.00	
TIC	41.93	233	P	33	33.80	0.7
KIC	41.96	233	P	33	34.00	0.7
LIC	42.25	233	P	33	36.50	0.8

S.D. = 1.1 on 22 of 25 obs.

* NOV 02, 1992 01h 41m 10.12 ± 0.69s
2.119 N ± 9.2km 95.675 E ± 9.5km
DEPTH = 33.0km (normol)
4.7mb (7 obs.)
OFF W COAST OF NORTHERN SUMATERA(705)

IPM	5.87	65	ePc	42	37.90	0.7
			eS	43	42.30	
SNG	7.03	44	eP	42	53.80	0.3
NST	14.17	18	eP	44	41.90	11.3X
CHG	16.90	11	eP	45	04.10	-1.8
GBA	21.34	303	P	45	58.60	1.8
			S	49	30.60	
HYB	22.67	313	eP	46	18.20	8.1X
KMI	23.86	16	eP	46	23.50	1.7
	1.5s				40.00nm	
PKI	27.15	340	P	46	52.40	-0.4
DMN	27.29	339	P	46	54.40	0.4
GUN	27.30	341	P	46	53.60	-0.7

02d 01h

S.D. = 1.0 on 15 of 18 obs.

? NOV 02, 1992 01h 58m 42.59± 1.99s
34.131 S ± 18.6km 71.092 W ± 7.1km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.3 (SAN).

LNV	0.32	303	iP+	58	50.83	0.3
			iS	59	00.80	
CHCH	0.41	62	iPd	58	52.10	0.1
			iS	59	03.07	
TACH	0.49	15	iP	58	53.60	0.5
			iS	59	05.55	
PCH	0.70	44	iPd	58	56.14	0.0
			iS	59	10.47	
LCCH	0.77	329	iP	58	56.35	-0.6
			iS	59	10.90	
PEL	1.04	19	iP+	59	00.90	-0.1
			iS	59	18.98	
FCH	1.04	40	iP+	59	00.74	-0.5
			iS	59	19.33	
ROCH	1.16	3	iP	59	03.02	0.3
			iS	59	20.78	
JACH	1.50	16	iP	59	07.57	-0.1
			iS	59	28.94	

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

NOV 02, 1992 04h 52m 52.99± 0.66s
37.228 N ± 4.2km 71.990 E ± 3.2km
DEPTH = 127.5 ± 7.1 km
4.8mb (63 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG. (717)

KSH	3.84	53	P	53	56.00	4.4X
			S	54	35.00	
FRU	5.95	19	iPnd-	54	22.00	2.0
AAA	7.13	31	ePn	54	35.50	-0.5
PRZ	7.20	41	ePn	54	38.50	1.4
TLG	7.31	33	ePn	54	38.00	-0.5
QUE	8.18	212	eP	54	52.00	1.6
			eS	56	23.00	
NDI	9.58	151	iPc	55	09.00	0.0
MAIO	10.07	268	iPc	55	23.70	8.1X
	0.8s	64.42nm				5.4mb
			eS	57	03.00	
ASH	10.85	278	P	55	24.00	-1.8
			S	57	19.00	
KAT	12.52	284	iP+	55	46.00	-1.7
WMO	13.63	56	P	56	02.00	-0.2
GKN	14.07	127	P	56	06.54	-1.3
KKN	14.62	126	P	56	13.22	-1.8
DMN	14.64	127	P	56	13.70	-1.5
PKI	14.86	127	P	56	16.32	-1.8
	0.6s	513.00nm				6.0mb X
GUN	14.93	124	P	56	17.34	-1.7
	0.4s	579.00nm				6.2mb X
BRVK	15.87	356	iPc	56	29.00	-1.3
	1.4s	135.00nm				5.0mb
			eS	59	15.00	
SHE	18.48	288	eP	57	02.00	0.4
	0.4s	50.00nm				5.2mb
POO	18.70	174	iPd	57	06.20	2.0
ELT	18.85	27	eP	57	03.50	-2.0
	0.9s	46.00nm				4.8mb
			eS	00	26.00	
GRS	20.23	284	eP	57	23.00	3.0
	1.2s	70.00nm				4.9mb
			eS	00	54.00	
HYB	20.57	162	eP	57	24.70	1.3
	1.0s	110.00nm				5.2mb
			eS	01	07.00	
SVE	21.01	342	ePc	57	27.80	0.3
	1.9s	100.00nm				4.9mb
Z	12s	0.50um				4.1mszX
N	12s	0.50um				
E	12s	0.20um				
			ePPP	58	12.70	
			eS	01	11.00	
ARU	21.18	339	eP	57	30.00	0.7
	2.0s	250.00nm				5.3mb
			ePPP	58	03.00	
			eS	01	17.00	
UER	21.21	40	iPd	57	30.00	0.5
	1.9s	100.00nm				4.9mb
			eS	01	12.50	

MTA	21.42	290	eP	57	35.00	3.3X
ERE	21.62	286	iP	57	38.00	4.1X
			i	58	23.00	
			i	01	32.00	
GTA	21.91	76	P	57	38.50	1.7
	1.2s	110.00nm				5.1mb
			sP	58	25.50	
PYA	22.91	296	ePc	57	48.00	1.7
KIV	23.16	296	eP	57	52.10	3.2X
MOY	25.03	45	eP	58	07.90	1.5
	1.0s	57.00nm				5.0mb
LZH	25.52	83	eP	58	13.00	1.7
	1.5s	40.00nm				4.7mb
Z	10s	0.32um				4.1mszX
ZAK	25.92	50	iPc	58	15.80	1.2
	1.1s	40.00nm				4.9mb
CD2	26.98	94	eP	58	26.50	2.0
BTO	29.63	72	eP	58	49.00	0.7
CHG	29.88	120	eP	58	53.30	2.7
OBN	29.89	318	(P)	58	50.00	-0.3
			i	59	34.80	
			i	59	52.00	
			(S)	03	34.00	
XAN	30.06	85	P	58	52.20	0.1
	0.5s	8.00nm				4.7mb
HHC	30.77	71	Pc	58	58.40	0.1
	1.6s	37.00nm				4.9mb
GYA	31.19	100	iPc	59	03.20	1.0
	0.8s	16.00nm				4.8mb
			S	03	59.40	
TIY	31.93	77	Pc	59	08.50	0.1
CIT	32.60	50	eP	59	14.00	-0.1
NST	32.89	123	eP	59	22.80	6.0X
NRI	33.40	10	iPc+	59	20.50	-0.2
	1.2s	114.00nm				5.5mb
			e	02	01.00	
			e	04	31.00	
ELL	33.42	282	eP	59	22.50	1.1
BOD	34.38	39	iPc	59	28.40	-0.9
	1.3s	47.00nm				5.1mb
VR1	34.56	299	eP	59	22.00	-9.0X
NNT	34.90	127	eP	59	34.60	0.5
MLR	35.13	298	ePc	59	38.00	2.0
CMF	35.78	298	ePc	59	44.00	2.7
TIA	35.93	78	eP	59	43.00	0.3
	1.0s	13.00nm				4.7mb
KAF	37.45	326	iP	59	55.20	0.1
	0.3s	2.40nm				4.5mb
NUR	37.71	323	iP	59	57.40	0.2
	0.3s	19.50nm				5.4mb
SPC	38.84	305	eP	00	08.80	1.7
OJC	39.10	306	eP	00	09.90	0.8
SDF	39.52	334	iP	00	12.20	-0.1
SRO	40.21	303	eP	00	25.20	7.1X
			i	01	10.50	
CN2	40.57	63	eP	00	21.30	0.2
	1.0s	4.90nm				4.2mb
SSE	40.80	84	P	00	03.00	-20.1X
ZST	40.98	303	eP	00	12.60	-11.9X
			i	01	15.70	
			i	02	08.40	
UPP	40.99	321	iP	00	24.50	0.1
VRAC	41.22	305	eP	00	28.00	1.6
	2.0s	96.70nm				5.2mb
			e	01	17.70	
KTK1	41.27	336	eP	00	26.37	-0.2
PRU	42.50	306	eP	00	37.50	0.7
			e	01	29.70	
BRG	42.80	308	iP	00	40.00	0.7
	1.0s	20.00nm				4.8mb
			e	01	12.50	
HFS	42.99	321	eP	00	40.00	-0.7
	0.4s	12.60nm				5.0mb
GEC2	43.16	305	ePc	00	42.90	0.5
	0.4s	0.79nm				3.7mb X
			e	00	48.10	
KHC	43.21	305	P	00	43.50	0.8
	1.1s	5.90nm				4.2mb
			e	01	33.80	
CLL	43.36	308	iP	00	48.30	4.5X
	1.5s	25.00nm				4.7mb
			e	01	34.00	
MDJ	43.36	61	eP	00	43.60	-0.3
	1.5s	32.00nm				4.8mb
KBA	43.65	302	iPc	00	44.30	-2.1
	1.1s	8.60nm				4.4mb
NB2	44.28	323	P	00	50.30	-0.9

MOX	0.5s	3.70nm				4.4mb
	44.30	308	eP	00	52.20	0.8
	1.6s	19.00nm				4.6mb
GRF	44.67	306	iPc	00	55.90	1.5
	1.2s	26.00nm				4.8mb
TIK	44.80	22	iPc	00	54.80	-0.3
	1.4s	44.00nm				5.0mb
			e	02	44.00	
			eS	07	20.00	
CDF	47.44	305	eP	01	16.10	-0.2
BSF	47.88	304	eP	01	19.40	-0.3
WLF	47.92	307	P	01	21.00	1.2
HAU	48.13	305	eP	01	21.40	-0.2
LPG	48.44	301	eP	01	24.50	0.1
	0.4s	3.85nm				4.5mb
LPL	48.45	301	eP	01	24.30	-0.1
DOU	48.82	308	Pc	01	28.20	1.4
FRF	49.02	299	eP	01	28.30	-0.2
	0.6s	13.70nm				4.9mb
LMR	49.18	299	eP	01	29.80	0.1
	0.4s	1.95nm				4.3mb
LRG	49.25	299	eP	01	30.00	-0.2
	0.5s	6.65nm				4.7mb
LBF	49.93	304	eP	01	34.90	-0.5
	0.5s	3.50nm				4.5mb
LOR	49.94	304	eP	01	34.60	-0.9
	0.6s	3.95nm				4.5mb
SMF	50.11	304	eP	01	36.30	-0.5
	0.7s	11.25nm				4.8mb
SSF	50.23	304	eP	01	37.10	-0.5
AVF						

JAO 85.14 341 eP 05 16.50 0.9
 SES 92.71 2 eP 05 51.00 -0.5
 S.D. = 1.1 on 112 of 123 obs.

* NOV 02, 1992 04h 58m 06.85± 1.11s
 33.256 S ±10.6km 70.133 W ±17.5km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

FCH	0.15	241	iP+	58	22.68	-0.2
			iS	58	34.55	
PEL	0.48	283	iPd	58	23.89	0.1
			iS	58	36.59	
PCH	0.48	221	iP+	58	24.04	0.1
			iS	58	37.89	
SAN	0.48	246	iP+	58	23.94	0.1
			iS	58	36.99	
JACH	0.69	326	iPd	58	25.50	0.0
			iS	58	40.35	
TACH	0.78	239	iP+	58	26.12	-0.1
			iS	58	41.47	
ROCH	0.79	291	iP+	58	26.47	0.0
			iS	58	41.63	
CHCH	0.80	213	iP+	58	26.65	0.2
			iS	58	42.10	
LCCCH	1.22	259	iPd	58	30.96	0.2
			iS	58	49.45	
LNV	1.27	236	iPd	58	30.91	-0.4
			iS	58	49.74	

S.D. = 0.2 on 10 of 10 obs.

? NOV 02, 1992 06h 42m 47.37± 4.91s
 43.398 N ±33.0km 19.692 E ±17.5km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.2 (TTG).

PLE	0.23	253	iPg	42	52.18	-0.1
			iSg	42	55.76	
IVA	0.55	164	iPg	42	58.03	-0.4
			iSg	43	06.43	
NKY	0.77	221	iPg	43	01.99	-0.6
			iSg	43	13.14	
PVY	0.83	165	iPg	43	03.16	-0.3
			iSg	43	15.38	
BRY	0.98	240	iPg	43	05.57	-0.4
			iSg	43	19.29	
TTG	1.02	198	iPg	43	06.72	0.1
			iSg	43	21.49	
BDV	1.28	210	iPg	43	11.42	0.3
			iSg	43	29.84	
ULC	1.47	193	ePg	43	14.99	1.1
			iSg	43	36.31	
VAY	2.98	133	eP	43	43.50	8.0X

S.D. = 0.6 on 8 of 9 obs.

* NOV 02, 1992 06h 42m 50.96± 0.78s
 32.465 S ±11.9km 70.024 W ± 8.1km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

JACH	0.53	246	iP+	43	08.82	0.5
			iS	43	22.30	
PEL	0.88	219	iP	43	11.50	0.3
			iS	43	26.14	
FCH	0.89	195	iP+	43	12.22	0.5
			iS	43	27.76	
ROCH	0.97	238	iPd	43	12.40	0.0
			iS	43	28.41	
MDZ	1.07	113	iP	43	15.00	1.7
			iS	43	32.20	
SAN	1.12	208	iP+	43	13.91	0.1
			iS	43	30.88	
PCH	1.22	200	iP	43	15.28	0.3
			iS	43	33.74	
TACH	1.41	213	iP+	43	16.83	-0.3
			iS	43	36.45	
CHCH	1.56	200	iPd	43	19.13	0.2
			iS	43	40.46	
LCCCH	1.64	232	iP+	43	19.54	-0.4
			iS	43	41.19	
CFA	1.74	61	ePc	43	21.80	0.6
LNV	1.89	218	iP	43	21.85	-1.1
			iS	43	45.33	
RFA	2.64	151	ePc	43	32.30	-0.7

TCA 4.75 78 i(P) 43 59.80 -1.9
 S.D. = 0.9 on 14 of 14 obs.

* NOV 02, 1992 06h 54m 10.34± 1.31s
 42.740 N ±10.7km 104.389 W ±15.3km
 DEPTH = 5.0km (geophysicist)
 WYOMING (460)
 ML 3.0 (GS). Felt (V) at Lusk
 and (II) at Manville.

RSSD	1.40	10	eP	54	36.58	-0.2
			eS	54	55.13	
GOL	3.13	194	ePn	55	02.17	0.7
			eS	55	41.42	
BW06	3.80	272	ePn	55	12.19	1.0
DAU	5.65	248	ePn	55	37.44	0.1
EMUT	5.66	241	(P)	55	36.91	-0.4
SRU	5.89	234	eP	55	39.39	-1.2
BGMT	6.06	297	ePn	55	49.70	6.7X
LCCM	6.20	303	ePn	55	51.10	6.1X
HVU	6.30	264	(P)	55	59.92	13.6X
MCMT	6.47	292	ePn	55	50.50	1.7X
SES	8.92	331	P	56	24.00	1.2X

0.7s 1.40nm 4.4mb X
 S.D. = 1.1 on 6 of 11 obs.

* NOV 02, 1992 10h 35m 16.91± 2.22s
 28.379 N ±13.7km 140.918 E ±17.7km
 DEPTH = 209.9 ± 19.3 km
 4.2mb (6 obs.)

BONIN ISLANDS REGION (212)

MAT	8.45	345	(P)	37	17.00	0.1
	1.0s	13.00nm			4.1mb	
			eS	38	23.00	
CHG	39.46	265	eP	42	36.00	7.6X
GUN	48.16	283	P	43	38.50	0.2
CTA	48.46	173	eP	43	40.00	-0.1
PKI	48.65	283	P	43	42.86	0.8
KKN	48.71	283	P	43	42.20	-0.1
DMN	48.90	283	P	43	43.44	-0.4
GKN	49.21	284	P	43	45.64	-0.4
GBA	60.46	270	P	45	12.20	5.2X
KAF	75.83	334	eP	46	39.90	-1.2
	0.3s	4.80nm			4.7mb	
NUR	77.41	333	iP	46	49.20	-0.6
	0.3s	4.60nm			4.7mb	
HFS	81.80	336	eP	47	13.10	-0.1
	0.5s	1.80nm			4.1mb	
N82	82.01	338	P	47	14.90	0.6
	0.5s	2.30nm			4.2mb	
GEC2	89.83	328	eP	47	54.30	1.3
	0.5s	0.59nm			3.8mb	

S.D. = 0.8 on 12 of 14 obs.

* NOV 02, 1992 11h 03m 02.73± 0.66s
 40.246 N ± 6.5km 29.622 E ± 5.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

YLV	0.37	329	iPg	03	10.40	0.0
GPA	0.53	85	iPg	03	13.30	-0.1
			eSg	03	21.30	
ISK	0.92	333	ePn	03	20.00	-0.4
KCT	0.97	271	iPn	03	21.60	0.4
BNT	1.31	275	ePn	03	26.60	-0.3
EDC	1.35	275	ePn	03	27.00	-0.5
KHL	1.92	182	ePn	03	36.00	0.1
DMK	2.11	319	ePn	03	39.40	0.8

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

* NOV 02, 1992 11h 09m 13.15s
 32.069 N 116.443 W
 DEPTH = 6.0km (geophysicist)
 CALIF.-BAJA CALIF. BORDER REGION(45)
 <PAS-P>. ML 2.8 (PAS).

PLM	1.33	345	ePn	09	36.47	-1.7
			S	09	54.39	
GLA	1.68	54	ePn	09	41.74	-1.5
			S	10	01.20	
PEC	1.92	342	ePn	09	45.92	-0.7
			S	10	11.31	
SSK	2.38	334	ePn	09	53.16	-0.3
			S	10	25.89	
GSC	3.24	355	(Pn)	10	08.75	3.2

S 10 54.22
 5 obs. associated

* NOV 02, 1992 11h 10m 18.15s
 59.824 N 152.153 W
 DEPTH = 79.0km
 SOUTHERN ALASKA (2)
 <AEIC>.

HOM	0.31	123	eP	10	29.92	-0.6
			eS	10	39.34	
INE	0.52	298	eP	10	31.40	-0.9
			eS	10	41.69	
INW	0.55	297	eP	10	31.82	-0.8
			eS	10	42.72	
CNPM	0.55	122	iP	10	31.73	-0.8
			eS	10	42.09	
OPT	0.57	253	eP	10	32.06	-0.6
BRK	0.64	95	eP	10	32.62	-0.8
			eS	10	43.61	
RED	0.67	333	eP	10	32.96	-0.8
			eS	10	44.43	
RS1	0.71	335	eP	10	33.59	-0.6
			eS	10	45.55	
RSO	0.71	335	eP	10	33.85	-0.4
			eS	10	45.36	
RS2	0.71	335	eP	10	33.61	-0.7
			eS	10	45.27	
REF	0.72	338	eP	10	33.75	-0.6
			eS	10	45.58	
RDW	0.74	334	eP	10	33.90	-0.7
			eS	10	45.63	
RDN	0.76	336	eP	10	34.00	-0.7
			S	10	46.09	
RDT	0.76	351	eP	10	33.87	-0.8
AUE	0.78	234	eP	10	34.17	-0.6
AUL	0.79	236	eP	10	34.59	-0.3
AUP	0.79	235	eP	10	34.55	-0.5
			eS	10	47.41	
AUH	0.80	235	eP	10	34.68	-0.5
AUW	0.81	236	eP	10	34.70	-0.4
AUI	0.81	233	eP	10	34.58	-0.6
			eS	10	47.55	
DFR	0.82	341	eP	10	34.67	-0.7
			eS	10	47.20	
NCT	0.84	333	eP	10	34.95	-0.6
			eS	10	47.85	
PDB	1.03	269	iP	10	36.68	-1.1
			eS	10	50.99	
CDD	1.18	221	eP	10	38.76	-0.9
			eS	10	54.87	
SLKM	1.18	54	eP	10	38.46	-1.3
SYI	1.22	186	eP	10	39.59	-0.6
BKG	1.25	358	eP	10	40.25	-0.4
			eS	10	57.48	
MCNL	1.28	241	eP	10	39.59	-1.4
SPU	1.36	2	eP	10	41.61	-0.5
			eS	10	59.57	
CKL	1.38	356	eP	10	41.98	-0.4
			eS	11	00.46	
CKT	1.38	359	P	10	42.37	0.0
SEW	1.39					

02d 11h

TOA 3.71 49 eP 11 13.28 -1.0
GLB 4.42 65 eP 11 21.46 -2.8
CROM 4.58 74 eP 11 24.49 -2.2
58 obs. associated

* NOV 02, 1992 11h 10m 45.37s
59.644 N 152.263 W
DEPTH = 70.0km
SOUTHERN ALASKA (2)
<AEIC>.

HOM 0.32 87 eP 10 56.06 -0.7
eS 11 05.03
XLV 0.33 124 eP 10 55.80 -1.2
OPT 0.49 271 eP 10 57.36 -1.0
eS 11 07.86
CNPM 0.54 102 eP 10 57.91 -0.8
eS 11 07.96
INE 0.58 316 eP 10 58.08 -1.3
eS 11 08.10
INW 0.61 314 eP 10 58.69 -0.9
AUL 0.65 247 eP 10 59.62 -0.3
AUP 0.65 245 eP 10 59.45 -0.6
eS 11 10.99
AUH 0.66 245 eP 10 59.87 -0.3
AUI 0.67 243 eP 10 59.43 -0.7
eS 11 10.14
AUW 0.67 246 eP 10 59.55 -0.6
BRK 0.71 80 iP 10 59.83 -0.8
eS 11 11.24
RED 0.82 342 eP 11 01.06 -0.9
eS 11 13.46
RS1 0.86 343 eP 11 01.78 -0.8
RSO 0.86 344 iP 11 01.77 -0.8
eS 11 15.07
RS2 0.86 343 iP 11 01.81 -0.8
iS 11 15.47
REF 0.88 346 iP 11 02.01 -0.8
eS 11 15.01
RDW 0.89 342 iP 11 02.05 -0.8
eS 11 15.32
RDN 0.91 344 eP 11 02.39 -0.7
DFR 0.97 348 eP 11 02.85 -1.1
NCT 0.98 340 iP 11 03.07 -0.9
eS 11 17.72
PDB 0.99 279 eP 11 02.63 -1.3
eS 11 16.40
CDD 1.01 225 eP 11 03.81 -0.4
SYI 1.04 184 eP 11 03.82 -0.8
MCNL 1.16 247 eP 11 04.74 -1.4
SLKM 1.34 49 eP 11 09.04 0.4
BKG 1.43 0 eP 11 09.24 -0.7
SPU 1.55 4 eP 11 10.76 -0.7
CKL 1.56 359 eP 11 11.37 -0.3
BGL 1.63 358 eP 11 12.09 -0.5
CP2 1.63 0 eP 11 12.49 -0.2
CRP 1.63 2 eP 11 12.63 0.0
CGLM 1.67 4 eP 11 12.99 -0.2
SVW 2.22 313 P 11 19.20 -1.5
MTU 2.35 80 eP 11 19.47 -3.1
SKT 2.37 8 eP 11 20.69 -2.1
KNK 2.59 45 eP 11 23.08 -2.7
GHO 2.69 36 eP 11 25.49 -1.8
38 obs. associated

* NOV 02, 1992 12h 15m 16.49s
61.822 N 150.574 W
DEPTH = 58.2km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.8 (AEIC).

SUA 0.37 193 iPc 15 27.23 0.0
eS 15 36.03
PWA 0.37 117 P 15 27.10 0.0
SKT 0.48 290 iPd 15 27.43 -0.8
iS 15 36.50
PLRM 0.73 108 ePd 15 30.34 -0.7
PMS 0.76 140 P 15 30.70 -0.8
GHO 0.79 93 ePc 15 31.39 -0.5
eS 15 43.34
CGLM 0.86 234 iPc 15 32.12 -0.7
CRP 0.94 234 iPc 15 33.32 -0.7
eS 15 47.29
SPU 0.96 229 iPc 15 33.44 -0.7
eS 15 47.16
CP2 0.98 236 ePc 15 33.75 -0.7
CKN 0.98 233 iPc 15 33.93 -0.4

CKT 1.00 232 ePc 15 33.76 -0.9
BGL 1.03 238 ePc 15 34.47 -0.7
CKL 1.05 234 iPc 15 34.61 -0.8
SML 1.06 90 ePc 15 34.63 -0.9
KNK 1.09 111 ePd 15 35.27 -0.6
eS 15 50.52
BKG 1.11 228 iPc 15 35.31 -0.8
eS 15 50.85
NKA 1.13 197 eP 15 37.35 1.0
PTE 1.22 141 ePd 15 36.52 -1.0
HUR 1.24 20 ePc 15 36.86 -1.0
SLKM 1.33 172 eP 15 37.97 -1.2
MPA 1.46 156 eP 15 39.71 -1.2
eS 15 58.14
SCM 1.54 88 ePd 15 41.16 -1.0
eS 16 00.86
DFR 1.60 221 ePc 15 42.05 -0.9
TRF 1.64 5 iPc 15 42.10 -1.5
RDN 1.69 220 eP 15 43.42 -0.8
REF 1.69 219 iPc 15 43.48 -0.8
eS 16 05.18
NCT 1.70 223 ePc 15 43.60 -0.8
RSO 1.73 219 iPc 15 44.01 -0.8
RDW 1.73 220 iPc 15 44.05 -0.8
RS2 1.73 219 iPc 15 44.03 -0.8
RS1 1.73 219 iPc 15 44.08 -0.8
eS 16 06.35
KTH 1.75 355 ePc 15 43.66 -1.3
RED 1.77 218 eP 15 44.39 -0.9
RND 1.78 26 ePc 15 44.15 -1.3
SEW 1.81 162 eP 15 45.32 -0.4
eS 16 05.80
GLI 1.93 118 ePd 15 45.22 -2.2
KNIM 2.02 136 eP 15 45.81 -2.9
MCK 2.06 21 eP 15 48.23 -1.1
TOA 2.10 80 P 15 49.40 -0.5
INE 2.14 216 eP 15 49.64 -1.0
VLZ 2.15 107 eP 15 48.32 -2.2
eS 16 14.53
INW 2.16 216 eP 15 49.82 -1.0
LTI 2.23 142 eP 15 48.79 -2.8
KLU 2.24 96 eP 15 50.11 -1.9
FID 2.25 117 eP 15 49.21 -2.8
CNPM 2.33 188 eP 15 52.83 -0.2
HIN 2.44 124 eP 15 52.26 -2.4
SDG 2.46 71 eP 15 53.96 -1.0
SVW 2.53 256 P 15 54.00 -1.9
PAX 2.64 62 eP 15 56.23 -1.3
PDB 2.70 223 eP 15 56.35 -2.0
NEA 2.85 13 eP 15 57.97 -2.5
WRH 2.89 22 eP 15 58.65 -2.4
HDA 3.07 31 eP 16 01.66 -2.0
CCB 3.10 23 eP 16 01.54 -2.5
DJE 3.15 43 eP 16 04.12 -0.6
GLB 3.25 94 eP 16 04.04 -2.2
FBA 3.33 21 P 16 05.00 -2.3
SYI 3.35 197 P 16 05.90 -1.6
HMT 3.41 113 eP 16 06.49 -1.9
GLM 3.49 23 eP 16 07.15 -2.3
CROM 3.74 103 eP 16 11.94 -1.3
WAX 3.99 107 eP 16 14.67 -1.9
BALM 4.03 98 eP 16 14.96 -2.2
65 obs. associated

* NOV 02, 1992 12h 59m 30.71 ± 2.57s
31.484 S ± 19.4km 68.678 W ± 15.2km
DEPTH = 104.6 ± 25.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.10 268 iPd 59 45.30 -0.5
S 59 56.20
CFA 0.39 108 ePc 59 46.90 0.3
S 59 59.00
RTCV 0.39 162 iPd 59 46.70 0.1
S 59 57.50
RTBS 0.68 255 iPd 59 48.80 0.2
S 00 00.50
RTPR 2.20 58 ePd 00 06.70 0.1
S 00 33.50
MRA 2.69 111 ePc 00 12.90 -0.2
S.D. = 0.5 on 6 of 6 obs.

* NOV 02, 1992 14h 32m 32.62 ± 1.57s
44.713 N ± 6.1km 6.783 E ± 14.6km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 1.7 (GEN).

RRL 0.21 0 P 32 37.35 0.1
S 32 40.55
PZZ 0.31 132 P 32 39.36 0.3
S 32 43.84
BHB 0.37 69 P 32 40.18 0.0
S 32 45.17
RSP 0.55 37 P 32 43.84 -0.1
S 32 51.03
STV 0.61 140 P 32 45.13 0.2
S 32 53.32
ENR 0.67 137 P 32 45.49 -0.5
S.D. = 0.3 on 6 of 6 obs.

* NOV 02, 1992 15h 03m 23.00 ± 0.67s
5.474 N ± 6.8km 125.692 E ± 22.1km
DEPTH = 192.9 ± 8.6 km
4.8mb (5 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 2.79 11 eP 04 09.50 -0.7
eS 04 45.00
CGP 3.12 342 iPd 04 13.50 -0.7
eS 04 46.50
MNI 4.09 192 ePd 04 26.00 -0.3
PLP 5.70 353 ePc 04 49.00 2.0
WB2 26.66 162 iPc 08 45.10 -0.8
0.3s 8.70nm 4.9mb
NANU 29.58 199 eP 09 11.70 -0.3
ASPA 30.05 165 eP 09 15.50 -0.7
0.4s 8.10nm 4.8mb
WARB 31.48 178 eP 09 29.00 0.3
MRWA 35.73 195 eP 10 04.80 -0.2
0.4s 12.00nm 4.9mb
BAL 36.89 193 eP 10 14.30 -0.4
KLB 37.63 191 eP 10 21.00 0.1
0.3s 6.00nm 4.7mb
MUN 38.32 193 iPc 10 27.00 0.3
STK 40.12 159 eP 10 42.60 1.2
0.7s 4.50nm 4.1mb
RKG 40.66 191 eP 10 47.50 1.6
KAF 89.58 332 iP 15 58.20 -1.3
KIC 129.15 283 (PKP) 22 10.60 -0.1
LIC 129.45 283 (PKP) 22 11.20 -0.1
S.D. = 1.0 on 17 of 17 obs.

NOV 02, 1992 15h 13m 25.81 ± 0.19s
46.727 N ± 1.9km 8.328 E ± 2.0km
DEPTH = 0.0km (geophysicist)
4.2mb (1 obs.)
SWITZERLAND (544)
ML 4.0 (GRF), 3.8 (LDG), 3.5
(STR), 3.4 (ROM), MD 3.7 (VIE),
3.4 (LJU). Six people killed by
the accidental explosion of on
ammunitions covern.

LLS 0.48 73 iPc 13 34.60 -0.8
MMK 0.72 201 iPc 13 40.50 0.3
TMA 0.73 149 iPc 13 39.80 -0.5
ZLA 0.76 3 iPc 13 41.50 0.6
VDL 0.82 107 iPc 13 40.70 -1.5
DIX 0.91 225 iPc 13 44.30 0.4
VAI 0.91 160 P 13 43.40 -0.6
eSg 13 55.50
BBS 0.93 323 Pg 13 45.80 1.5
SLE 1.05 6 iPc 13 46.70 0.2
ORX 1.12 193 P 13 47.80 0.0
S 14 09.46
ORO 1.13 193 P 13 47.00 -1.0
eSg 13 59.50
EMS 1.17 236 ePc 13 49.40 0.7
LOMF 1.20 302 Pg 13 50.95 1.8
Sg 14 07.85
CHAF 1.21 334 Pg 13 50.96 1.7
OSS 1.25 91 iPc 13 48.40 -1.7
MDI 1.35 134 P 13 50.80 -0.8
eSg 14 10.60
MOF 1.39 325 Pn 13 52.93 0.5
LIBD 1.51 341 Pn 13 54.96 0.8
LSD 1.51 213 P 13 55.11 0.7
S 14 18.42
BSF 1.52 317 Pn 13 54.93 0.5
LPL 1.64 223 Pn 13 56.90 0.6
Pg 13 59.50
Sg 14 22.80
LPG 1.65 222 Pn 13 57.20 0.8
Sg 14 23.00

[illegible]

GRR	82.02	335	eP	09 35.90	2.6
AVF	82.06	332	eP	09 33.60	0.1
	0.7s	6.85nm		4.5mb	
LPF	82.40	335	eP	09 37.10	1.9
	0.7s	12.80nm		4.8mb	
MAF	82.82	332	eP	09 38.10	0.7
	0.6s	11.10nm		4.8mb	
LSF	83.15	333	eP	09 39.50	0.4
	0.7s	9.50nm		4.6mb	
MFF	83.38	334	eP	09 40.80	0.5
CAF	84.12	332	eP	09 44.90	0.8
	1.0s	9.40nm		4.5mb	
LPO	84.64	332	eP	09 47.80	1.2
SIO	85.63	43	eP	09 52.10	0.4
TUL	85.76	42	eP	09 52.60	0.3
	0.5s	11.00nm		4.9mb	
VVO	86.24	43	eP	09 55.20	0.5
				09 58.10	
EPF	86.38	332	eP	09 56.40	1.1
	0.6s	4.50nm		4.5mb	
MIAR	87.93	42	eP	10 02.97	0.2
	0.9s	11.34nm		4.7mb	
LMN	88.01	17	eP	10 06.00	3.0X
BCAO	109.03	296	iPKPd	15 44.30	2.2X
	1.0s	5.00nm			
KIC	120.88	318	(PKP)	16 03.40	-1.2
NVL	143.10	206	ePKP	16 41.00	-3.7X
	1.0s	35.00nm			
LPB	143.76	50	ePKP	16 49.00	1.1
CNCB	144.05	50	PKP	16 48.00	-0.6
PDCR	148.83	359	ePKP	16 56.00	0.3
				16 59.30	
BAO	151.07	16	e(PKP)	17 01.00	1.8
				17 05.00	
				17 14.10	

S.D. = 1.0 on 102 of 124 obs.

& NOV 02, 1992 18h 04m 05.26s
58.913 N 154.162 W
DEPTH = 107.7km
ALASKA PENINSULA (12)
<AEC>.

CDD	0.27	86	eP	04 20.12	0.8
MCNL	0.29	342	iPd	04 20.16	0.8
			eS	04 31.46	
AUI	0.57	42	iPd	04 21.72	-0.8
			iS	04 34.35	
AUW	0.58	38	iPd	04 22.01	-0.6
AUH	0.58	39	ePd	04 22.04	-0.8
AUP	0.59	40	ePd	04 22.04	-0.8
AUL	0.60	38	iPd	04 22.11	-0.7
AUE	0.60	42	iPd	04 22.18	-0.6
PDB	0.88	359	iPd	04 23.96	-1.3
OPT	0.88	32	iPd	04 24.53	-0.9
SYI	0.97	107	ePc	04 25.02	-1.2
			eS	04 40.68	
INW	1.27	24	iPd	04 28.32	-1.4
INE	1.28	26	iPd	04 28.53	-1.3
KDC	1.46	142	P	04 30.60	-1.2
HOM	1.49	59	ePd	04 31.11	-1.1
CNPM	1.63	67	ePd	04 32.17	-1.7
RED	1.67	24	iPd	04 32.97	-1.5
			eS	04 54.21	
RS1	1.71	24	iPd	04 33.68	-1.4
RS2	1.71	24	iPd	04 33.73	-1.4
RSO	1.71	24	iPd	04 33.66	-1.5
RDW	1.72	23	ePd	04 33.75	-1.5
REF	1.75	24	iPd	04 34.02	-1.6
			eS	04 56.30	
RDN	1.76	23	ePd	04 34.27	-1.4
NCT	1.77	20	iPd	04 34.24	-1.5
			eS	04 57.56	
DFR	1.84	23	iPd	04 35.12	-1.6
BRLK	1.88	62	eP	04 35.18	-2.0
			eS	04 57.53	
SVW	2.32	342	P	04 41.40	-1.5
NKA	2.36	38	eP	04 42.77	-0.5
BKG	2.37	23	iPd	04 41.52	-2.0
CKL	2.47	21	iPd	04 43.11	-1.8
CKT	2.50	22	eP	04 44.04	-1.2
SPU	2.51	24	iPd	04 43.26	-2.1
BGL	2.52	20	iPd	04 44.05	-1.5
CKN	2.52	22	ePd	04 43.79	-1.8
CP2	2.55	21	ePd	04 44.45	-1.6
SLKM	2.56	50	ePc	04 43.45	-2.6
			eS	05 13.28	

CRP	2.57	22	ePd	04 44.45	-1.8
CGLM	2.63	23	iPd	04 45.07	-2.0
SEW	2.68	62	eP	04 44.83	-2.8
MPA	2.90	55	ePd	04 48.00	-2.6
SUA	3.08	32	ePd	04 50.63	-2.4
			eS	05 26.84	
PTE	3.25	51	ePd	04 52.28	-2.9
PMS	3.28	43	P	04 53.20	-2.6
LTJ	3.41	68	eP	04 54.84	-2.6
PWA	3.48	36	P	04 56.00	-2.4
KNIM	3.57	63	eP	04 55.97	-3.7
PLRM	3.68	41	ePc	04 57.50	-3.6
PMR	3.68	41	ePc	04 58.00	-3.1
KNK	3.80	46	ePd	04 59.17	-3.6
GHO	3.87	40	ePd	05 00.12	-3.8
MID	4.06	79	P	05 03.50	-2.8
GLI	4.07	58	eP	05 02.13	-4.4
TTA	4.13	348	P	05 05.50	-1.9
FID	4.29	61	ePd	05 05.08	-4.4
VZW	4.39	57	eP	05 07.05	-3.8
SCM	4.48	46	ePd	05 08.58	-3.6
VLZ	4.51	57	eP	05 09.09	-3.4
CVA	4.56	65	eP	05 09.15	-4.0
SGAM	4.81	67	eP	05 12.38	-4.2
KLU	4.86	54	ePd	05 13.58	-3.8
SDN	4.97	227	P	05 17.20	-1.6
RAGM	5.03	69	eP	05 16.05	-3.7
TOA	5.08	48	P	05 17.20	-3.2
RND	5.19	27	eP	05 18.18	-3.7
HMT	5.22	70	ePd	05 18.98	-3.4
WAX	5.93	70	ePd	05 28.46	-3.7
BALM	6.30	65	eP	05 33.75	-3.5
MLY	6.35	13	eP	05 35.56	-2.3
YAH	6.46	72	ePd	05 36.55	-3.0
HDA	6.49	29	eP	05 35.52	-4.2
CCB	6.49	25	ePd	05 34.46	-5.3
CTGM	6.77	67	eP	05 40.55	-3.1

72 obs. associated

& NOV 02, 1992 19h 30m 16.78s
36.008 N 118.376 W
DEPTH = 6.0km (geophysicist)
CENTRAL CALIFORNIA (39)
<PAS-P>. ML 2.8 (PAS).

ISA	0.35	193	eP	30 23.34	-0.6
			eS	30 27.70	
PKEM	1.41	273	(P)	30 42.83	-0.1
GSC	1.46	118	eP	30 43.13	-0.7
PHAM	1.65	265	(P)	30 45.26	-1.2
MEMM	1.72	345	eP	30 48.46	1.2
BONR	1.94	2	(P)	30 52.26	1.3
PEC	2.34	154	(P)	30 54.86	-1.5
CMB	2.58	322	eP	31 01.39	1.5

8 obs. associated

& NOV 02, 1992 19h 43m 54.47s
34.306 N 116.442 W
DEPTH = 5.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC	0.73	235	ePnd	44 07.67	-1.3
PLM	1.01	200	eP	44 12.91	-1.3
GSC	1.04	343	ePnc	44 13.51	-1.0
SSK	1.04	265	ePn	44 13.38	-1.3
ISA	2.15	310	ePn	44 33.45	2.0

5 obs. associated

NOV 02, 1992 19h 57m 29.45±0.37s
32.951 S ± 9.7km 69.874 W ± 7.0km
DEPTH = 120.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 3.6 (SAN).

FCH	0.51	223	iPd	57 48.60	0.5
			iS	58 02.79	
JACH	0.66	294	iP+	57 48.23	-0.7
			iS	58 02.11	
PEL	0.71	254	iP+	57 49.09	-0.1
			iS	58 02.99	
SAN	0.83	233	iPd	57 50.45	0.3
			iS	58 06.02	
PCH	0.86	219	iPd	57 51.18	0.7
			iS	58 07.32	
ROCH	0.96	268	iP+	57 51.02	-0.6
			iS	58 06.69	

TACH	1.13	232	iPd	57 53.32	0.2
			iS	58 10.95	
CHCH	1.18	213	iPd	57 54.35	0.7
			iS	58 13.98	
LCCH	1.51	249	iP+	57 56.98	-0.4
			iS	58 17.09	
RTCV	1.57	46	iPd	57 58.60	0.5
			S	58 18.70	
LNK	1.63	232	iPd	57 58.14	-0.6
			iS	58 20.27	
RTCB	1.72	32	ePc	58 00.80	0.8
			(S)	58 24.30	
CFA	1.93	46	ePc	58 03.00	0.5
MRA	3.55	82	e(P)	58 23.10	-0.7
TCA	4.76	72	i(P)c	58 39.30	-1.0

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

NOV 02, 1992 20h 36m 22.19±0.48s
30.096 S ± 6.8km 176.479 W ± 9.6km
DEPTH = 10.0km (geophysicist)
5.1mb (15 obs.) 5.4Msz (11 obs.)
KERMADEC ISLANDS REGION (177)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 24S, 41C
Centroid Location:
Origin Time 20:36:29.7 0.5
Lat 29.93S 0.07 Lon 176.18W 0.05
Dep 15.0 FIX Half-duration 1.1
Moment Tensor: Scale 10**17 Nm
Mrr= 0.88 0.04 Mtt= 0.12 0.06
Mff=-1.00 0.05 Mrt= 0.31 0.12
Mrf= 0.46 0.17 Mtf=-0.49 0.04
Principal Axes:
T Val= 1.04 Plg=73 Azm=326
N 0.28 9 204
P -1.32 14 112
Best Double Couple: Mo=1.2*10**17
NP1: Strike=189 Dip=32 Slip= 72
NP2: 29 60 101

RAO	1.51	304	ePd	36 48.00	-1.2
URZ	9.72	211	eP	38 44.20	-0.8
			eS	40 34.90	
MNG	12.37	210	eP	39 18.50	-2.7
			eS	41 33.00	
SVA	12.79	338	eP	39 21.30	-5.5X
QRZ	13.95	217	eP	39 44.20	2.2
THZ	14.46	214	eP	39 48.50	-0.3
			eS	42 23.60	
KHZ	14.68	210	eP	39 49.10	-2.5
			eS	42 27.30	
LTZ	15.55	212	eP	40 02.40	-0.6
DZM	17.28	294	iPc	40 27.90	2.6X
RAR	17.45	63	P	40 28.00	0.8
			S	44 20.00	
LMZ	17.70	216	eP	40 32.40	2.1
ODZ	18.04	211	eP	40 34.30	-0.2
BRS	27.05	268	iPd	42 08.00	1.3
			Z 18s 80.00um	6.3Msz	
			i	42 20.00	
			eS	46 54.00	
ARMA	27.51	261	eP	42 12.80	1.9
	0.6s	16.00nm		4.9mb	
BWA	29.90	252	e(P)	42 33.10	0.7
RMO	30.75	268	eP	42 40.70	0.8
	0.6s	16.00nm		5.1mb	
TOO	32.29	246	eP	42 55.50	2.1
CMS	32.31	258	iPc	42 55.00	1.5
	0.8s	12.00nm		4.9mb	
CTA	35.05	278	iPd	43 17.60	0.2
			Z 19s 30.56um	6.1Msz	
			e	43 30.00	
			e	48 54.00	
			e	52 14.00	
STK	35.83	256	eP	43 25.00	1.1
	0.9s	5.70nm		4.4mb	
			eS	48 30.20	
ASPA	44.44	266	eP	44 35.00	-0.3
	0.7s	8.70nm		4.7mb	
			Z 19s 8.90um	5.7Msz	
			eS	50 47.20	
WB2	45.39	271	iPc	44 41.00	-1.9
	0.8s	23.30nm		5.2mb	
WRA	45.40	271	P	44 41.50	-1.5
	0.8s	4.90nm		4.5mb	
CSY	56.03	208	eP	46 10.20	7.2X

02d 20h

CGP	0.7s	22.50nm	5.3mb	
MAW	68.23 294 eP	47 23.00	-2.4	
	73.05 200 e(P)	47 59.00	5.2X	
	1.1s	24.00nm	5.2mb	
KAKJ	77.51 325 IPd	48 18.40	-1.1	
CHJJ	77.97 324 P	48 20.70	-1.4	
MAT	78.75 324 eP	48 23.00	-3.4X	
	1.4s	37.21nm	5.2mb	
		eS	58 22.00	
NIIJ	78.90 325 eP	48 30.40	3.2X	
MTMJ	78.99 324 P	48 26.90	-1.0	
OFUJ	79.09 328 eP	48 26.80	-1.4	
NVL	79.25 183 eP	48 32.00	3.4X	
	1.6s	39.00nm	5.2mb	
	Z 19s	1.50um	5.3Msz	
	N 19s	1.00um		
	E 18s	1.00um		
		e	50 26.00	
SSE	84.91 310 Pd	49 04.00	5.4X	
	Z 20s	0.60um	5.0Msz	
		sP	49 14.00	
		S	59 20.00	
YSS	85.12 333 ePc	49 02.00	2.7X	
	Z 19s	0.70um	5.1Msz	
	N 19s	0.60um		
	E 19s	0.50um		
		e	49 12.90	
		eS	59 33.00	
IPM	85.80 278 ePd	49 03.10	-0.4	
NJ2	87.05 310 eP	49 10.00	0.8	
MDJ	89.13 325 eP	49 19.20	0.3	
	Z 20s	1.23um	5.3Msz	
WHN	89.22 306 eP	49 19.00	-0.6	
		pP	49 28.00	28kmX
DL2	89.63 317 eP	49 27.00	5.7X	
	Z 15s	0.35um	4.9MszX	
		SKS	59 52.00	
SNY	90.40 320 Pc	49 25.00	0.1	
	1.2s	22.00nm	5.3mb	
	Z 22s	5.10um	5.9Msz	
CN2	90.70 322 Pc	49 26.80	0.6	
	1.2s	21.00nm	5.3mb	
	Z 20s	0.85um	5.2Msz	
TIA	90.73 312 eP	49 26.70	0.1	
	1.0s	32.00nm	5.6mb	
	Z 32s	0.85um	5.0MszX	
		sS	00 30.00	
GYA	92.55 299 P	49 36.40	1.1	
	1.2s	14.00nm	5.2mb	
	Z 28s	0.85um	5.0MszX	
		PP	53 22.00	
		sS	00 48.00	
BJI	93.64 315 eP	49 40.00	0.2	
	Z 24s	0.32um	4.7MszX	
TIY	94.65 311 eP	49 45.00	0.4	
	Z 21s	1.01um	5.3Msz	
	N 20s	1.04um		
XAN	94.98 307 P	49 47.50	1.3	
LPB	96.95 114 P	50 00.00	3.9X	
		SKS	00 46.00	
		LR	22 00.00	
HHC	96.98 313 eP	49 56.40	1.2	
	Z 15s	1.18um	5.5MszX	
BTO	97.82 313 eP	50 04.00	5.0X	
		eSKS	00 28.00	
GTA	104.00 307 ePdiff	50 26.00	-0.9	
	Z 24s	0.90um	5.2MszX	
BRVK	127.17 316 iPKP	55 28.00	0.0	
	1.4s	14.00nm		
	Z 24s	0.54um	5.1MszX	
MAIO	133.30 293 ePKP	55 44.00	3.7X	
GRS	143.90 297 ePKP	55 57.00	-2.6X	
	1.0s	20.00nm		
TAB	143.92 294 iPKP	55 59.00	-0.7	
GRO	144.08 303 ePKP	55 57.00	-2.6X	
KAF	144.69 342 ePKP	55 57.70	-2.3X	
	1.0s	13.30nm		
MOS	144.82 327 ePKP	56 04.00	3.6X	
MTA	144.92 301 iPKP	56 00.80	-0.2	
PUL	145.27 336 (PKP)	56 00.00	-1.0	
ERE	145.28 298 iPKP	56 02.50	0.6	
OBN	145.65 326 iPKP	56 01.40	-0.5	
	1.1s	47.00nm		
	Z 20s	0.40um	5.2Msz	
	N 20s	0.60um		
	E 20s	0.10um		
		i	56 06.00	

PYA	145.86 305 iPKP	56 03.00	0.4
KIV	146.13 305 ePKP	56 03.40	0.2
NUR	146.47 341 ePKP	56 04.10	1.1
	0.6s	20.40nm	
SOC	148.32 305 ePKP	56 18.00	11.5X
HFS	149.19 350 ePKP	56 10.40	3.0X
	0.6s	2.10nm	
	Z 20s	208.00um	7.9MszX
		LR	51 20.00
MNK	150.52 331 ePKP	56 14.00	4.5X
BCAO	150.80 212 iPKPd	56 19.00	7.7X
	1.0s	13.00nm	
BHL	152.55 286 PKP	56 14.00	0.6
KAS	153.12 303 ePKP	56 27.00	13.1X
KIC	155.14 160 (PKP)	56 38.00	20.7X
BRG	157.82 342 e(PKP)	56 25.20	5.5X
	1.6s	17.00nm	
		e	57 06.60
		S.D. = 1.2	on 49 of 73 obs.
* NOV 02, 1992 21h 19m 49.60 ± 1.16s			
14.942 S ± 11.5km 128.725 E ± 10.5km			
DEPTH = 10.0km (geophysicist)			
WESTERN AUSTRALIA (590)			
MTN	3.13 49 iPc	20 40.20	0.3
	0.4s	267.00nm	
		i	20 47.90
		eS	21 26.00
WB2	7.32 134 eP	21 38.40	-0.8
	0.1s	8.70nm	5.9mb X
		eS	22 55.90
ASPA	9.96 151 eP	22 17.20	1.4
	0.3s	14.20nm	5.9mb X
		iS	24 03.40
WARB	11.35 190 eP	22 35.00	0.1
QIS	11.77 120 eP	22 40.00	-0.7
		eS	24 42.50
NANU	14.61 237 eP	23 18.00	-0.3
		eS	25 44.00
		S.D. = 1.0	on 6 of 6 obs.
NOV 02, 1992 22h 20m 49.45 ± 0.66s			
41.125 N ± 6.3km 23.246 E ± 4.2km			
DEPTH = 10.0km (geophysicist)			
GREECE-BULGARIA BORDER REGION (363)			
ML 2.5 (THE), 1.8 (SKO).			
SRS	0.26 92 ePg	20 54.02	-1.0
		eSg	20 57.58
KNT	0.27 278 ePg	20 54.50	-0.6
		eSg	20 58.70
SOH	0.31 165 ePgc	20 56.06	0.1
		eSg	21 00.14
THE	0.54 203 ePg	21 00.30	0.0
		eSg	21 07.78
VAY	0.55 291 iPg	21 00.50	0.0
		iSg	21 07.50
GRG	0.66 255 ePg	21 02.34	-0.3
		eSg	21 11.70
LIT	1.17 210 ePb	21 11.10	-0.3
		eSb	21 27.78
PAIG	1.24 164 ePb	21 12.42	-0.1
		eSb	21 29.06
FNA	1.46 257 iPb	21 16.86	1.0
		iSb	21 36.18
SKO	1.60 303 eP	21 23.00	5.2X
ALN	2.13 95 ePn	21 26.62	1.1
		eSn	21 55.42
		S.D. = 0.7	on 10 of 11 obs.
NOV 03, 1992 00h 12m 43.22 ± 0.59s			
65.008 N ± 5.5km 20.236 E ± 7.4km			
DEPTH = 0.0km (geophysicist)			
SWEDEN (536)			
MD 3.9 (BER). Felt in the			
Kusfors area.			
UME	1.20 180 iPg	13 06.50	0.1
		i	13 08.00
		iSg	13 20.40
MYV	3.32 234 iPn	13 39.20	1.7
		iPg	13 44.00
		iSn	14 17.00
		iSg	14 26.20
KAF	3.98 134 eP	13 46.10	-0.7

LOF	4.12 323 eP	14 33.30	-0.1
		eS	13 48.68
		eS	14 37.10
KTK1	4.19 15 eP	13 50.45	0.7
		eS	14 39.80
NUR	4.95 154 eP	14 01.20	0.6
		eS	14 57.30
ARA0	4.98 22 Pn	14 00.66	-0.4
		Sn	14 57.71
		Lg	15 20.97
HFS	5.75 215 eP	14 11.10	-0.8
	0.1s	0.40nm	4.1mb
NRA0	5.85 227 Pn	14 13.28	0.1
		Sn	15 18.49
		Lg	15 47.94
MOL	6.13 252 eP	14 16.00	-1.2
		eS	15 20.87
		S.D. = 1.0	on 10 of 10 obs.
NOV 03, 1992 00h 19m 31.87 ± 0.54s			
39.291 N ± 6.8km 17.324 E ± 4.9km			
DEPTH = 10.0km (geophysicist)			
SOUTHERN ITALY (390)			
TDS	0.85 296 P	19 48.80	0.6
		eSg	19 58.90
SOI	1.57 220 Pd	19 59.90	0.1
		eSg	20 19.10
BRT	1.59 357 P	20 00.80	0.7
		eSn	20 21.40
ATN	1.84 233 P	20 03.50	-0.3
VLO	2.04 54 ePn	20 13.40	6.7X
SRN	2.15 73 ePn	20 15.80	7.6X
TPE	2.30 63 ePn	20 10.50	0.1
IGT	2.34 83 eP	20 15.36	4.3X
TIR	2.83 43 ePn	20 19.00	1.1
LACI	2.97 37 ePn	20 29.50	9.7X
PHP	3.37 44 ePn	20 25.60	0.0
FNA	3.45 63 eP	20 41.12	14.3X
AGG	3.90 92 eP	20 33.44	0.3
HVAR	3.94 351 iP	20 32.00	-1.6
LIT	4.07 77 eP	20 35.24	-0.2
SKO	4.12 48 eP	21 04.00	27.8X
KNT	4.66 65 eP	20 43.12	-0.8
SOH	4.87 70 eP	20 47.16	0.2
		S.D. = 0.8	on 12 of 18 obs.
NOV 03, 1992 00h 49m 20.86 ± 1.25s			
56.426 N ± 10.9km 149.419 W ± 3.0km			
DEPTH = 10.0km (geophysicist)			
GULF OF ALASKA (15)			
ML 3.1 (AEIC).			
KDC	2.14 310 (P)	49 56.89	-0.1
SYI	2.71 325 eP	50 05.57	0.3
		eS	50 37.38
CNPM	3.26 343 eP	50 12.73	-0.2
		eS	50 50.11
BRK	3.44 348 eP	50 15.92	0.4
		S	50 53.14
AUL	3.66 326 eP	50 20.22	1.6
SEW	3.69 360 eP	50 19.13	0.0
MTU	3.69 14 eP	50 19.36	0.2
LTI	3.72 12 eP	50 19.29	-0.2
		eS	50 59.93
MCNL	3.82 318 eP	50 21.11	0.2
KNIM	4.03 12 eP	50 23.51	-0.4
MPA	4.08 0 eP	50 24.40	-0.1
		eS	51 07.55
SLKM	4.12 354 eP	50 24.73	-0.4
PDB	4.22 325 eP	50 26.09	-0.5
RED	4.37 338 eP	50 29.27	0.4
RS1	4.41 338 eP	50 29.39	-0.1
RSO	4.41 338 eP	50 29.4	

KNK 5.03 5 eP 50 37.98 -0.1
 CRP 5.06 345 (P) 50 39.23 0.6
 CGLM 5.08 346 eP 50 38.89 0.0
 BGL 5.09 344 eP 50 38.38 -0.7
 WAX 5.31 38 eP 50 41.75 -0.4
 KLU 5.39 18 eP 50 43.29 -0.1
 CROM 5.44 34 eP 50 44.30 0.1
 TGL 5.54 36 iP 50 45.52 0.1
 YAH 5.64 42 eP 50 46.91 -0.1
 SKT 5.68 350 eP 50 48.50 1.2
 GLB 5.81 28 eP 50 49.27 0.2
 BALM 5.91 36 iP 50 50.40 -0.2
 TOA 5.93 15 P 50 52.40 1.5
 PCA 6.07 49 eP 50 52.91 0.0
 CTGM 6.20 39 eP 50 54.83 0.1
 PNL 6.23 54 eP 50 55.39 0.3
 BCPM 6.26 52 eP 50 55.79 0.2
 HQN 6.38 57 eP 50 56.62 -0.5
 SDG 6.43 16 eP 50 56.06 -1.8X
 HUR 6.57 359 eP 50 56.08 -3.8X

S.D. = 0.5 on 46 of 49 obs.

% NOV 03, 1992 00h 56m 20.14 ± 0.96s
 33.280 S ± 7.0km 71.448 W ± 9.1km
 DEPTH = 40.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.4 (SAN).

LCCH 0.22 208 iPd 56 27.82 0.2
 ROCH 0.48 50 iP+ 56 33.69 0.0
 TACH 0.57 131 iP+ 56 31.76 0.0
 PEL 0.65 78 iP+ 56 33.42 0.4
 LNV 0.67 177 iP 56 33.00 -0.2
 SAN 0.68 105 iP+ 56 33.67 0.3
 PCH 0.85 114 iPd 56 35.77 -0.1
 CHCH 0.93 135 iP 56 36.99 0.1
 JACH 0.93 51 iP+ 56 36.79 -0.3
 FCH 0.97 93 iPd 56 37.55 -0.2

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

? NOV 03, 1992 01h 07m 53.36 ± 0.97s
 26.284 N ± 30.6km 40.500 E ± 10.2km
 DEPTH = 10.0km (geophysicist)
 WESTERN ARABIAN PENINSULA (555)
 MD 3.7 (RYD).

QASM 2.73 93 eP 08 37.60 -0.5
 WJH 3.54 269 eP 08 49.60 0.1
 MJMA 4.33 95 eP 09 02.00 1.2
 AYN 4.75 304 eP 09 05.30 -1.4
 HOL 5.67 303 eP 09 21.00 1.3
 RYD 5.74 104 eP 09 20.00 -0.7

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

? NOV 03, 1992 01h 37m 37.12 ± 2.93s
 16.836 N ± 44.7km 96.392 W ± 21.2km
 DEPTH = 10.0km (geophysicist)
 OAXACA, MEXICO (60)

OXX 0.40 308 iPd 37 44.70 -0.7
 IISM 2.34 337 iP 38 16.00 -0.2
 IIT 2.84 320 iP 38 24.00 0.4
 PPM 3.07 317 iP 38 27.60 0.5
 III 3.31 298 (P) 38 35.50 5.3X
 ACX 3.32 271 (P) 38 44.96 14.8X
 TPM 3.32 310 (P) 38 35.50 5.2X
 SCX 3.60 91 (P) 38 34.00 -0.1

TPX 4.41 115 (P) 38 50.62 4.9X
 WRA 131.90 258 PKP 56 58.70 5.5X
 0.8s 0.30nm
 S.D. = 0.7 on 5 of 10 obs.

NOV 03, 1992 01h 38m 46.59 ± 0.62s
 41.171 N ± 5.3km 20.056 E ± 5.9km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.7 (THE), 2.6 (TIR).

TIR 0.23 321 iPd 38 52.00 0.5
 LACI 0.53 331 iSg 38 57.00 0.9
 PHP 0.59 29 iPd 38 57.20 -1.3
 VLO 0.82 211 ePg 39 01.40 -1.1
 KKS 0.94 16 ePn 39 07.80 3.2X
 FNA 1.07 111 iPg 39 06.10 -0.7
 BCI 1.20 0 ePn 39 21.34 1.6
 SKO 1.31 52 iPn 39 11.00 0.2
 IGT 1.65 173 iPbc 39 16.82 1.1
 GRG 1.79 96 iPbc 39 16.82 -0.9
 LIT 2.14 119 ePn 39 23.82 1.0
 KNT 2.15 89 iPn 39 23.26 0.3
 SOH 2.52 97 ePn 39 28.34 0.1

S.D. = 1.1 on 12 of 13 obs.

NOV 03, 1992 02h 53m 52.46 ± 0.60s
 17.973 N ± 5.1km 70.683 W ± 3.7km
 DEPTH = 34.5 ± 7.3 km
 4.6mb (24 obs.) 3.5msz (1 obs.)
 DOMINICAN REPUBLIC REGION (88)

MGP 3.42 89 iP 54 44.00 -0.8
 LRS 3.66 84 P 54 48.50 0.3
 PORP 3.85 88 iP 54 50.20 -0.7
 CLLP 3.91 88 iP 54 51.10 -0.6
 SJG 4.32 87 e(P) 54 59.00 1.5
 CPD 4.54 88 i(P) 55 00.50 -0.1
 LPR 4.59 85 (P) 55 04.00 2.6
 GWJ 5.76 272 iPd 55 16.32 -1.7
 HOJ 5.77 271 iPd 55 17.44 -0.7
 STH 5.83 272 iPd 55 17.00 -1.9
 PCJ 6.18 269 iPd 55 26.51 2.6
 MORO 7.42 162 P 55 41.30 0.0
 MGH 8.18 97 eP 55 58.61 6.7X
 TOV 8.18 174 eP 55 52.00 0.1
 LLAV 8.35 153 eP 55 53.30 -0.9
 BPA 8.47 95 eP 56 04.00 8.1X
 SDV 9.03 180 ePc 56 02.80 -1.0
 CEOS 9.18 165 eP 56 05.50 -0.2
 GUAN 9.35 148 iPd 56 08.60 0.5

SVB 10.22 116 eP 56 17.38 -2.5
 SVV 10.22 116 eP 56 16.75 -3.3X
 GRW 10.45 122 eP 56 24.19 1.0
 TCE 11.27 129 eP 56 33.88 -0.5
 TRN 11.57 128 eP 56 30.45 -7.9X
 TPP 11.75 129 eP 56 41.74 1.0
 CEH 19.34 339 eP 58 18.39 0.5
 BLA 20.99 338 eP 58 37.08 1.8
 ELC 25.21 323 eP 59 16.65 0.0
 OLY 25.39 318 eP 59 17.91 -0.4
 MIAR 26.25 313 eP 59 27.09 0.8
 FVM 26.38 323 eP 59 27.41 -0.1
 0.7s 8.43nm 4.5mb

UYO 26.66 312 iPd 59 30.50 0.4
 RSNY 26.69 354 (P) 59 30.66 0.4
 0.7s 3.86nm 4.1mb
 VVO 28.17 313 eP 59 43.70 -0.1
 TUL 28.51 314 ePd 59 47.00 0.2
 1.2s 59.00nm 5.2mb
 Z 20s 0.13um 3.5msz
 LPB 34.38 176 eP 00 40.00 0.9
 CNCB 34.67 175 eP 00 43.00 1.3
 JAO 35.97 355 ePd 00 51.40 -0.4
 ALQ 35.97 305 eP 00 51.96 -0.4
 GOL 36.97 313 eP 01 00.70 0.0
 0.8s 7.36nm 4.6mb
 ULM 37.99 334 eP 01 11.50 2.7
 RSSD 38.24 320 eP 01 11.18 -0.1
 0.9s 4.13nm 4.3mb
 BAO 40.19 145 e(P) 01 29.00 1.4
 0.1s 01 33.90
 0.1s 01 37.00
 0.1s 01 39.10
 0.1s 01 46.00
 0.1s 01 56.00
 0.1s 02 05.00
 0.1s 02 10.30

BW06 41.14 315 eP 01 34.50 -0.8
 1.5s 13.35nm 4.4mb
 ARUT 42.20 307 eP 01 44.60 0.6
 DUG 42.45 310 eP 01 46.82 0.8
 0.7s 6.70nm 4.5mb
 FCC 44.19 343 eP 02 04.00 4.3X
 LRM 44.30 318 eP 02 01.60 0.5
 SES 45.58 325 ePc 02 11.40 0.4
 BONR 45.97 306 eP 02 16.20 1.6
 NEW 48.20 319 iPd 02 31.20 -0.5
 1.0s 42.50nm 5.4mb
 ORV 48.74 307 eP 02 36.56 0.7
 LBFM 49.40 309 eP 02 41.56 0.4
 YKA 53.85 336 eP 03 11.90 -2.1
 0.9s 6.60nm 4.7mb
 MBC 63.37 348 eP 04 19.50 -0.7
 1.0s 8.00nm 4.8mb
 EPF 64.18 50 eP 04 25.30 -0.9
 0.8s 82.95nm 5.9mb X
 DAG 64.30 12 eP 04 25.00 -1.3
 0.9s 10.92nm 4.9mb
 LOR 66.59 46 eP 04 39.70 -1.8
 0.6s 3.00nm 4.6mb
 SMF 66.59 46 eP 04 39.70 -1.9
 1.1s 16.10nm 5.0mb
 KLU 67.33 330 (P) 04 44.49 -1.5
 FBA 68.41 333 eP 04 51.70 -0.9
 1.0s 3.78nm 4.4mb
 LPL 68.66 47 eP 04 54.80 0.0
 1.0s 7.20nm 4.7mb
 LPG 68.68 47 eP 04 59.40 4.4X
 IMA 70.89 335 eP 05 07.18 -0.8
 0.8s 4.09nm 4.5mb
 GRF 71.32 43 eP 05 11.60 0.9
 KHC 72.92 43 P 05 20.00 -0.2
 1.0s 5.40nm 4.5mb

GEC2 73.04 43 ePd 05 20.90 -0.1
 0.9s 3.84nm 4.4mb
 ZST 75.37 44 eP 05 34.60 0.2
 MLR 81.91 45 ePc 06 11.00 0.8
 OBN 84.93 33 eP 06 25.00 -0.1
 1.0s 17.00nm 5.2mb
 BAO 87.91 86 iPc 06 40.50 -0.1
 1.0s 5.00nm 4.8mb
 WRA 156.26 261 PKP 13 57.00 11.6X
 0.7s 0.30nm
 S.D. = 1.1 on 65 of 72 obs.

* NOV 03, 1992 02h 57m 29.80 ± 0.89s
 32.622 S ± 14.5km 70.394 W ± 12.0km
 DEPTH = 100.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.8 (SAN).

JACH 0.18 250 iPd 57 44.05 -0.4
 PEL 0.58 205 iP+ 57 46.33 -0.1

03d 02h

ROCH	0.63	236	iS	57	58.78	
			iP+	57	46.68	-0.4
			iS	57	59.57	
FCH	0.71	173	iPd	57	48.65	0.7
			iS	58	02.99	
SAN	0.86	195	iPd	57	49.20	0.2
			iS	58	04.82	
PCH	1.00	186	iPd	57	51.00	0.4
			iS	58	08.27	
TACH	1.13	204	iPd	57	51.78	-0.2
			iS	58	09.20	
LCCH	1.30	229	iP	57	54.01	0.0
			iS	58	12.65	
CHCH	1.33	189	iPd	57	54.59	0.2
			iS	58	14.54	
MDZ	1.33	102	eP	57	56.50	2.1
			iS	28	16.20	
LVN	1.58	212	iPd	57	56.81	-0.6
			iS	58	17.79	
RTCV	1.75	65	iPd	58	02.00	2.4
			S	58	22.00	
RTCB	1.76	51	ePd	58	00.70	0.8
			S	58	24.00	
CFA	2.09	62	ePd	58	04.00	-0.1
			S	58	30.00	
MRA	3.96	88	ePc	58	27.20	-2.3
TCA	5.09	77	iPd	58	42.50	-2.7
S.D. = 1.4 on 16 of 16 obs.						
% NOV 03, 1992 04h 28m 18.64 ± 0.52s						
42.446 N ± 4.6km 19.125 E ± 4.4km						
DEPTH = 10.0km (geophysicist)						
NORTHWESTERN BALKAN REGION (383)						
ML 1.7 (TTG).						
TTG	0.10	99	iPg	28	22.52	1.2
			iSg	28	25.62	
BDV	0.27	234	iPg	28	24.72	0.3
			iSg	28	29.56	
NKY	0.38	346	iPg	28	26.75	0.3
			iSg	28	33.25	
HCY	0.46	270	iPg	28	28.05	0.0
			iSg	28	35.50	
ULC	0.49	169	iPg	28	28.05	-0.6
			iSg	28	35.68	
BRY	0.62	317	iPg	28	30.97	-0.3
			iSg	28	41.05	
PVY	0.64	76	iPg	28	31.12	-0.5
			iSg	28	40.92	
IVA	0.71	53	iPg	28	32.43	-0.3
			iSg	28	43.31	
PLE	0.91	13	iPg	28	35.97	-0.1
			iSg	28	49.76	
S.D. = 0.6 on 9 of 9 obs.						
* NOV 03, 1992 04h 57m 26.08 ± 2.10s						
43.800 N ± 14.3km 148.224 E ± 17.3km						
DEPTH = 77.9 ± 22.8 km						
4.4mb (6 obs.)						
EAST OF KURIL ISLANDS (222)						
KUSJ	2.65	256	iPd	58	06.40	-1.1
			eS	58	34.30	
HOJ	3.88	250	P	58	26.00	1.5
			eS	59	09.40	
ASAJ	4.04	276	eP	58	27.10	0.3
MRRJ	5.41	258	P	58	46.40	0.4
			eS	59	45.90	
AOMJ	6.67	244	eP	59	03.60	0.2
OFUJ	6.82	228	eP	59	04.40	-1.0
			S	00	17.40	
NIJ	9.60	230	P	59	43.50	-0.1
KAKJ	9.78	222	P	59	45.30	-0.7
			eS	01	25.90	
MTMJ	10.74	231	P	59	59.60	0.5
LZH	34.55	273	eP	04	09.20	0.1
	1.5s	27.00nm			5.0mb	
IMA	38.20	34	eP	04	38.90	-0.6
	0.5s	4.90nm			4.7mb	
FBA	40.60	36	eP	04	59.41	0.3
	0.6s	5.67nm			4.6mb	
YKA	55.33	34	eP	06	51.70	-1.8
	0.6s	2.60nm			4.4mb	
BW06	69.28	50	eP	08	27.00	0.1
	0.6s	0.62nm			3.7mb	
PV10	72.49	54	eP	08	49.00	2.6
GEC2	79.49	331	ePd	09	24.60	-0.8

	0.4s	0.53nm	3.8mb	
S.D. = 1.2 on 16 of 16 obs.				
& NOV 03, 1992 06h 00m 26.06s				
32.894 N 115.952 W				
DEPTH = 9.3km				
CALIF.-BAJA CALIF. BORDER REGION(45)				
<PAS-P>. ML 3.3 (PAS). Felt in				
southern California.				
PLM	0.89	301	ePc	00 42.79 -0.5
			eS	00 54.18
GLA	0.96	80	ePd	00 42.20 -2.2
PEC	1.42	315	eP	00 51.49 -0.5
SSK	1.96	313	eP	01 01.50 1.6
GSC	2.50	344	eP	01 11.72 4.1
5 obs. associated				
? NOV 03, 1992 06h 58m 04.14 ± 4.90s				
15.903 N ± 39.9km 99.360 W ± 19.0km				
DEPTH = 33.0km (normal)				
OFF COAST OF GUERRERO, MEXICO (65)				
ACX	1.07	334	iP	58 23.40 0.5
			iS	58 34.50
III	2.46	358	eP	58 42.32 -0.7
			iS	59 09.49
ODX	2.79	65	eP	58 47.40 -0.2
			iS	59 20.00
TPM	3.08	5	(P)	58 50.50 -1.2
PPM	3.22	12	iP	58 54.38 0.3
			(S)	59 32.50
IIT	3.26	18	iP	58 55.69 1.3
			(S)	59 33.01
UNM	3.41	3	(P)	59 41.80 45.2X
IISM	3.60	31	iP	58 59.10 0.1
			iS	59 38.41
MRX	4.16	335	(P)	59 11.53 4.6X
			(S)	00 09.05
S.D. = 1.0 on 7 of 9 obs.				
NOV 03, 1992 07h 12m 55.61 ± 0.64s				
39.316 N ± 5.7km 29.108 E ± 7.2km				
DEPTH = 10.0km (geophysicist)				
TURKEY (366)				
MD 3.1 (ISK).				
ALT	0.82	108	iPg	13 10.60 -1.0
			eSg	13 21.40
KHL	1.04	162	iPg	13 15.40 0.0
			iSg	13 27.90
KCT	1.10	328	iPn	13 16.70 0.5
YLV	1.27	9	ePn	13 18.90 -0.3
GPA	1.34	43	ePn	13 21.20 0.9
BNT	1.38	319	ePn	13 19.70 -1.2
EDC	1.41	317	ePn	13 22.00 0.7
IZM	1.71	238	ePn	13 24.00 -1.6
CIN	1.89	205	eP	13 30.00 1.8
DMK	2.71	338	ePn	13 40.00 0.1
S.D. = 1.2 on 10 of 10 obs.				
% NOV 03, 1992 08h 57m 44.48 ± 0.73s				
40.377 N ± 5.3km 23.323 E ± 7.6km				
DEPTH = 10.0km (geophysicist)				
GREECE (364)				
SOH	0.44	3	iPg	57 53.18 -0.4
			eSg	57 59.41
PAIG	0.53	149	iPg	57 55.09 0.0
			eSg	58 03.30
LIT	0.69	247	ePg	57 58.22 0.0
			eSg	58 08.78
SRS	0.77	15	ePg	57 59.82 0.4
			eSg	58 10.62
KNT	0.85	338	ePg	58 00.78 -0.1
			eSg	58 13.18
GRG	0.91	310	ePg	58 02.02 0.1
S.D. = 0.3 on 6 of 6 obs.				
% NOV 03, 1992 09h 02m 11.50 ± 0.87s				
44.144 N ± 9.2km 11.447 E ± 6.5km				
DEPTH = 10.0km (geophysicist)				
NORTHERN ITALY (545)				
SFI	0.37	127	P	02 18.70 -0.3
			eSg	02 26.90
MME	0.54	276	P	02 21.40 -1.1

			eSg	02 29.90	
BDI	0.62	263	P	02 23.70	-0.3
CRE	0.63	145	P	02 24.10	-0.2
PII	0.79	238	P	02 28.20	1.4
CTI	1.91	4	P	02 45.00	0.5
S.D. = 1.1			on	6 of	6 obs.
<hr/>					
%	NOV 03, 1992	09h	23m	54.73± 1.21s	
39.102 N ± 9.8km			27.431 E ± 19.3km		
DEPTH = 10.0km (geophysicist)					
TURKEY					(366)
MD 2.8 (ISK).					
<hr/>					
IZM	0.72	191	ePg	24 08.80	-0.1
			eSg	24 20.80	
DST	1.06	61	iPn	24 14.80	0.1
EDC	1.29	15	iPn	24 19.00	0.4
KCT	1.35	32	iPn	24 18.70	-0.9
YLV	2.09	45	ePn	24 30.70	0.4
S.D. = 0.7			on	5 of	5 obs.
<hr/>					
&	NOV 03, 1992	09h	28m	08.17s	
35.000 N			116.957 W		
DEPTH = 7.6km					
CENTRAL CALIFORNIA					(39)
<PAS-P>. ML 3.4 (PAS), 3.0 (GS).					
GSC	0.33	22	iPc	28 14.43	-0.4
PEC	1.12	189	iPd	28 28.47	-0.9
			S	28 43.60	
ISA	1.41	299	ePc	28 32.75	-1.4
			S	28 52.70	
PLM	1.64	177	ePn	28 36.62	-1.1
GLA	2.63	137	(Pn)	28 52.74	1.0
PKEM	2.78	293	(Pn)	28 49.90	-4.0
PHAM	2.93	288	ePn	28 54.58	-1.4
TNP	3.08	356	ePn	28 57.10	-1.2
MEMM	3.11	330	ePn	28 58.77	0.4
BONR	3.14	340	(Pn)	28 58.67	-0.5
ARUT	3.97	45	eP	29 09.89	-1.0
CMB	4.10	319	ePn	29 12.53	0.0
MSU	5.20	46	(Pn)	29 27.50	-0.9
13 obs. associated					
<hr/>					
&	NOV 03, 1992	09h	38m	04.55s	
62.202 N			147.908 W		
DEPTH = 32.9km					
CENTRAL ALASKA					(1)
<AEIC>.					
SML	0.44	207	iPc	38 13.69	-0.7
			eS	38 21.30	
SCM	0.46	143	iPc	38 13.60	-1.1
			eS	38 21.74	
GHO	0.65	228	ePc	38 16.26	-1.1
			eS	38 26.59	
TOA	0.82	96	P	38 19.10	-0.7
			S	38 31.70	
KNK	0.83	198	iPc	38 18.91	-1.0
			eS	38 30.48	
PLRM	0.84	224	iPc	38 18.84	-1.1
PMR	0.84	224	eP	38 18.48	-1.5
			S	38 29.94	
PWA	1.08	240	P	38 23.50	0.1
HUR	1.12	315	eP	38 23.65	-0.3
			eS	38 39.24	
SDG	1.15	72	ePc	38 23.74	-0.7
TZL	1.18	97	eP	38 24.44	-0.3
KLU	1.18	126	iPc	38 23.47	-1.4
			eS	38 39.08	
PMS	1.24	220	P	38 25.30	-0.4
			S	38 42.40	
RND	1.28	341	eP	38 26.07	-0.3
VLZ	1.31	144	ePc	38 24.51	-2.1
			eS	38 42.02	
VZW	1.32	150	eP	38 25.00	-1.8
PAX	1.37	55	eP	38 27.15	-0.4
GLI	1.38	163	iPd	38 26.64	-1.1
			eS	38 45.34	
PTE	1.44	202	ePc	38 27.83	-0.8
			eS	38 48.39	
SUA	1.54	242	eP	38 30.23	0.2
MCK	1.61	343	eP	38 31.30	0.3
FID	1.61	154	ePd	38 30.15	-0.9
TRF	1.66	320	iPc	38 31.71	-0.2
SKT	1.72	264	iPc	38 32.51	-0.1
MPA	1.86	203	eP	38 33.80	-0.8

KNIM	1.86	177	eP	38	33.10	-1.6	LACI	3.80	329	ePn	52	20.00	-0.2	ATH	1.67	70	ePb	09	08.80	1.4
			eS	38	56.46		KKS	3.95	339	ePn	52	26.00	3.8X	AGG	1.68	16	ePb	09	08.58	0.9
KTH	1.94	316	eP	38	36.54	0.7	NPS	4.09	139	ePn	52	27.00	2.7X				eSb	09	29.62	
CVA	1.96	147	iPd	38	34.99	-1.1	BCI	4.32	337	ePn	52	27.70	0.2	IGT	2.39	333	ePn	09	19.38	1.5
SLKM	2.03	214	eP	38	36.49	-0.7	CIN	4.61	98	eSg	52	32.00	0.4	LIT	2.75	12	ePn	09	23.58	0.5
GLB	2.09	110	ePd	38	36.98	-1.0				iSg	52	36.00					eSn	09	57.62	
CGLM	2.15	247	ePd	38	39.18	0.4	HVAR	6.53	319	iPn	52	54.00	-4.8X	KEK	2.76	327	ePb	09	31.00	7.8X
SGAM	2.15	141	eP	38	37.03	-1.7	MLR	7.57	20	eP	53	11.00	-2.4	SRN	2.82	332	ePn	09	29.20	5.2X
NKA	2.17	229	P	38	41.20	2.2				e	10	51.00		LSK	2.88	342	ePn	09	24.00	-0.9
LT1	2.17	179	ePc	38	38.70	-0.3	VRI	8.13	22	eP	53	11.50	-9.7X	KZN	2.90	0	ePn	09	31.00	5.9X
SPU	2.23	244	ePn	38	39.45	-0.4	VBY	8.83	326	iPn	53	27.40	-3.5X	PAIG	2.94	30	ePn	09	25.26	-0.4
CRP	2.23	247	ePn	38	39.92	-0.1	SMF	15.90	307	P	55	06.90	1.2	TPE	3.19	335	ePn	09	30.50	1.4
SEW	2.23	200	eP	38	39.61	-0.3				1.2s	14.30nm	4.0mb	FNA	3.39	355	ePn	09	32.00	0.0	
HDA	2.25	11	eP	38	40.86	0.6	LBF	15.96	308	eP	55	06.90	0.4				eSn	10	12.54	
CKN	2.26	246	ePn	38	41.30	0.9				1.0s	8.40nm	3.8mb	GRG	3.58	8	ePn	09	34.62	-0.2	
CP2	2.27	247	eP	38	41.62	1.0	SSF	16.29	308	eP	55	11.10	0.6	SOH	3.63	20	ePn	09	34.74	-0.9
WRH	2.28	358	eP	38	40.77	0.2				0.9s	8.50nm	3.9mb	KNT	3.86	13	ePn	09	38.86	0.1	
BGL	2.33	248	eP	38	41.89	0.4	BGF	16.50	306	eP	55	14.60	1.4	VAY	3.96	9	iPn	09	39.50	-0.7
CKL	2.34	246	eP	38	41.37	-0.2				0.9s	12.00nm	4.1mb	SRS	3.98	21	ePn	09	39.90	-0.5	
BKG	2.37	243	eP	38	42.24	0.2	NB2	23.70	346	P	56	30.80	-1.9	TIR	4.20	340	ePn	09	46.00	2.5X
RAGM	2.40	138	P	38	44.40	2.0				0.6s	2.30nm	3.9mb	PHP	4.39	347	ePn	09	52.00	5.7X	
NEA	2.44	348	eP	38	43.00	0.0	EKA	24.09	323	Pd	56	34.70	-1.7	LACI	4.51	340	ePn	09	48.50	0.6
CCB	2.45	1	eP	38	42.82	-0.3				1.3s	21.30nm	4.6mb	BCI	5.12	346	ePn	09	54.60	-2.0	
HMT	2.57	135	eP	38	42.95	-1.8	S.D. = 1.1 on 30 of 38 obs.							S.D. = 1.0 on 17 of 22 obs.						
CROM	2.71	120	eP	38	45.47	-1.4	NOV 03, 1992 09h 52m 58.76± 1.11s													
FBA	2.71	1	eP	38	46.19	-0.5	52.454 N ± 9.3km 152.436 E ± 8.2km													
MDM	2.77	357	eP	38	47.58	0.0	DEPTH = 446.0 ± 14.3 km													
GLM	2.81	5	eP	38	47.87	-0.2	4.3mb (10 obs.)													
DFR	2.81	237	eP	38	45.09	-3.1	NORTHWEST OF KURIL ISLANDS (220)													
TGL	2.84	119	eP	38	46.63	-2.0	ASAJ	10.58	222	eP	55	28.10	4.2X	DST	0.61	268	ePg	42	02.00	-0.8
RDN	2.89	236	eP	38	47.74	-1.6	KUSJ	10.70	212	eP	55	23.30	-1.9				eSg	42	12.20	
BALM	2.90	111	eP	38	47.51	-2.1				eS	57	19.60		ALT	0.79	137	ePg	42	06.00	0.2
RSO	2.92	235	eP	38	50.69	0.8	HO0J	11.82	215	eP	55	36.70	-0.6	YLV	0.93	358	iPn	42	07.70	-0.6
RS2	2.92	235	eP	38	51.19	1.3				eS	57	41.80		KCT	1.02	307	ePn	42	11.00	1.2
RS1	2.92	235	eP	38	49.76	-0.1	SMY	13.17	80	eP	55	52.38	0.6	EYL	1.09	31	ePn	42	11.00	0.0
NCT	2.92	238	eP	38	49.75	-0.1				0.5s	134.23nm	5.6mb X	S.D. = 1.1 on 5 of 5 obs.							
RDW	2.92	236	eP	38	51.01	1.1	OFUJ	15.32	213	P	56	16.70	2.4	* NOV 03, 1992 10h 46m 26.32± 0.57s						
WAX	3.01	124	eP	38	48.50	-2.5				S	58	57.30		61.847 S ± 15.9km 161.760 W ± 11.6km						
MLY	3.11	337	eP	38	51.76	-0.7	TTA	28.68	48	eP	58	19.10	0.1	DEPTH = 10.0km (geophysicist)						
CNPM	3.14	213	eP	38	51.86	-1.0	SVW	29.01	52	eP	58	22.30	0.5	5.1mb (7 obs.)						
CTGM	3.38	109	eP	38	54.62	-1.8	IMA	29.63	42	iPc	58	26.39	-0.9	PACIFIC-ANTARCTIC RIDGE (691)						
YAH	3.50	119	eP	38	56.10	-2.1				0.6s	12.12nm	4.5mb	LSCZ	23.68	302	eP	51	48.80	10.2X	
66 obs. associated							CRP	30.65	51	(P)	58	37.02	0.8	TLC	23.74	301	eP	51	48.60	9.3X
NOV 03, 1992 09h 51m 20.69± 0.60s							SPU	30.71	51	iPc	58	36.60	0.0	MHZ	23.77	302	eP	51	49.70	10.3X
38.411 N ± 5.8km 22.342 E ± 4.9km							FBA	32.14	44	iPc	58	48.33	-0.4	BWZ	23.96	303	eP	51	47.40	6.2X
DEPTH = 12.9 ± 2.7 km										0.4s	16.74nm	4.8mb	DRV	24.91	234	eP	51	51.00	0.8	
4.0mb (6 obs.)							TOA	33.30	49	eP	58	59.30	0.7	SNZO	24.97	315	P	51	48.00	-2.9
GREECE (364)							BALM	35.34	50	eP	59	16.70	0.9				S	56	20.00	
ML 3.6 (THE), 3.5 (TIR), 3.4 (ATH).							MBC	39.42	22	eP	59	49.00	0.0	SPA	28.31	180	iPc	52	21.80	0.0
AGG	0.61	359	iPg	51	32.36	-0.4	YKA	46.70	40	eP	00	45.70	-1.0				i	54	18.50	
			eSg	51	42.60					0.5s	6.40nm	4.3mb	AIA	39.42	139	eP	54	06.00	8.7X	
ATH	1.17	112	ePg	51	44.00	1.8	GUN	54.29	270	P	01	43.72	0.0	TOO	40.30	282	eP	54	12.50	7.5X
VLS	1.40	261	ePb	51	39.50	-6.4X	KKN	54.74	271	P	01	47.08	0.3				1.0s	40.00nm	5.1mb	
LIT	1.69	4	ePb	51	50.28	0.2	PKI	54.82	271	P	01	47.74	0.3	CAN	40.54	288	eP	54	10.50	3.5X
			eSb	52	15.12		DMN	54.98	271	P	01	48.84	0.3	BWA	41.55	288	eP	54	16.50	1.2
VLI	1.75	164	ePb	51	50.00	-1.0	GKN	54.98	272	P	01	48.52	0.1	CMS	45.19	287	eP	54	48.00	3.2X
PAIG	1.84	34	ePbd	51	52.72	0.6	ORV	57.72	66	eP	02	07.00	-0.1	DZM	45.35	317	iPc	54	47.70	1.5
			eSb	52	19.00		TNP	61.13	64	eP	02	30.00	-0.2	BRS	45.68	298	iP	55	03.00	14.2X
IGT	1.93	306	ePb	51	53.44	0.0				0.7s	2.22nm	3.8mb	STK	46.80	283	eP	55	01.50	4.0X	
			eSb	52	19.84		BW06	61.81	56	eP	02	33.50	-1.2				0.8s	1.20nm	4.0mb	
KZN	1.94	347	ePn	51	54.50	0.7				0.9s	4.94nm	4.0mb	MAW	46.86	202	e(P)	54	56.00	-1.5	
THE	2.27	12	ePn	51	58.44	0.0	RSSD	63.54	51	eP	02	44.60	-1.2				1.0s	25.00nm	5.2mb	
SRN	2.34	310	ePn	51	59.20	-0.2				0.8s	6.40nm	4.3mb	Z	16s	9.00um				5.8mszX	
KEK	2.37	304	iPbc	51	59.00	-0.8	GLA	66.12	67	eP	03	02.50	0.5	NVL	47.59	177	eP	54	58.00	-5.3X
FNA	2.48	343	ePn	52	01.00	-0.5	WB2	73.79	198	iPd	03	47.30	-0.2				1.4s	107.00nm	5.7mb	
			eSn	52	34.20					0.7s	16.20nm	4.8mb								
SOH	2.53	18	ePnd	52	02.64	0.5	WRA	73.79	198	P	03	47.50	0.0				e	55	18.00	
GRG	2.54	1	ePnd	52	02.44	0.1				0.7s	4.90nm	4.2mb				eS	01	50.00		
			eSn	52	35.32		ASPA	77.51	197	iPd	04	08.60	0.6	RMQ	48.19	294	eP	55	17.00	8.5X
TPE	2.61	317	ePn	52	03.00	-0.2				0.5s	26.20nm	5.1mb	OLP	50.10	289	eP	55	32.00	8.8X	
KNT	2.78	9	ePnc	52	06.16	0.5	MBL	78.62	211	eP	04	12.30	-1.6				1.3s	108.00nm	5.7mb	
			eSn	52	41.16		WARB	81.49	203	eP	04	29.00	0.2	CTA	54.89	295	eP	56	05.00	5.9X
SRS	2.87	19	ePn	52	07.04	0.1	STK	84.51	189	eP	04	44.20	0.4	ASPA	57.33	281	iPd	56	16.10	-0.5
			eSn	52	43.52					0.7s	1.80nm	3.9mb				1.2s	11.40nm	4.8mb		
VAY	2.91	3	iPn	52	07.70	0.2	S.D. = 0.9 on 30 of 31 obs.							Z	23s	3.90um	5.4mszX			
PRK	3.18	74	ePb	52	18.00	6.7X	NOV 03, 1992 10h 08m 38.07± 1.13s													
TIR	3.50	328	ePn	52	19.00	3.2X	37.406 N ± 9.7km 21.740 E ± 8.2km													
PHP	3.58	337	ePn	52	18.00	1.0	DEPTH = 10.0km (geophysicist)													
			iSn	53	04.50		SOUTHERN GREECE (368)													
SKO	3.62	349	iPn	52	19.80	2.1	ML 3.7 (ATH).													
			iSn	53	01.20		VLI	1.18	125	ePb	08	59.50	-0.5	PEL	61.86	108	iP+	56	55.50	7.7X
			iSg	53	23.70		VLS	1.19	311	ePn	09	00.00	-0.3	MDZ	62.91	109	i(P)	56	57.50	2.8X
			Lg	54	26.00															
ALN	3.79	48	ePn	52	19.16	-0.8														

03d 10h

PMG 64.09 301 eP 57 07.00 4.4X
 CFA 64.26 109 e(P) 57 03.00 -0.6
 TCA 66.11 112 eP 57 15.00 -0.6
 RAB 66.92 309 e(P) 57 25.00 4.3X
 ARE 75.77 98 eP 58 15.00 0.8
 LPB 77.30 101 P 58 24.10 1.2

SKS 08 20.00
 e 19 28.00
 LR 22 32.00
 LPB 77.30 101 eP 58 21.00 -1.9
 VAO 80.86 122 eP 58 42.50 0.7
 BAO 87.04 118 Pc 59 24.10 10.9X

e 59 29.50
 e 59 39.00
 e 59 42.00
 e 00 17.00
 BLF 89.14 187 eP 59 35.00 11.8X
 LWI 115.58 192 iPdiffer 01 30.00 7.6X

e 02 01.20
 LZH 123.07 285 ePKP 05 40.00 16.1X
 2.0s 34.00nm
 Z 30s 1.00um 5.3mszX

PKI 124.66 264 PKP 05 33.20 5.7X
 GUN 124.72 265 PKP 05 32.40 4.8X
 DMN 124.83 264 PKP 05 33.78 6.1X

KKN 124.90 264 PKP 05 33.60 5.8X
 GKN 125.39 264 PKP 05 32.84 4.2X
 IRK 135.60 299 ePKP 05 55.00 7.8X

e 09 14.00
 e 09 42.00
 e 10 38.20
 e 11 30.00
 e 26 49.00

MBC 140.44 15 ePKP 05 57.00 1.6
 MAIO 143.80 244 ePKP 06 06.00 3.4X
 TIO 144.89 140 iPKP 06 14.00 9.3X

i 06 30.50
 HLW 146.86 201 ePKP 06 11.00 3.2X
 KER 146.94 227 ePKP 06 22.00 14.0X
 AVE 147.05 138 iPKP 06 16.50 8.5X

i 06 24.00
 IFR 147.95 141 iPKP 06 29.00 19.3X
 BHL 149.90 210 PKP 06 20.00 7.4X
 TAB 150.56 229 ePKP 06 29.00 15.5X

EJIF 150.57 139 ePKP 06 25.00 11.7X
 EPRU 151.11 139 ePKP 06 34.00 19.8X
 MAL 151.15 140 ePKP 06 25.00 10.8X

iPP 09 24.00
 EVAL 151.19 136 ePKP 06 26.00 11.7X
 CSS 151.44 207 ePKP 06 28.40 13.7X
 EGUA 151.50 141 ePKP 06 29.00 14.2X

EHOR 151.89 138 ePKP 06 27.50 12.2X
 EBAN 152.66 140 ePKP 06 29.00 12.6X
 EVIA 153.48 142 ePKP 06 33.50 15.8X

TOL 154.15 138 ePKP 06 33.00 14.6X
 ePKKP 06 50.50
 ePP 09 44.00
 ePPP 13 25.00
 eSKS 19 44.00
 eSS 29 55.00
 eSSS 35 30.00

GUD 154.81 137 ePKP 06 27.10 7.7X
 ECHE 154.81 143 ePKP 06 29.50 10.2X
 ETOR 155.63 140 ePKP 06 27.00 6.5X
 ETER 158.37 148 ePKP 06 23.80 0.1

OBN 168.28 243 (PKP) 06 41.00 8.6X
 Z 24s 3.30um
 N 24s 2.20um
 E 24s 2.20um

e 07 42.00
 ePP 11 36.00
 e 14 07.00
 eSKSP 22 08.00
 ePPS 25 32.00
 eSS 32 20.00
 (SSS) 36 00.00

S.D. = 1.4 on 17 of 69 obs.
 % NOV 03, 1992 11h 14m 05.23±0.90s
 39.021 N ± 8.1km 27.643 E ± 9.5km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.5 (ISK).

Izm 0.69 206 ePg 14 18.80 -0.1
 DST 0.96 52 ePn 14 24.00 0.4

EZN 1.30 309 ePn 14 29.50 0.2
 KCT 1.34 24 ePn 14 29.50 -0.5
 BNT 1.35 9 ePn 14 30.00 -0.1
 S.D. = 0.5 on 5 of 5 obs.

? NOV 03, 1992 11h 56m 36.10±5.96s
 43.572 N ± 44.8km 8.109 E ± 19.7km
 DEPTH = 29.6 ± 9.2 km

CORSICA (380)
 ML 2.2 (GEN).

IMI 0.37 335 P 56 44.60 -0.1
 S 56 51.55
 FIN 0.64 6 P 56 48.89 0.1
 S 56 58.46

ROB 0.74 347 P 56 50.40 -0.1
 S 57 01.48
 ENR 0.82 323 P 56 51.59 0.0
 S 57 04.09

STV 0.88 320 P 56 52.46 0.0
 S 57 05.19
 PCP 1.02 18 P 56 54.43 0.0
 S 57 08.43

PZZ 1.18 322 P 56 56.90 0.1
 S 57 12.69
 S.D. = 0.1 on 7 of 7 obs.

& NOV 03, 1992 12h 25m 53.30s
 37.548 N 118.438 W
 DEPTH = 6.0km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <BRK>. ML 3.2 (BRK).

MEMM 0.42 287 iPc 26 01.24 -0.4
 eS 26 06.79
 BONR 0.42 15 ePd 26 01.26 -0.6
 TNP 1.10 61 iPc 26 13.69 -0.9

FRI 1.16 242 iPc 26 14.25 -1.0
 eS 26 29.25
 KVN 1.52 10 eP 26 21.11 -0.2
 CMB 1.62 288 iPc 26 22.36 -0.1

eS 26 43.31
 ISA 1.88 181 eP 26 27.05 0.7
 LLA 2.21 246 eP 26 32.51 1.5
 PRI 2.27 233 eP 26 33.09 1.0

eS 27 04.36
 PHAM 2.32 223 (P) 26 34.84 2.1
 SAO 2.53 253 eP 26 36.41 0.9
 GSC 2.60 149 (P) 26 39.95 3.3

ARUT 3.97 85 (Pg) 27 07.32 11.1
 13 obs. associated

* NOV 03, 1992 13h 04m 12.44±0.58s
 43.817 N ± 9.4km 9.764 E ± 3.4km
 DEPTH = 16.3 ± 5.0 km

CORSICA (380)
 PII 0.56 100 P 04 24.10 0.7
 eSg 04 26.00

BDI 0.65 68 P 04 24.20 -0.8
 eSg 04 26.20
 MME 0.77 61 P 04 26.70 -0.5
 BOB 0.98 347 P 04 31.40 0.8

eSg 04 44.70
 PCP 1.14 310 P 04 33.21 -0.1
 FIN 1.19 290 P 04 33.81 -0.4
 CKI 1.23 300 P 04 34.80 0.0

IMI 1.36 275 P 04 34.86 -1.9
 S 05 29.34
 ROB 1.45 290 P 04 37.74 -0.2
 S 05 31.44

SFI 1.51 85 P 04 39.00 0.2
 CRE 1.60 96 P 04 40.40 0.2
 ENR 1.74 284 P 04 42.50 0.3
 S 05 37.87

STV 1.81 284 P 04 43.69 0.4
 DOI 1.94 292 P 04 45.20 0.1
 eSg 04 49.50

MDI 1.96 359 P 04 49.90 4.6X
 PZZ 2.04 291 P 04 46.48 -0.1
 BHB 2.07 301 P 04 46.90 0.0
 ORO 2.21 325 P 04 54.80 5.7X

ORX 2.22 326 P 04 47.51 -1.6
 RSP 2.24 308 P 04 49.46 0.0
 RRL 2.40 298 P 04 53.49 1.6
 LSD 2.48 312 P 04 53.67 0.6

BNI 2.53 300 P 04 54.50 0.8

S.D. = 0.9 on 21 of 23 obs.

? NOV 03, 1992 14h 04m 20.69±0.96s
 47.252 N ± 14.8km 11.300 E ± 6.2km
 DEPTH = 10.0km (geophysicist)

AUSTRIA (546)
 ML 1.0 (VIE).

SQTA 0.07 243 iPg 04 23.10 -0.1
 iSg 04 24.90
 MOTA 0.16 305 iPg 04 24.60 0.1
 iSg 04 27.40

WATA 0.21 66 iPg 04 25.10 -0.2
 iSg 04 28.40
 WTTA 0.23 87 iPg 04 25.90 0.2
 iSg 04 29.80

S.D. = 0.3 on 4 of 4 obs.
 % NOV 03, 1992 14h 14m 30.60±0.60s
 44.383 N ± 5.5km 7.382 E ± 6.0km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 ML 1.5 (GEN).

STV 0.15 197 P 14 34.20 0.1
 S 14 36.67
 ENR 0.16 170 P 14 34.20 -0.1
 S 14 36.85

PZZ 0.24 301 P 14 35.85 0.1
 S 14 39.46
 ROB 0.36 104 P 14 38.55 0.5
 BHB 0.47 350 P 14 39.92 -0.2

S 14 46.01
 IMI 0.60 142 P 14 42.57 -0.2
 FIN 0.62 106 P 14 42.76 -0.3

S.D. = 0.3 on 7 of 7 obs.
 ? NOV 03, 1992 14h 57m 58.95±0.98s
 60.715 N ± 7.4km 5.508 E ± 8.7km
 DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
 ML 1.3 (NAO). MD 1.5 (BER).

ASK 0.28 214 eP 58 04.88 0.1
 eS 58 08.94
 EGD 0.47 198 eP 58 08.36 -0.1
 eS 58 14.89

SUE 0.50 314 eP 58 09.10 0.0
 eS 58 16.75
 NRA0 2.96 87 Pn 58 46.89 0.0
 Pg 58 50.62
 Lg 59 29.67

S.D. = 0.1 on 4 of 4 obs.
 NOV 03, 1992 15h 41m 28.42±0.32s
 23.981 S ± 4.8km 70.221 W ± 9.2km
 DEPTH = 31.0km (9 depth phases)

5.2mb (12 obs.) 4.3msz (7 obs.)
 NEAR COAST OF NORTHERN CHILE (122)
 Felt (V) at Antofagasta.

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 12S, 20C
 Centroid Location:

Origin Time 15:41:34.4 0.6
 Lat 23.05S 0.11 Lon 69.85W 0.13
 Dep 18.711.9 Half-duration 1.3
 Moment Tensor: Scale 10¹⁶ Nm

Mrr=-0.85 0.50 Mtt=-0.74 0.55
 Mff=1.59 0.63 Mrt=2.95 2.08
 Mrf=-6.69 4.66 Mtf=-2.98 0.59

Principal Axes:
 T Val= 8.97 Plg=37 Azm= 61
 N -2.51 11 159
 P -6.45 51 263

Best Double Couple: Mo=7.7*10¹⁶
 NP1: Strike=104 Dip=13 Slip=-145
 NP2: 340 82 -79

SLA 4.37 101 ePd 42 42.20 7.6X
 S 42 55.00
 RTPR 7.11 153 ePc 43 14.30 1.4
 (S) 44 38.50

RTLL 7.48 168 ePc 43 18.80 0.6
 S 44 55.20
 RTCB 7.58 171 ePd 43 20.80 1.1
 ZON 7.66 170 eP 43 27.00 6.3X

LPB 7.67 15 P 43 19.80 -1.5
 RTBS 7.68 175 ePd 43 18.90 -2.0
 CFA 7.80 167 eP 43 23.00 0.4
 RTCV 7.99 170 ePd 43 25.40 0.1
 TCA 8.87 147 e(P) 43 37.10 -0.4
 MDZ 8.95 173 iP 43 47.50 8.8X
 IHA 9.10 188 eP 43 52.50 11.9X
 e(S) 45 46.70
 RFA 10.86 172 eP 44 02.20 -2.7
 S 46 18.80
 VAO 21.35 92 eP 46 13.90 -1.5
 e 46 18.70
 e 46 31.80
 BAO 22.48 72 e(P) 46 25.80 -1.0
 e 46 27.50
 e 46 30.20
 e 46 34.50
 e 46 38.80
 e 46 40.60
 e 46 42.20
 e 46 59.20
 BMA 23.96 92 eP 46 34.90 -6.2X
 e 46 42.80
 e 47 03.30
 PDCR 31.58 74 eP 47 49.80 -0.8
 MIAR 62.29 338 P 52 00.00 10.1X
 Z 19s 0.17um 4.2Msz
 ELC 63.51 343 eP 51 55.82 -2.1
 eP 52 05.81 32km
 FVM 64.49 342 iPd 52 02.75 -1.6
 0.5s 26.79nm 5.6mb
 eP 52 12.16 30km
 NVL 64.96 159 eP 52 07.00 0.0
 1.0s 59.00nm 5.6mb
 e 52 11.00
 e 52 47.00
 e 53 16.00
 e 53 48.00
 SPA 66.16 180 iPc 52 15.60 0.6
 1.0s 10.50nm 4.9mb
 HRV 66.16 359 P 52 20.00 5.1X
 Z 18s 0.16um 4.3Msz
 ALO 67.93 328 eP 52 25.83 -0.8
 1.3s 21.78nm 5.1mb
 Z 18s 0.21um 4.4Msz
 pP 52 36.03 33km
 e 52 47.45
 RSNY 68.31 357 P 52 40.00 11.5X
 Z 20s 0.23um 4.4Msz
 LMN 69.67 4 eP 52 39.00 2.2
 LIC 70.24 74 Pc 52 41.00 0.0
 1.0s 15.50nm 5.1mb
 TIC 70.45 73 P 52 42.50 0.2
 1.1s 36.50nm 5.4mb
 KIC 70.56 74 Pc 52 42.96 0.0
 1.0s 39.50nm 5.4mb
 CBM 70.60 2 eP 52 42.39 -0.1
 EEO 70.74 354 eP 52 46.00 2.6X
 GOL 71.34 332 P 53 00.00 12.5X
 Z 20s 0.24um 4.5Msz
 SRU 73.21 328 eP 52 58.27 -0.2
 pP 53 07.97 31km
 RSSD 74.52 335 eP 53 06.07 0.1
 1.1s 13.36nm 4.9mb
 Z 21s 0.08um 4.0Msz
 ISA 74.85 321 eP 53 09.03 1.1
 1.2s 14.58nm 4.9mb
 pP 53 17.54 27km
 BONR 76.38 323 eP 53 17.50 0.7
 ULM 77.32 343 eP 53 24.50 3.1X
 CMB 77.60 322 P 53 30.00 6.7X
 Z 20s 0.15um 4.3Msz
 ORV 79.28 322 ePc 53 32.91 0.5
 pP 53 43.08 32km
 LRM 79.35 331 eP 53 33.50 0.5
 LBFM 80.73 323 eP 53 40.35 0.0
 pP 53 50.25 31km
 MAW 82.31 164 iPd 53 49.40 1.4
 1.1s 30.00nm 5.3mb
 SES 82.39 335 eP 53 48.00 -0.6
 pP 53 58.00 32km
 DPW 83.49 330 eP 53 54.41 0.1
 pP 54 04.13 31km
 EVAL 85.46 45 iPc 54 06.50 2.1
 EJIF 85.67 47 eP 54 09.00 3.5X
 EPRU 86.12 47 eP 54 09.00 1.3
 EHOR 86.58 46 eP 54 11.30 1.4

BCAO 90.64 85 iPc 54 31.00 1.2
 1.3s 36.00nm 5.5mb
 id 58 08.00
 YKA 93.12 341 eP 54 39.20 -0.8
 1.0s 5.40nm 4.9mb
 ASPA 127.16 208 ePKP 00 30.30 -1.7
 0.6s 6.40nm
 i 00 41.80
 WB2 130.20 211 ePKP 00 37.50 -0.3
 0.7s 3.60nm
 i 00 48.10
 WRA 130.21 211 PKP 00 38.00 0.2
 0.7s 1.60nm
 POO 146.14 92 iPKPd 01 11.50 4.6X
 GBA 147.76 103 PKP 01 12.90 3.4X
 HYB 150.11 97 ePKP 01 18.50 5.4X
 1.2s 71.00nm
 NDI 150.50 74 iPKPc 01 20.00 6.6X
 0.7s 20.55nm
 IRK 151.45 7 ePKP 01 15.10 1.0
 e 01 20.80
 e 01 29.00
 e 01 39.70
 KKN 157.65 75 PKP 01 41.60 18.0X
 S.D. = 1.2 on 41 of 59 obs.
 ? NOV 03, 1992 16h 25m 33.90 ± 2.74s
 34.485 S ± 12.9km 179.233 W ± 29.2km
 DEPTH = 33.0km (normal)
 3.9mb (2 obs.)
 SOUTH OF KERMADEC ISLANDS (179)
 HBZ 3.69 212 eP 26 30.50 0.5
 NOZ 4.67 207 eP 26 44.10 0.2
 KUZ 4.69 240 eP 26 44.90 0.7
 URZ 4.78 217 eP 26 44.40 -1.1
 eS 27 30.90
 WCZ 5.45 253 eP 26 54.60 -0.4
 WB2 43.37 277 iPc 33 34.80 -0.2
 0.5s 3.10nm 4.3mb
 WRA 43.38 277 P 33 35.30 0.2
 0.7s 0.70nm 3.5mb
 S.D. = 0.7 on 7 of 7 obs.
 * NOV 03, 1992 16h 30m 49.56 ± 0.89s
 66.930 N ± 9.6km 20.930 E ± 13.5km
 DEPTH = 10.0km (geophysicist)
 SWEDEN (536)
 MD 3.6 (BER).
 KTK1 2.26 22 eP 31 28.02 0.4
 eSg 31 58.54
 LOF 3.08 296 eP 31 39.05 -0.1
 ARA0 3.12 31 Pn 31 39.29 -0.4
 Sg 32 21.19
 NRA0 7.47 218 Pn 32 40.91 -0.2
 HFS 7.54 209 eP 32 42.30 0.2
 0.1s 0.80nm 4.8mb
 S.D. = 0.5 on 5 of 5 obs.
 * NOV 03, 1992 17h 06m 00.97 ± 1.02s
 17.014 N ± 10.5km 98.482 W ± 7.2km
 DEPTH = 66.0 ± 11.6 km
 4.5mb (1 obs.)
 GUERRERO, MEXICO (59)
 ACX 1.32 264 iPd 06 23.44 -0.4
 iS 06 37.21
 III 1.65 325 ePd 06 28.95 0.5
 (S) 06 55.50
 OXX 1.68 87 iPd 06 29.27 0.3
 iS 06 50.00
 IIT 2.00 5 iP 06 33.30 -0.1
 (S) 06 46.00
 TPM 2.03 344 (P) 06 32.75 -1.0
 PPM 2.05 356 iP 06 34.39 0.1
 iS 06 58.00
 IISM 2.23 28 eP 06 35.93 -0.3
 UNM 2.40 344 (P) 06 41.50 2.5X
 iS 07 08.00
 MRX 3.71 317 iP 06 58.02 0.9
 iS 07 38.00
 SCX 5.61 92 (P) 07 57.70 34.0X
 (S) 08 08.50
 UYO 17.46 11 iPd 10 01.90 0.4
 LRM 31.00 341 eP 12 26.10 11.5X
 YKA 46.82 350 eP 14 25.30 -0.3

0.8s 4.90nm 4.5mb
 S.D. = 0.7 on 10 of 13 obs.
 NOV 03, 1992 17h 31m 23.76 ± 0.50s
 35.328 N ± 5.6km 123.312 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 4.8mb (21 obs.)
 YELLOW SEA (665)
 ML 5.0 (BJI).
 DL2 3.82 340 Pnd 32 23.40 -0.4
 Pg 32 35.00
 Sg 33 24.50
 SSE 4.58 203 Pnc 32 34.00 -0.7
 pP 32 36.50
 NJ2 4.95 230 Pnd 32 38.60 -1.3
 N 10s 7.06um
 Pgc 32 55.60
 Sn 33 34.00
 Sg 33 56.00
 TIA 5.11 282 ePn 32 42.00 -0.1
 Sg 34 02.00
 SNY 6.49 2 Pn 33 00.80 -0.9
 Sg 34 51.00
 SHNJ 6.53 98 P 33 01.30 -0.9
 S 34 46.80
 KUMJ 6.84 112 eP 33 32.20 25.6X
 S 35 01.80
 BJI 7.36 312 ePn 33 12.00 -1.8
 Z 16s 2.04um
 eSn 34 33.50
 eSg 35 14.00
 CN2 8.62 10 Pd 33 30.00 -1.4
 0.6s 22.00nm 5.6mb
 Z 10s 1.60um 4.3MszX
 N 10s 3.09um
 E 10s 7.17um
 eP 33 34.00
 eS 35 11.00
 WHN 8.91 240 eP 33 33.50 -2.0
 Z 10s 2.53um
 pP 33 38.00
 TIY 9.07 288 Pd 33 36.50 -1.3
 Z 16s 3.45um
 MDJ 10.45 26 eP 33 58.50 1.9
 HHC 10.77 304 Pd 34 04.40 3.2X
 1.2s 32.00nm 5.6mb
 Z 16s 2.37um
 N 10s 1.11um
 E 11s 2.14um
 S 36 02.00
 BTO 11.73 301 eP 34 11.00 -3.3X
 N 14s 2.24um
 E 12s 2.18um
 eS 36 27.00
 XAN 11.92 268 P 34 15.20 -1.5
 0.6s 7.00nm 5.1mb
 Z 22s 1.56um 4.9Msz
 N 10s 1.24um
 eS 36 24.00
 LZH 15.84 278 eP 35 11.00 2.5
 1.5s 51.00nm 4.5mb
 Z 17s 1.03um 5.8MszX
 GYA 16.79 243 iPc 35 21.60 1.0
 1.0s 44.00nm 4.5mb
 Z 12s 1.13um
 N 11s 0.84um
 E 11s 0.74um
 CD2 16.96 260 P 35 22.00 -0.7
 1.0s 150.00nm 5.1mb
 Z 11s 1.40um
 N 15s 3.30um
 CIT 18.06 340 eP 35 37.00 0.8
 GTA 19.10 289 eP 35 49.50 0.3
 1.0s 10.00nm 4.0mb
 KMI 20.44 246 Pc 36 04.50 0.3
 1.0s 40.00nm 4.7mb
 Z 12s 1.10um 4.4MszX
 sP 36 12.50
 ZAK 20.92 322 iPc 36 08.80 0.1
 0.8s 42.00nm 4.9mb
 eS 40 10.00
 IRK 21.68 327 eP 36 17.00 0.5
 1.0s 43.00nm 4.8mb
 e 36 30.00
 e 36 43.50
 UER 26.47 317 eP 37 05.00 2.4

03d 17h

YAK 0.8s 8.00nm 4.5mb
27.02 7 eP 37 06.70 -0.8
1.2s 25.00nm 4.8mb
N 16s 0.90um
E 15s 3.80um
CHG 27.12 239 eP 37 09.50 0.7
1.1s 28.48nm 4.9mb
LSA 27.62 267 eP 37 14.50 0.6
GUN 32.58 267 P 37 57.90 0.1
PKI 33.09 267 P 38 01.66 -0.6
KKN 33.11 268 P 38 03.16 0.8
GKN 33.56 268 P 38 11.58 5.4X
PRZ 35.34 295 (P) 38 22.00 0.7
TIK 36.49 3 iPd 38 31.00 0.6
1.0s 18.00nm 4.8mb
Z 14s 1.10um 4.8mszx
KSH 37.49 291 eP 38 41.00 1.5
E 13s 1.94um
NRI 39.21 341 eP 38 53.00 -0.3
1.5s 13.00nm 4.4mb
e 39 03.00
e 40 31.00

BRVK 40.90 313 iPc 39 08.00 0.5
1.0s 49.00nm 5.2mb
Z 16s 0.67um 4.6mszx
N 16s 0.25um
E 16s 0.50um

GBA 46.52 254 P 39 54.00 0.7
SVE 46.59 318 iPd 39 54.00 0.6
Z 14s 1.00um 4.9mszx
N 14s 0.30um
E 14s 0.60um

MAIO 50.89 291 eP 40 29.00 1.9
WRA 55.96 167 P 41 06.10 1.6
0.7s 0.50nm 3.7mb X

KIV 60.37 305 iPc 41 35.00 -0.4
KAF 62.54 328 iP 41 48.00 -1.6
0.7s 7.70nm 5.0mb

NUR 63.94 327 eP 41 58.00 -0.8
0.6s 8.00nm 5.1mb
NB2 69.32 331 P 42 31.10 -2.0
0.7s 2.50nm 4.5mb

OJC 71.43 319 eP 42 46.70 0.7
i 42 48.00
YKA 72.05 24 eP 42 49.70 0.2
0.8s 2.70nm 4.4mb

CLL 74.34 322 e(P) 43 02.00 -1.0
GEC2 75.47 320 eP 43 09.30 -0.5
1.1s 1.52nm 4.0mb

S.D. = 1.2 on 44 of 48 obs.

* NOV 03, 1992 19h 00m 11.89± 0.83s
45.656 N ± 7.9km 26.428 E ± 6.6km
DEPTH = 10.0km (geophysicist)

ROMANIA (358)

VR1 0.30 44 iPc 00 17.20 -0.9
MLR 0.38 244 iPd 00 18.00 -1.7
BRD 0.46 107 ePc 00 21.50 0.3

ISR 0.52 171 iPc 00 22.50 0.0
CMP 1.05 249 ePc 00 44.00 12.2X
CLI 1.07 33 ePd 00 32.50 0.4

CFR 1.30 111 eP 00 36.00 0.0
COZ 1.51 258 eP 00 41.00 1.9

S.D. = 1.4 on 7 of 8 obs.

* NOV 03, 1992 19h 38m 48.51± 1.21s
50.344 N ± 19.9km 18.909 E ± 7.8km
DEPTH = 10.0km (geophysicist)

POLAND (548)

ML 2.7 (WAR).

OJC 0.58 102 iPg 39 00.20 -0.1
iSg 39 08.50

SPC 1.45 143 iPn 39 15.10 0.2
e(Sg) 39 34.30
i 39 36.30
Lg 39 37.50

KSP 1.74 288 ePn 39 18.80 -0.1
iPg 39 21.40
iS 39 44.80

VRAC 1.82 236 ePn 39 20.40 0.3
0.4s 34.30nm
eSn 39 42.90

ZST 2.45 210 eP 40 01.80 32.6X
SRO 2.56 189 eP 39 47.00 16.2X
e 40 19.40

PRU 2.83 264 eP 39 36.00 1.4
e 39 40.70
Sg 40 16.80

BRG 3.21 281 ePg 39 50.00 10.1X
iSg 40 29.00

KHC 3.66 253 eP 39 44.80 -1.7
Pg 39 55.50
Sg 40 42.50

GEC2 3.70 248 Pg 39 54.00 6.9X
Sg 40 41.80

S.D. = 1.3 on 6 of 10 obs.

* NOV 03, 1992 22h 01m 43.44± 0.42s
6.262 S ± 9.5km 103.551 E ± 12.8km
DEPTH = 33.0km (normal)

4.9mb (9 obs.)

SOUTHWEST OF SUMATERA, INDONESIA(273)

KGM 8.23 358 eP 03 45.00 1.5
TRT 9.13 100 iPc 03 41.00 -15.0X

IPM 11.06 347 eP 04 23.90 1.4
NANU 19.90 146 eP 06 16.00 0.8
eS 09 40.00

MBL 21.63 135 eP 06 33.00 0.0
GBA 32.59 307 P 08 15.00 0.8

WB2 32.86 117 iPc 08 15.80 -0.8
1.0s 8.60nm 4.6mb
ASPA 33.92 124 eP 08 25.80 -0.1
1.2s 6.80nm 4.5mb

PKI 37.93 333 P 08 58.80 -1.3
GUN 38.02 334 P 09 00.36 -0.5
0.5s 61.00nm 5.8mb

DMN 38.10 333 P 09 00.96 -0.5
KKN 38.18 333 P 09 01.48 -0.6
GKN 38.65 333 P 09 05.36 -0.6

0.3s 31.00nm 5.6mb
NDI 43.02 325 iPd 09 42.00 0.3
0.6s 24.00nm 5.1mb

STK 43.70 131 iPd 09 48.10 0.9
0.8s 6.30nm 4.4mb
BJI 47.52 13 eP 10 16.50 -1.0

OBN 82.24 328 eP 14 01.00 -1.6
VRI 85.37 317 eP 14 18.00 -0.7
BCAO 85.54 275 iPc 14 21.50 1.2

1.3s 16.00nm 5.1mb
id 14 35.00
MLR 85.81 316 ePc 14 22.50 1.4
e 42 47.00

KAF 89.57 333 eP 14 38.70 0.0
0.6s 5.60nm 5.0mb
GEC2 94.57 318 eP 15 02.20 0.0
1.3s 1.82nm 4.4mb

e 15 13.90
e 15 18.70
BAO 144.39 232 PKPc 21 18.70 -0.4
e 21 20.60
e 21 22.20
e 21 34.60
e 21 35.50

LPB 155.89 200 ePKP 21 39.00 2.2X
S.D. = 1.0 on 22 of 24 obs.

* NOV 03, 1992 23h 07m 29.60± 0.39s
6.897 N ± 5.2km 76.787 W ± 7.9km
DEPTH = 12.8km (3 depth phases)

4.5mb (7 obs.)

NORTHERN COLOMBIA (99)

HOBC 2.61 166 iPc 08 10.71 -1.6
CLMC 3.00 176 iPc 08 17.59 -0.3

AZUC 3.25 168 iPd 08 21.16 -0.5
ANCC 3.36 181 iPc 08 22.44 -0.5
HOQC 3.41 177 iPc 08 23.00 -0.8

BOG 3.53 130 iPc 08 31.00 5.5X
iS 09 19.00
SILC 4.20 174 iPc 08 35.97 0.7
PURC 4.56 175 eP 08 42.14 1.7

PSO 5.69 185 eP 09 02.50 6.2X
SDV 6.41 72 iPnd 09 08.10 1.9
iSn 10 21.90

TOV 7.49 67 ePc 09 21.60 0.3
iPP 09 22.30
iS 10 45.00

CEOS 8.64 75 iPd 09 36.00 -1.3
eS 11 11.20

GUAN 11.43 74 iPc 10 13.10 -2.7

LPB 24.82 160 eS 12 12.60
eP 12 54.00 0.6
e 20 50.00

OLY 31.50 337 eP 13 52.90 -0.6
FVM 33.33 340 eP 14 08.81 -0.6
0.9s 27.68nm 5.2mb

i 14 22.65 54kmX
BAO 36.26 128 e(P) 14 37.00 2.1
e 14 39.80 9km
e 14 41.50
e 14 43.30
e 14 44.20

ALO 39.04 320 eP 14 58.61 0.5
0.8s 3.68nm 4.1mb

PDCR 42.12 117 eP 15 27.50 4.0X
BW06 45.94 326 eP 15 54.00 -0.3
1.3s 6.83nm 4.5mb

ULM 46.07 343 eP 15 57.50 2.6
LRM 49.51 328 eP 16 22.20 0.0
NEW 53.52 327 eP 16 51.50 -0.7

0.8s 8.33nm 4.8mb
DPW 53.88 327 eP 16 54.45 -0.3
YKA 61.98 341 eP 17 49.50 -2.0
0.6s 5.90nm 4.9mb

KIC 71.50 86 (P) 18 52.00 -0.7
MBC 73.09 350 ePd 19 00.30 -0.7
0.7s 2.00nm 4.3mb

CKN 76.97 331 eP 19 23.86 0.4
KHC 85.08 41 eP 20 08.50 2.0
e 20 12.50 13km
e 20 24.50

GEC2 85.18 42 ePc 20 07.60 0.5
1.1s 1.77nm 4.2mb
epPc 20 12.80 16km
e 20 15.70
e 20 25.30
e 20 32.20

BCAO 94.74 85 iPd 21 03.50 10.7X
1.2s 7.00nm

ASPA 146.15 237 iPKPc 27 10.70 -0.4
0.7s 7.40nm

WB2 147.13 244 iPKPc 27 11.40 -1.3
0.7s 6.10nm

WRA 147.14 244 PKP 27 12.90 0.2
0.6s 1.70nm

GBA 147.29 51 PKP 27 15.20 2.2
S.D. = 1.3 on 31 of 35 obs.

* NOV 04, 1992 00h 08m 23.63± 1.05s
37.196 N ± 11.8km 31.483 E ± 14.7km
DEPTH = 33.0km (normal)

(366)

TURKEY

MD 3.5 (ISK). ML 3.1 (CSS).

BCK 0.76 291 iPg 08 39.70 1.7
eSg 08 52.00

ELL 1.34 251 iPn 08 46.00 -0.3
KHL 1.92 307 iPn 08 53.50 -1.2
ALT 2.15 330 ePn 08 58.70 0.8

PPCY 2.41 163 eP 09 01.00 -0.6
eS 09 28.00

CSS 2.69 146 eP 09 06.00 0.5
eS 09 37.70

CIN 2.73 280 eP 09 03.00 -3.1X
DST 3.29 318 ePn 09 13.00 -1.1

S.D. = 1.3 on 7 of 8 obs.

* NOV 04, 1992 00h 21m 04.17± 1.08s
7.264 S ± 15.1km 122.937 E ± 13.0km
4.4mb (2 obs.)

FLORES SEA (279)

KHKI 7.34 261 ePc 22 56.00 0.0
e 23 49.30

MTN 9.79 125 eP 23 20.50 -0.2
0.4s 29.00nm 5.0mb X

WB2 16.78 140 eP 24 30.70 -0.2
0.4s 7.00nm 4.6mb

NANU 16.80 204 eP 24 31.00 -0.1
ASPA 19.41 148 eP 24 56.90 0.7
0.7s 3.80nm 4.1mb

CHG 35.09 318 eP 27 14.80 1.3
GUN 50.05 316 P 29 11.20 -0.3

PKI 50.16 315 P 29 11.60 -0.7
KKN 50.39 315 P 29 14.00 0.2

DMN 50.40 315 P 29 14.20 0.3

GKN 50.97 315 P 29 17.20 -0.8
S.D. = 0.7 on 11 of 11 obs.

* NOV 04, 1992 00h 50m 36.96 ± 1.97s
11.245 N ± 11.1 km 86.534 W ± 8.4 km
DEPTH = 81.4 ± 18.7 km
4.5mb (12 obs.)

NEAR COAST OF NICARAGUA (74)

PPM 14.02 305 (P) 53 52.70 -1.0
TPM 14.33 304 (P) 53 55.00 -2.4
SDV 15.83 97 eP 54 16.70 0.1
MRX 16.43 303 (P) 54 26.00 2.0
TOV 16.52 93 ePc 54 26.00 0.8
PRM 23.05 9 eP 55 37.74 1.8
JSC 23.43 11 eP 55 41.49 1.9
LHS 23.71 12 eP 55 43.86 1.5
MIAR 24.07 346 eP 55 44.52 -1.3
0.6s 20.08nm 4.7mb
CEH 25.45 14 iPd 56 00.13 1.3
FNO 25.86 339 iPd 56 01.60 -1.1
MEO 25.88 337 iPc 56 02.10 -0.8
TUL 25.95 343 eP 56 02.60 -0.9
0.9s 49.20nm 5.0mb
Z 22s 0.48um 4.0Msz

LNO 25.95 343 eP 56 02.20 -1.2
RLO 25.97 344 eP 56 02.50 -1.2
ELC 26.04 355 eP 56 03.24 -1.1
NAV 26.47 10 eP 56 08.59 0.3
FVM 26.85 353 (P) 56 11.42 -0.3
ALO 29.75 326 ePd 56 37.62 -0.5
0.8s 7.95nm 4.5mb

TUC 30.63 317 eP 56 45.82 0.1
1.3s 8.73nm 4.3mb
JFWS 31.72 355 eP 56 53.02 -2.0
0.8s 31.70nm 5.2mb
TYNO 32.26 9 P 56 59.45 -0.3
ACTO 32.73 9 P 57 03.58 -0.3
GOL 32.90 333 eP 57 05.10 -0.6
0.7s 6.40nm 4.6mb

LPB 33.08 146 eP 57 10.00 2.4
Z 18s 1.37um 4.7Msz
WLVO 33.31 11 P 57 08.64 -0.2
PV10 33.68 327 eP 57 12.39 -0.1
RSNY 34.76 15 eP 57 20.95 -0.4
0.9s 13.22nm 4.9mb

SRU 35.01 327 eP 57 23.72 -0.1
MSU 35.51 324 eP 57 28.66 0.5
0.9s 5.29nm 4.5mb
EMUT 35.67 327 eP 57 29.26 -0.2
ARUT 35.77 322 (P) 57 32.35 2.1
EEO 35.84 9 eP 57 32.50 2.0
RSSD 36.07 338 eP 57 34.48 1.7
0.6s 3.57nm 4.5mb

DAU 36.34 327 eP 57 35.27 0.1
DUG 37.03 326 eP 57 41.40 0.7
0.9s 5.29nm 4.5mb
BW06 37.26 332 eP 57 41.50 -1.3
0.9s 4.52nm 4.4mb

HVU 38.12 328 eP 57 50.53 0.6
BONR 38.92 319 eP 57 58.50 1.6
HHA1 39.01 330 (P) 57 57.39 0.1
LMN 39.15 24 eP 58 01.00 2.8
ULM 39.64 351 eP 58 03.50 1.2
LRM 40.93 332 eP 58 13.10 -0.1
ORV 41.89 318 eP 58 23.19 2.3
JAO 43.32 9 eP 58 30.00 -2.3
SES 43.93 337 eP 58 37.00 -0.4
NEW 44.89 331 eP 58 44.40 -0.7
1.0s 5.50nm 4.3mb

VGB 44.93 326 eP 58 46.89 1.4
DPW 45.14 330 eP 58 46.67 -0.4
BAO 46.57 124 Pc 58 56.60 -2.3
e 58 58.10
e 59 01.20
e 59 03.30
e 59 08.10
YKA 55.00 345 eP 59 59.70 -2.2
1.0s 5.00nm 4.5mb

MBC 67.33 352 eP 01 23.50 -1.4
TIC 80.44 85 PKP 02 40.70 -1.2
LIC 80.51 86 PKP 02 40.30 -1.9
KIC 80.76 85 PKP 02 41.40 -2.2

ADK 81.35 321 eP 02 46.97 1.1
1.0s 93.13nm 5.6mb X

LZH 131.92 349 ePKP 09 38.50 -4.7X
1.5s 30.00nm
WB2 139.77 252 ePKP 10 00.70 2.6X
0.7s 2.50nm

WRA 139.78 252 PKP 09 55.00 -3.2X
0.9s 0.30nm

CHG 149.65 350 ePKP 10 15.90 1.2
LOE 150.38 344 ePKP 10 22.10 6.3X
GBA 150.63 33 PKP 10 17.20 1.0

S.D. = 1.4 on 58 of 62 obs.

NOV 04, 1992 01h 59m 26.90 ± 0.19s
61.542 S ± 4.2km 154.573 E ± 5.5km
DEPTH = 10.0km (geophysicist)
5.6mb (22 obs.) 6.2Msz (34 obs.)

BALLENY ISLANDS REGION (702)

Mo=5.0*10**18 Nm (PPT).

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 40S, 99C M.W.: 33S, 70C

Centroid Location:

Origin Time 01:59:34.3 0.1

Lat 61.62S 0.01 Lon 154.41E 0.02

Dep 15.0 FIX Half-duration 4.0

Moment Tensor: Scale 10**18 Nm

Mrr=-0.54 0.03 Mtt= 4.12 0.04

Mff=-3.59 0.03 Mrt= 0.47 0.14

Mrf=-0.43 0.13 Mtf=-3.12 0.03

Principal Axes:

T Vol= 5.29 Plg= 6 Azm= 20

N -0.58 83 169

P -4.71 3 289

Best Double Couple: Mo=5.0*10**18

NP1:Strike= 64 Dip=83 Slip= 178

NP2: 155 88 7

MCO 7.44 20 eP 01 12.50 -5.4X

DRV 8.17 225 eP 01 25.10 -3.2X

SIZ 16.64 34 eP 03 20.80 -0.6

TUZ 17.90 36 eP 03 37.60 0.4

1.6s 1270.00nm 5.8mb

TLC 18.45 34 eP 03 44.90 0.8

CMCZ 18.54 34 eP 03 45.50 0.3

LSCZ 18.60 35 eP 03 45.60 -0.3

SBCC 18.60 34 eP 03 45.50 -0.5

MMCZ 18.64 34 eP 03 46.60 0.2

LRCZ 18.64 34 eP 03 46.50 0.0

ODZ 19.02 37 eP 03 50.60 -0.4

CSY 19.60 237 eP 03 58.70 1.0

0.6s 47.30nm 5.0mb

LMZ 19.87 33 eP 04 01.30 0.6

MOZ 20.83 39 eP 04 09.50 -1.2

KHZ 22.27 39 eP 04 20.40 -4.9X

DSZ 22.38 36 eP 04 25.90 -0.6

THZ 22.68 38 eP 04 30.40 1.0

QRZ 23.44 36 eP 04 33.20 -3.6X

SNZO 23.64 40 P 04 26.20 -12.4X

BLW 23.83 42 eP 04 40.40 -0.1

CAW 23.94 41 eP 04 43.10 1.5

MNG 24.51 41 eP 04 48.90 1.7

TOO 24.66 343 iPd 04 49.00 0.4

0.4s 69.00nm 5.7mb

BFD 25.53 337 eP 04 57.10 0.2

0.9s 52.00nm 5.2mb

CNB 26.46 350 eP 05 05.00 -0.6

0.9s 79.00nm 5.4mb

CAN 26.48 350 eP 05 05.40 -0.4

i 05 08.20

BWA 27.42 349 eP 05 12.40 -2.0

i 05 15.60

RIV 27.82 354 iPd 05 07.40 -10.5X

Z 18s 38.63um 6.0Msz

ADE 28.45 332 e(P) 05 18.90 -4.8X

SPA 28.62 180 iPc 05 24.00 -1.2

2.2s 2437.50nm 6.6mb

Z 18s 6.90um 5.3Msz

STK 30.86 338 iPc 05 44.40 -0.7

0.8s 31.20nm 5.2mb

eS 10 59.20

ARMA 31.19 355 eP 05 47.70 -0.5

1.0s 64.00nm 5.5mb

BRS 34.17 357 eP 06 13.50 -0.6

i 06 16.00

RMQ 35.27 351 iPc 06 22.70 -0.8

0.9s 206.00nm 6.0mb

i 08 55.30
OLP 35.64 344 eP 06 28.00 2.2
0.4s 114.00nm 6.1mb

RKG 35.99 301 eP 06 28.00 -1.5
MAW 36.36 220 iPd 06 32.40 0.2

1.0s 102.00nm 5.6mb
Z 12s 48.00um 6.5Msz

ePcP 07 35.00
WARB 40.05 319 eP 07 02.00 -1.6

e 07 05.00
DZM 40.29 17 iPc 07 04.60 -1.1

ASPA 40.42 330 iPc 07 05.30 -1.4
0.9s 72.70nm 5.4mb

Z 21s 37.70um 6.2Msz
eS 12 58.40

CTA 41.82 348 iPc+ 07 18.00 -0.2
2.5s 1111.11nm 6.1mb

e 11 51.00
eS 13 36.00

e 13 42.00
MEEK 42.40 309 eP 07 24.00 1.1

WB2 43.90 332 eP 07 33.00 -2.1
0.7s 41.30nm 5.4mb

i 07 36.40
WRA 43.91 332 P 07 33.50 -1.7

0.6s 15.40nm 5.0mb
NVL 45.42 196 iPc+ 07 44.80 -2.0

2.0s 643.00nm 6.2mb
e 08 36.00

e 09 16.00
eS 14 30.00

PAF 45.98 245 eP 08 04.00 12.6X
eS 14 43.00

eSS 18 04.00
MBL 46.97 313 eP 07 56.50 -3.0X

0.6s 39.00nm 5.7mb
e 07 59.00

NANU 47.25 308 eP 07 58.00 -3.7X
e 08 03.00

MTN 51.50 330 iPd 08 32.80 -1.6
0.8s 151.00nm 6.0mb

e 08 35.50
HNR 52.16 7 eP 08 40.00 0.5

e(S) 16 40.00
RAB 57.24 357 eP 09 16.00 -0.6

WWKK 58.37 347 eP 09 22.30 -2.2
TRT 61.96 311 iPc 09 34.50 -14.6X

0.7s 47.50nm
MKS 61.99 320 ePd 09 52.00 2.7

CGP 73.58 329 eP 11 02.00 0.3
KKM 73.64 320 eP 11 03.50 1.3

GUMO 75.28 350 eP 11 09.50 -1.9
Z 21s 7.37um 6.0Msz

IPM 77.64 305 ePc 11 25.90 1.1
1.0s 47.80nm 5.5mb

RFA 77.87 145 ePd 11 23.70 -2.3
SNG 80.17 305 eP 11 40.00 1.4

1.5s 272.22nm 6.0mb
LPA 80.32 153 eP- 11 41.00 1.9

Z 19s 12.50um 6.3Msz
RTBS 80.51 143 ePc 11 39.70 -0.5

RTCV 80.59 144 iPc 11 39.00 -1.7
MRA 80.84 146 e(P) 11 40.40 -1.5

RTCB 80.86 144 iPc 11 42.70 0.5
CFA 80.91 144 e(P) 11 41.00 -1.4

TCA 82.15 147 iP 11 47.50 -1.4
RTPR 82.62 145 e(P)c 11 50.00 -1.2

CVP 83.18 329 ePd 11 56.00 1.9
CIR 86.03 232 iPd 12 12.00 3.3X

iPd 12 19.00 22kmX
KHT 87.90 307 eP 12 18.00 0.4

NST 88.13 308 eP 12 24.00 5.4X
LOE 89.13 310 eP 12 25.00 1.6

BDT 89.99 308 eP 12 25.80 -1.6
HON 90.87 43 P 12 43.49 12.1X

Z 22s 9.01um 6.2Msz
S 23 39.73

SS 29 59.98
CHG 91.45 309 eP 12 33.00 -1.2

1.5s 59.03nm 5.7mb
LPB 95.14 139 P 12 51.00 -0.9

GBA 95.82 288 P 12 55.20 0.9
KMI 95.87 314 Pc 12 58.50 3.8X

1.8s 40.00nm 5.6mb
N 22s 6.70um

E 18s 15.70um

04d 02h

KHC 155.01 258 ePKP 19 38.60 17.6X
1.1s 8.00nm
Z 18s 7.50um 6.6Msz
N 18s 3.60um
E 18s 3.30um

PRU 155.15 261 ePKP 19 45.50 -2.9X
20 00.00
Z 20s 4.90um 6.3Msz
N 18s 1.40um
E 19s 3.30um

GRF 156.50 256 e(PKP) 19 46.50 9.6X
SS 43 13.00
Z 21s 4.90um 6.3Msz
CLL 156.76 261 ePKP 19 15.00 -7.1X
Z 19s 4.50um 6.3Msz

MOX 156.97 259 ePKP 19 47.00 18.6X
1.7s 64.00nm
Z 22s 6.30um 6.4Msz
N 20s 4.00um

HAU 157.50 248 ePKP 19 55.00 19.2X
1.7s 22.80nm
Z 19s 4.80um 6.3Msz

BGF 157.88 240 ePKP 19 22.40 -1.2
1.6s 47.90nm
SSF 158.01 242 ePKP 19 37.70 13.9X
1.4s 14.40nm

LOR 158.02 243 ePKP 19 37.80 14.0X
1.5s 16.20nm
Z 19s 1.90um 6.0Msz
S.D. = 1.1 on 128 of 250 obs.

NOV 04, 1992 02h 41m 02.22±0.77s
33.248 S ± 6.7km 68.073 W ± 8.3km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ 0.75 299 eP 41 16.20 -0.7
RTCV 1.44 344 iPc 41 28.20 -0.2
S 41 46.50
RFA 1.55 192 ePc 41 30.20 0.2
S 41 51.00

CFA 1.64 355 ePd 41 31.80 0.5
S 41 55.00
RTCB 1.86 341 ePd 41 34.60 0.1
S 41 59.30

RTLL 1.94 350 eP 41 35.50 -0.1
S 42 04.00
RTBS 1.97 323 ePd 41 36.50 0.6
S 42 02.70

RTPR 3.22 25 e(P)c 41 59.00 6.0X
TCA 3.51 58 e(P) 41 57.60 -0.4
(S) 42 51.50
S.D. = 0.5 on 8 of 9 obs.

NOV 04, 1992 03h 35m 12.40±1.19s
28.973 N ± 9.9km 130.732 E ± 7.2km
DEPTH = 20.0 ± 7.3 km
4.4mb (11 obs.)

RYUKYU ISLANDS (238)

KAGJ 2.21 3 iP+ 35 49.30 0.7
S 36 14.40
KUMJ 3.55 1 P 36 08.40 0.7
eS 36 48.40

SHNJ 5.15 3 P 36 29.70 -0.5
MAT 9.82 38 (P) 37 34.00 -1.6
CN2 15.39 345 Pc 38 55.20 5.2X
1.0s 18.00nm 4.3mb
Z 18s 2.19um
N 18s 1.36um
E 18s 0.49um

TIY 17.58 304 eP 39 06.00
Z 22s 4.26um 4.2X
E 20s 2.74um

XAN 19.26 291 eP 39 36.30 -2.2
GYA 21.45 269 P 40 03.20 1.5
0.8s 16.00nm 4.5mb
Z 24s 2.04um 4.4MszX

CD2 23.44 281 eP 40 21.20 -0.1
GTA 27.49 300 eP 41 00.50 1.0
GUN 39.27 280 P 42 42.00 0.0

PKI 39.76 279 P 42 44.40 -1.6
KKN 39.82 280 P 42 46.20 -0.2
DMN 40.01 279 P 42 48.30 0.3
GKN 40.33 280 P 42 51.00 0.5
WRA 48.76 175 P 43 57.20 -0.7
0.6s 1.90nm 4.3mb

ASPA 52.42 176 eP 44 25.90 0.1
0.5s 3.80nm 4.6mb
IMA 58.07 28 eP 45 06.40 0.0
0.7s 1.74nm 4.2mb

FBA 60.58 29 (P) 45 23.70 0.2
HFS 77.42 333 eP 47 07.70 0.3
0.4s 0.90nm 4.1mb
NEW 82.08 39 eP 47 32.79 0.0
0.8s 5.00nm 4.6mb

CLL 83.15 326 eP 47 48.00 9.8X
1.6s 17.00nm 5.0mb
SES 83.97 35 eP 47 42.00 -0.5
GEC2 84.33 324 eP 47 44.50 0.1
0.8s 0.93nm 4.1mb

BW06 89.64 40 eP 48 10.00 -0.5
1.2s 3.20nm 4.5mb
SRU 91.44 43 eP 48 19.07 0.2
RSSD 91.70 36 eP 48 20.79 0.8
0.8s 2.60nm 4.7mb

PV10 92.80 43 eP 48 27.00 1.8
S.D. = 1.0 on 25 of 28 obs.

NOV 04, 1992 03h 56m 00.40±0.91s
50.837 N ± 10.4km 6.122 E ± 4.5km
DEPTH = 24.3 ± 4.7 km
GERMANY (543)
ML 2.6 (LDG), 2.0 (BNS), 2.0 (KOE). MD 2.2 (UCC).

ENN 0.14 241 iPgd 56 05.90 0.6
0.4s 30.00nm
iSg 56 09.00
eRg 56 11.00

KLL 0.23 148 iPgc 56 05.81 -0.5
0.1s *****nm
iSg 56 09.17
iPc 56 06.70 0.2
iS 56 10.65

STB 0.52 118 iPgc 56 10.45 -0.4
0.2s 37.00nm
iSg 56 16.52
iPgc 56 13.24 -0.3

BNS 0.68 79 iPgc 56 13.24 -0.3
0.3s 83.00nm
iSg 56 20.77
iPgd 56 18.95 0.1

BGG 1.00 129 iPgd 56 18.95 0.1
0.2s 80.00nm
iSg 56 31.16
iS 56 20.12 -0.2

KOE 1.10 111 i(P)n 56 20.12 -0.2
0.3s *****nm
eSg 56 33.57
iPd 56 22.54 1.2

WLF 1.17 179 iPd 56 22.54 1.2
iS 56 38.14
iP 56 24.20 2.1
iS 56 40.90

DOU 1.23 233 iP 56 24.20 2.1
iS 56 40.90
WTS 1.24 20 eP 56 25.50 3.3X
0.7s 6.00nm

RUP 1.29 152 ePn 56 23.86 0.9
ABH 1.32 136 ePn 56 24.01 0.6
CDF 2.54 162 Pg 56 47.50 6.4X
Sg 57 18.10

HAU 2.84 177 Pg 56 53.00 7.8X
Sg 57 28.60
LOR 3.87 203 Pn 56 59.70 -0.1
Pg 57 13.60
Sn 57 43.20

LBF 4.11 201 Pn 57 02.20 -1.0
Sg 57 48.80
Sg 58 10.60
SSF 4.15 206 Pn 57 02.60 -1.2
Pg 57 17.40
Sg 58 10.90

SMF 4.46 201 Pn 57 07.10 -1.1
Sg 58 21.60
LDF 4.63 243 Pn 57 10.10 -0.5
FLN 4.75 247 Pn 57 12.20 -0.1
Sg 58 29.10
GRR 5.16 244 Pn 57 17.60 -0.4
Sn 58 14.30
S.D. = 0.9 on 18 of 21 obs.

* NOV 04, 1992 04h 19m 59.31±2.30s
62.042 N ± 22.9km 2.236 E ± 10.3km
DEPTH = 10.0km (geophysicist)
NORWEGIAN SEA (642)
ML 3.2 (BGS). MD 2.8 (BER).

FOO 1.41 107 eP 20 25.87 1.0
eS 20 42.45
SUE 1.56 128 eP 20 27.43 0.3
eS 20 46.30

HYA 2.08 113 eP 20 34.62 0.0
eS 20 59.05
ASK 2.12 136 eP 20 35.43 0.2
eS 21 00.28
EGD 2.29 139 iP 20 37.74 0.0
eS 21 01.65

LRW 2.53 222 eP 20 41.15 0.1
eS 21 09.38
KMY 3.20 151 eP 20 50.03 -0.6
eS 21 25.26
NRA0 4.66 102 Pn 21 10.37 -1.0
Pg 21 17.10
S 22 02.00

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

* NOV 04, 1992 04h 53m 05.06±0.39s
35.788 S ± 9.6km 102.281 W ± 8.8km
DEPTH = 10.0km (geophysicist)
5.0mb (13 obs.) 5.1Msz (15 obs.)
SOUTHERN PACIFIC OCEAN (692)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 35S, 75C
Centroid Location:
Origin Time 04:53:10.3 0.2
Lat 36.18S 0.03 Lon 102.06W 0.04
Dep 15.0 FIX Half-duration 2.0
Moment Tensor: Scale 10**17 Nm
Mrr=0.06 0.14 Mtt=-2.01 0.17
Mff=1.95 0.19 Mrt=0.02 0.43
Mrf=-2.23 0.53 Mtf=-6.08 0.16

Principal Axes:
T Val=6.85 Plg=15 Azm=56
N -0.18 71 197
P -6.68 11 322
Best Double Couple: Mo=6.8*10**17
NP1: Strike=98 Dip=71 Slip=177
NP2: 189 87 19

TLL 26.92 87 iPc 58 48.50 -0.1
RFA 27.55 98 eP 58 54.30 0.3
MDZ 27.68 94 i(P) 58 56.20 0.9
MRA 30.36 94 e(P) 59 19.00 -0.2

TCA 31.59 93 iP 59 28.60 -1.5
LPB 35.93 67 P 00 07.00 -1.1
PSO 43.54 38 eP 01 11.50 0.4
BOG 48.12 39 eP 01 48.00 0.4
eS 08 46.00

VAO 49.27 91 eP 01 54.90 -1.2
BAO 52.18 82 Pc 02 17.60 -0.8
e 02 20.20
e 02 28.10
e 02 32.40

SPA 54.39 180 iPc 02 33.50 -0.8
0.8s 4.58nm 4.6mb
PDCR 61.05 85 eP 03 20.30 -1.3
e 03 29.30

NVL 63.95 160 eP 03 37.00 -3.1X
1.6s 39.00nm 5.3mb
Z 20s 4.00um 5.6Msz
N 18s 2.00um

e 04 05.00
e 04 11.00
TUC 68.21 352 eP 04 07.37 -0.4
1.3s 13.68nm 5.0mb
Z 19s 0.47um 4.7Msz

UYO 69.98 7 iPc 04 20.30 1.8
ALO 70.47 356 eP 04 20.42 -1.4
1.4s 14.39nm 4.9mb
Z 20s 1.17um 5.1Msz

OLY 71.64 9 eP 04 29.06 0.5
JSC 72.42 18 eP 04 32.38 -0.8
BCH 72.53 345 (P) 04 34.85 0.8
ISA 72.67 346 P 04 40.00 5.2X

Z 20s 0.71um 4.9Msz
LHS 72.72 18 (P) 04 34.84 -0.2

04d 05h

FVM 74.22 10 eP 04 42.35 -1.3
 1.0s 29.28nm 5.3mb
 Z 20s 0.99um 5.1Msz
 MSU 74.50 352 eP 04 44.45 -1.1
 CEH 74.51 19 P 04 50.00 4.6X
 Z 19s 0.61um 4.9Msz
 BONR 74.86 347 (P) 04 47.73 0.0
 SRU 74.92 353 eP 04 47.30 -0.6
 ARN 74.93 344 eP 04 48.40 0.6
 GOL 75.17 358 P 05 00.00 10.6X
 Z 21s 1.16um 5.2Msz
 CMB 75.34 345 eP 04 49.34 -0.9
 0.9s 10.01nm 4.9mb
 Z 21s 1.06um 5.1Msz
 DUG 76.23 352 eP 04 53.48 -1.8
 1.1s 6.97nm 4.7mb
 DAW 76.28 353 eP 04 55.17 -0.6
 MAW 76.31 174 eP 05 02.00 6.7X
 1.0s 17.00nm 5.1mb
 ORV 77.04 345 eP 05 00.42 0.7
 CBN 77.15 20 eP 04 57.00 -3.3X
 HON 77.50 308 P 05 10.00 7.5X
 Z 21s 0.86um 5.0Msz
 WDC 78.25 344 eP 05 05.65 -0.6
 1.2s 31.53nm 5.3mb
 Z 19s 0.71um 5.0Msz
 BW06 78.47 355 eP 05 06.50 -1.3
 1.4s 28.60nm 5.1mb
 LBFM 78.84 345 eP 05 09.21 -0.6
 RSSD 79.55 359 eP 05 13.46 -0.1
 0.7s 4.24nm 4.5mb
 LRM 81.75 353 eP 05 32.60 7.4X
 HRV 82.82 22 P 05 40.00 9.5X
 Z 21s 2.00um 5.5Msz
 TOO 83.74 228 eP 05 33.10 -2.6
 RSNY 83.83 20 eP 05 34.43 -1.3
 0.9s 22.98nm 5.4mb
 Z 21s 1.29um 5.3Msz
 LON 84.02 347 eP 05 35.84 -0.8
 DPW 84.49 349 eP 05 39.81 0.8
 EEO 84.67 16 eP 05 49.50 9.7X
 NEW 84.72 350 eP 05 40.00 -0.1
 1.0s 12.50nm 5.1mb
 SES 86.16 354 eP 05 50.00 2.8
 LMN 88.02 25 eP 05 58.50 2.2
 SIT 96.62 343 P 06 50.00 14.3X
 Z 20s 1.23um 5.4Msz
 WRA 102.91 234 Pdiff 07 17.40 12.4X
 0.9s 0.60nm
 PMR 104.20 339 Pdiff 07 20.00 10.2X
 Z 20s 0.84um 5.3Msz
 BAO 117.39 105 iPKPd 11 54.00 0.9
 0.9s 5.00nm
 EPF 121.74 57 ePKP 12 01.80 1.2
 0.7s 3.00nm
 GRR 122.77 51 ePKP 12 03.20 1.0
 0.8s 5.90nm
 FLN 123.13 51 ePKP 12 04.50 1.6
 0.7s 4.20nm
 TCF 124.09 54 ePKP 12 07.20 2.2X
 1.2s 11.60nm
 AVF 125.00 54 ePKP 12 07.80 1.2
 0.7s 2.45nm
 SMF 125.28 54 ePKP 12 08.60 1.4
 0.8s 4.45nm
 LBF 125.46 54 ePKP 12 08.20 0.6
 1.0s 6.20nm
 LPL 126.89 56 ePKP 12 13.00 2.3X
 1.0s 7.20nm
 LPG 126.89 56 ePKP 12 12.20 1.4
 0.9s 4.10nm
 BSF 127.53 53 ePKP 12 13.10 1.4
 KHC 132.22 53 ePKP 12 20.50 0.1
 GEC2 132.25 53 ePKP 12 21.50 0.9
 0.9s 2.62nm
 e 12 27.20
 e 12 32.30
 e 12 39.60
 e 12 46.70
 TIK 135.55 339 ePKP 12 35.00 9.0X
 Z 20s 0.40um 5.1Msz
 YAK 138.55 326 ePKP 12 47.50 15.6X
 1.2s 30.00nm
 MBH 143.70 87 ePKP 12 37.30 -4.9X
 CSS 144.03 78 ePKP 12 42.60 0.1
 DSI 144.72 84 ePKP 12 40.40 -3.3X
 MASJ 145.04 84 PKPd 12 44.70 0.3

MMR 145.18 82 ePKP 12 41.80 -2.8X
 JARJ 145.38 84 PKP 12 45.70 0.7
 KAS 145.47 67 ePKP 12 45.00 0.2
 NRI 145.85 353 ePKPc 12 44.00 -0.5
 1.6s 189.00nm
 OBN 145.94 42 iPKPc 12 45.00 0.0
 MOS 146.30 41 ePKP 12 46.00 0.4
 BJI 149.53 290 ePKP 12 58.00 6.8X
 Z 28s 0.69um 5.3MszX
 CIT 149.87 314 ePKP 12 54.20 2.7X
 NST 151.68 231 ePKP 13 12.00 16.9X
 KIV 152.07 62 (PKP) 13 02.00 6.9X
 CHG 154.76 234 ePKP 13 17.50 18.1X
 GRS 154.94 72 ePKP 13 03.00 3.8X
 ARU 155.65 26 ePKP 13 13.00 13.6X
 e 13 23.00
 SVE 156.02 23 ePKPd 12 58.80 -1.1
 ZAK 156.46 316 ePKP 13 16.80 16.1X
 1.9s 35.00nm
 ELT 161.53 344 ePKP 13 26.00 19.8X
 2.2s 32.00nm
 BRVK 161.95 15 iPKP 13 17.00 10.3X
 1.7s 12.00nm
 MAIO 165.24 83 ePKP 13 10.00 -0.5
 KKN 169.76 221 PKP 13 09.00 -5.1X
 S.D. = 1.1 on 59 of 90 obs.
 * NOV 04, 1992 05h 28m 38.27±0.63s
 0.131 S ±14.2km 17.175 W ±13.4km
 DEPTH = 10.0km (geophysicist)
 4.8mb (18 obs.) 4.6Msz (3 obs.)
 NORTH OF ASCENSION ISLAND (407)
 LIC 13.67 62 P 31 52.66 -2.0
 0.5s 6.50nm 4.8mb
 S 34 17.00
 TIC 13.87 61 P 31 55.86 -1.5
 0.3s 9.00nm 5.0mb
 S 34 24.00
 eTT 42 05.00
 KIC 13.98 62 P 31 58.32 -0.5
 0.4s 14.50nm 5.2mb
 S 34 26.00
 MBO 14.43 1 eP 32 00.50 -4.1X
 iS 34 29.00
 PDCR 25.01 240 eP 34 01.60 -2.4
 TOL 41.59 15 eP 36 28.00 0.0
 TCF 49.27 18 eP 37 36.60 7.4X
 1.2s 12.20nm 4.8mb
 MAF 49.32 18 eP 37 37.60 8.1X
 1.0s 9.60nm 4.8mb
 LPG 50.11 22 eP 37 38.00 2.0
 1.0s 12.40nm 4.8mb
 LPL 50.12 22 eP 37 38.00 2.0
 1.0s 11.80nm 4.8mb
 LBF 50.44 19 eP 37 42.90 4.7X
 1.0s 5.40nm 4.5mb
 CIR 51.92 117 iPd 37 54.80 5.0X
 HAU 52.12 20 eP 37 51.50 0.7
 0.9s 9.00nm 4.7mb
 Z 20s 0.38um 4.4Msz
 8SF 52.12 20 eP 37 51.40 0.4
 1.2s 13.40nm 4.7mb
 LPB 52.75 249 P 37 55.20 -1.4
 CDF 52.78 20 eP 37 56.30 0.4
 1.0s 10.40nm 4.7mb
 SKO 54.47 35 iP 38 08.20 -0.1
 Z 17s 0.68um 4.8MszX
 LR 03 54.00
 GRF 55.28 22 eP 38 18.00 3.9X
 GEC2 55.58 24 ePc 38 14.50 -1.9
 0.8s 6.26nm 4.7mb
 e 38 17.30
 e 38 20.70
 e 38 22.20
 e 38 27.70
 e 38 33.50
 e 38 40.00
 ePP 40 21.70
 e 40 30.30
 e 40 35.40
 KHC 55.75 24 eP 38 16.50 -1.1
 Z 20s 1.00um 4.9Msz
 N 20s 0.50um
 E 20s 0.60um
 e 38 27.00

ZST 56.55 27 eP 38 39.50
 i 38 20.30 -3.0X
 i 38 24.40
 i 38 26.90
 PRU 56.81 24 eP 38 28.70 3.6X
 Z 20s 0.50um 4.6Msz
 SRO 56.83 28 e(P) 38 25.90 0.7
 CLL 57.26 22 e(P) 38 32.00 3.8X
 BRG 57.27 23 e(P) 38 30.00 1.6
 SPC 58.71 28 eP 38 39.80 1.1
 MLR 59.21 34 eP 38 32.00 -10.2X
 OJC 59.24 27 eP 38 40.50 -1.6
 e 38 43.00
 e 38 46.00
 LMN 62.01 324 eP 39 02.50 1.4
 HFS 64.68 17 eP 39 17.80 -0.6
 0.6s 1.10nm 4.2mb
 NB2 64.77 15 P 39 21.70 2.6X
 1.1s 10.20nm 4.9mb
 NUR 68.49 21 eP 39 46.60 4.0X
 1.0s 21.50nm 5.3mb
 KAF 70.17 20 iP 39 56.30 3.4X
 0.9s 21.90nm 5.3mb
 EEO 71.16 320 eP 40 04.00 4.8X
 NVL 73.02 170 eP 40 11.00 1.2
 MAIO 79.34 53 eP 40 49.00 2.7X
 RLO 80.27 307 e(P) 40 49.10 -2.1
 ULM 82.87 321 eP 41 07.50 3.1X
 MAW 86.08 158 iPd 41 24.80 4.6X
 1.0s 22.00nm 5.3mb
 SPA 89.87 180 iPc 41 41.20 2.5
 1.0s 16.00nm 5.2mb
 i 41 52.90
 MBC 93.02 346 eP 41 55.50 2.7X
 ASPA 143.28 132 ePKP 48 14.00 -1.4
 1.1s 8.50nm
 WRA 145.70 127 PKP 48 20.50 0.9
 0.7s 3.50nm
 WB2 145.71 127 ePKP 48 21.00 1.4
 0.6s 7.40nm
 S.D. = 1.5 on 26 of 44 obs.
 * NOV 04, 1992 06h 00m 25.85±1.14s
 40.648 N ±11.0km 22.496 E ±5.8km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 GRG 0.32 347 ePg 00 32.52 0.1
 iSg 00 38.24
 THE 0.36 92 ePg 00 33.68 0.5
 eSg 00 39.32
 KNT 0.60 31 ePg 00 38.06 0.1
 eSg 00 45.56
 SOH 0.67 75 iPg 00 38.64 -0.6
 eSg 00 49.32
 FNA 0.86 279 ePg 00 42.44 0.0
 eSg 00 55.08
 SRS 0.95 60 ePg 00 44.00 0.0
 iSg 00 56.88
 S.D. = 0.5 on 6 of 6 obs.
 * NOV 04, 1992 07h 09m 51.59s
 59.727 N 153.543 W
 DEPTH = 126.9km
 SOUTHERN ALASKA (2)
 <AEIC>
 OPT 0.18 115 P 10 08.30 0.6
 S 10 21.70
 PDB 0.33 281 P 10 09.10 1.0
 AUL 0.35 171 eP 10 08.98 0.8
 AUW 0.36 174 P 10 08.80 -1.0
 AUH 0.37 172 eP 10 09.34 -0.6
 AUP 0.37 170 eP 10 09.27 -0.7
 AUE 0.38 167 P 10 09.00 -0.9
 AUI 0.40 171 eP 10 09.11 -0.9
 INW 0.40 31 P 10 09.10 -1.1
 INE 0.41 36 eP 10 09.05 -1.2
 MCNL 0.68 217 eP 10 10.83 -0.9
 RED 0.79 29 P 10 11.80 -1.0
 S 10 27.60
 RS1 0.83 28 eP 10 12.50 -0.7
 eS 10 28.42
 RS2 0.84 28 eP 10 12.41 -0.9
 eS 10 28.55
 RSO 0.84 28 eP 10 12.45 -0.8
 eS 10 28.43

RDW	0.84	26	eP	10 12.21	-1.1
			eS	10 28.83	
REF	0.87	28	P	10 12.60	-1.0
			S	10 28.90	
NCT	0.89	20	eP	10 12.73	-0.9
HOM	0.97	93	eP	10 13.16	-1.0
			eS	10 30.14	
DFR	0.97	26	eP	10 13.04	-1.3
CNPM	1.19	99	eP	10 14.80	-1.6
SYI	1.27	152	P	10 15.60	-1.6
BRK	1.35	87	eP	10 17.29	-0.8
			eS	10 35.87	
BKG	1.49	25	iP	10 19.07	-0.7
CKL	1.59	22	iP	10 20.36	-0.7
			eS	10 42.93	
CKT	1.62	24	eP	10 20.65	-0.7
SPU	1.64	26	eP	10 20.45	-1.0
BGL	1.64	20	eP	10 20.34	-1.3
CKN	1.65	24	eP	10 20.26	-1.3
CP2	1.67	22	eP	10 20.26	-1.8
CRP	1.69	23	eP	10 21.60	-0.6
SVW	1.73	324	eP	10 21.78	-0.8
CGLM	1.76	25	eP	10 22.19	-0.8
SLKM	1.84	63	eP	10 22.16	-1.7
SEW	2.10	78	eP	10 25.04	-2.0
SUA	2.22	37	eP	10 27.91	-0.9
MPA	2.23	68	eP	10 27.16	-1.5
SKT	2.47	23	eP	10 30.77	-1.0
PMS	2.49	51	eP	10 30.55	-1.6
			eS	10 59.23	
PTE	2.52	61	eP	10 31.24	-1.2
PWA	2.64	41	P	10 34.00	0.0
PLRM	2.87	47	eP	10 35.22	-1.7
LT1	2.89	81	eP	10 35.11	-2.1
KNIM	2.98	75	eP	10 35.71	-2.8
KNK	3.03	54	eP	10 36.41	-2.7
GHO	3.06	46	eP	10 37.21	-2.4
SML	3.30	49	eP	10 40.23	-2.5
GLI	3.41	67	eP	10 42.11	-2.1
HIN	3.59	76	eP	10 43.56	-3.1
FID	3.67	71	eP	10 44.80	-2.8
SCM	3.71	53	eP	10 45.14	-3.1
VLZ	3.84	65	eP	10 48.63	-1.3
KLU	4.15	61	eP	10 51.45	-2.8
TOA	4.32	53	P	10 54.40	-2.0
GLB	5.10	66	eP	11 05.24	-1.7

55 obs. associated

% NOV 04, 1992 08h 22m 31.97±0.93s
38.997 N ±10.9km 27.629 E ±18.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

Izm	0.66	206	ePg	22 45.20	0.0
			eSg	22 58.20	
DST	0.99	52	iPn	22 51.00	0.3
EDC	1.36	8	iPn	22 57.50	0.6
KCT	1.37	24	iPn	22 56.20	-0.9
BNT	1.38	9	ePn	22 57.20	0.0

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

NOV 04, 1992 08h 33m 11.35±0.67s
41.871 N ±5.5km 20.097 E ±5.9km
DEPTH = 10.0km (geophysicist)

ALBANIA (391)
ML 2.2 (TTG), 1.9 (TIR).

KKS	0.31	49	ePg	33 19.40	1.6
PHP	0.32	126	iPg	33 16.00	-2.0
			iSg	33 21.50	
LACI	0.37	231	ePg	33 19.90	0.9
			iSg	33 25.50	
TIR	0.55	198	ePg	33 23.50	1.0
			iSg	33 29.50	
PVY	0.73	353	iPg	33 22.65	-3.1X
			iSg	33 32.28	
TTG	0.84	312	iPg	33 26.59	-0.9
			iSg	33 39.25	
SKO	1.01	84	ePg	33 42.90	12.5X
			iSg	33 46.10	
IVA	1.01	352	ePg	33 30.55	0.0
			iSg	33 46.14	
BDV	1.03	294	iPg	33 30.04	-0.8
			iSg	33 45.40	
NKY	1.24	320	iPg	33 34.34	-0.2
			iSg	33 53.00	

HCY	1.32	296	iPg	33 35.23	-0.5
			iSg	33 55.18	
BRY	1.54	312	iPg	33 39.26	0.2
			iSg	34 01.81	
PLE	1.55	341	iPn	33 39.74	0.7
			iSn	34 02.39	

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

* NOV 04, 1992 08h 33m 46.92±1.58s
39.261 N ±16.8km 29.092 E ±11.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

DST	0.50	314	ePg	33 56.50	-0.5
ALT	0.82	104	ePg	34 02.80	0.0
			eSg	34 13.80	
KCT	1.14	330	iPn	34 08.70	0.5
YLV	1.32	9	ePn	34 11.20	-0.2
BNT	1.42	321	ePn	34 13.00	0.3

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

? NOV 04, 1992 09h 21m 26.47±4.08s
51.423 N ±30.2km 16.072 E ±23.5km
DEPTH = 10.0km (geophysicist)

POLAND (548)
MG 3.0 (WAR).

KSP	0.60	166	iP	21 37.30	-1.2
			0.3s 87.00nm		
			iS	21 45.90	
BRG	1.45	249	iPg	21 53.20	0.5
			iSg	22 13.20	
PRU	1.74	215	ePn	21 57.00	0.2
			0.4s 61.10nm		
			Pg	21 58.80	
			e	22 02.60	
			Sg	22 21.50	
			i	22 29.00	

CLL	1.93	268	ePn	21 59.00	-0.6
			iPg	22 01.80	
			iSg	22 29.00	
VRAC	2.14	171	iPn	22 04.00	1.3
			0.6s 88.90nm		
			eSg	22 35.10	

OJC	2.65	116	eP	22 14.90	4.9X
			iS	22 49.80	
KHC	2.80	216	Pn	22 11.50	-0.6
			e	22 17.50	
			e	22 20.00	
			eSn	22 45.50	
			eSg	22 56.00	

MOX	2.92	256	iPg	22 21.30	7.5X
			iSg	23 01.00	
GEC2	3.00	211	Pn	22 15.40	0.4
			Pg	22 21.10	
			Sg	23 01.10	

VKA	3.17	177	iP	22 29.90	12.6X
			iSg	23 06.20	
ZST	3.30	168	eP	22 52.30	33.1X
			e	23 05.20	
SPC	3.49	128	eP	22 37.70	15.7X

S.D. = 1.1 on 7 of 12 obs.

NOV 04, 1992 09h 54m 40.42±0.59s
39.226 N ±5.2km 27.997 E ±5.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.2 (ISK).

DST	0.62	52	iPg	54 52.90	0.0
			iSg	55 03.40	
Izm	1.01	215	iPg	54 59.20	-0.3
			iSg	55 13.20	
KCT	1.06	15	iPg	55 00.10	-0.3
			iSg	55 14.10	

EDC	1.12	355	iPg	55 02.00	0.5
			iSg	55 17.00	
BNT	1.13	357	iPg	55 02.10	0.5
			iSg	55 16.10	
EZN	1.42	295	iPn	55 05.80	-0.5
KHL	1.50	127	ePn	55 08.60	1.2
CIN	1.63	177	eP	55 12.00	2.8X

ALT	1.65	95	ePn	55 09.00	-0.7
YLV	1.71	38	ePn	55 09.60	-0.8
ALN	2.24	319	eP	55 18.50	0.4

S.D. = 0.7 on 10 of 11 obs.

% NOV 04, 1992 10h 02m 54.07±1.72s
44.341 N ±21.0km 7.495 E ±9.4km
DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
ML 2.0 (GEN).

ENR	0.13	205	P	02 52.23	0.0
			S	02 54.88	
STV	0.16	232	P	02 52.78	0.0
			S	02 55.84	
ROB	0.27	100	P	02 54.97	0.1
			S	02 59.64	
FIN	0.53	104	P	02 59.73	-0.1
PCP	0.78	75	P	03 04.26	0.0
			S	03 14.43	

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

% NOV 04, 1992 10h 08m 42.84±3.22s
43.813 N ±19.9km 6.898 E ±15.3km
DEPTH = 10.0km (geophysicist)

NEAR SOUTH COAST OF FRANCE (379)

STV	0.53	35	P	08 53.53	-0.1
ENR	0.56	42	P	08 54.12	-0.1
			S	09 07.13	
PZZ	0.71	12	P	08 56.46	-0.4
			S	09 11.62	
IMI	0.72	82	P	08 56.50	-0.6
			S	09 11.62	
ROB	0.85	55	P	09 00.35	1.1
			S	09 17.66	
FIN	1.03	67	P	09 02.50	0.3
			S	09 19.60	
BHB	1.06	14	P	09 02.40	-0.4
			S	09 18.92	
RRL	1.11	356	P	09 03.27	-0.6
			S	09 23.07	
RSP	1.36	11	P	09 07.66	-0.3
PCP	1.39	58	P	09 07.90	-0.4
			S	09 30.66	
LSD	1.65	6	P	09 13.94	1.7
			S	09 37.43	

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

& NOV 04, 1992 10h 29m 40.30s
34.581 N 116.580 W
DEPTH = 7.2km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS).

GSC	0.74	346	ePc	29 53.99	-1.1
			eS	30 03.88	
PEC	0.84	215	eP	29 55.54	-1.3
SSK	0.99	248	eP	29 58.31	-1.2
			eS	30 11.62	
PLM	1.25	191	eP	30 02.99	-0.9
			eS	30 19.98	
ISA	1.89	305	ePn	30 13.69	0.4
GLA	2.11	136	ePn	30 17.56	1.1
			ePg	30 19.04	
ABL	2.19	278	ePn	30 16.78	-1.1
BONR	3.64	338	(Pn)	30 41.61	3.1
			ePg	30 48.02	
ARUT	4.09	38	eP	30 42.79	-1.9

9 obs. associated

& NOV 04, 1992 11h 25m 14.77s
33.974 N 116.923 W
DEPTH = 4.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.0 (PAS).

PEC	0.21	248	iPc	25 19.03	-0.1
PLM	0.62	175	iPd	25 26.47	-0.7
			eS	25 34.03	
SSK	0.68	290	iPc	25 27.53	-0.9
			eS	25 36.73	
GSC	1.33	4	ePc	25 39.34	-0.5
GLA	1.98	117	ePn	25 48.96	-0.4
			ePg	25 51.13	
ABL	2.09	295	eP	25 50.23	-0.9
ISA	2.11	323	ePn	25 51.03	-0.3
MEMM	4.03	337	(Pn)	26 22.55	4.1
TNP	4.11	357	(P)	26 29.70	9.9
BONR	4.13	345	(Pn)	26 20.94	0.8
ARUT	4.74	36	(Pn)	26 27.72	-1.1

04d 11h

MSU 5.94 39 (Pn) 26 54.40 8.7
12 obs. associated

* NOV 04, 1992 11h 29m 01.27±2.36s
23.798 N ±12.1km 121.889 E ±22.4km
DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWD 0.39 316 iPc 29 09.10 -0.1
eS 29 13.10
TWF1 0.70 231 iPc 29 15.30 0.2
TWC 0.81 357 ePc 29 18.30 1.4
TWZ 1.32 348 ePc 29 25.70 0.0
SSE 7.30 355 P 30 49.00 -1.4
eS 32 50.50
S.D. = 1.4 on 5 of 5 obs.

% NOV 04, 1992 11h 55m 45.77±1.66s
31.567 S ±8.9km 70.548 W ±13.0km
DEPTH = 141.0 ± 15.9 km

CHILE-ARGENTINA BORDER REGION (127)

RTBS 0.94 96 ePd 56 08.80 -0.6
TLL 1.41 351 iPd 56 14.50 0.2
iS 56 34.00
RTCB 1.50 87 iPc 56 15.20 0.1
RTCV 1.74 100 iPc 56 17.80 0.1
S 56 59.20
RTLL 1.79 83 iPd 56 18.30 -0.1
S 56 40.30
CFA 1.97 92 eP 56 20.80 0.3
S 56 45.00
RFA 3.64 152 iPc 56 41.90 0.1
RTPR 3.69 71 ePc 56 43.30 0.9
MRA 4.20 103 ePd 56 49.10 0.0
TCA 5.10 89 iP 57 01.00 -0.3
(S) 57 58.50
CYA 5.17 54 eP 57 01.50 -0.7
S.D. = 0.5 on 11 of 11 obs.

& NOV 04, 1992 12h 01m 35.73s
45.114 N 122.685 W
DEPTH = 31.3km
WASHINGTON-OREGON BORDER REGION (28)
<SEA>. MD 2.5 (SEA).

GT2 0.30 82 Pc 01 43.42 0.1
S 01 48.82
SSOR 0.30 148 Pd 01 43.58 0.1
S 01 48.95
PGO 0.39 25 P 01 44.68 0.1
S 01 51.54
TKO 0.60 296 Pc 01 48.11 0.2
S 01 57.52
VLMM 0.62 47 Pd 01 48.25 0.0
S 01 56.72
TDH 0.66 74 P 01 48.78 -0.1
S 01 58.21
KMOR 0.77 313 Pc 01 50.58 0.2
VBEM 0.78 94 Pc 01 51.25 0.7
VLL 0.79 63 Pd 01 51.14 0.4
FBO 0.81 175 P 01 51.13 0.2
S 02 02.62
BPO 0.85 123 P 01 52.41 0.8
S 02 04.23
MPOR 0.87 226 P 01 52.55 0.8
VFP 0.89 76 P 01 52.71 0.6
APM 0.94 48 P 01 53.42 0.6
MTMW 0.97 20 Pd 01 53.31 0.0
LVP 0.97 11 Pd 01 53.48 0.2
RVW 1.04 358 Pd 01 54.34 0.2
CDFW 1.10 24 P 01 55.46 0.4
JLK 1.10 20 P 01 55.55 0.5
FL2 1.11 12 P 01 55.89 0.6
NLO 1.11 331 Pd 01 56.40 1.1
GULW 1.11 43 P 01 55.77 0.4
HSR 1.12 18 P 01 56.18 0.8
SHW 1.12 16 ePd 01 56.04 0.6
eS 02 10.69
REMWW 1.14 18 P 01 56.58 0.8
VGB 1.40 73 ePn 02 00.75 1.3
eS 02 20.12
BMW 1.41 345 (P) 02 00.20 0.7
eS 02 19.97
LON 1.75 20 ePd 02 05.75 1.4
eS 02 27.97
GMW 2.44 358 eP 02 16.16 1.9

29 obs. associated

% NOV 04, 1992 12h 03m 05.92±0.96s
39.027 N ±8.2km 27.638 E ±10.0km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.7 (ISK).

IZM 0.69 205 iPg 03 19.60 -0.1
iSg 03 31.90
DST 0.96 53 ePn 03 24.70 0.5
EZN 1.29 309 ePn 03 29.90 0.1
EDC 1.33 7 iPn 03 31.00 0.6
KCT 1.34 24 iPn 03 29.60 -1.0
S.D. = 0.9 on 5 of 5 obs.

? NOV 04, 1992 13h 05m 01.26±1.70s
32.595 S ±16.8km 70.237 W ±19.6km
DEPTH = 110.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
MD 3.6 (SAN).

JACH 0.31 254 iP+ 05 17.27 -0.1
iS 05 29.64
PEL 0.66 214 iP+ 05 19.51 -0.1
iS 05 32.79
FCH 0.73 184 iP+ 05 20.57 0.0
iS 05 34.81
ROCH 0.75 240 iPd 05 20.79 0.2
iS 05 34.93
PCH 1.05 193 iP 05 23.51 0.1
iS 05 41.24
TACH 1.21 209 iPd 05 24.97 -0.1
iS 05 43.23
CHCH 1.38 195 iPd 05 27.18 0.1
iS 05 47.38
LCCH 1.42 232 iP+ 05 27.78 0.3
iS 05 46.18
LNV 1.68 216 iPd 05 30.09 -0.5
iS 05 52.92
S.D. = 0.3 on 9 of 9 obs.

NOV 04, 1992 13h 41m 12.03±0.59s
35.419 N ±7.7km 27.836 E ±5.6km
DEPTH = 85.4 ± 9.1 km
3.8mb (7 obs.)

DODECANESE ISLANDS (369)

NPS 1.82 266 eP 41 43.00 0.7
ELL 2.14 51 ePn 41 48.00 1.4
IZM 3.01 351 ePn 41 58.00 -0.5
BCK 3.01 47 ePn 41 58.00 -0.6
KHL 3.20 25 iPn 42 07.50 6.4X
VLI 4.17 290 eP 42 14.50 -0.2
ATH 4.18 309 eP 42 14.80 0.1
EZN 4.56 345 eP 42 19.90 -0.1
HRI 6.88 106 eP 42 53.00 0.7
DSI 7.38 119 eP 42 58.40 -0.6
SAGI 7.74 130 eP 43 03.20 -0.7
eS 44 22.90
SKO 8.23 325 eP 43 08.50 -2.2
GEC2 16.99 326 ePc 45 07.10 1.6
0.8s 1.94nm 3.4mb
LPG 18.89 309 eP 45 29.00 0.3
0.6s 3.45nm 3.8mb
LPL 18.91 309 eP 45 29.30 0.5
0.5s 2.40nm 3.7mb
HAU 20.30 315 eP 45 43.00 -0.1
SMF 21.21 309 eP 45 51.90 -0.4
0.5s 3.20nm 3.9mb
LBF 21.26 310 eP 45 53.50 0.6
0.8s 4.15nm 3.8mb
SSF 21.59 310 eP 45 56.00 0.0
0.7s 5.85nm 4.1mb
MAF 21.87 307 eP 45 58.30 -0.6
0.7s 3.75nm 3.9mb
S.D. = 0.9 on 19 of 20 obs.

? NOV 04, 1992 13h 45m 51.98±12.94s
32.089 S ±98.3km 71.417 W ±42.3km
DEPTH = 33.8km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

JACH 0.91 131 iP 46 08.66 0.1
iS 46 21.17
ROCH 0.94 159 iP+ 46 08.81 -0.3

PEL 1.22 150 iS 46 22.36
iP 46 12.60 -0.2
iS 46 29.45
LCCH 1.39 185 iPd 46 15.07 -0.1
iS 46 33.47
FCH 1.56 143 iP 46 17.98 0.0
iS 46 38.48
TACH 1.61 166 iP 46 19.06 0.6
S.D. = 0.4 on 6 of 6 obs.

* NOV 04, 1992 14h 01m 57.50±1.03s
36.905 S ±9.3km 177.579 E ±13.1km
DEPTH = 198.5 ± 7.7 km
4.9mb (3 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.90 140 P 02 23.80 -2.9
S 02 44.30
URZ 1.40 195 P 02 30.80 0.3
S 02 58.20
KUZ 1.50 275 P 02 29.80 -1.5
NOZ 1.75 168 P 02 33.60 -0.1
WLZ 1.85 238 Pc 02 36.80 2.1
S 03 09.40
PAHZ 1.99 192 P 02 37.60 1.4
WHH 2.15 203 P 02 39.40 1.4
MOH 2.25 189 P 02 40.10 1.2
MAHZ 2.29 174 P 02 40.00 0.6
TTH 2.70 192 P 02 45.30 1.4
MOZ 2.72 233 P 02 47.70 3.5X
NGZ 2.75 214 eP 02 46.90 2.1
WCZ 2.78 289 P 02 43.60 -1.3
CNZ 2.80 214 eP 02 46.90 1.7
WAHZ 2.95 199 eP 02 47.30 0.3
BSZ 3.56 215 eP 02 55.50 1.2
PGZ 3.85 195 eP 02 57.20 -0.6
MNG 4.05 203 P 03 00.70 0.3
KIW 4.47 207 eP 03 04.70 -1.0
MTW 4.55 200 eP 03 05.40 -1.2
CAW 4.63 204 eP 03 07.50 -0.2
DIW 4.83 215 eP 03 10.40 0.1
MOW 4.86 201 P 03 10.00 -0.7
MRW 4.87 206 P 03 10.40 -0.3
S 04 10.70
TCW 5.01 210 eP 03 11.70 -0.9
QRZ 5.56 224 eP 03 19.10 -0.5
THZ 6.06 215 eP 03 25.60 -0.6
KHZ 6.33 208 eP 03 28.40 -1.2
LTZ 7.15 213 eP 03 38.80 -1.7
MOZ 7.77 207 eP 03 44.60 -4.1X
ODZ 9.67 211 eP 04 11.20 -2.1
ASPA 39.63 277 iPc 09 12.30 1.0
0.5s 27.60nm 5.1mb
WBZ 41.22 282 iPd 09 24.50 0.1
0.3s 23.20nm 5.2mb
WRA 41.23 282 P 09 25.00 0.5
0.6s 4.30nm 4.2mb
KAF 149.11 334 ePKP 21 18.90 0.8
0.5s 1.60nm
NUR 150.78 333 ePKP 21 23.70 3.1X
S.D. = 1.3 on 33 of 36 obs.

? NOV 04, 1992 14h 48m 23.60±4.39s
47.607 N ±9.4km 1.248 W ±53.0km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 1.9 (LDG).

LPF 0.45 18 Pg 48 32.50 -0.2
Sg 48 38.20
GRR 0.82 18 Pg 48 39.40 -0.1
Sg 48 50.20
LDF 1.24 37 Pg 48 46.60 -0.1
Sg 49 02.50
MFF 1.26 143 Pg 48 46.90 0.0
Sg 49 02.80
FLN 1.26 24 Pg 48 47.50 0.4
Sg 49 03.30
S.D. = 0.4 on 5 of 5 obs.

* NOV 04, 1992 14h 49m 08.82±0.62s
54.147 S ±10.2km 2.792 E ±14.3km
DEPTH = 10.0km (geophysicist)
5.0mb (6 obs.)
BOUVET ISLAND REGION (412)

NVL 17.16 170 iPc 53 08.40 -1.4

1.9s 285.00nm 5.1mb
KIM 30.01 41 iPc 55 18.00 -1.9
MAW 30.75 139 eP 55 26.00 0.2
1.0s 17.00nm 4.9mb
ePP 00 38.00
SLR 34.09 44 iPc 55 54.50 -1.1
1.2s 39.06nm 5.2mb
SPA 36.04 180 iPc 56 11.80 -0.1
1.3s 16.67nm 4.7mb
KRI 42.65 40 iPd 57 08.00 0.8
iP 57 13.40 18kmX
CSY 48.16 149 eP 57 52.90 2.5
0.7s 4.70nm 4.7mb
i 58 07.40
i 58 17.60
TCA 52.26 267 iPc 58 22.10 -0.2
BAO 54.90 294 e(P) 58 41.00 -1.0
e 58 42.60
e 58 44.70
e 58 46.70
BCAO 59.84 18 ePd 59 15.80 -0.8
0.9s 18.00nm 5.2mb
ic 59 20.00
ec 00 07.00
LIC 60.51 351 P 59 22.74 1.6
TIC 60.92 351 P 59 25.72 1.7
LPB 65.58 276 P 59 55.00 -0.3
LRM 138.89 286 ePKP 08 43.80 7.2X
MAT 144.77 102 (PKP) 08 54.00 7.1X
YKA 147.34 310 ePKP 08 52.80 2.6X
1.0s 11.20nm
MBC 149.32 337 ePKP 09 01.00 8.0X
0.7s 3.00nm
S.D. = 1.5 on 13 of 17 obs.

* NOV 04, 1992 15h 19m 07.92±1.59s
36.037 S ±12.2km 178.394 E ±20.6km
DEPTH = 227.8 ± 10.4 km
4.1mb (3 obs.)
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 1.56 183 P 19 42.60 -2.3
KUZ 2.27 251 eP 19 50.00 -1.5
URZ 2.44 204 P 19 53.60 0.3
S 20 34.60
NOZ 2.59 186 eP 19 55.40 0.5
PAHZ 3.01 200 eP 20 00.60 1.0
MAHZ 3.17 187 eP 20 01.90 0.5
WHH 3.22 207 eP 20 03.00 0.9
MOH 3.24 197 eP 20 03.10 0.9
TTH 3.71 199 eP 20 08.90 1.2
NGZ 3.84 214 eP 20 11.50 2.0
CNZ 3.88 215 eP 20 12.20 2.3
WAHZ 4.00 203 eP 20 11.50 0.3
PGZ 4.87 199 eP 20 21.50 -0.4
MNG 5.11 206 eP 20 25.10 0.1
S 21 32.10
KIW 5.54 209 P 20 29.90 -0.5
MTW 5.59 203 eP 20 30.20 -0.8
CAW 5.69 206 eP 20 31.60 -0.7
BLW 5.79 202 eP 20 33.60 0.0
MOW 5.91 204 P 20 34.70 -0.4
DIW 5.91 215 eP 20 35.10 0.0
MRW 5.94 208 eP 20 35.00 -0.4
eS 21 51.00
WEL 5.96 207 eP 20 35.60 -0.1
TCW 6.09 211 eP 20 36.70 -0.6
ORZ 6.64 222 eP 20 44.20 -0.2
eS 22 08.00
THZ 7.14 215 eP 20 50.80 -0.1
eS 22 19.90
KHZ 7.40 209 P 20 53.40 -0.7
eS 22 23.70
LTZ 8.23 213 eP 21 04.20 -0.8
eS 22 41.40
MOZ 8.84 208 eP 21 11.10 -1.6
eS 22 55.50
ODZ 10.75 211 eP 21 37.50 0.3
ASPA 40.19 275 eP 26 23.70 0.0
0.5s 3.70nm 4.1mb
WBZ 41.69 281 eP 26 35.30 -0.7
0.3s 6.30nm 4.6mb
WRA 41.70 280 P 26 37.50 1.5
0.7s 1.10nm 3.4mb
S.D. = 1.0 on 32 of 32 obs.

NOV 04, 1992 15h 26m 10.15±0.99s

38.054 N ± 7.2km 142.115 E ±10.4km
DEPTH = 44.1 ± 9.6 km
4.3mb (4 obs.)
NEAR EAST COAST OF HONSHU, JAPAN(228)

OFUJ 1.08 341 iPd 26 29.30 0.2
S 26 40.80
YAMJ 1.64 275 iP+ 26 35.30 -1.7
KAKJ 2.41 221 P 26 48.20 0.2
S 27 16.00
NIUJ 2.60 253 P 26 49.90 -0.8
eS 27 18.40
AOMJ 2.84 332 eP 26 54.00 -0.1
CHUJ 3.20 232 P 26 59.20 0.0
MAT 3.46 245 iPc 27 02.90 0.0
eS 27 47.00
MTMJ 3.74 248 P 27 07.00 0.1
HOOJ 4.42 11 eP 27 17.20 0.8
eS 28 06.10
KUSJ 5.41 21 eP 27 30.10 -0.3
eS 28 28.90
TSRJ 5.52 245 P 27 34.40 2.3
ASAJ 6.07 4 eP 27 39.40 -0.3
SSE 18.56 254 Pc 30 25.00 -0.5
1.0s 18.00nm 4.2mb
GUN 47.62 275 P 34 45.40 1.2
KKK 48.14 275 P 34 47.30 -0.8
GKN 48.55 276 P 34 51.94 0.8
WBZ 58.15 189 eP 36 00.70 -1.0
0.5s 3.90nm 4.8mb
WRA 58.15 189 P 36 02.20 0.4
0.6s 1.00nm 4.1mb
ASPA 61.88 189 eP 36 26.70 -0.6
1.5s 4.30nm 4.4mb
S.D. = 1.0 on 19 of 19 obs.

NOV 04, 1992 15h 42m 44.04±0.63s
40.765 S ± 5.8km 172.281 E ± 5.6km
DEPTH = 10.0km (geophysicist)
OFF W. COAST OF S. ISLAND, N.Z. (161)
ML 3.7 (WEL).

ORZ 0.20 108 iPc 42 48.00 -0.4
S 42 49.10
DSZ 1.04 200 P 43 05.70 1.9
THZ 1.10 155 P 43 03.60 -1.2
eS 43 16.60
DIW 1.25 92 P 43 05.50 -1.7
TCW 1.57 107 P 43 11.00 -1.1
CCW 1.76 125 eP 43 15.80 1.0
MRW 1.89 105 P 43 17.10 0.4
eS 43 38.60
WEL 1.95 106 eP 43 18.00 0.5
KIW 2.00 94 P 43 18.60 0.4
LTZ 2.02 180 P 43 19.20 0.7
eS 43 42.40
BSZ 2.25 65 eP 43 22.80 1.0
MNG 2.44 88 eP 43 25.50 1.0
MTW 2.47 100 eP 43 25.00 0.0
MOZ 2.95 175 eP 43 30.50 -1.3
MOZ 2.98 42 eP 43 32.30 0.1
LMZ 3.70 216 eP 43 42.70 0.2
BWZ 4.16 204 eP 43 49.30 0.4
ODZ 4.44 195 eP 43 52.30 -0.7
WCZ 5.08 19 eP 44 02.50 0.5
WRA 38.36 291 P 50 05.20 -1.8
0.9s 0.30nm 3.0mb
S.D. = 1.1 on 20 of 20 obs.

? NOV 04, 1992 16h 01m 58.81±1.43s
46.298 N ±14.1km 14.125 E ± 9.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)

VOY 0.31 211 iPg 02 05.30 0.0
e(Sg) 02 10.60
LJU 0.38 132 e(Pg) 02 06.00 -0.6
e(Sg) 02 11.50
RBL 0.41 291 P 02 07.20 0.0
eSg 02 15.00
TRI 0.64 203 eP 02 21.30 9.7X
FVI 0.97 288 P 02 32.60 15.3X
VBY 1.12 135 ePg 02 20.50 0.7
e(Sg) 02 35.00
PTJ 1.34 107 eP 02 44.10 20.6X
KHC 2.86 353 eP 03 18.50 33.2X
eSg 04 04.50

S.D. = 1.0 on 4 of 8 obs.

* NOV 04, 1992 16h 29m 39.93±1.69s
29.713 N ±15.9km 31.541 E ±10.2km
DEPTH = 10.0km (geophysicist)
EGYPT (553)
ML 3.8 (CSS). MD 3.6 (HLW), 3.6 (RYD).

HLW 0.23 310 eP 29 45.00 0.2
SAGI 2.75 79 eP 30 24.80 -0.2
eS 31 18.10
HOL 3.09 97 iPc 30 29.80 0.2
eS 31 20.00
YTIR 3.49 61 eP 30 35.00 -0.5
DHLJ 3.52 71 P 30 35.10 -0.6
LISJ 3.73 65 P 30 40.30 1.6
JVI 3.95 55 eP 30 41.90 -0.1
AYN 3.98 101 eP 30 42.10 -0.2
eS 31 44.00
MASJ 4.12 60 Pd 30 44.70 0.4
SALJ 4.23 56 P 30 45.30 -0.7
PPCY 5.20 7 eP 30 57.50 -2.1
eS 31 52.60
CSS 5.45 16 eP 31 05.20 2.0
eS 32 04.50
WAJH 5.67 127 eP 31 20.00 13.8X
S.D. = 1.2 on 12 of 13 obs.

* NOV 04, 1992 17h 06m 21.93±1.34s
35.827 N ±19.2km 27.546 E ±10.2km
DEPTH = 33.0km (normol)
DODECANESE ISLANDS (369)
ML 3.8 (CSS). MD 3.8 (ATH).

NPS 1.67 251 iPbd 06 49.40 0.1
eSb 07 08.00
CIN 1.82 14 eP 06 54.00 2.6X
ELL 2.12 64 ePn 06 54.50 -1.3
IZM 2.58 355 ePn 07 02.00 -0.3
BCK 2.94 55 eP 07 09.00 1.5
VLI 3.83 285 ePn 07 20.00 0.0
PPCY 4.03 102 eP 07 15.00 -7.9X
eS 07 56.30
CSS 4.80 99 eP 07 26.60 -7.2X
eS 08 19.30
KHC 16.78 327 eP 10 10.00 -5.9X
e 10 16.00
S.D. = 1.5 on 5 of 9 obs.

NOV 04, 1992 17h 09m 33.25±0.41s
49.148 N ± 3.8km 6.893 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.6 (STR). MD 2.5 (UCC).

RUP 0.56 11 ePg 09 44.48 -0.3
LANF 0.62 105 Pg 09 45.84 0.0
WLF 0.71 317 iPd 09 47.06 -0.1
iS 09 56.50
HOFF 0.73 106 Pg 09 48.00 0.4
CDF 0.78 161 Pg 09 47.97 -0.5
Sg 09 59.37
WLS 0.80 157 Pg 09 48.35 -0.4
Sg 09 59.59
ECH 0.95 169 Pg 09 51.30 -0.1
VITF 1.11 213 Pg 09 53.72 -0.4
MOF 1.31 173 Pg 09 58.18 0.7
Sg 10 16.12
FEL 1.48 149 Pg 10 01.33 1.4
Sg 10 21.13
MEM 1.57 339 iP 10 21.30 20.1X
DOU 1.77 303 P 10 03.90 -0.2
i 10 06.00
iS 10 25.80
LOMF 1.80 181 Pn 10 04.01 -0.6
SNF 2.17 310 iP 10 10.70 0.8
GEC2 4.49 91 Pn 10 42.30 -0.7
Sn 11 31.80
Sg 11 56.50
S.D. = 0.6 on 14 of 15 obs.

NOV 04, 1992 18h 13m 13.46±0.13s
14.238 S ± 2.8km 167.641 E ± 3.7km
DEPTH = 14.1km (geophysicist)
6.1mb (72 obs.) 6.1msz (64 obs.)
VANUATU ISLANDS (186)

			i	18	54.90	
			e	18	59.10	
			e	19	02.70	
			e	19	12.40	
CNB	26.66	215	iPc	18	55.00	1.2
	0.6s	161.00nm				5.9mb
CAN	26.87	215	eP	18	57.50	1.8
			i	19	00.50	
PGZ	27.34	166	eP	18	58.30	-1.6
QIS	27.46	253	eP	19	01.00	-0.1
	0.2s	11.00nm				5.2mb
SNZO	27.66	168	P	18	46.00	-16.8
			eS	23	21.00	
MTW	27.68	167	eP	19	02.70	-0.3
THZ	27.80	172	eP	19	05.20	1.1
BLW	27.88	167	P	19	02.90	-1.8
MOW	27.88	168	eP	19	03.00	-1.8
KHZ	28.54	171	eP	19	09.20	-1.4
LTZ	28.72	173	eP	19	11.30	-1.1
	0.6s	71.00nm				5.6mb
STK	29.59	229	eP	19	20.50	0.2
	1.1s	137.70nm				5.7mb
			ePcP	22	28.50	
			eS	24	17.80	
			iPcS	26	08.50	
TOO	30.46	216	iPd	19	28.70	0.7
	1.0s	319.00nm				6.1mb
LRCZ	30.76	178	eP	19	29.70	-1.0
LSCZ	30.81	178	eP	19	30.30	-0.7
TLC	30.88	178	eP	19	30.70	-1.0
TUZ	31.66	177	eP	19	36.30	-2.0
	0.7s	182.00nm				6.1mb
RAR	31.76	107	(P)	19	40.67	1.1
			S	24	52.00	
BFD	31.96	220	iPd	19	41.60	0.5
	1.1s	130.00nm				5.8mb
WB2	32.28	255	iPc	19	43.40	-0.8
	0.6s	92.20nm				5.9mb
WRA	32.29	255	P	19	43.50	-0.8
	1.0s	29.40nm				5.2mb
ASPA	33.19	248	eP	19	50.50	-1.5
	0.7s	277.90nm				6.3mb
Z	23s	103.20um				6.5MszX
			eS	24	54.30	
ADE	33.24	226	e(P)	19	54.20	1.9
MTN	35.50	268	eP	20	12.50	0.5
	0.6s	128.00nm				6.0mb
GUA	35.61	320	eP	20	12.80	-0.1
	0.8s	202.99nm				6.1mb
GUMO	35.68	320	eP	20	13.00	-0.4
Z	23s	38.81um				6.1MszX
FORT	39.86	239	eP	20	48.50	0.1
	0.4s	73.00nm				5.7mb
WARB	40.11	246	eP	20	50.30	-0.2
MCQ	40.74	188	eP	20	57.50	2.2
PPT	41.22	100	P	21	03.00	3.3X
MNI	45.16	287	eP	21	32.50	0.7
	1.3s	855.30nm				6.5mb
MBL	45.93	254	iPd	21	37.00	-0.8
BIP	46.74	296	eP	21	39.00	-5.2X
DAV	46.81	294	eP	21	43.00	-1.8
MEEK	47.31	247	eP	21	48.20	-0.5
CGP	48.20	295	ePc	21	56.00	0.2
MKS	48.23	276	iPc	21	59.00	2.9X
HON	48.85	44	P	22	10.00	9.3X
Z	21s	30.44um				6.3Msz
KIP	48.91	44	(P)	22	03.26	2.1
DHH	48.95	45	P	22	04.92	3.5X
KKH	49.13	48	(P)	22	04.53	1.8
PLP	49.25	299	ePc	22	02.50	-1.4
HLK	49.64	46	eP	22	08.36	1.1
RKG	49.79	237	eP	22	07.50	-0.3
NANU	49.93	252	eP	22	09.00	0.0
	0.5s	119.00nm				6.1mb
KHKI	51.27	271	ePd	22	19.	

				SS	34	16.00	
				SSS	36	37.00	
BAG	55.57	302	ePc+		22	50.80	-0.5
	1.6s	946.67nm					6.6mb
			eS		30	38.00	
KAKJ	56.49	333	eP		22	57.80	0.5
PIP	56.53	304	eP		22	58.60	0.7
CHJJ	56.88	332	eP		22	59.90	-0.3
IIDJ	56.90	331	eP		23	01.40	0.9
WKYJ	57.03	328	P		23	00.40	-1.0
KAGJ	57.32	322	eP		23	03.00	-0.4
MAT	57.64	332	iPc		23	04.50	-1.1
	1.3s	209.62nm					6.0mb
Z	20s	5.67um					5.7Msz
			eS		31	05.00	
TKSJ	57.64	327	P		23	06.10	0.5
MTMJ	57.86	332	eP		23	06.30	-0.9
NIIJ	57.86	333	eP		23	06.80	0.3
TSRJ	57.88	330	eP		23	07.30	-0.1
SEN	57.93	335	P		23	08.00	0.5
YAMJ	58.21	335	eP		23	09.90	0.4
OFUJ	58.33	336	eP		23	09.70	-0.6
KUMJ	58.33	324	eP		23	09.40	-1.1
SHK	58.79	326	eP		23	12.20	-1.4
YONJ	58.88	327	eP		23	13.80	-0.4
SHNJ	59.34	325	P		23	16.50	-0.9
FKK	59.35	324	P		23	16.00	-1.5
TATO	59.53	311	eP		23	18.07	-0.9
AOMJ	60.11	336	eP		23	24.50	1.9
ERM	60.35	339	ePc		23	22.86	-1.4
			ed		23	28.40	
HOOJ	60.63	339	eP		23	26.70	0.6
KUSJ	60.81	341	eP		23	27.40	0.1
OZH	61.68	309	eP		23	28.00	-5.6X
	Z	22s	6.46um				5.7Msz
N	18s	3.76um					
			S		31	47.00	
KUR	61.85	344	iPd		23	37.50	3.2X
	1.5s	1300.00nm					6.9mb
	Z	18s	9.50um				6.0Msz
N	18s	9.50um					
			(S)		31	46.00	
ASAJ	62.39	340	eP		23	38.50	0.5
SSE	63.42	316	ePc		23	44.23	-0.8
	1.0s	90.00nm					5.9mb
	Z	20s	13.90um				6.1Msz
N	16s	4.80um					
E	16s	3.50um					
			e		23	47.05	
			ePp		23	48.70	14kmX
			S		32	16.00	
HKC	63.75	304	eP		23	48.60	1.3
CSY	64.12	202	eP		23	49.60	0.4
	1.2s	75.30nm					5.7mb
GZH	64.80	304	Pc		23	54.00	-0.2
	1.0s	230.00nm					6.3mb
	Z	23s	4.63um				5.6MszX
N	14s	2.61um					
E	13s	1.37um					
			S		32	32.00	
YSS	64.95	341	ePc		23	54.49	-0.2
	1.0s	110.00nm					6.0mb
	Z	19s	4.00um				5.6Msz
N	19s	3.00um					
			ed		23	58.22	
			ePpD		23	59.30	15kmX
NJ2	65.58	315	Pc		23	59.00	0.0
	1.2s	160.00nm					6.1mb
N	16s	3.28um					
			sP		24	11.00	
			iS		32	45.00	
KGM	65.71	279	ePd		24	01.30	1.0
	1.1s						

[illegible]

NRI	99.57	339	iPd	26	55.20	-1.8		1.2s	130.00nm			Z	22s	7.80um	6.4Msz					
	1.5s	72.00nm			6.0mb		Z	20s	5.50um			N	21s	3.50um						
	Z	20s	17.00um		6.5Msz		N	22s	2.20um	6.2Msz		E	20s	2.90um						
	E	20s	4.60um				E	20s	3.30um											
MBC	99.75	13	eP	27	07.00				i	32	25.00	BAO	133.94	129	PKPd	32	36.00	3.0X		
	KSH	100.16	308	Pdiff	26	58.00	-2.7X		iPP	33	58.00				e	32	40.20			
	Z	24s	6.20um		6.0MszX				i	34	30.00	CFR	133.96	320	ePKP	32	25.00	-7.0X		
				sP	27	10.00			ePKS	35	24.00	CSS	134.09	305	ePKP	32	34.00	1.4		
AAK	101.78	311	ePd	27	07.69	-0.2X			e	35	52.00	VR	134.49	322	ePKPc	32	34.50	1.5		
	TUL	103.46	56	Pdiff	27	20.00	4.8X		eSKKS	41	00.00				e	44	12.50			
	MIAR	105.08	58	Pdiff	27	24.95	2.5X		e	41	30.00	PPCY	134.89	305	ePKP	32	36.60	2.5X		
	Z	21s	7.86um		6.2Msz			ePcSP	43	50.00	ISR	134.97	321	ePKP	32	34.00	0.0			
BRVK	105.65	322	ePd	27	23.00	-1.6			ePcPP	45	14.00	ITU	135.23	315	iPKPd	32	24.00	-10.5X		
	QUE	106.14	298	ePd	27	28.50	0.9		iPKKS	45	32.00	UZH	135.40	328	iPKP	32	35.00	0.4		
			eS	31	31.50			iPPS	46	12.00				e	35	16.00				
	FVM	107.95	54	PKP	31	50.00	7.4X		iSS	51	30.00	OJC	135.61	331	ePKP	32	37.40	2.4X		
SLM	108.15	54	PKP	31	50.00	7.1X			eSKKS	52	00.00		1.3s	81.00nm						
	Z	20s	8.19um		6.3Msz		PYA	124.49	314	iPKP	32	14.50	0.5		i	32	39.40			
	JFWS	108.38	49	PKP	31	50.00	6.8X		1.0s	100.00nm				CMP	135.81	322	ePKPc	32	40.00	4.4X
	Z	19s	25.22um		6.8Msz		KIV	124.77	314	iPKPc	32	13.90	-0.8	LWI	136.06	251	iPKP+	32	32.00	-5.2X
ARU	112.27	325	ePKP	31	54.00	3.9X			i	34	01.00		SPC	136.09	329	ePKP	32	28.00	-8.2X	
			e	32	36.00				i	34	04.10				e	32	38.20			
	MAIO	112.83	304	ePKP	31	52.00	0.0			e	44	00.00			e	35	12.00			
	ASH	113.76	305	ePKP	31	56.00	2.3X			e	44	00.00			e	44	56.80			
KAT	115.37	307	ePKP	32	02.00	5.3X			e	34	03.00		COZ	136.20	322	ePKPc	32	38.00	1.5	
	Z	18s	3.00um		5.9Msz		KAF	124.87	339	ePKP	32	14.10	0.0	ELL	136.21	309	ePKP	32	38.00	1.2
	N	18s	3.00um				LMN	126.01	43	ePKP	32	20.00	3.1X	DEV	136.72	324	ePKPc	32	41.00	3.8X
	E	18s	2.00um				NUR	126.55	338	iPKP	32	16.80	-0.6	BRNL	136.73	337	ePKP	32	36.00	-1.0
MCWV	116.23	53	PKP	32	10.00	11.7X			e	34	12.00		KSP	136.76	334	ePKP	32	26.00	-11.2X	
	Z	21s	24.92um		6.8Msz				ePS	44	24.00			1.2s	89.00nm					
	CEH	116.98	57	PKP	32	10.00	10.2X			ePKP	32	18.20	-1.9		e	35	09.30			
	Z	21s	13.18um		6.5Msz		BUL	127.17	231	ePKP	32	18.20	-1.9	GZR	137.07	323	ePKPd	32	37.50	-0.5
LPB	117.03	117	PKP	32	02.00	1.0			ePKP	32	22.00	1.0	ALN	137.34	316	iPKPc	32	37.86	-0.7	
	DAG	117.37	2	ePKP	31	59.00	-0.4			e	44	25.00		IZM	137.57	312	ePKP	32	35.00	-4.2X
		0.8s	8.21nm		6.2Msz				eSS	51	35.00		8RG	137.72	335	ePKP	32	30.60	-8.4X	
	Z	21s	5.59um		6.2Msz				iPKPc	32	25.70	3.4X		1.3s	90.00nm					
SHI	118.59	296	ePKP	32	02.00	-1.3			iPKP	32	25.80	4.9X	Z	20s	3.50um	6.1Msz				
	RSNY	119.64	47	PKP	32	20.00	15.3X		1.0s	28.00nm		N	20s	2.00um						
	Z	19s	11.74um		6.5Msz				e	34	24.00		E	20s	1.50um					
	SHE	121.09	309	iPKPd	32	05.00	-2.5X			e	44	25.00			i	32	43.00			
SDF	121.16	344	iPKP	32	09.70	2.9X			eSS	51	35.00		VRAC	137.74	332	ePKP	32	43.40	4.4X	
	GRO	122.79	313	iPKPd	32	11.00	0.4			iSKSP	44	38.00			i	35	31.60			
		1.0s	270.00nm		5.9Msz		KRI	128.32	235	iPKPc	32	25.70	3.4X		e	36	19.00			
	Z	18s	2.50um		5.9Msz		AKU	128.46	3	iPKP	32	25.80	4.9X	CLL	137.75	336	ePKP	32	30.00	-9.0X
GRS	123.00	308	iPKPd	32	11.60	0.2			eLQ	07	28.00		Z	20s	3.00um	6.0Msz				
	Z	21s	2.94um		5.9Msz		NAI	128.94	257	ePKP	32	24.00	0.3		i	32	37.80			
	N	19s	0.51um		5.9Msz				ePP	34	30.00	6.1MszX		ePKS	36	17.00				
	E	19s	2.29um		5.9Msz				ePS	35	54.00		TIM	137.75	325	iPKPc	32	45.00	5.8X	
TAB	123.22	306	ePKP	32	12.00	0.1			ePPP	37	34.00		BUD	137.82	328	ePKP	32	38.00	-1.3	
	MTA	123.76	311	iPKPc+	32	12.80	0.2			iSKSP	44	38.00		PRK	137.92	314	ePKP	32	30.00	-9.7X
		0.6s	120.00nm		5.2Msz				iSS	52	04.00		SRO	137.96	329	ePKP	32	34.80	-4.7X	
	Z	18s	0.50um		5.2Msz		UPP	129.41	341	iPKP	32	25.70	2.8X		i	32	44.60			
SLR	123.93	225	iPKPd	32	12.60	-1.1			eLQ	07	28.00			e	33	43.50				
	Z	20s	11.35um		6.5Msz				iPKP	32	22.00	-1.4	PRU	138.15	334	ePKP	32	32.00	-7.8X	
	KIM	124.18	220	iPKPc	32	14.00	-0.1			e	34	20.00		Z	21s	2.60um	5.9Msz			
	ERE	124.28	309	iPKP+	32	17.00	3.2X			e	39	20.00			e	32	41.50			
CIR	124.42	232	iPKPd	32	17.70	3.1X				e	39	20.00			PP	35	16.50			
	OBN	124.47	328	iPKPd	32	16.00	2.5X				e	32	25.10	0.4	SKP	36	19.00			
			i	34	07.00										ePKP	32	37.70	-2.4X		
			e	43	52.00										i	32	44.10			
KAS	131.82	313	ePKP	32	30.00	1.8									e	35	16.60			
	HRI	132.53	302	ePKP	32	30.10	0.3								e	44	09.20			
	KIS	132.63	322	ePKP	32	25.00	-4.4X								e	32	46.00	5.9X		
	Z	20s	4.70um		6.2Msz															
MASJ	132.84	300	PKPd	32	32.90	2.5X														
	MMR	132.85	302	ePKP	32	32.70	2.2X													
	MKRJ	132.94	300	PKP	32	32.20	1.6													
	ADJ	132.99	302	ePKP	32	30.90	0.3													
LVV	133.77	328	iPKP	32	32.00	0.5														
			i	32	31.00															
			i	34	52.00															
			i	32	31.00															

KNT	139.30	318	ePKP	32	35.06	-7.1X	IGT	141.82	317	ePKP	32	41.58	-5.2X	STV	145.70	335	PKP	32	52.04	-1.3
WTS	139.32	342	ePKP	32	37.00	-4.8X	VLO	141.85	319	ePKP	32	43.40	-3.4X	ATN	145.73	319	PKP	32	54.00	0.5
	0.9s	29.00nm					SRN	141.85	318	ePKP	32	43.90	-2.9X	MAF	145.73	341	ePKP	32	53.80	0.5
		ePP	35	43.50			HVAR	142.02	325	ePKP	32	41.00	-6.0X		1.3s	522.75nm				
PAIG	139.39	316	ePKP	32	37.38	-5.0X	OGA	142.04	334	ePKP	32	42.80	-4.4X	IMI	145.73	334	PKP	32	53.28	-0.1
VAY	139.43	318	iPKP	32	33.20	-9.2X	KEK	142.07	318	ePKP	32	45.00	-2.2X	TCF	145.78	342	ePKP	32	53.70	0.3
THE	139.52	317	ePKP	32	40.08	-2.5X	CDF	142.26	339	ePKP	32	41.30	-6.1X		1.3s	550.20nm				
DBN	139.70	343	ePKP	32	44.00	1.5		1.3s	83.40nm				SBF	145.97	334	ePKP	32	54.00	0.2	
Z	22s	2.50um			5.9Msz		SLE	142.35	337	ePKPd	32	42.30	-5.2X		1.3s	1207.25nm				
		ePP	33	23.60			VLS	142.35	315	ePKP	32	43.00	-4.8X	LSF	146.02	343	ePKP	32	54.40	0.7
GRG	139.72	318	ePKP	32	36.10	-6.9X	CTI	142.40	332	PKP	32	43.10	-4.6X		1.3s	658.50nm				
GRF	139.73	336	ePKP	32	36.50	-6.2X	PDCR	142.44	134	ePKP	32	42.10	-6.4X	MFF	146.15	345	ePKP	32	54.80	0.9
Z	19s	3.00um			6.1Msz		OSS	142.56	334	iPKPd	32	44.50	-3.6X		1.3s	802.90nm				
		ePP	35	40.00			ZLA	142.62	337	ePKPd	32	46.00	-2.0	GIO	146.31	319	PKP	32	58.31	3.8X
KMR	139.77	332	ePKP	32	40.00	-2.8X	LLS	142.89	336	ePKPd	32	45.40	-3.2X	MNO	146.35	320	PKPd	32	56.30	1.5
		i	35	21.40			BSF	142.92	338	ePKP	32	43.30	-5.2X	FRF	146.54	335	ePKP	32	55.60	1.0
SKO	139.79	320	iPKP	32	36.40	-6.7X		1.3s	90.60nm					1.1s	390.70nm					
Z	1.6s	301.00nm					HAU	142.93	339	ePKP	32	43.50	-4.9X	MEU	146.70	318	PKP	32	59.93	4.7X
	Z	20s	4.16um		6.2Msz			1.4s	150.30nm					1.5s	346.00nm					
		i	32	49.60			SAL	143.24	333	PKP	32	48.34	-0.6	LRG	146.75	335	ePKP	32	56.60	1.7
		i	35	27.00				0.2s	70.50nm					1.3s	710.50nm					
		i	36	24.50			MDI	143.46	334	PKP	32	45.80	-3.5X		Z	20s	1.95um		5.9Msz	
		i	37	23.00			TMA	143.55	335	iPKPd	32	46.60	-3.2X	LMR	146.79	334	ePKP	32	56.50	1.5
NPS	140.00	308	ePKP	32	39.50	-4.1X	RSM	143.60	329	PKP	32	48.70	-0.9		1.2s	573.60nm				
LIT	140.10	317	iPKPc	32	33.62	-10.1X	ARV	143.67	328	PKP	32	47.70	-2.1X	RJF	146.88	342	ePKP	32	57.00	1.9
BNS	140.11	341	iPKP	32	38.40	-4.9X	VAI	143.79	335	PKP	32	47.50	-2.4X		1.2s	322.50nm				
Z	18s	6.80um			6.4Msz		SFI	143.90	330	PKP	32	48.60	-1.5	CAF	147.05	341	ePKP	32	57.90	2.5X
		ePP	35	40.40			MMK	143.96	336	iPKPd	32	49.30	-1.3		1.4s	555.90nm				
DMU	140.20	355	ePKP	32	46.00	2.6X	CRE	144.07	329	PKP	32	48.20	-2.4X	MCT	147.20	320	PKP	33	01.76	5.7X
ATH	140.28	313	ePKP	32	38.00	-6.0X	ASS	144.12	328	PKP	32	48.10	-2.6X		1.5s	367.20nm				
		e	36	20.00			DIX	144.16	336	iPKPd	32	49.50	-1.4	FAI	147.39	319	PKP	33	00.50	4.3X
KKS	140.37	321	ePKP	32	38.00	-6.1X	AQU	144.23	327	PKP	32	48.80	-2.1X	LFF	147.44	343	ePKP	32	58.60	2.6X
BCI	140.41	321	ePKP	32	38.00	-6.2X	MME	144.25	331	PKP	32	50.00	-1.1		1.4s	630.80nm				
PTJ	140.45	329	ePKP	32	38.00	-5.4X	TDS	144.29	321	PKP	32	49.30	-1.7	LPO	147.54	342	ePKP	32	58.80	2.6X
KZN	140.47	318	ePKP	32	43.00	-1.4	FIR	144.30	330	iPKPc	32	49.50	-1.3		1.1s	160.20nm				
FNA	140.48	318	ePKP	32	42.74	-1.7	ORX	144.30	335	PKP	32	49.02	-2.0	ERC	147.59	322	PKP	33	00.00	3.4X
ZAG	140.49	329	ePKP	32	38.50	-5.6X	ORO	144.31	335	PKP	32	48.60	-2.4X	BCAO	148.04	255	iPKPd	32	57.00	-0.9
PHP	140.57	320	ePKP	32	35.90	-8.6X	SGO	144.35	323	PKP	32	48.80	-2.2X		0.9s	261.00nm				
ENN	140.67	342	ePKP	32	39.00	-5.3X	EMS	144.35	337	PKP	32	48.86	-2.3X			ic	33	02.50		
	1.0s	30.00nm					BOB	144.37	333	PKP	32	49.30	-1.8			id	33	17.90		
		ePP	35	40.00			LOR	144.40	341	ePKP	32	48.90	-2.1X			id	33	46.20		
AGG	140.74	316	iPKPc	32	39.06	-5.8X		1.3s	236.10nm					CGL	148.54	327	PKP	33	01.68	3.6X
DLF	140.76	354	ePKP	32	47.70	3.3X		Z	22s	4.18um		6.2Msz			1.4s	143.50nm				
DCN	140.78	355	ePKP	32	42.50	-1.9	BDI	144.40	331	PKP	32	48.30	-2.8X	ETER	149.10	338	ePKP	33	03.41	4.7X
KBA	140.86	332	iPKPd	32	36.60	-8.4X	SDI	144.45	325	PKP	32	49.00	-2.3X	EPF	149.30	342	ePKP	33	03.30	4.2X
	0.8s	22.00nm					MGR	144.47	322	PKP	32	48.70	-2.6X		1.4s	188.20nm				
		i	32	42.40			LBF	144.61	341	ePKP	32	49.60	-1.8	EGRA	150.26	342	iPKP+	33	05.62	5.2X
		i	32	51.10				1.4s	392.10nm				ECRI	150.48	345	ePKP	33	07.41	6.5X	
FUR	140.92	335	ePKP	32	39.50	-5.4X	RFI	144.63	325	PKP	32	50.68	-0.8	EMON	150.58	353	ePKP	33	05.91	4.9X
LACI	141.05	321	ePKP	32	39.50	-5.8X		1.5s	990.90nm				ESEL	151.25	335	ePKP	33	08.76	6.7X	
LJU	141.05	330	ePKP	32	41.00	-4.2X	GRR	144.64	347	ePKP	32	49.50	-1.8	EROQ	151.26	340	ePKP	33	06.79	4.8X
		ePP	35	35.00				1.2s	299.90nm				STS	151.26	354	ePKP	33	08.44	6.5X	
VBY	141.08	329	e(PKP)	32	37.80	-7.4X	PII	144.69	331	PKP	32	49.30	-2.2X	ERUA	151.59	352	ePKP	33	09.33	6.8X
VBY	141.08	329	ePKP	32	42.00	-3.2X	SSF	144.69	341	ePKP	32	50.10	-1.3	EZAM	152.01	354	ePKP	33	09.89	6.8X
UCC	141.10	343	PKP-	32	49.00	3.9X		1.2s	602.20nm				ETOR	152.03	343	ePKP	33	05.25	1.9X	
		e	36	19.00			GRI	144.74	319	PKP	32	51.08	-0.7	ECHE	152.83	340	ePKP	33	06.33	1.9X
TIR	141.12	320	ePKP	32	40.00	-5.4X		1.3s	1294.20nm				ACU	153.61	339	ePKP	33	19.96	14.4X	
RBL	141.22	331	PKP	32	40.30	-5.3X	LSO	144.78	336	PKP	32	51.63	-0.3	EPLA	153.69	349	ePKP	33	06.65	1.1
LSK	141.32	318	ePKP	32	41.00	-5.0X	LPL	144.89	336	ePKP	32	51.50	-0.6	PAB	153.82	346	iPKPc	33	05.41	-0.5
VOY	141.37	330	ePKP	32	41.90	-4.0X		1.5s	689.45nm				EVIA	154.18	342	ePKP	33	19.76	13.4X	
SNF	141.38	343	ePKP	32	51.30	5.7X	LPG	144.90	336	ePKP	32	51.60	-0.6	EALH	154.55	340	ePKP	33	05.07	-1.7
VLI	141.39	312	ePKP	32	42.00	-4.1X		1.4s	763.25nm				EBAN	154.99	344	ePKP	33	10.40	3.1X	
WTTA	141.47	334	iPKPd	32	40.40	-5.8X	PCP	144.95	334	PKP	32	50.95	-1.1	ENIJ	155.61	340	ePKP	33	13.38	5.1X
	1.3s	69.40nm					SMF	144.95	340	ePKP	32	50.70	-1.2	EHOR	155.67	346	ePKP	33	08.99	0.7
		i	32	55.40				1.2s	537.90nm				EVAL	156.22	349	ePKP	33	09.71	0.7	
		i	35	38.60			AVF	144.98	341	ePKP	32	50.70	-1.2	EPRU	156.49	346	ePKP	33	19.16	9.7X
		i	35	50.00				1.2s	485.55nm				MAL	156.50	344	iPKP+	33	10.00	0.6	
FVI	141.48	332	PKP	32	40.60	-5.3X	RMP	144.98	327	PKP	32	51.50	-0.6			iPP	37	14.00		
WLF	141.56	341	PKP	32	41.00	-4.9X	RSP	144.99	336	PKP	32	50.53	-1.6	EJIF	157.04	346	ePKP	33	17.09	7.0X
		e	32	45.00			RDP	145.01	326	PKP	32	51.70	-0.5	AVE	160.50	348	ePKP	33	14.50	0.4
		e	35	53.00			LPF	145.02	347	ePKP	32	50.90	-1.0			i	33	58.00		
TPE	141.62	319	ePKP	32	42.50	-3.9X		1.2s	480.80nm				TIO	162.74	345	iPKP	33	22.00	5.4X	
RIY	141.62	329	ePKP	32	43.90	-2.3X	CKI	145.15	334	PKP	32	51.10	-1.2			i	34	12.00		
DOU	141.66	342	PKP	32	42.00	-4.1X	BHB	145.24	335	PKP	32	50.76	-1.7	ANTZ	165.64	351	iPKP	33	20.00	0.9
		e	35	47.90			BNI	145.30	336	PKP	32	52.50	-0.2			i	34	11.50		
		e	36	30.00			BGF	145.35	34											

04d 18h

UTAH (478)
Felt (IV) at Grouse Creek and Park Valley; (III) at Clearfield and Magna; (II) at Fielding and Garland. Felt (IV) at Heyburn, Idaho and (III) at Albion, Alma, Buhl, Burley, Corinne, Declo, Elba, Halbrook and Howell, Idaho. Felt (III) at Wells, Nevada and (II) at Jackpot, Nevada. Also felt at Salt Lake City, Utah and Rupert, Idaho.

HVU	0.52	54	iPd	22	20.68	0.1
DUG	1.33	163	iPd	22	35.32	0.6
PTI	1.57	27	ePd	22	37.25	-0.9
DAU	1.90	123	iPnc	22	43.73	0.7
			iPg	22	47.49	
HHA I	1.96	21	ePc	22	43.02	-0.7
TID	2.79	317	P	22	54.30	-1.2
MSU	3.09	163	ePd	22	59.48	-0.4
BW06	3.10	64	iP	23	01.80	1.7
LTMT	3.18	16	ePnd	23	01.20	-0.1
SRU	3.19	137	ePn	23	01.46	0.1
CPI	3.24	319	P	23	00.90	-0.9
MCMT	3.37	6	iPnd	23	03.80	-0.2
			iPg	23	07.10	
TPMT	3.48	20	iPnd	23	05.60	0.1
ARUT	3.68	181	P	23	08.35	0.0
BGMT	3.88	14	ePnd	23	10.90	-0.2
HBMT	4.35	7	ePnd	23	17.10	-0.8
KVN	4.37	238	iPnc	23	17.35	-0.8
			iPg	23	32.02	
LRM	4.40	8	ePnd	23	17.60	-0.9
MEMT	4.48	22	ePn	23	19.40	-0.2
LCCM	4.49	13	ePn	23	19.20	-0.6
TNP	4.52	223	ePn	23	19.75	-0.4
			ePe	23	27.08	
BUT	4.58	7	e(P)	23	27.19	6.2X
8UT	4.58	7	ePg	23	30.50	9.5X
			iSg	24	30.00	
SXM	4.92	18	e(P)	23	32.27	6.3X
BONR	5.19	229	P	23	29.11	-0.8
HCK	5.28	232	ePc	23	48.60	17.6X
HRY	5.35	11	ePn	23	28.60	-3.3X
CMB	6.42	240	ePc	23	45.80	-1.2
			eS	25	27.47	
VTHM	6.44	308	P	23	50.96	3.7X
TCO	6.63	296	P	23	51.00	1.0
FRI	6.67	230	ePc	23	51.00	0.6
			eS	25	40.00	
OT2	6.75	323	P	23	52.29	0.8
VGB	6.75	309	P	23	52.01	0.4
LOCW	6.84	322	P	23	53.75	1.0
WRD	6.90	325	P	23	54.78	1.2
MDW	6.92	320	P	23	56.61	2.8X
WAH2	6.93	322	P	23	54.86	0.9
BRVW	6.94	318	P	23	54.98	0.7
GL2	7.04	312	P	23	55.60	0.0
BVW	7.12	321	P	23	55.94	-0.7
MXC	7.15	318	P	23	57.06	-0.1
DPW	7.28	333	P	24	01.03	2.1X
NEW	7.30	340	ePn	24	00.00	0.7
EPH	7.39	325	P	24	01.05	0.5
GULW	7.46	309	P	24	02.36	0.8
EBG	7.52	319	P	24	02.54	0.2
ASR	7.58	311	P	24	03.20	-0.1
SAW	7.58	327	P	24	02.61	-0.6
LLA	7.65	233	eP	24	05.53	1.4
TBM	7.72	320	P	24	04.94	-0.2
PRI	7.81	229	eP	24	08.58	2.1X
SAO	7.86	236	eP	24	34.84	27.8X
WPW	7.89	314	P	24	07.21	-0.3
ETW	7.91	323	P	24	06.30	-1.5
PRS	8.09	233	eP	24	28.09	17.7X
SES	9.07	9	P	24	25.00	1.2
	0.7s		19.80nm			5.6mb X
MEO	13.39	115	iPd	25	22.30	-0.2
LNO	14.78	106	e(P)	25	39.50	-1.1
ULM	14.97	48	eP	25	44.00	0.8
UYO	16.58	110	iPc	26	03.10	-1.0
FVM	17.95	94	(P)	26	21.50	0.3
	1.0s		30.00nm			4.4mb
JSC	26.21	95	eP	27	47.08	0.5
RSNY	28.36	71	(P)	28	10.97	4.9X
	0.8s		3.33nm			4.2mb

S.D. = 0.8 on 51 of 63 obs.

* NOV 04, 1992 18h 59m 10.30 ± 1.76s
14.152 S ± 10.0km 167.603 E ± 12.4km
DEPTH = 35.7 ± 13.9 km
4.7mb (5 obs.)

VANUATU ISLANDS (186)

BKM	3.55	170	iP	00	06.00	1.6
			iS	00	49.00	
DZM	7.95	188	iPc	01	04.30	-2.2
			iS	02	39.30	
HNR	8.84	301	eP	01	19.00	0.3
SVO	9.10	302	P	01	22.00	-0.4
			S	03	09.00	
RMO	21.48	232	eP	04	00.00	1.9
ARMA	21.88	220	eP	04	04.50	2.4X
STK	29.62	229	eP	05	15.00	0.4
	0.5s		17.90nm			5.1mb
WB2	32.27	255	eP	05	37.00	-1.1
	1.1s		5.70nm			4.4mb
ASPA	33.18	248	eP	05	45.10	-0.9
	1.5s		13.00nm			4.6mb
WARB	40.11	246	eP	06	44.70	0.2
MEEK	47.31	247	eP	07	42.50	-0.2
CN2	69.32	329	eP	10	20.00	3.8X
	1.0s		6.10nm			4.6mb
TIY	73.06	317	eP	10	39.00	0.1
CHG	75.14	294	eP	10	52.80	1.6
8TO	76.20	319	eP	11	00.80	3.8X
GTA	82.50	314	eP	11	31.00	0.0
	1.0s		9.00nm			4.8mb
GEC2	139.28	334	ePKPd	18	33.00	-2.6X
	0.8s		0.44nm			
RSM	143.51	329	PKP	18	43.10	0.1
SFI	143.81	330	PKP	18	43.10	-0.5
FIR	144.21	330	ePKP	18	43.00	-1.2
LOR	144.30	341	ePKP	18	42.70	-1.7
	0.7s		3.95nm			
LBF	144.52	341	ePKP	18	43.10	-1.7
	1.0s		6.80nm			
GRR	144.55	347	ePKP	18	43.00	-1.7
	1.0s		9.60nm			
SSF	144.60	341	ePKP	18	43.70	-1.2
	1.2s		30.95nm			
LPL	144.80	336	iPKPc	18	44.80	-0.8
	0.9s		9.00nm			
LPG	144.81	336	iPKPc	18	44.90	-0.8
	0.8s		7.50nm			
SMF	144.86	340	ePKP	18	44.40	-0.9
	1.1s		23.70nm			
AVF	144.89	341	ePKP	18	44.40	-0.9
	1.0s		20.80nm			
LPF	144.93	347	ePKP	18	44.60	-0.7
	1.0s		17.80nm			
8NI	145.21	336	PKP	18	46.00	-0.1
8GF	145.25	341	iPKPc	18	45.80	-0.2
	0.9s		20.95nm			
SURF	145.63	335	PKP	18	47.78	0.8
MAF	145.64	341	ePKP	18	47.40	0.7
	1.2s		23.80nm			
TCF	145.69	342	ePKP	18	47.30	0.5
	1.1s		19.05nm			
SBF	145.87	334	iPKPc	18	47.60	0.4
	0.7s		9.50nm			
LSF	145.92	343	ePKP	18	48.10	1.0
	1.3s		36.10nm			
PGF	146.21	331	iPKPc	18	48.90	1.0
	0.8s		20.95nm			
FRF	146.45	335	iPKPc	18	49.30	1.2
	0.9s		19.00nm			
LRG	146.66	335	iPKPc	18	50.20	1.8
	1.2s		35.40nm			
LMR	146.69	334	iPKPc	18	50.10	1.7
	1.1s		18.80nm			
RJF	146.79	342	ePKP	18	50.60	2.0
	1.1s		12.95nm			
BCAO	148.02	255	iPKPd	18	54.10	2.6X
	0.5s		8.00nm			

S.D. = 1.2 on 37 of 42 obs.

% NOV 04, 1992 19h 11m 44.19 ± 0.90s
42.976 N ± 7.1km 18.758 E ± 5.9km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.6 (TTG).

BRY 0.17 244 iPgd 11 48.39 0.2

NKY	0.24	133	iSg	17	51.27	
			iPgc	11	49.70	0.3
			iSg	11	54.38	
PLE	0.58	53	iPgd	11	55.82	-0.3
			iSg	12	04.32	
TTG	0.66	146	iPgc	11	56.63	-0.7
			iSg	12	06.95	
BDV	0.69	176	iPgc	11	57.82	-0.1
			iSg	12	07.19	
IVA	0.84	97	iPgd	12	00.73	0.2
			iSg	12	13.69	
PVY	0.97	113	iPgd	12	03.13	0.4
			iSg	12	17.92	
ULC	1.08	160	ePg	12	04.47	0.0
			iSg	12	20.30	

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

& NOV 04, 1992 19h 26m 26.48s
59.792 N 153.256 W
DEPTH = 114.5km
SOUTHERN ALASKA (2)
<AEIC>.

OPT	0.14	175	iPc	26	41.81	0.8
			eS	26	53.77	
INW	0.28	13	ePc	26	42.08	0.6
INE	0.29	20	iPc	26	42.27	0.7
			eS	26	55.02	
AUL	0.42	193	iPd	26	42.94	-0.6
			eS	26	55.89	
AUW	0.44	195	iPd	26	42.95	-0.7
AUE	0.44	188	eP	26	42.88	-0.8
AUP	0.44	191	ePd	26	43.11	-0.7
AUH	0.44	193	iPd	26	43.06	-0.7
AUI	0.47	191	iPd	26	42.96	-0.9
			eS	26	55.29	
PDB	0.47	270	iPd	26	42.90	-1.0
			eS	26	55.60	
RED	0.67	21	iPc	26	44.58	-0.9
			eS	26	58.46	
RS1	0.72	20	iPc	26	45.12	-0.8
			eS	26	59.36	
RS2	0.72	20	iPc	26	45.14	-0.8
			eS	26	59.60	
RSO	0.72	20	iPc	26	45.11	-0.8
			eS	26	59.59	
RDW	0.73	18	iPc	26	45.13	-0.9
			eS	26	59.46	
REF	0.75	21	iPc	26	45.34	-0.9
			eS	26	59.78	
RDN	0.77	19	eP	26	45.34	-0.9
NCT	0.79	12	iPc	26	45.57	-0.9
			eS	27	00.31	
MCNL	0.82	223	iPd	26	45.51	-1.1
			eS	26	59.87	
HOM	0.83	99	ePc	26	46.01	-0.6
			eS	27	01.66	
XLV	0.85	113	eP	26	46.00	-0.9
			eS	27	01.28	
DFR	0.85	19	iPc	26	46.12	-0.9
CNPM	1.06	104	iPc	26	47.81	-1.2
			eS	27	04.31	
BRK	1.20	90	ePd	26	49.28	-1.2
			eS	27	06.96	
SYI	1.27	159	eP	26	50.26	-0.9
BKG	1.37	21	iPc	26	51.84	-0.7
			eS	27	11.12	
NKA	1.39	46	eP	26	53.38	0.8
CKL	1.48	17	iPd	26	53.14	-0.7
			eS	27	14.02	

PLRM	2.72	47	eP	27	08.28	-1.2
LTI	2.73	82	eP	27	08.10	-1.6
KNIM	2.82	76	ePc	27	08.46	-2.5
KNK	2.87	53	eP	27	09.74	-1.9
GMO	2.91	45	eP	27	10.25	-1.9
SML	3.15	48	iPc	27	13.00	-2.3
GLI	3.25	68	eP	27	14.73	-2.0
TTA	3.42	338	P	27	17.30	-1.7
HIN	3.44	77	eP	27	16.66	-2.6
FID	3.51	71	eP	27	17.37	-2.8
SCM	3.55	52	eP	27	18.68	-2.2
VZW	3.56	66	eP	27	19.72	-1.1
VLZ	3.68	66	eP	27	21.10	-1.4
CVA	3.83	75	eP	27	21.61	-2.8
KTH	3.94	15	eP	27	24.42	-1.6
TRF	3.94	20	eP	27	24.34	-1.8
KLU	3.99	62	eP	27	24.26	-2.6
SGAM	4.09	77	eP	27	25.55	-2.5

63 obs. associated

NOV 04, 1992 19h 27m 57.20 ± 0.46s
 41.458 N ± 5.2km 14.870 E ± 4.0km
 DEPTH = 7.0 ± 3.4 km
 SOUTHERN ITALY (390)
 ML 3.1 (TTG).

DUI	0.37	303	P	28	04.70	0.0
SDI	0.83	288	P	28	11.80	-1.8
SGO	0.96	160	P	28	15.40	-0.3
AQU	1.41	310	P	28	24.40	1.0
MGR	1.42	158	P	28	22.40	-1.0
BRT	1.85	107	P	28	29.20	-0.5
HVAR	2.08	34	eP	28	32.60	-0.3
TDS	2.12	148	P	28	35.60	2.1
ASS	2.30	315	P	28	36.80	0.6
ARV	2.49	326	P	28	39.40	0.6
BDV	3.07	73	iPnd	28	46.80	-0.2
BRY	3.09	61	iPnc	28	47.45	0.1
ULC	3.32	80	iPnd	28	50.84	0.2
NKY	3.36	65	iPnd	28	51.00	-0.2
TTG	3.42	72	iPnc	28	51.85	-0.1
PLE	3.84	59	iPnd	28	57.99	-0.1
PVY	3.97	72	iPnd	28	59.78	-0.1
IVA	4.00	68	iPnd	29	00.10	-0.2
VBY	4.06	4	eP	29	24.00	23.0X
GEC2	7.43	354	Pn	29	45.20	-3.5X

S.D. = 0.9 on 18 of 20 obs.

NOV 04, 1992 20h 03m 25.91 ± 1.10s
 51.141 N ± 11.8km 15.792 E ± 5.5km
 DEPTH = 5.0km (geophysicist)
 POLAND (548)
 ML 3.4 (GRF).

KSP	0.44	133	iPd	03	33.80	-0.8
BRG	1.20	258	iPg	03	49.00	0.3
PRU	1.40	215	Pn	03	52.00	-0.1
CLL	1.76	277	ePg	03	54.30	-0.2
VRAC	1.91	164	ePn	03	59.90	0.6
KHC	2.47	216	Pn	04	07.50	0.1

GEC2	2.67	211	Sg	04	59.00	0.3
MOX	2.69	261	iPg	04	16.70	6.1X
OJC	2.71	108	iP	04	11.40	0.5
ZST	3.07	163	eP	04	53.20	37.3X
GRF	3.26	245	ePnc	04	18.20	-0.5
SPC	3.47	123	eP	04	30.50	8.7X

S.D. = 0.6 on 9 of 12 obs.

* NOV 04, 1992 20h 31m 04.05 ± 0.57s
 0.590 S ± 11.1km 17.466 W ± 8.3km
 DEPTH = 10.0km (geophysicist)
 5.0mb (46 obs.) 4.6Msz (2 obs.)
 NORTH OF ASCENSION ISLAND (407)

LIC	14.14	61	P	34	25.28	-1.4
TIC	14.35	60	P	34	27.78	-1.6
KIC	14.46	61	P	34	29.76	-1.0
MBO	14.89	2	iP	34	29.00	-7.5X
PDCR	24.53	240	eP	36	19.30	-5.9X
ANTZ	29.81	14	iP	37	20.00	6.5X
TIO	32.81	16	iP	37	41.00	1.0
BAO	33.63	242	Pd	37	49.70	2.4X
AVE	35.01	15	iP	37	54.00	-4.9X
IFR	35.86	18	iP	38	09.00	2.7X
EJIF	38.50	16	eP	38	32.00	3.7X
EPRU	39.05	16	eP	38	35.50	2.6X
ECOG	39.82	17	eP	38	40.00	0.6
EHOR	39.85	15	eP	38	41.00	1.5
EBAN	40.57	17	eP	38	46.00	0.5
EPLA	41.78	13	eP	38	57.00	1.7
TOL	42.10	15	iPd	38	56.60	-1.4
ECHE	42.75	19	eP	39	03.00	-0.3
GUD	42.79	15	eP	39	06.00	2.2X
EGRA	45.32	18	eP	39	22.50	-1.4
EPF	46.28	18	eP	39	31.30	-0.3
LPO	48.03	18	eP	39	44.40	-1.0
LFF	48.13	17	eP	39	45.50	-0.6
CAF	48.52	18	eP	39	48.40	-0.8
RJF	48.69	18	eP	39	49.50	-1.0
LMR	48.72	23	eP	39	50.20	-0.5
KIM	49.09	129	iPd	40	00.50	6.5X
MFF	49.40	16	eP	39	54.60	-1.3
SBF	49.53	24	eP	39	56.40	-0.7
LSF	49.55	17	eP	39	56.10	-1.0
TCF	49.79	18	eP	39	58.40	-0.6
MAF	49.84	18	eP	39	59.00	-0.3
BNI	50.24	22	P	40	02.10	-0.4
TDS	50.59	34	P	40	05.40	0.3
AVF	50.60	18	eP	40	04.30	-0.7
LPG	50.64	22	eP	40	05.80	0.0
LPL	50.65	22	eP	40	05.70	-0.1
SLR	50.67	123	iPd	40	11.30	5.1X

SDI	50.72	30	P	40	06.10	0.0
GRR	50.87	14	eP	40	05.70	-1.4
SSF	50.88	18	eP	40	06.50	-0.7
LBF	50.97	19	eP	40	07.00	-0.9
AQU	51.00	29	P	40	10.90	2.7X
DUI	51.01	31	P	39	47.90	-20.5X
FIR	51.09	27	eP	40	04.00	-4.8X
BOB	51.10	24	P	40	04.50	-4.5X
LOR	51.18	19	eP	40	08.40	-1.1
LDF	51.24	15	eP	40	09.40	-0.5
FLN	51.31	14	eP	40	08.80	-1.6
DIX	51.38	22	ePc	40	13.60	2.2X
SFI	51.47	27	P	40	13.30	1.7
MMK	51.57	22	ePc	40	14.70	1.9
ARV	51.64	28	P	40	13.90	0.8
TMA	51.96	23	ePc	40	16.20	0.5
LPB	52.32	250	P	40	20.70	1.6
HAU	52.64	20	eP	40	19.20	-1.4
LLS	52.64	23	ePc	40	21.50	0.7
BSF	52.65	20	eP	40	19.10	-1.6
ZLA	52.93	22	ePc	40	23.80	1.1
OSS	52.94	24	ePc	40	23.60	0.6
CTI	53.05	25	P	40	22.70	-1.0
SLE	53.20	22	ePc	40	26.00	1.3
CDF	53.31	20	eP	40	24.20	-1.4
OGA	53.45	24	eP	40	27.90	1.2
TRI	53.71	27	e(P)	40	27.00	-1.4
RIY	53.72	27	eP	40	28.40	0.0
DOU	53.91	17	P	40	31.00	1.2
ATH	53.95	40	eP	40	33.50	3.3X
WTTA	54.01	24	iPd	40	29.20	-1.6
VOY	54.02	27	eP	40	30.70	-0.1
RBL	54.19	26	Pc	40	31.90	-0.1
VBY	54.24	28	iPc	40	32.50	0.2
FUR	54.59	23	iPc	40	36.00	1.1
ZAG	54.82	28	eP	40	53.80	17.3X
PTJ	54.87	28	eP	40	39.00	2.0
BHG	54.89	25	iPc	40	37.90	0.8
ENN	54.91	18	eP	40	38.00	0.9
SKO	55.01	35	iP	40	38.20	0.2
VAY	55.25	36	iP	40	42.40	2.6X
GRF	55.81	22	eP	40	45.00	1.3
GEC2	56.11	24	ePd	40	44.40	-1.6
WTS	56.25	18	eP	40	48.00	1.2
KHC	56.29	24	iPc	40	48.00	0.8
MOX	56.74	22	eP	40	51.40	1.0
VKA	56.79	26	eP	40	42.00	-8.8X
EKA	56.96	10	P	40	52.00	0.2
ZST	57.09	27	iP	40	51.60	-1.3
PRU	57.35	24	eP	40	55.50	0.8
SRO	57.37	28	iP	40	55.70	0.9
VRAC	57.69	26	iPc	40	58.10	1.1
CLL	57.79	22	iPc	40	58.60	0.9
BRG	57.81	23	eP	40	59.00	1.1

04d 20h

PSZ 58.19 29 ePc 41 02.30 1.6
 SAGI 58.25 53 eP 41 03.10 1.7
 KSP 58.72 24 ePc 41 05.00 0.7
 SPC 59.25 28 eP 41 10.60 2.4X
 ZNT 59.30 51 eP 41 10.60 1.9
 MLR 59.75 34 ePc 41 11.00 -0.7
 OJC 59.78 27 eP 41 13.50 1.9
 e 41 20.20
 UZH 59.85 29 eP 41 09.00 -3.1X
 e 41 21.50
 ISR 59.88 35 eP 41 09.00 -3.5X
 HRI 60.25 51 eP 41 17.20 1.9X
 VRI 60.42 34 eP 41 14.00 -2.1
 BHL 60.43 50 P 41 18.00 1.5
 HFS 65.20 17 eP 42 02.00 14.4X
 1.2s 20.30nm
 NB2 65.29 15 P 41 49.20 1.0
 1.2s 12.60nm 5.0mb
 CEH 67.67 309 eP 42 03.37 -0.4
 0.7s 10.99nm 5.2mb
 NUR 69.01 21 eP 42 10.60 -1.0
 0.6s 3.60nm 4.7mb
 ERE 69.30 46 eP 42 20.00 6.1X
 KIV 69.37 42 iPc 42 17.00 2.7X
 PYA 69.65 42 eP 42 19.00 3.1X
 1.3s 150.00nm 6.0mb
 i 42 26.00
 TAB 69.98 49 eP 42 20.00 1.8
 GRS 70.42 47 eP 42 21.00 0.1
 1.5s 40.00nm 5.3mb
 KAF 70.70 20 eP 42 20.80 -1.1
 1.0s 17.60nm 5.1mb
 OBN 70.80 30 iPc 42 24.00 1.4
 1.2s 22.00nm 5.2mb
 i 42 32.00
 e 45 05.00
 GRO 71.19 43 iPc 42 28.00 2.8X
 MOS 71.63 29 eP 42 25.00 -2.6
 e 42 41.00
 NVL 72.62 170 eP 42 40.00 6.7X
 1.6s 20.00nm 5.0mb
 e 42 50.00
 e 42 59.00
 ELC 75.91 309 eP 42 51.31 -1.6
 FVM 76.98 309 eP 42 57.39 -1.5
 0.6s 17.57nm 5.3mb
 OLY 77.35 307 eP 42 59.81 -1.2
 ASH 79.20 51 eP 43 14.00 2.9X
 UYO 79.58 305 iPc 43 12.40 -0.9
 MAIO 79.85 53 iPd 43 17.00 2.2X
 0.9s 12.79nm 4.9mb
 ARU 82.80 33 eP 43 32.00 2.3X
 MEO 83.04 305 iPc 43 31.50 0.1
 SVE 83.98 33 eP 43 39.50 3.8X
 RSSD 87.94 314 eP 43 56.56 0.7
 1.0s 5.45nm 4.8mb
 BRVK 89.11 37 eP 44 04.00 3.1X
 1.7s 12.00nm 4.9mb
 SPA 89.41 180 iPc 44 00.30 -2.0
 0.8s 9.17nm 5.1mb
 BW06 91.94 313 eP 44 15.00 0.4
 1.0s 2.00nm 4.4mb
 SES 92.74 320 eP 44 18.00 0.2
 DAU 93.27 310 eP 44 21.64 0.8
 MBC 93.40 346 eP 44 22.00 1.7
 0.9s 4.00nm 4.8mb
 STK 142.10 150 ePKP 50 38.10 -0.8
 0.3s 1.50nm
 ASPA 143.19 133 iPKPc 50 41.50 0.4
 1.3s 9.00nm
 WB2 145.66 128 ePKP 50 49.30 4.0X
 0.5s 5.40nm
 i 51 00.80
 RMO 149.98 155 ePKP 51 02.00 10.0X
 S.D. = 1.2 on 101 of 138 obs.
 ? NOV 04, 1992 20h 34m 36.93±15.71s
 38.082 N ±134.km 21.683 E ±26.9km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 ML 2.3 (THE).
 AGG 1.07 28 ePg 34 57.14 0.1
 eSg 35 07.30
 IGT 1.79 324 ePb 35 08.14 0.0
 eSb 35 26.94
 LIT 2.11 17 ePbd 35 11.82 -0.9

GRG 2.92 11 ePn 35 24.26 -0.1
 SOH 3.03 25 ePn 35 25.82 0.0
 eSn 35 57.30
 KNT 3.22 17 ePn 35 29.26 0.8
 VAY 3.31 12 ePn 35 32.80 3.1X
 S.D. = 0.7 on 6 of 7 obs.
 * NOV 04, 1992 21h 12m 43.11±1.27s
 33.045 S ±13.4km 138.670 E ±17.9km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF AUSTRALIA (600)
 ML 3.1 (BFD).
 STK 2.73 66 eP 13 28.10 0.3
 iPg 13 31.00
 iS 13 59.20
 BFD 5.20 143 eP 14 03.30 0.5
 e 14 23.00
 eS 15 00.00
 TOO 7.17 131 eP 14 30.00 -0.6
 eS 15 43.90
 ASPA 10.24 335 eP 15 14.40 1.2
 iS 17 03.00
 WB2 13.60 342 iPc 15 57.20 -1.4
 eS 18 27.90
 S.D. = 1.4 on 5 of 5 obs.
 * NOV 04, 1992 21h 24m 34.83±2.89s
 37.832 N ±19.6km 27.454 E ±23.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.1 (ISK).
 CIN 0.55 115 ePg 24 46.00 0.0
 iSg 24 49.00
 IZM 0.58 345 iPg 24 46.90 0.2
 iSg 24 55.90
 KHL 1.71 73 ePn 25 05.00 0.2
 DST 1.99 27 ePn 25 08.70 -0.3
 KCT 2.51 16 iPn 25 17.00 0.6
 EDC 2.53 7 ePn 25 16.00 -0.6
 S.D. = 0.6 on 6 of 6 obs.
 NOV 04, 1992 21h 32m 33.99±0.11s
 31.565 S ±2.6km 71.565 W ±3.6km
 DEPTH = 18.0km (geophysicist)
 5.8mb (63 obs.) 5.9Msz (52 obs.)
 NEAR COAST OF CENTRAL CHILE (135)
 Mo=4.0×10¹⁸ Nm (PPT). Felt (V)
 at Santiago and Iloapel; (IV) at
 La Serena. Also felt (IV) at
 Mendoza, Argentina. Depth from
 broadband displacement
 seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=155 Dip=75 Slip= 90
 NP2: 335 15 90
 Principal Axes:
 T P1g=60 Azm= 65
 P 30 245
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 RADIATED ENERGY
 No. of sta: 19 Focal mech. M
 Energy 1.1±0.2×10¹³ Nm
 MOMENT TENSOR SOLUTION
 Dep 31 No. of sta: 16
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr= 2.52 Mtt=-1.71
 Mff=-0.81 Mrt= 1.83
 Mrf=-3.88 Mtf= 2.69
 Principal axes:
 T Vol= 5.08 P1g=57 Azm= 89
 N 0.82 19 327
 P -5.90 26 227
 Best Double Couple: Mo=5.5×10¹⁷
 NP1:Strike=280 Dip=26 Slip= 41
 NP2: 153 74 110
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 42S, **C
 Centroid Location:
 Origin Time 21:32:41.1 0.2

Lot 31.98S 0.02 Lon 72.21W 0.03
 Dep 19.2 1.4 Half-duration 2.5
 Moment Tensor; Scale 10¹⁸ Nm
 Mrr= 1.08 0.02 Mtt=-0.02 0.03
 Mff=-1.05 0.03 Mrt= 0.06 0.05
 Mrf=-0.73 0.08 Mtf= 0.03 0.02
 Principal Axes:
 T Val= 1.31 P1g=73 Azm= 84
 N -0.02 1 177
 P -1.28 17 268
 Best Double Couple: Mo=1.3×10¹⁸
 NP1:Strike= 0 Dip=28 Slip= 93
 NP2: 177 62 89
 JACH 1.39 144 iPd 32 59.82 1.3
 IHA 1.46 183 eP 32 59.40 0.0
 ROCH 1.48 162 iPd 33 00.24 0.3
 TLL 1.54 25 iPd 33 04.70 3.9X
 PEL 1.74 155 iP+ 33 04.79 1.2
 iS 33 26.80
 LCCH 1.91 180 iP+ 33 05.20 -0.7
 SAN 2.03 158 iP+ 33 08.53 0.8
 (S) 33 27.94
 FCH 2.06 149 iP+ 33 09.89 1.4
 TACH 2.15 166 iP+ 33 09.62 0.2
 PCH 2.23 157 iP+ 33 11.44 0.7
 RTCB 2.36 89 iPc 33 18.80 6.3X
 LNV 2.39 177 iPd 33 11.56 -1.2
 ZON 2.46 90 iPd 33 21.00 7.0X
 CHCH 2.48 162 iP 33 14.29 0.1
 MDZ 2.65 120 iP 33 21.90 5.3X
 iS 33 51.50
 RTLL 2.66 86 iPd 33 22.00 5.3X
 (S) 34 07.50
 CFA 2.84 92 ePd 33 24.90 5.6X
 RFA 4.12 142 iPc 33 39.30 1.8
 MRA 5.05 101 ePc 33 53.00 2.5
 CYA 5.89 60 eP 34 04.50 2.0
 TCA 5.96 90 iP 34 04.50 1.0
 SLA 8.66 40 ePc 34 41.60 0.1
 LPA 11.89 110 iPd+ 35 24.00 -1.5
 1.0s 1120.00nm 7.1mb X
 iPP 35 35.20
 eS 37 34.00
 LPB 15.29 13 Pc 36 14.30 3.3X
 Z 16s 81.95um 4.9Msz
 S 39 20.00
 LR 41 11.00
 NNA 20.08 345 ePc 37 10.04 0.7
 VAO 23.43 75 eP 37 43.40 0.4
 e 37 53.40
 e 38 02.60
 e 38 06.40
 e 38 14.50
 e 38 27.20
 BAO 26.71 59 Pd 38 13.20 -1.0
 e 38 14.90
 BDF 26.75 59 ePc 38 14.29 -0.3
 PSO 33.03 349 eP 39 13.50 2.7
 AIA 34.01 175 eP 39 19.00 0.7
 PDCR 35.34 65 eP 39 23.80 -6.5X
 e 39 30.10
 BOG 36.06 356 iPc 39 40.00 3.2X
 iS 45 20.00
 BMG 38.44 358 eP 39 57.00 0.5
 CAR 42.07 7 iPd 40 27.00 0.6
 BIM 46.91 14 iPd 41 04.93 -0.3
 MYM 46.98 14 eP 41 04.98 -0.8
 FDF 47.10 14 ePc 41 05.50 -1.3
 CRM 47.17 14 eP 41 05.89 -1.4
 MGP 49.47 6 iP 41 24.10 -1.0
 PORP 49.56 6 iP 41 25.00 -0.8
 CLLP 49.59 6 P 41 24.00 -2.0
 CPD 49.62 7 P 41 24.50 -1.7
 LRS 49.78 6 P 41 26.00 -1.5
 IIT 56.46 329 (P) 42 19.00 1.6
 PPM 56.64 329 eP 42 20.00 1.0
 TPM 56.76 329 (P) 42 19.50 0.1
 MRX 58.36 327 (P) 42 32.00 1.6
 NVL 58.40 157 iPc+ 42 27.80 -2.4
 2.0s 428.00nm 6.2mb
 Z 20s 6.70um 5.8Msz
 N 20s 2.00um
 E 20s 5.70um
 e 42 42.00
 e 42 55.00
 eS 50 28.00

		e	50	40.00		WLVO	75.38	355	P	44	17.95	0.2	HVU	82.27	330	eP	44	55.24	-0.3	
		()	50	49.00		MAW	75.40	164	iPc	44	16.60	-1.1	CSY	82.45	181	eP	44	56.60	0.7	
		eSS	56	17.00			1.0s	153.00nm				6.0mb		1.0s	37.10nm			5.4mb		
SPA	58.61	180	iPc	42	30.40	-1.6	Z	20s	18.00um			6.4Msz				i	44	59.10		
	2.0s	1250.00nm			6.7mb															
Z	20s	3.60um			5.5Msz		SUR	75.66	119	(P)	44	21.09	0.9	KVN	82.51	325	ePc	44	57.74	0.9
MZX	63.87	324	(P)	43	08.00	0.3	RSNY	75.80	358	ePc	44	20.22	0.1	CMB	82.86	323	ePc	44	59.12	0.6
HBF	64.69	352	eP	43	12.37	-0.4		0.8s	145.59nm			6.1mb			1.0s	26.89nm			5.3mb	
SGS	64.96	352	eP	43	14.07	-0.5	Z	21s	3.58um			5.6Msz		Z	18s	2.24um			5.6Msz	
PRM	66.09	350	eP	43	20.63	-1.2	EMM	76.03	3	eP	44	22.37	1.0			eP	45	04.25	16kmX	
JSC	66.13	351	eP	43	20.79	-1.2	JFWS	76.07	346	ePc	44	20.87	-0.9	ARN	82.94	322	eP	45	00.19	1.2
LHS	66.27	352	eP	43	21.17	-1.8		0.8s	88.59nm			5.9mb		COE	82.95	322	ePd	45	00.29	1.4
CEH	67.47	353	ePc	43	30.54	0.0	Z	18s	4.78um			5.8Msz		PTI	83.00	331	eP	44	59.87	0.6
	0.8s	104.77nm			6.0mb				eP	44	26.83	19kmX		HHA	83.35	331	ePd	45	01.68	0.6
Z	21s	2.99um			5.5Msz				eSPd	44	29.23			HMR	83.69	322	(P)	45	03.47	0.8
		eP	43	36.00	18kmX		GLA	76.15	324	eP	44	22.55	0.0	ANTZ	83.74	51	iPd	45	04.00	0.8
		eSPd	43	38.57			MIM	76.48	2	eP	44	24.44	0.5	ULM	84.26	345	ePd	45	07.50	2.2
		S	52	33.93			LMN	77.30	5	eP	44	32.00	3.5X	NTYM	84.31	322	ePd	45	07.51	1.7
TKL	67.84	349	eP	43	31.47	-1.5	PFO	77.43	323	ePc	44	29.78	0.1	ORV	84.58	324	eP	45	07.89	0.7
UYO	68.85	340	iPc	43	38.00	-1.2			ePd	44	35.49	18kmX	SLR	84.65	117	iPc+	45	05.50	-2.6	
BLA	68.92	352	eP	43	39.15	-0.5			eSPd	44	39.63			1.0s	170.00nm			6.2mb		
	0.9s	41.92nm			5.6mb		PLM	77.44	322	ePc	44	31.09	1.2	Z	18s	21.31um			6.6Msz	
MIAR	68.95	341	ePc	43	38.63	-1.2	GLD	77.52	334	eP	44	32.00	1.8	JAQ	85.09	358	eP	45	08.50	-0.8
	1.0s	31.08nm			5.4mb			1.2s	117.17nm			5.8mb		ODZ	85.11	219	eP	45	10.80	0.9
		eP	43	44.67	19kmX		Z	18s	3.22um			5.7Msz		KHZ	85.18	222	P	45	11.40	1.1
		eSPd	43	47.41			GOL	77.54	334	ePc	44	30.43	0.1	LWEM	85.36	324	eP	45	12.28	1.0
NAV	69.06	352	eP	43	39.56	-1.0		1.0s	58.63nm			5.6mb		LRM	85.47	333	ePc	45	11.60	-0.2
OLY	69.28	343	eP	43	40.34	-1.5	Z	18s	3.86um			5.8Msz		LTZ	85.68	222	P	45	13.30	0.4
MBO	69.49	58	Pc	43	43.00	-0.5			eP	44	36.47	19kmX	WDC	85.88	324	ePc	45	12.13	-1.5	
GRT	69.52	345	eP	43	43.21	-0.1			eSPd	44	38.71			0.9s	33.34nm			5.5mb		
CBN	69.62	355	eP	43	44.80	1.0			S	54	25.28		Z	20s	2.47um			5.6Msz		
	1.0s	57.00nm			5.7mb		CHIE	78.00	47	iPc	44	33.90	1.1			eP	45	18.34	20kmX	
ELC	70.46	345	eP	43	47.45	-1.5	PEC	78.01	323	eP	44	33.64	0.8			eSPd	45	21.32		
		eP	43	57.98	34kmX			1.0s	38.98nm			5.4mb		THZ	85.96	223	P	45	16.00	1.7
		eSP	44	02.73			EEO	78.14	355	ePd	44	36.00	2.9		0.8s	56.00nm			5.8mb	
MEO	70.72	337	iPc	43	49.50	-1.2	CBM	78.19	2	iPc	44	34.17	0.8	LBFM	86.13	324	eP	45	15.02	-0.1
FNO	70.77	338	iPc	43	50.50	-0.5			e	44	38.81		LGPM	86.27	324	eP	45	16.24	0.5	
TUL	70.87	339	e(P)	43	50.40	-1.1			eSPd	44	42.62		KMPM	86.57	323	eP	45	18.22	1.1	
	0.6s	57.50nm			5.9mb		SSK	78.54	322	eP	44	36.75	0.9	DSZ	86.61	222	eP	45	16.70	-0.8
Z	22s	2.22um			5.4Msz		TBT	78.70	46	iPc	44	37.40	0.7		1.0s	358.00nm			6.5mb	
		e	53	09.00			PAS	78.74	322	ePc	44	37.16	0.4	QRZ	86.78	223	eP	45	18.30	0.0
		e	00	12.00					eP	44	42.79	18kmX	FHC	86.78	323	eP	45	19.46	1.4	
		LR	06	37.00					eSPd	44	46.35			1.0s	154.98nm			6.2mb		
LNO	70.87	339	ePc	43	49.20	-2.2	GSC	78.93	324	ePc	44	39.07	1.2	BUL	87.90	112	iPc	45	23.30	-0.9
MCWV	71.28	353	ePc	43	53.33	-0.6			eP	44	44.04	16kmX	AVE	88.45	49	iP	45	27.50	1.3	
	0.8s	129.07nm			6.1mb				eSPd	44	47.51				i	45	27.50			
Z	18s	2.90um			5.6Msz		SRU	79.10	330	eP	44	38.47	-0.4	VGB	88.76	328	eP	45	27.67	0.2
		eSPd	44	01.44			DRV	79.16	192	eP	44	28.00	-10.6X	SES	88.77	336	eP	45	26.00	-1.4
FVM	71.39	344	eP	43	53.44	-1.2			S	54	34.00			1.0s	91.00nm			6.0mb		
	1.0s	155.40nm			6.1mb				SS	59	58.00		COR	89.24	326	(P)	45	22.70	-7.0X	
CCM	71.65	344	eP	43	56.09	-0.1			SSS	04	01.00		NEW	89.32	332	eP	45	29.00	-1.1	
		eSP	44	04.12			ARUT	79.30	327	eP	44	41.05	1.1		1.5s	120.99nm			6.0mb	
SLM	71.97	345	P+	43	53.93	-4.2X	MSU	79.32	329	eP	44	40.39	0.3	DPW	89.46	331	eP	45	30.47	-0.3
Z	21s	4.95um			5.7Msz		SBC	79.78	321	eP	44	43.36	1.0	CIR	89.75	115	iPd	45	34.90	2.1
LVNJ	72.07	357	eP	43	58.46	-0.1			ec	44	51.22				iP	45	44.50	30kmX		
GMTN	72.12	358	iP	43	59.30	0.4	EMUT	79.81	330	eP	44	43.33	0.6			i	49	18.50		
TBR	72.38	358	eP	44	00.46	0.0	ABL	79.83	322	P	44	43.30	0.4	SHW	89.94	327	eP	45	34.43	1.3
ACO	72.65	337	iPd	44	02.30	0.1	ISA	80.06	323	ePc	44	44.76	0.8	IFR	90.07	50	iP	45	36.00	1.9
TUC	73.56	326	(P)	44	07.77	0.1		0.9s	97.43nm			5.8mb				i	45	36.50		
	0.9s	15.30nm			5.0mb		Z	20s	5.56um			5.9Msz		LON	90.16	328	eP	45	33.70	-0.4
Z	19s	6.89um			6.0Msz				ePd	44	50.39	18kmX	KRI	90.49	110	iPd	45	39.40	2.9X	
		eP	44	13.65	19kmX				eSPd	44	53.37		BMW	90.60	327	eP	45	36.79	0.7	
		eSPd	44	16.46			KIM	80.42	118	iPc	44	45.60	-0.7	RMW	90.70	329	eP	45	36.25	-0.3
		S	53	40.64				1.0s	160.00nm			6.0mb	GMW	91.20	328	eP	45	39.07	0.3	
LIC	73.63	72	P	44	07.60	-0.8	DAU	80.49	330	eP	44	46.83	0.4	EVAL	91.59	46	eP	45	42.00	1.2
HRV	73.71	0	ePc	44	08.53	0.4	BCH	80.54	322	ePd	44	47.92	1.3	EJIF	91.68	48	iPd	45	43.00	1.8
	0.9s	109.83nm			5.9mb		CFTV	80.93	49	iPc	44	49.70	1.0	FCC	91.93	348	eP	45	46.00	4.2X
Z	20s	2.73um			5.5Msz		RSSD	80.95	337	eP	44	47.70	-1.0	MCW	92.07	329	eP	45	43.27	0.5
		eP	44	14.82	20kmX			0.9s	47.22nm			5.5mb	EPRU	92.15	47	iPd	45	45.00	1.6	
		eSPd	44	17.63			Z	21s	2.05um			5.4Msz	BCAO	92.38	86	iPc	45	44.10	-0.9	
ALO	73.85	331	ePc	44	09.26	-0.2			S	55	02.85			0.8s	7.00nm			5.1mb		
Z	20s	60.11nm			5.5mb		DUG	80.98	329	eP	44	49.05	0.2			id	46	32.50		
		11.04um			6.1Msz			1.2s	46.47nm			5.4mb			ic	49	24.00			
		S	53	42.82			PHAM	81.20	322	eP	44	50.80	0.9	PAF	92.55	156	eP	46	00.00	14.8X
ANMO	73.85	331	iPc	44	10.25	0.8	PKEM	81.22	322	(P)	44	51.61	1.6			ePP	49	33.00		
		ePd	44	16.30	19kmX		BLF	81.30	119	iPd	44	50.00	-0.9			eS	57	03.00		
		eSPd	44	19.28				1.0s	210.00nm			6.1mb				eSP	58	09.00		
TIC	73.88	72	P	44	09.46	-0.4			i	45	00.30				eSS	03	03.00			
KIC	73.94	72	P	44	09.64	-0.5	TNP	81.32	325	eP	44	51.50	0.8			e	10	05.00		
	0.9s	321.00nm			6.3mb			1.0s	71.16nm			5.7mb	EHOR	92.67	47	iPc	45	46.00	0.3	
DLA	74.63	352	P	44	12.80	-0.7	MTUM	81.42	324	ePc	44	51.35	0.1	ELUQ	93.12	47				

04d 21h

TOL	94.67	46	epPc	46	00.61	21kmX	ZAG	110.29	48	ePKP	51	06.00	-0.1				iSS	10	32.00		
	1.0s		25.00nm	45	53.60	-1.3	PTJ	110.31	48	ePKP	51	06.50	0.2		NANU	125.75	188	ePKP	51	34.50	-2.0
					5.6mb		CLL	110.78	42	ePKP	51	06.00	-0.9		MOS	126.03	41	ePKP	51	36.00	0.0
EVIA	94.88	47	eP	45	56.00	0.0		1.5s	14.00nm							1.8s	2.00nm				
GUD	95.08	45	iPc	45	57.50	0.6		Z 19s	6.50um			6.2Msz			Z 21s	7.80um			6.4Msz		
ECHE	96.40	47	iPc	46	03.50	0.6			PKKP	02	16.00				N 20s	3.90um					
ETOR	96.45	46	iPc	46	04.00	0.8			ePKP	51	07.20	-0.4			E 20s	6.20um					
ECRI	97.24	44	iPc	46	08.00	1.4	BRG	111.14	43	ePKP					KIV	127.85	56	iPKPc	51	39.70	-0.3
HON	97.98	290	P	46	20.00	9.7X		Z 18s	4.50um			6.1Msz				1.2s	84.00nm				
	Z 21s		4.31um			5.9Msz		N 18s	1.00um						PYA	128.12	56	ePKP	51	40.00	-0.4
EGRA	98.32	45	iP	46	14.00	2.7		E 20s	3.00um								i		53	50.00	
ESEL	98.95	49	iP	46	16.00	1.7	MBC	111.62	349	ePdiff	47	12.00	1.9				i		03	56.00	
EPF	99.19	45	eP	46	15.40	0.0	MBC	111.62	349	ePKP	51	08.00	0.2		ERE	128.47	62	iPKP	51	45.00	3.7X
	1.2s		18.45nm			5.5mb		1.0s	4.00nm						Z 20s	2.30um			5.9Msz		
LFF	100.51	43	ePdiff	46	20.90	-0.5	PMR	111.69	330	PKP	51	20.00	11.8X		SMY	128.86	315	PKP	51	50.00	8.6X
	1.5s		81.50nm			6.0mb		Z 22s	2.26um			5.7Msz			Z 21s	2.80um			5.9Msz		
LPO	100.63	44	ePdiff	46	21.60	-0.3	ZST	111.95	46	ePKP	51	08.40	-0.8		MTA	128.98	60	ePKP	51	40.00	-2.0
	1.3s		24.20nm			5.6mb			e	51	44.90				Z 20s	1.00um			5.5Msz		
RJF	101.17	43	ePdiff	46	23.70	-0.6			e	51	49.40				N 20s	1.50um					
	1.2s		30.35nm			5.7mb	SKO	112.36	54	ePKP	51	07.00	-3.2X		E 20s	2.00um					
	Z 18s		2.13um			5.7Msz		Z 21s	9.74um			6.4Msz		TAB	129.42	65	ePKP	51	43.00	-0.2	
LPF	101.25	40	ePdiff	46	23.40	-1.2			i	51	49.00			GRS	129.72	63	ePKP	51	42.00	-1.8	
	1.2s		42.85nm			5.9mb			i	51	55.40				1.1s	40.00nm					
CAF	101.29	44	ePdiff	46	24.40	-0.5			i	54	22.50						e		58	40.00	
	1.1s		17.60nm			5.6mb			i	01	22.00						ePS		04	08.00	
GRR	101.55	40	ePdiff	46	24.90	-1.0			i	02	50.00			GRO	129.90	58	ePKP	51	44.00	0.3	
	1.1s		33.20nm			5.8mb			i	07	52.00				Z 20s	1.50um			5.7Msz		
LSF	101.70	43	ePdiff	46	26.00	-0.7			LR	39	57.00				N 20s	3.00um					
	1.2s		23.80nm			5.7mb	KSP	112.50	43	ePKP	51	10.60	0.4		E 20s	4.00um					
FLN	101.97	40	ePdiff	46	26.00	-1.0			e	51	53.80					i		58	54.00		
	1.1s		22.20nm			5.7mb	VAY	112.89	55	ePKP	51	11.00	-0.2		SHE	131.66	62	iPKPc	51	48.00	0.9
	Z 18s		3.88um			6.0Msz	NB2	113.75	32	PKP	51	11.40	-1.0			1.0s	200.00nm				
LDF	102.07	40	ePdiff	46	27.40	-0.8		1.0s	6.40nm								i		58	47.00	
	0.9s		18.35nm			5.7mb	SPC	114.26	46	ePKP	51	15.40	1.5		KAT	137.28	65	iPKP	51	58.00	0.1
TCF	102.12	43	ePdiff	46	27.80	-0.7			e	52	06.80						e		58	56.00	
	1.0s		10.60nm			5.4mb	OJC	114.35	45	ePKP	51	08.00	-5.8X		ARU	137.65	39	ePKP	51	57.00	-1.1
MAF	102.29	43	ePdiff	46	28.80	-0.5			e	51	13.90					1.2s	210.00nm				
	1.3s		20.95nm			5.6mb	SDN	114.74	321	PKP	51	20.00	5.7X		Z 22s	5.50um			6.2Msz		
BGF	102.63	43	ePdiff	46	30.20	-0.6		Z 19s	1.59um			5.6Msz			N 20s	1.50um					
	1.2s		22.90nm			5.7mb	UZH	115.34	47	ePKP	51	16.00	0.3		E 22s	5.00um					
AVF	103.05	43	ePdiff	46	32.00	-0.6		1.1s	30.00nm								e		52	07.00	
	1.3s		23.10nm			5.8mb		Z 22s	2.70um			5.8Msz		TIK	138.38	350	iPKPc	51	56.00	-3.0X	
LRG	103.12	47	ePdiff	46	33.20	0.2		N 19s	2.00um						Z 20s	102.00nm					
	1.1s		36.15nm			6.0mb	E 19s	5.40um							Z 22s	2.10um			5.8Msz		
	Z 18s		2.60um			5.8Msz			e	52	24.00					ePPS		07	00.00		
LMR	103.15	47	ePdiff	46	34.20	1.1			ePS	03	18.00			SVE	138.63	38	iPKP	51	53.50	-6.3X	
	1.1s		27.10nm			5.9mb	MLR	116.66	51	ePKPd	51	18.00	-0.5		Z 20s	3.50um			6.1Msz		
SMF	103.26	43	ePdiff	46	33.20	-0.4	VR1	117.30	51	ePKPc	51	19.00	-0.6		N 20s	2.00um					
	1.1s		32.00nm			6.0mb	CFR	118.05	52	ePKP	51	18.00	-2.9X		E 20s	3.50um					
SSF	103.29	43	ePdiff	46	32.00	-0.9	CSS	118.51	65	ePKP	51	22.50	0.3				i		52	00.00	
	1.2s		21.40nm			5.8mb	KIS	119.05	50	iPKPd	51	22.00	-0.8				e		58	07.00	
SIT	103.30	330	Pdiff	46	40.00	6.6X		Z 20s	5.00um			6.1Msz					e		07	13.00	
	Z 20s		1.84um			5.6Msz	NUR	119.89	35	iPKP	51	22.90	-1.1				e		13	18.00	
FRF	103.35	47	ePdiff	46	34.10	0.0		1.0s	40.30nm						ASH	138.76	67	ePKP	51	48.00	-12.7X
LBF	103.52	43	ePdiff	46	34.00	-0.8	ASPA	119.91	207	ePKP	51	21.30	-3.9X		MAIO	139.46	70	ePKP	51	52.00	-10.1X
	1.2s		21.40nm			5.8mb		0.4s	8.80nm						1.0s	17.50nm					
LOR	103.60	43	ePdiff	46	34.20	-0.9		Z 20s	5.70um			6.2Msz		MGD	140.07	328	ePKP	52	08.00	5.7X	
	1.2s		19.05nm			5.8mb			iPKS	58	16.30				Z 20s	3.90um			6.2Msz		
	Z 19s		4.25um			6.0Msz	WARB	120.00	199	ePKP	51	23.00	-2.3X		N 20s	4.90um					
SBF	104.00	47	ePdiff	46	37.10	0.1	MNK	120.00	42	iPKP	51	24.00	-0.4		E 20s	2.70um					
	1.0s		21.20nm			5.9mb		Z 20s	7.15um			6.3Msz		NRI	140.40	11	ePKP	51	55.00	-7.6X	
LPL	104.40	45	ePdiff	46	39.40	0.4		E 20s	5.70um						1.5s	91.00nm					
	1.0s		15.40nm			5.8mb	KAF	120.98	33	iPKP	51	25.00	-1.0		Z 22s	11.00um			6.6Msz		
LPG	104.40	45	ePdiff	46	39.50	0.4		0.9s	27.60nm								i		52	00.00	
	1.0s		15.40nm			5.8mb	SDF	121.74	27	iPKP	51	28.30	1.0				e		52	13.00	
NAI	104.92	101	Pdiff	46	46.00	4.0X	PUL	122.56	36	iPKP	51	28.00	-1.0		BRVK	145.13	41	iPKPc	52	11.00	-0.3
	Z 20s		3.97um			6.0Msz		Z 19s	5.60um			6.2Msz			1.0s	385.00nm					
			ePP	51	01.50			N 19s	0.90um						Z 24s	4.60um			6.2MszX		
			ePS	00	29.00			E 19s	4.60um						N 22s	3.11um					
BSF	105.59	43	ePdiff	46	43.40	-0.7			e	51	40.00				E 20s	3.53um					
	1.4s		18.30nm			5.9mb			e	03	04.00			POO	146.24	104	iPKPc	52	14.90	0.6	
WLF	106.14	41	Pdiff	46	47.00	0.8			e	10	02.00			MNI	146.27	211	ePKP	52	15.30	0.9	
CDF	106.16	43	ePdiff	46	46.00	-0.6			e						1.0s	554.50nm					
	1.2s		12.20nm			5.8mb	WB2	123.07	209	iPKPc	51	29.40	-1.9		GBA	146.43	115	PKP	52	13.50	-1.1
MOX	109.70	42	ePKP	51	05.30	0.4		0.6s	41.10nm					YAK	146.56	342	iPKPd	52	12.00	-1.4	
	Z 21s		8.50um			6.3Msz	ANN	124.23	54	ePKP	51	33.00	0.2			1.0s	966.00nm				
	N 20s		1.90um						e	58	33.00					ePPS		03	28.00		
	E 20s		5.70um						ePPS	03	28.00			PPI	147.25	165	ePKP	52	15.00	-1.0	
			e	01	04.00				e	51	44.00				0.8s	208.60nm					
GEC2	110.15	45	ePKP	51	04.90	-1.0	APA	124.42	27	iPdiff	48	10.00	2.9X		KUSJ	149.17	302	ePKP	52	22.30	4.1X
	0.9s		3.81nm				APA	124.42	27	iPKPc	51	33.20	0.7		HYB	149.50	110	iPKPc	52	19.60	0.1
			e	51	11.80		OBN	125.40	42	iPKPc	51	34.00	-0.7			1.0s	640.00nm				
			e	51	14.80			1.2s	110.00nm								i		52	23.00	
			e	51	20.60			Z 20s	8.20um			6.4Msz					i		52	33.00	
			ePKKP	02	07.40			N 16s	2.00um								e		15	56.00	
			ePKKP	02	18.90			E 20s	5.50um												

HOOJ 150.33 301 ePKP 52 26.60 6.7X
 ASAJ 150.44 305 ePKP 52 25.10 5.0X
 ERM 150.48 301 ePKPc 52 19.17 -1.0
 ePKPbc52 25.62
 AAK 150.94 58 ePKPc 52 21.75 0.6
 ePKPbc52 28.04
 ePKPab52 33.67
 FRU 150.99 58 ePKP 52 22.00 1.0
 Z 21s 6.50um 6.4Msz
 E 21s 3.00um
 TSM 151.46 200 ePKP 52 27.00 4.5X
 IPM 152.27 164 ePKPc 52 23.00 -0.7
 1.1s 42.60nm
 CGP 152.47 217 ePKPc 52 23.00 -0.9
 KSH 152.54 64 PKP 52 24.50 1.0
 Z 20s 9.33um 6.6Msz
 E 18s 9.04um
 PP 56 12.00
 SKS 59 20.00
 NDI 152.89 88 iPKPc 52 24.00 -0.1
 ELT 153.05 30 ePKP 52 20.00 -2.7X
 i 56 15.00
 KKM 153.59 198 ePKPc 52 33.00 7.4X
 UKR 153.89 35 ePKP 52 24.00 -0.8
 1.0s 140.00nm
 SNG 154.66 162 ePKP 52 19.00 -7.9X
 MAJO 154.89 290 (PKP) 52 25.86 -0.8
 MAT 154.89 290 (PKP) 52 26.00 -0.6
 Z 20s 1.77um 5.9Msz
 MDJ 158.93 314 ePKPc 52 29.01 -2.4X
 ePKP 52 36.96
 e 53 16.52
 GKN 159.05 94 PKP 52 31.26 -1.0
 IRK 159.09 7 iPKP+ 52 30.00 -1.4
 3.0s 226.00nm
 Z 18s 2.02um 6.0Msz
 N 22s 1.30um
 E 18s 0.75um
 e 52 41.00
 e 56 49.50
 MOY 159.16 13 ePKP 52 33.80 2.4X
 CIT 159.23 351 ePKP 52 32.00 0.4
 DMN 159.34 95 PKP 52 31.98 -0.8
 KKN 159.54 95 PKP 52 31.84 -1.1
 PKI 159.59 95 PKP 52 32.18 -1.0
 WMQ 159.59 47 PKP 52 32.00 -0.3
 Z 24s 6.56um 6.4MszX
 N 22s 3.52um
 PKPab 53 13.60
 PP 56 54.00
 ZAK 160.81 10 ePKP 52 29.00 -4.2X
 3.0s 245.00nm
 e 53 17.80
 e 57 00.50
 eSS 17 14.00
 KHT 161.02 149 ePKP 52 33.00 -1.4
 CN2 161.86 317 PKPc 52 33.00 -1.5
 Z 20s 3.03um
 N 20s 2.22um
 E 20s 1.11um
 epPKP 52 42.00
 ePKPab53 21.00
 ePP 57 10.00
 NST 162.46 153 ePKP 52 40.00 4.2X
 BDT 163.37 147 ePKP 52 35.50 -1.2
 1.1s 99.90nm
 SNY 164.14 314 PKPc 52 36.00 -0.8
 Z 25s 3.97um
 PP 57 21.00
 LOE 164.65 155 ePKP 52 38.50 0.5
 CHG 164.68 144 ePKP 52 37.50 -0.5
 1.5s 64.58nm
 LSA 165.00 93 iPKPc 52 39.08 0.5
 epP'df52 47.35
 ePKPab53 33.70
 TATO 166.76 244 ePKP 52 39.89 0.4
 OIZ 167.45 186 PKPc 52 41.00 0.9
 N 20s 3.78um
 PKPab 53 46.00
 PP 57 41.00
 OZH 168.88 236 ePKP 52 40.00 -0.9
 Z 26s 4.83um
 ePKPab53 54.00
 SSE 169.08 271 PKPc 52 40.00 -0.8

Z 20s 3.70um
 N 20s 3.60um
 E 20s 2.80um
 HKC 169.45 210 ePKP 52 43.00 1.7
 BJI 169.47 326 ePKPc 52 40.27 -0.5
 6.0s 0.87nm
 Z 23s 4.38um
 N 20s 2.22um
 epP'df52 48.22
 ePKPab53 53.93
 PP 57 44.00
 GTA 169.49 40 PKP 52 41.00 0.0
 Z 22s 5.29um
 N 20s 3.14um
 pPKP 52 50.20
 PKPab 53 54.50
 PP 57 43.50
 SKKS 04 28.00
 HHC 170.40 346 PKP 52 41.60 0.1
 Z 23s 6.86um
 N 20s 2.21um
 E 19s 3.03um
 PKPab 53 58.00
 PP 57 48.00
 GZH 170.50 209 PKP 52 40.00 -1.9
 Z 20s 3.12um
 BTO 170.89 352 PKP 52 42.00 0.3
 N 19s 3.14um
 E 19s 2.60um
 pPKP 52 51.00
 PKPab 53 59.00
 PP 57 48.00
 eSKKS 04 32.00
 NJ2 171.12 276 PKPc 52 42.60 0.7
 TIA 171.42 305 ePKP 52 41.90 0.0
 Z 22s 4.75um
 N 18s 2.82um
 E 18s 2.04um
 PKPab 54 05.00
 PP 57 53.00
 KMI 171.86 141 ePKPc 52 42.38 -0.3
 3.0s 160.00nm
 Z 22s 5.12um
 E 18s 2.65um
 epP'df52 51.98
 ePKPab54 03.65
 TIY 173.04 333 iPKP 52 42.00 -0.6
 Z 22s 7.75um
 N 21s 6.89um
 PP 58 02.00
 LZH 174.09 39 PKP 52 44.50 1.3
 pPKP 52 54.50
 PP 58 06.00
 SKS 59 44.00
 GYA 174.68 163 PKP 52 43.60 0.0
 Z 30s 1.95um
 N 22s 4.82um
 E 22s 1.92um
 pPKP 52 51.00
 PKPab 54 16.00
 PP 58 06.00
 WHN 174.82 260 PKP 52 44.00 0.7
 Z 22s 3.38um
 PP 58 10.00
 SKKS 04 52.00
 CD2 175.94 98 PKP 52 43.00 -0.7
 Z 28s 4.68um
 pPKP 52 52.20
 PKPab 54 22.00
 ePP 58 14.20
 eSKKS 04 54.20
 XAN 177.50 351 PKP 52 43.50 -0.4
 Z 26s 4.52um
 N 20s 2.62um
 E 20s 3.15um
 sPKP 53 00.00
 PKPab 54 30.00
 pP'ab 54 46.00
 PP 58 20.00
 SKKS 05 04.00
 SS 19 46.00
 S.D. = 1.0 on 302 of 348 obs.
 % NOV 04, 1992 21h 44m 42.41± 2.41s
 37.264 N ±18.4km 27.610 E ±16.8km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)

MD 3.6 (ISK).

Izm 1.17 346 iPh 45 03.40 -1.3
 eSg 45 19.48
 KHL 1.85 55 ePh 45 15.70 0.6
 ELL 1.91 105 ePh 45 15.50 -0.6
 BCK 2.38 84 ePh 45 23.00 0.2
 DST 2.47 19 ePh 45 22.70 -1.3
 ALT 2.66 47 ePh 45 27.00 0.2
 EZN 2.75 339 ePh 45 29.00 1.1
 KCT 3.04 11 ePh 45 32.90 0.9
 BNT 3.10 4 ePh 45 33.10 0.3
 S.D. = 1.0 on 9 of 9 obs.
 NOV 04, 1992 21h 49m 43.64± 1.07s
 31.644 S ± 5.3km 72.069 W ±11.5km
 DEPTH = 50.0 ± 9.2 km
 OFF COAST OF CENTRAL CHILE (134)
 IHA 1.42 165 eP 50 08.50 1.0
 iS 50 28.90
 ROCH 1.60 146 iPd 50 09.35 -0.8
 JACH 1.62 130 iPd 50 08.97 -1.4
 iS 50 26.93
 TLL 1.83 37 iPd 50 13.40 -0.1
 LCCH 1.87 167 iPd 50 14.34 0.5
 PEL 1.90 142 iP+ 50 13.77 -0.5
 iS 50 35.07
 SAN 2.16 147 iP 50 17.62 -0.3
 TACH 2.22 155 iP 50 19.14 0.4
 FCH 2.25 139 iP+ 50 19.14 -0.4
 iS 50 44.71
 PCH 2.37 147 iPd 50 20.89 0.0
 LNV 2.37 167 iP 50 20.89 0.1
 iS 50 48.47
 CHCH 2.58 153 iP 50 23.97 0.2
 ZON 2.89 89 eP 50 29.50 1.1
 RTLL 3.09 85 eP 50 31.60 0.4
 CFA 3.27 90 e(P) 50 34.00 0.3
 S 51 11.00
 MRA 5.46 100 eP 51 23.00 18.6X
 LPB 15.47 14 eP 53 20.00 -0.6
 LIC 74.07 72 Pc 01 16.48 0.0
 TIC 74.31 72 Pc 01 17.92 0.0
 KIC 74.38 72 Pc 01 18.48 0.2
 GBA 146.78 116 PKP 09 23.70 3.3X
 S.D. = 0.7 on 19 of 21 obs.
 ? NOV 04, 1992 22h 13m 00.62± 3.04s
 31.760 S ±18.9km 71.566 W ±20.4km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.8 (SAN).
 JACH 1.24 138 iP 13 23.82 0.2
 iS 13 42.97
 ROCH 1.30 159 iP 13 23.95 -0.8
 iS 13 45.33
 PEL 1.57 152 iP 13 28.79 0.2
 iS 13 51.26
 LCCH 1.71 180 iP+ 13 29.48 -1.1
 iS 13 55.77
 FCH 1.90 146 iP 13 34.12 0.5
 iS 14 01.71
 PCH 2.06 155 iP 13 35.69 0.0
 iS 14 06.78
 LNV 2.19 177 iP 13 38.92 1.3
 CHCH 2.30 161 iP 13 39.25 0.0
 TCA 5.97 88 iP 14 31.00 -0.2
 S.D. = 0.8 on 9 of 9 obs.
 ? NOV 04, 1992 22h 20m 42.15± 6.52s
 31.974 S ±49.1km 71.591 W ±18.5km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).
 JACH 1.10 130 eP 21 02.90 0.0
 iS 21 22.34
 ROCH 1.11 154 eP 21 03.17 0.0
 PEL 1.39 147 iP 21 07.70 0.0
 iS 21 30.01
 LCCH 1.50 179 iP+ 21 09.10 0.0
 iS 21 32.57
 FCH 1.74 141 iP 21 12.96 0.1
 iS 21 41.16
 TACH 1.76 162 iP 21 12.83 -0.1

04d 22h

PCH 1.88 151 iP 21 14.64 0.0
 LNV 1.98 176 eP 21 16.10 0.0
 CHCH 2.11 158 eP 21 17.86 -0.1
 MDZ 2.49 112 eP 21 28.80 5.4X
 S.D. = 0.1 on 9 of 10 obs.

* NOV 04, 1992 23h 24m 13.80±3.44s
 31.713 S ±18.8km 71.750 W ±27.2km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.7 (SAN).

JACH 1.38 135 iPd 24 37.82 -1.3
 ROCH 1.40 154 iP 24 38.91 -0.7
 PEL 1.69 148 iPd 24 43.29 -0.2
 LCCH 1.76 175 iP 24 44.51 0.0
 RTBS 1.96 89 eP 24 48.10 0.7
 FCH 2.03 143 iPd 24 48.72 0.0
 TACH 2.05 161 iP 24 48.84 0.1
 PCH 2.17 152 iP 24 50.77 0.2
 LNV 2.25 173 iP 24 52.38 0.7
 CHCH 2.40 158 iP 24 54.07 0.3
 RTCB 2.53 86 ePc 24 56.80 1.2
 MDZ 2.72 116 eP 25 07.30 8.9X
 RTCV 2.74 94 ePd 25 02.00 3.3X
 RTPR 4.71 74 e(P)c 25 24.80 -1.8
 MRA 5.18 99 e(P) 25 34.00 0.9
 S.D. = 0.9 on 13 of 15 obs.

NOV 04, 1992 23h 43m 52.46±1.47s
 31.678 S ±7.0km 72.009 W ±13.2km
 DEPTH = 30.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.8 (SAN).

ROCH 1.54 147 iPd 44 17.50 -0.9
 JACH 1.56 130 iP 44 17.77 -0.8
 TLL 1.83 35 iP+ 44 22.00 -0.6
 LCCH 1.83 168 iP+ 44 22.53 0.2
 PEL 1.84 143 iP+ 44 22.25 -0.3
 TACH 2.17 156 iPd 44 27.38 0.2
 RTBS 2.18 90 iPc 44 27.90 0.6
 FCH 2.19 139 iP 44 27.28 -0.6
 PCH 2.31 147 iP 44 29.53 0.2
 LNV 2.33 168 eP 44 30.37 1.0
 CHCH 2.52 153 iP 44 32.50 0.2
 RTCB 2.75 87 iPd 44 36.00 0.5
 MDZ 2.93 115 eP 44 50.10 12.0X
 RTCV 2.96 94 ePc 44 39.20 0.7
 CFA 3.22 90 e(P) 44 42.50 0.4
 MRA 5.40 99 e(P) 45 12.40 -0.6
 S.D. = 0.6 on 15 of 16 obs.

* NOV 05, 1992 00h 02m 56.23±1.89s
 31.622 S ±9.1km 72.001 W ±17.1km
 DEPTH = 20.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.7 (SAN).

ROCH 1.59 148 iPd 03 22.65 -1.0
 JACH 1.59 132 iP 03 22.51 -1.1

TLL 1.78 36 iS 03 41.09
 PEL 1.88 144 iP 03 26.00 -0.4
 LCCH 1.88 169 iP+ 03 49.50
 RTBS 2.17 92 ePd 03 27.28 -0.5
 TACH 2.21 156 iP 03 50.62
 FCH 2.23 140 iP+ 03 27.86 0.2
 PCH 2.35 148 iP 03 53.63
 LNV 2.38 168 eP 03 32.90 1.0
 CHCH 2.57 154 iP 03 32.77 0.2
 RTCB 2.74 88 iPd 04 01.61
 MDZ 2.95 116 eP 03 32.72 -0.3
 RTCV 2.96 96 ePc 04 00.82
 CFA 3.21 91 e(P) 03 34.46 -0.1
 TCA 6.34 89 e(P) 04 04.59
 S.D. = 1.0 on 15 of 16 obs.

* NOV 05, 1992 00h 18m 44.51±1.91s
 31.652 S ±8.3km 71.986 W ±17.9km
 DEPTH = 8.9 ±4.2 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.0 (SAN).

ROCH 1.55 148 iPd 19 11.57 -1.0
 JACH 1.57 131 iP 19 30.88
 TLL 1.80 35 iPd 19 11.25 -1.4
 PEL 1.85 144 iP+ 19 29.83
 LCCH 1.85 169 iP 19 15.40 -0.7
 RTBS 2.16 91 iPd 19 36.50
 TACH 2.18 156 iP+ 19 16.13 -0.6
 FCH 2.20 140 iP 19 38.98
 PCH 2.32 148 iP 19 16.86 0.2
 LNV 2.35 168 iP 19 41.47
 CHCH 2.54 154 iP 19 21.80 0.7
 RTCB 2.72 87 ePc 19 22.02 0.5
 ZON 2.82 89 eP 19 49.15
 MDZ 2.93 116 eP 19 21.43 -0.6
 RTCV 2.95 95 ePc 19 49.57
 CFA 3.20 90 e(P) 19 23.37 -0.2
 CYA 6.25 61 eP 19 53.29 0.8
 TCA 6.32 89 e(P) 19 55.61
 S.D. = 0.9 on 13 of 18 obs.

* NOV 05, 1992 00h 23m 09.59±1.50s
 14.396 S ±9.4km 167.614 E ±10.8km
 DEPTH = 47.9 ±12.0 km
 4.4mb (4 obs.)
 VANUATU ISLANDS (186)

BKM 3.31 170 iP 24 01.00 0.8
 DZM 7.71 188 iPc 25 00.90 -1.3
 HNR 8.98 302 eP 26 27.90
 SVO 9.24 303 P 25 20.00 0.4
 RMQ 21.34 233 eP 26 59.00
 STK 29.47 229 iPd 25 23.00 -0.2
 W82 32.22 255 iPc 27 06.00
 WRA 32.23 255 P 27 57.70 2.8X
 S.D. = 0.8 on 7 of 8 obs.

ASPA 1.0s 1.00nm 3.6mb
 WARB 40.02 246 eP 29 42.80 -0.6
 MBL 45.86 254 eP 30 42.40 0.6
 NANU 49.86 253 eP 31 28.70 -0.5
 GEC2 139.50 333 ePKP 32 01.00 0.6
 LOR 144.54 341 ePKP 42 27.20 -6.5X
 LBF 144.75 340 ePKP 42 35.80
 SSF 144.83 341 iPKPc 42 40.80 -1.7
 LSD 144.91 336 PKP 42 41.50 -1.4
 LPL 145.03 336 iPKPc 42 42.00 -1.0
 LPG 145.03 336 iPKPc 42 42.92 -0.6
 PCP 145.08 333 PKP 42 43.20 -0.5
 SMF 145.09 340 ePKP 42 43.40 -0.4
 AVF 145.12 341 iPKPc 42 43.70 -1.4
 BGF 145.49 341 iPKPc 42 42.70 -0.8
 FIN 145.49 333 PKP 42 44.10 0.0
 RRL 145.50 336 PKP 42 44.10 0.0
 ROB 145.56 334 PKP 42 44.98 0.5
 PZZ 145.71 335 PKP 42 43.61 -0.8
 STV 145.83 334 PKP 42 44.71 -0.1
 SURF 145.85 335 PKP 42 43.70 -1.2
 IMI 145.86 333 PKP 42 46.36 1.3
 TCF 145.92 342 ePKP 42 45.26 0.3
 SBF 146.10 334 iPKPc 42 45.80 0.5
 LSF 146.16 343 iPKPc 42 45.80 0.9
 PGF 146.43 331 iPKPc 42 46.60 1.3
 FRF 146.67 334 iPKPc 42 47.10 1.1
 LRG 146.88 335 ePKP 42 47.60 1.5
 LMR 146.92 334 iPKPc 42 48.30 1.9
 8CAO 147.97 255 iPKPd 42 48.40 1.9
 S.D. = 1.1 on 35 of 38 obs.

* NOV 05, 1992 00h 37m 54.10±1.49s
 51.306 N ±16.6km 15.585 E ±8.3km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)
 MG 3.4 (WAR).

BRG 1.12 248 iPg 38 16.50 1.4
 PRU 1.48 207 ePn 38 36.30
 CLL 1.62 271 iPn 38 20.50 -0.2
 KHC 2.53 211 Pn 38 22.50
 MOX 2.59 257 iPg 38 39.20 0.1
 GEC2 2.75 207 Pn 38 45.00
 OJC 2.89 110 eP 38 50.00
 GRF 3.22 242 ePn 38 58.00
 S.D. = 1.0 on 7 of 8 obs.

? NOV 05, 1992 01h 00m 07.48±5.28s
 51.638 N ±31.7km 16.214 E ±31.7km

DEPTH = 10.0km (geophysicist)
POLAND ML 3.8 (VIE), 3.7 (GRF). (548)

KSP	0.80	176	iPd	00	22.90	-0.1
	0.4s	161.00nm				
		iS	00	31.90		
		iLR	00	40.00		
BRG	1.62	243	iPn	00	36.00	-0.1
		iPg	00	37.50		
		iSg	00	56.70		
PRU	1.96	213	iPnd	00	41.40	0.3
	0.4s	64.70nm				
		Pg	00	43.00		
		e	00	48.30		
		Sg	01	08.50		
		i	01	13.40		
CLL	2.03	262	iPn	00	42.00	-0.2
		iPg	00	44.80		
		iSg	01	11.00		
KHC	3.02	215	Pn	00	56.00	-0.3
		e	01	03.50		
		eSn	01	30.50		
		eSg	01	44.50		
HOF	3.04	246	iPnc	00	56.20	-0.4
MOX	3.06	253	ePn	00	57.50	0.7
		iPg	01	05.00		
		iSg	01	45.60		
GEC2	3.23	211	Pn	00	59.50	0.2
		Pg	01	05.90		
		Sg	01	47.90		
WET	3.28	222	iPnd	01	00.20	0.2
VKA	3.38	179	iPg	01	10.90	9.6X
		iSg	01	54.80		
ZST	3.49	170	eP	01	13.10	10.2X
		e	01	55.60		
		Lg	02	07.00		
SPC	3.56	132	eP	01	18.00	14.8X
		e	02	01.80		
GRF	3.73	240	ePn	01	06.00	-0.3
		ePg	01	19.30		
		eSg	02	03.40		
WTTA	5.30	216	iPnc	01	28.60	-0.1
	0.6s	9.10nm				4.6mb
		i	02	53.90		
		i	03	04.10		
	S.D. = 0.4	on 11 of 14 obs.				

* NOV 05, 1992 01h 08m 26.93±2.02s
31.651 S ± 9.0km 72.133 W ± 18.0km
DEPTH = 33.0km (normol)
OFF COAST OF CENTRAL CHILE (134)
MD 4.0 (SAN).

ROCH	1.62	144	iPd	08	53.16	-0.7
		iS	09	12.37		
JACH	1.66	129	iP+	08	53.00	-1.3
		iS	09	11.89		
TLL	1.87	38	eP	08	56.50	-0.9
		iS	09	18.00		
LCCH	1.88	165	iPd	08	58.13	0.8
		iS	09	20.88		
PEL	1.93	141	iPd	08	57.73	-0.3
		iS	09	19.94		
TACH	2.24	154	iP	09	02.85	0.4
		iS	09	29.50		
FCH	2.28	138	iPd	09	03.16	-0.2
		iS	09	29.53		
RTBS	2.29	91	iPc	09	03.50	0.4
		(S)	09	27.20		
LNV	2.38	165	iPd	09	04.38	0.0
PCH	2.39	146	iPd	09	04.62	-0.1
		iS	09	32.75		
CHCH	2.60	152	iP	09	08.05	0.5
		iS	09	38.10		
RTCB	2.85	88	iPd	09	11.50	0.3
		S	09	45.00		
ZON	2.95	89	eP	09	14.50	1.9
MDZ	3.04	115	eP	09	19.00	5.1X
		e(S)	09	54.80		
RTCV	3.07	95	ePd	09	14.60	0.3
		S	09	52.00		
RTPR	5.01	76	ePd	09	42.50	0.7
MRA	5.51	100	e(P)	09	46.60	-2.2
TCA	6.45	89	e(P)	09	57.80	-4.3X
		(S)	10	13.00		
	S.D. = 1.0	on 16 of 18 obs.				

? NOV 05, 1992 01h 58m 52.36±6.63s
32.539 S ± 37.7km 71.937 W ± 36.8km
DEPTH = 20.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.5 (SAN).

ROCH	0.89	119	iPd	59	08.95	-0.2
		iS	59	18.18		
LCCH	0.98	162	iPd	59	10.45	-0.1
		iS	59	20.73		
JACH	1.14	98	iP	59	13.31	0.0
		iS	59	26.69		
PEL	1.21	120	iP+	59	14.12	-0.2
		iS	59	27.44		
TACH	1.39	143	iPd	59	16.53	-0.2
		iS	59	31.16		
LNV	1.48	163	iP+	59	17.65	-0.3
		iS	59	34.61		
FCH	1.59	120	iPd	59	20.02	0.1
		iS	59	37.79		
PCH	1.61	132	iP	59	20.09	0.1
CHCH	1.76	143	iP	59	22.84	0.8
		iS	59	42.03		
	S.D. = 0.4	on 9 of 9 obs.				

NOV 05, 1992 02h 05m 38.19±0.89s
32.914 S ± 5.0km 71.541 W ± 7.7km
DEPTH = 20.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN).

IHA	0.14	217	iPc	05	42.70	0.1
		iS	05	47.90		
ROCH	0.45	98	iPd	05	47.56	0.0
		iS	05	56.75		
LCCH	0.56	182	iPd	05	49.10	-0.1
		iS	05	59.41		
PEL	0.75	108	iP+	05	52.75	0.2
		iS	06	05.67		
JACH	0.83	74	iPd	05	51.87	-2.0
		iS	06	05.39		
TACH	0.89	146	iPd	05	55.17	0.3
		iS	06	09.82		
SAN	0.91	126	iPd	05	55.39	0.2
LNV	1.04	174	iP+	05	56.30	-1.1
		iS	06	12.98		
PCH	1.11	130	iP+	05	58.77	0.1
		iS	06	16.33		
FCH	1.13	112	iPd	05	58.54	-0.5
		iS	06	16.48		
CHCH	1.26	144	iPd	06	01.11	0.4
		iS	06	20.93		
RTBS	2.17	55	iPc	06	13.50	-0.2
		(S)	06	43.50		
MDZ	2.26	90	eP	06	17.90	2.7X
		e	06	50.40		
RTCB	2.73	59	ePd	06	21.80	0.0
		S	06	57.80		
RTCV	2.75	68	ePc	06	22.70	0.6
		S	07	02.00		
ZON	2.78	61	eP	06	24.50	1.9
		eS	07	02.50		
RTLL	3.05	60	ePc	06	25.50	-0.8
		S	07	07.00		
CFA	3.09	66	e(P)	06	27.20	0.3
RFA	3.16	127	ePd	06	29.00	1.0
		S	07	22.40		
MRA	4.95	86	e(P)	06	53.20	0.0
RTPR	5.02	60	e(P)	06	53.80	-0.4
TCA	6.10	77	iP	07	05.60	-4.0X
	S.D. = 0.8	on 20 of 22 obs.				

NOV 05, 1992 03h 49m 32.99±0.84s
22.978 N ± 6.2km 121.190 E ± 7.9km
DEPTH = 5.0km (geophysicist)
3.2mb (1 obs.)

TAIWAN REGION (243)

TWG	0.19	215	iPc	49	36.00	-0.9
		eS	49	39.30		
TWF1	0.39	15	ePc	49	40.70	0.0
TWK	0.71	294	ePd	49	47.60	0.4
TWM1	0.72	258	ePd	49	47.50	0.1
TWO	1.33	346	eP	49	58.10	0.0
TWC	1.73	20	ePc	50	03.20	-0.7
WRA	44.55	162	P	57	48.80	1.1

0.6s 0.20nm 3.2mb
S.D. = 0.8 on 7 of 7 obs.

* NOV 05, 1992 03h 53m 13.03±2.57s
37.377 N ± 20.8km 27.633 E ± 19.6km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

MD 3.4 (ISK).

Izm	1.06	344	iPn	53	31.50	-1.5
		eSg	53	48.00		
KHL	1.77	57	iPn	53	44.30	0.3
ELL	1.92	108	ePn	53	45.50	-0.8
BCK	2.35	87	ePn	53	53.00	0.6
DST	2.36	19	ePn	53	51.80	-0.6
EZN	2.65	338	ePn	53	58.00	1.5
KCT	2.92	11	ePn	54	01.00	0.6
	S.D. = 1.3	on 7 of 7 obs.				

& NOV 05, 1992 04h 01m 09.67s
34.626 N 116.650 W
DEPTH = 3.6km
SOUTHERN CALIFORNIA (43)
<PAS> ML 2.8 (PAS), 2.4 (GS).

GSC	0.69	349	ePc	01	22.66	-0.7
		S	01	31.98		
PEC	0.85	210	ePc	01	25.31	-1.2
		S	01	36.65		
SSK	0.96	245	ePc	01	27.44	-1.2
		S	01	40.35		
ISA	1.82	305	ePn	01	40.82	-1.3
		S	02	06.20		
ABL	2.13	277	(Pn)	01	44.78	-2.0
GLA	2.18	135	ePn	01	48.06	0.7
BCH	2.88	282	ePn	01	56.51	-0.8
BONR	3.58	339	ePn	02	08.89	1.4
		ePg	02	17.75		
	8 obs. associated					

* NOV 05, 1992 04h 21m 45.42±0.87s
15.575 N ± 15.1km 93.989 W ± 7.8km
DEPTH = 93.0 ± 8.7 km
4.2mb (3 obs.)

NEAR COAST OF CHIAPAS, MEXICO (69)

SCX	1.74	48	iPd	22	14.70	-0.1
		iS	22	35.36		
TPX	1.80	112	iP	22	16.07	0.5
		iS	22	39.57		
IISM	4.69	317	iP	22	53.48	-1.7
		(S)	23	35.50		
IIT	5.36	310	iP	23	05.91	1.1
PPM	5.63	309	eP	23	09.99	1.3
		iS	24	08.00		
ACX	5.78	284	iP	23	08.80	-1.6
TPM	5.91	306	(P)	23	11.50	-0.8
III	5.94	299	iP	23	12.96	0.3
		(S)</				

05d 04h

(S) 34 56.20
IISM 3.31 42 eP 34 23.05 -0.7
MRX 3.48 336 iP 34 27.00 0.9
(S) 35 16.83
S.D. = 1.2 on 7 of 8 obs.

NOV 05, 1992 06h 09m 40.46±1.01s
14.242 S ± 4.5km 167.602 E ± 4.7km
DEPTH = 52.3 ± 8.6 km
5.4mb (47 obs.) 5.4Msz (30 obs.)

VANUATU ISLANDS (186)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 33S, 68C

Centroid Location:

Origin Time 06:09:38.4 0.3

Lat 14.35S 0.04 Lon 168.14E 0.03

Dep 15.0 BDY Half-duration 1.3

Moment Tensor: Scale 10¹⁷ Nm

Mrr=1.93 0.04 Mtt=-0.39 0.06

Mff=-1.54 0.06 Mrt=-0.24 0.13

Mrf=-0.16 0.16 Mtf=0.76 0.04

Principal Axes:

T Val=1.97 Plg=82 Azm=150

N -0.05 8 334

P -1.92 1 244

Best Double Couple: Mo=2.0*10¹⁷

NP1: Strike=325 Dip=45 Slip= 78

NP2: 162 46 102

BKM 3.46 170 iP 10 31.00 -2.2
PVC 3.54 169 iPc 10 36.80 2.5
DZM 7.86 188 iPc 11 30.20 -4.8X

HNR 8.89 302 eP 11 47.00 -2.0
SVO 9.15 303 eP 11 54.00 1.3

SVA 11.12 112 eP 12 14.40 -5.1X
RAB 18.20 302 eP 13 52.00 0.8
BRS 19.03 224 iPc- 14 01.50 0.3

Z 20s 89.00um
e 16 42.00
eS 17 30.00
e 17 45.00

PMG 20.57 281 eP 14 19.00 1.5
RMO 21.43 232 eP 14 26.60 0.4

0.5s 53.00nm 5.2mb
ARMA 21.81 220 iPc 14 31.50 1.4
1.0s 120.00nm 5.3mb

OLP 25.05 237 iPd 15 03.10 1.6
HBZ 25.13 160 P 15 01.70 -0.4
NOZ 25.97 161 P 15 08.40 -1.5

CMS 26.32 226 eP 15 12.30 -0.9
0.6s 26.00nm 5.0mb

BWA 26.54 217 eP 15 14.90 -0.4
CAN 26.85 215 eP 15 19.40 1.3
PGZ 27.35 166 eP 15 20.40 -2.1

OIS 27.42 253 iPd 15 24.00 0.6
0.2s 2.00nm 4.4mb

LTZ 28.72 173 eP 15 32.70 -2.3
STK 29.56 229 eP 15 42.50 -0.1

0.9s 28.30nm 5.0mb
TOO 30.43 216 eP 15 51.20 0.9
1.0s 72.00nm 5.4mb

e 18 45.00
BFD 31.93 220 iPd 16 04.50 1.1
0.5s 10.00nm 4.9mb

WBZ 32.25 255 iPc 16 04.20 -2.1
1.0s 19.50nm 4.9mb

WRA 32.26 255 P 16 04.60 -1.8
1.0s 6.40nm 4.4mb

ASPA 33.15 248 iPc 16 13.10 -1.1
0.5s 41.10nm 5.5mb
Z 22s 8.60um 5.4Msz

eS 21 37.80
ADE 33.21 226 e(P) 16 15.70 1.1
KNA 37.51 263 eP 16 51.20 -0.1

FORT 39.82 239 eP 17 10.50 0.0
0.6s 45.00nm 5.5mb

WARB 40.07 246 eP 17 12.00 -0.6
0.3s 9.00nm 5.1mb

MBL 45.89 254 iPd 17 58.10 -1.7
0.4s 18.00nm 5.3mb

HON 48.88 44 P 18 30.00 6.8X
Z 21s 2.66um 5.2Msz

KKM 54.81 288 ePd 19 09.50 1.5

1.2s 109.90nm 5.8mb
DRV 55.49 193 eP 19 06.60 -5.4X
BAG 55.54 302 eP 19 13.00 -0.3

CHJJ 56.86 332 P 19 21.50 -0.7
MAT 57.62 332 eP 19 26.00 -1.6
1.5s 63.89nm 5.5mb

eS 27 38.00
MTMJ 57.84 332 P 19 27.40 -1.8
NIIJ 57.85 333 P 19 29.10 0.0

SSE 63.39 316 Pc 20 05.00 -1.9
1.5s 60.00nm 5.5mb
Z 20s 1.40um 5.1Msz

CSY 64.10 202 iPd 20 13.20 2.1
0.5s 17.60nm 5.3mb
YSS 64.94 341 (P) 20 17.00 0.3

NJ2 65.55 315 Pd 20 20.60 -0.3
SMY 66.93 4 P 20 40.00 10.7X
Z 20s 2.60um 5.4Msz

WHN 67.86 312 eP 20 33.50 -2.1
MDJ 68.00 332 eP 20 36.50 0.2
SNY 68.98 326 Pc 20 37.80 -4.5X

TIA 69.19 318 Pd 20 43.90 0.1
CN2 69.40 329 eP 20 44.50 -0.4
1.2s 43.00nm 5.3mb

Z 22s 0.87um 5.0Msz
GYA 71.70 304 iPd 21 00.40 1.0
1.0s 21.00nm 5.0mb

pP 21 06.80 21kmX
BJI 72.09 321 eP 21 02.00 0.8
2.0s 250.00nm 5.8mb

Z 24s 1.40um 5.1MszX
TIY 73.12 317 Pc 21 08.00 0.5
Z 16s 1.31um 5.3MszX

E 15s 0.77um
XAN 73.60 312 P 21 10.50 0.2
1.4s 59.00nm 5.3mb

KMI 74.33 302 Pc 21 16.00 1.1
1.9s 110.00nm 5.5mb
SDN 74.36 18 P 21 20.00 5.9X

Z 21s 1.71um 5.3Msz
CHG 75.17 294 eP 21 20.00 0.4
HHC 75.42 319 Pd 21 22.20 1.4

Z 20s 190.00nm 5.7mb
SPA 75.85 180 iPd 21 22.80 -0.1
Z 28s 1.19um 5.0MszX

CD2 75.97 307 P 21 25.00 1.0
Z 22s 0.58um 4.8Msz
BTO 76.27 319 P 21 26.00 0.4

LZH 78.23 312 eP 21 37.50 0.9
2.0s 170.00nm 5.7mb
Z 19s 0.74um 5.0Msz

sP 21 50.00
SVW 80.59 17 eP 21 48.40 -0.2
2.1s 169.75nm 5.6mb

CIT 80.78 330 eP 21 52.00 2.2
CRP 81.74 18 (P) 21 53.64 -1.1
SLKM 81.77 20 eP 21 54.20 -0.6

TTA 81.97 16 eP 21 55.84 0.0
1.4s 26.70nm 5.1mb
MAW 82.45 202 iPd 21 59.00 0.8

0.9s 19.00nm 5.1mb
GTA 82.56 314 Pc 22 00.00 0.5
2.5s 340.00nm 5.9mb

Z 16s 0.86um 5.2MszX
pP 22 08.00 25kmX
PMR 82.94 19 eP 22 00.69 0.0

Z 19s 2.35um 5.6Msz
KMPM 83.33 46 eP 22 04.53 1.2
FHC 83.59 45 (P) 22 05.48 0.9

2.0s 425.77nm 6.1mb
KLU 83.92 20 eP 22 04.58 -1.3
ARN 83.94 49 eP 22 06.36 -0.1

BOD 84.12 334 eP 22 07.20 0.4
2.4s 244.00nm 5.8mb
BCH 84.20 52 (P) 22 09.25 1.4

LGPM 84.43 46 eP 22 09.79 0.9
WDC 84.50 46 eP 22 09.60 0.5
1.4s 34.05nm 5.2mb

Z 18s 2.56um 5.6Msz
ABL 84.74 52 eP 22 11.90 1.2
ORV 84.82 47 eP 22 10.71 0.0

BALM 84.86 22 eP 22 10.60 -0.1
CMB 85.04 49 eP 22 11.92 0.0
1.0s 6.05nm 4.7mb

Z 19s 3.72um 5.8Msz

IMA 85.10 15 eP 22 11.34 -0.4
0.9s 10.47nm 5.0mb
SIT 85.23 27 P 22 20.00 7.7X

Z 18s 1.17um 5.3Msz
LBFM 85.25 45 eP 22 13.60 0.4
ZAK 85.34 325 iPc 22 13.20 0.2

2.2s 218.00nm 5.9mb
Z 16s 0.50um 5.0MszX
E 16s 0.58um

e 25 28.00
ISA 85.60 52 eP 22 14.24 -0.6
1.1s 14.92nm 5.1mb

Z 20s 0.85um 5.1Msz
IRK 85.70 327 eP+ 22 12.00 -2.9
2.6s 124.00nm 5.6mb

Z 20s 0.47um 4.9Msz
e 22 22.00
FBA 85.79 17 eP 22 13.30 -1.8

0.9s 20.17nm 5.3mb
MEMM 85.97 50 (P) 22 17.93 1.5
PEC 85.99 54 eP 22 16.26 -0.5

1.8s 34.17nm 5.3mb
PLM 86.05 54 eP 22 17.07 -0.2
BONR 86.54 50 eP 22 18.42 -1.3

GSC 86.75 53 eP 22 21.09 0.6
GMW 87.19 39 (P) 22 21.48 -0.8
GLA 87.56 55 eP 22 25.46 1.1

RMW 87.76 40 eP 22 25.03 -0.1
GUN 89.44 299 PKP 22 34.64 0.7
TIK 89.55 349 iPc 22 31.00 -2.0

2.8s 206.00nm 6.0mb
PKI 89.75 298 PKP 22 35.74 0.4
KKN 89.92 299 PKP 22 36.46 0.5

DMN 90.02 298 PKP 22 37.04 0.6
ARUT 90.12 51 eP 22 38.18 1.6
GKN 90.53 299 PKP 22 38.68 0.0

TUC 90.59 57 eP 22 39.27 0.5
1.4s 22.40nm 5.4mb
Z 19s 1.95um 5.5Msz

NEW 90.99 40 eP 22 41.50 1.3
1.0s 16.50nm 5.4mb
MSU 91.29 51 eP 22 42.32 0.3

HVU 91.81 47 (P) 22 46.24 2.0
KOD 92.60 280 eP 22 50.00 1.4
WMQ 92.62 314 P 22 49.00 1.2

2.0s 45.00nm 5.6mb
Z 20s 0.43um 4.9Msz
pP 22 55.50 20kmX

PP 26 29.00
SKS 33 19.00
eS 33 44.00

SS 40 03.00
EMUT 92.67 50 (P) 22 49.34 0.9
SRU 92.69 50 (P) 22 49.11 0.7

LRM 93.23 44 eP 22 55.80 5.0X
GBA 93.43 283 P 22 53.00 1.0
NVL 93.58 188 eP 22 52.00 0.2

2.0s 25.00nm 5.3mb
Z 18s 1.00um 5.3Msz
N 18s 0.80um

ALO 94.76 55 P 23 10.00 11.9X
Z 21s 1.77um 5.5Msz
SES 95.43 39 eP 23 02.00 1.4

ELT 96.18 323 eP 23 03.40 -0.4
2.6s 83.00nm 5.8mb
GOL 96.70 51 P 23 20.00 13.1X

Z 20s 1.54um 5.5Msz
RSSD 98.61 47 P 23 30.00 14.7X
Z 20s 0.87um 5.2Msz

NRI 99.56 339 iPd 23 17.70 -1.1
2.0s 42.00nm 5.6mb
Z 20s 2.20um 5.7Msz

FVM 107.98 54 PKP 28 20.00 15.7X
Z 21s 2.45um 5.7Msz
SLM 108.18 54 PKP 28 20.00 15.4X

Z 19s 0.91um 5.3Msz
JFWS 108.41 49 PKP 28 20.00 15.1X
Z 20s 2.92um 5.8Msz

CEH 117.01 57 PKP 28 30.00 8.5X
Z 20s 1.22um 5.5Msz
LPB 117.06 117 ePKP 28 22.00 -0.7

RSNY 119.67 47 PKP 28 40.00 13.7X
Z 18s 1.63um 5.7Msz
HRV 122.15 49 PKP 28 40.00 8.9X

Z 20s 2.28um 5.8Msz
GRS 122.98 308 iPKPd 28 33.40 0.4

ERE	1.8s	40.00nm	28	53.00	17.6X	STV	145.69	335	PKP	29	13.97	-1.0	NUR	70.19	332	eP	50	12.10	0.4	
	124.25	309	iPKP	28	35.37.00		SURF	145.71	335	PKP	29	15.99	0.9	APD	74.00	336	eP	50	34.30	0.0
OBN	124.45	328	ePKP	28	33.00	-2.1X	ATN	145.71	319	PKP	29	15.40	0.3		0.4s	0.70nm			4.0mb	
	Z 20s	0.70um			5.3Msz		IMI	145.72	334	PKP	29	15.30	0.3	NB2	74.50	337	P	50	37.80	0.5
	N 20s	0.40um					MAF	145.72	341	ePKP	29	15.60	0.8		0.8s	2.80nm			4.2mb	
UZH	135.38	327	ePKP	28	59.00	2.8X		1.0s	57.20nm				GEC2	82.91	328	eP	51	24.50	1.3	
	2.4s	310.00nm					SAOF	145.80	334	PKP	29	15.60	0.5		0.4s	0.57nm			3.9mb	
SPC	136.07	329	e(PKP)	28	57.10	-0.7	AUTN	145.85	334	PKP	29	15.86	0.4	S.D. = 1.0 on 13 of 13 obs.						
CLL	137.74	336	e(PKP)	29	03.00	2.4X	SSB	145.90	338	PKP	29	16.24	1.0	? NOV 05, 1992 08h 02m 17.03±3.63s 32.842 S ±20.6km 71.762 W ±26.8km DEPTH = 50.0km (geophysicist) NEAR COAST OF CENTRAL CHILE (135) MD 3.4 (SAN).						
SRO	137.94	329	iPKP	29	07.40	6.3X	TOUF	145.91	334	PKP	29	16.15	0.7							
		e		31	49.80		SBF	145.95	334	PKP	29	15.89	0.5							
ZST	138.27	330	e(PKP)	29	04.30	2.6X	AURF	145.98	334	PKP	29	15.97	0.5							
KHC	139.19	334	ePKP	29	04.00	0.6	MVIF	146.05	334	PKP	29	16.30	0.7							
		e		29	10.00		REVF	146.08	334	PKP	29	15.60	0.0							
GEC2	139.36	334	ePKPd	29	05.40	1.6	CALN	146.27	334	PKP	29	17.03	1.0							
	0.8s	2.52nm					PGF	146.29	331	PKP	29	16.95	0.9							
VBY	141.06	329	ePKP	29	08.10	1.3	MNO	146.33	319	PKP	29	18.60	2.2X							
WTTA	141.46	334	iPKPd	29	02.10	-5.6X	FRF	146.53	335	ePKP	29	17.70	1.5							
	2.0s	109.00nm						0.9s	59.30nm				ROCH							0.64
		i		31	56.80		LRG	146.74	335	ePKP	29	18.50	2.0			iS	02	39.93		
LANF	141.58	339	PKP	29	12.02	4.3X		1.5s	124.30nm						iS	02	30.70	0.5		
CTI	142.39	332	PKP	29	05.10	-4.2X	Z 22s	0.38um			5.1Msz		JACH	1.00	81	iPd	02	34.79	-0.2	
FEL	142.43	337	PKP	29	03.16	-6.2X	LMR	146.77	334	ePKP	29	18.40	1.8			iS	02	47.26		
PDCR	142.47	134	ePKP	29	06.80	-3.4X		1.0s	43.40nm				TACH	1.06	140	iPd	02	36.04	0.2	
VITF	142.86	340	PKP	29	05.16	-4.7X	RJF	146.87	342	ePKP	29	18.80	2.1			iS	02	49.28		
LOMF	143.30	338	PKP	29	08.45	-2.3X	CAF	147.04	341	ePKP	29	19.30	2.3X	LNK	1.15	165	iPd	02	36.44	-0.5
MDI	143.45	334	PKP	29	05.60	-5.3X		1.3s	31.75nm				PCH	1.30	127	iPd	02	39.29	0.0	
ARV	143.65	328	PKP	29	09.90	-1.5	LFF	147.43	343	ePKP	29	20.40	2.8X			iS	02	54.56		
VAI	143.78	335	PKP	29	09.10	-2.4X		1.6s	109.45nm				FCH	1.33	112	iP+	02	39.63	-0.2	
SFI	143.89	330	PKP	29	11.00	-0.7	LPO	147.53	342	ePKP	29	20.80	3.0X			iS	02	55.58		
CRE	144.05	329	PKP	29	10.30	-1.9		1.7s	97.80nm				CHCH	1.43	140	iP	02	40.87	-0.1	
ASS	144.10	328	PKP	29	09.90	-2.3X	BCAO	148.00	255	iPKPc	29	20.00	0.5			iS	02	57.92		
DUI	144.11	325	PKP	28	57.60	-14.7X		0.9s	68.00nm				S.D. = 0.4 on 9 of 9 obs.							
AQU	144.21	327	PKP	29	11.90	-0.5		id	29	23.00			* NOV 05, 1992 09h 21m 56.50±1.81s 36.494 N ±17.8km 70.374 E ±9.0km DEPTH = 203.9 ±25.8 km 4.4mb (6 obs.) HINDU KUSH REGION, AFGHANISTAN (718)							
MME	144.23	331	PKP	29	11.78	-0.9	CGL	148.53	327	PKP	29	24.54							4.8X	
	2.0s	420.00nm						0.4s	5.80nm											
TDS	144.27	321	PKP	29	00.80	-11.7X	ETER	149.09	338	ePKP	29	25.50	5.2X							
FIR	144.28	330	ePKP	29	11.50	-0.9	EPF	149.29	342	ePKP	29	25.20	4.5X							
ORX	144.29	335	PKP	29	10.36	-2.2X		1.9s	95.60nm											
ORO	144.30	335	PKP	29	10.80	-1.8	EGRA	150.25	342	iPKPd	29	28.50	6.5X							
SGO	144.33	323	PKP	29	11.50	-1.1	ECRI	150.47	345	ePKP	29	29.10	6.6X							
BOB	144.36	333	PKP	29	11.69	-1.0	ESEL	151.24	335	ePKP	29	31.00	7.4X							
	1.1s	95.20nm					EROD	151.25	340	ePKP	29	30.90	7.3X							
BDI	144.38	331	PKP	29	10.60	-2.1X	ETOR	152.02	343	iPKPd	29	32.80	7.9X							
LOR	144.39	341	ePKP	29	10.70	-1.8	TOL	153.43	346	ePKP	29	37.00	10.2X							
	1.6s	60.30nm					S.D. = 1.1 on 174 of 226 obs.													
Z 20s	0.22um				4.9Msz		% NOV 05, 1992 06h 20m 40.59±0.85s 39.347 N ±7.1km 28.071 E ±8.6km DEPTH = 10.0km (geophysicist) TURKEY (366) MD 2.9 (ISK).													
SDI	144.43	325	PKP	29	11.90	-0.9	DST	0.50	59	iPg	20	50.60	-0.2							
MGR	144.45	322	PKP	29	11.30	-1.5			iSg	20	58.10									
LBF	144.60	341	ePKP	29	11.30	-1.6	KCT	0.93	14	iPg	20	58.20	-0.1							
RFI	144.61	325	PKP	29	12.60	-0.4			iSg	21	11.70									
	2.0s	370.10nm					EDC	1.01	351	iPg	21	00.00	0.3							
GRR	144.64	347	ePKP	29	11.00	-1.9			iSg	21	15.00									
PII	144.68	331	PKP	29	11.00	-2.1X	BNT	1.01	353	iPg	20	58.60	-1.2							
SSF	144.68	341	ePKP	29	11.80	-1.2			eSg	21	14.00									
GRI	144.72	319	PKP	29	13.18	-0.2	Izm	1.14	214	ePn	21	00.50	-1.4							
	1.5s	344.10nm					EZN	1.43	290	ePn	21	08.20	1.6							
LSD	144.76	336	PKP	29	13.42	-0.1	KHL	1.53	132	ePn	21	09.00	1.0							
RSL	144.78	337	PKP	29	12.02	-1.4	S.D. = 1.3 on 7 of 7 obs.													
LPL	144.88	336	ePKP	29	13.30	-0.4	% NOV 05, 1992 07h 39m 04.33±1.46s 36.472 N ±11.5km 140.748 E ±12.6km DEPTH = 64.6 ±11.9 km 4.1mb (5 obs.) NEAR EAST COAST OF HONSHU, JAPAN(228)													
LPG	144.89	336	ePKP	29	13.30	-0.5	MAT	2.05	273	iPd	39	37.80	0.7							
PCP	144.93	334	PKP	29	12.19	-1.4			iS	39	52.20									
SMF	144.94	340	ePKP	29	12.70	-0.8	HOIJ	6.22	18	eP	40	36.30	0.7							
	1.3s	96.40nm						eS	41	45.90										
RMP	144.97	326	PKP	29	13.90	0.2	KUSJ	7.29	24	eP	40	49.00	-1.4							
RSP	144.98	335	PKP	29	13.15	-0.6			eS	42	07.00									
RDP	144.99	326	PKP	29	14.00	0.2	GUN	46.68	276	P	47	28.00	-0.8							
LPF	145.02	347	ePKP	29	12.70	-0.8	GKN	47.64	277	P	47	34.40	-1.7							
CKI	145.14	334	ePKPd	29	13.50	-0.4	W82	56.43	187	iPd	48	41.50	-0.1							
BHB	145.23	335	PKP	29	13.10	-1.0		0.6s	2.10nm			4.4mb								
BNI	145.29	336	PKP	29	14.30	0.0	WRA	56.43	187	P	48	42.00	0.4							
BGF	145.34	341	ePKP	29	14.10	-0.1		0.5s	0.80nm			4.0mb								
	0.9s	59.30nm					GBA	60.64	265	P	49	11.00	0.0							
FIN	145.34	334	PKP	29	13.70	-0.6	KAF	68.56	333	eP	50	02.00	0.2							
RRL	145.36	336	PKP	29	15.16	0.6														
SOI	145.38	319	PKP	29	14.80	0.4	% NOV 05, 1992 09h 43m 50.75±0.62s 56.546 N ±13.6km 162.807 E ±12.7km DEPTH = 33.0km (normal) 4.4mb (6 obs.) NEAR EAST COAST OF KAMCHATKA (218)													
ROB	145.42	334	PKP	29	13.79	-0.7	KUSJ	17.74	228	eP	47	50.80	-5.7X							
GMB	145.45	319	PKP	29	15.81	1.0	ASAJ	17.81	234	eP	47	58.30	0.8							
	1.9s	447.30nm					HOIJ	18.92	230	eP	48	05.20	-5.8X							
GRN	145.49	337	PKP	29	15.95	1.4	MRRJ	19.85	234	eP	48	21.20	-0.3							
DOI	145.51	335	PKP	29	13.72	-0.9	OFUJ	22.36	228	eP	48	46.50	-0.5							
	1.2s	46.30nm					FBA	24.93	50	eP	49	12.00	0.2							
PZZ	145.57	335	PKP	29	14.71	-0.1		1.1s	2.00nm			3.6mb								
ENR	145.66	334	PKP	29	13.75	-1.2	NIIJ	25.03	230	eP	49	12.50	-0.4							
							MAT	25.95	230	iPc	49	21.00	-0.7							
								1.0s	19.00nm			4.6mb								
							CHJJ	26.05	228	eP	49	22.40	-0.1							
							SES	48.43	59	eP	52	32.00	0.6							
							GUN	60.10	276	P	53	57.84	0.5							
							CHG	60.13	259	eP	53	57.30	0.1							
							KKN	60.52	276	P	54	01.04	1.0							

05d 09h

PKI 0.5s 15.00nm 5.4mb
60.62 276 P 54 01.26 0.4
0.6s 11.00nm 5.2mb
NB2 60.64 345 P 53 58.50 -1.8
0.6s 1.10nm 4.2mb
GKN 60.71 277 P 54 00.66 -0.6
DMN 60.76 276 P 54 02.64 0.9
GBA 76.23 274 P 55 46.90 9.4X
WRA 79.88 207 P 55 53.20 -4.1X
0.7s 0.40nm 3.5mb
S.D. = 0.8 on 15 of 19 obs.

% NOV 05, 1992 09h 49m 31.42±0.86s
40.414 N ± 8.1km 27.964 E ± 7.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

BNT 0.07 210 iPg 49 33.10 -0.7
EDC 0.10 229 iPg 49 34.00 -0.2
KCT 0.34 119 iPg 49 37.70 -0.8
iSg 49 40.70
DST 0.95 148 iPn 49 50.90 1.3
YLV 1.09 81 iPn 49 51.60 -0.3
DMK 1.42 354 iPn 49 57.60 0.4
S.D. = 1.0 on 6 of 6 obs.

NOV 05, 1992 09h 54m 37.44±0.55s
32.174 S ± 5.6km 70.900 W ± 6.4km
DEPTH = 103.5 ± 7.8 km

CHILE-ARGENTINA BORDER REGION (127)
MD 4.1 (SAN). Felt (III) at Son
Felipe, Chile.

JACH 0.57 153 iPd 54 53.73 -0.7
ROCH 0.80 187 iPd 54 56.18 -0.5
PEL 0.98 169 iP+ 54 58.21 -0.1
iS 55 13.28
IHA 1.05 216 iPc 54 59.50 0.5
iS 55 15.20
FCH 1.26 156 iPd 55 02.09 0.4
iS 55 20.49
SAN 1.29 171 iPd 55 01.78 0.0
iS 55 20.21
RTBS 1.33 68 iPd 55 02.60 0.4
LCCH 1.41 203 iPd 55 03.32 0.1
TACH 1.48 181 iPd 55 04.11 0.1
PCH 1.48 167 iPd 55 04.04 -0.1
iS 55 24.93
CHCH 1.77 173 iPd 55 07.84 0.2
iS 55 31.44
LNV 1.83 193 iPd 55 08.17 -0.2
iS 55 32.37
MDZ 1.87 113 iP 55 10.40 1.4
iS 55 34.20
RTCB 1.91 70 iPd 55 09.80 0.2
ZON 1.99 72 eP 55 11.50 0.9
eS 55 34.50
TLL 2.00 2 iP+ 55 10.00 -0.9
iS 55 33.70
RTCV 2.03 82 ePc 55 11.00 -0.1
RTLL 2.24 69 iPc 55 13.10 -0.7
S 55 39.50
CFA 2.33 77 ePd 55 14.80 -0.3
S 55 42.00
RFA 3.29 143 ePd 55 28.20 0.1
S 56 26.80
RTPR 4.20 65 ePc 55 38.60 -1.7
MRA 4.40 94 ePd 55 41.80 -1.4
TCA 5.44 83 iP 55 59.00 1.4
(S) 56 50.50
CYA 5.77 51 eP 55 58.50 -3.6X
LPB 15.78 10 P 58 17.40 2.0
WRA 122.82 209 PKP 13 22.20 -1.0
0.5s 1.90nm
S.D. = 0.9 on 25 of 26 obs.

% NOV 05, 1992 09h 57m 55.67±2.36s
42.221 N ± 12.5km 18.514 E ± 14.4km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

HCY 0.23 357 iPg 58 01.10 0.6
iSg 58 04.53
BDV 0.24 75 iPg 58 00.79 0.0
iSg 58 04.15

TTG 0.59 69 iPg 58 06.97 -0.6
iSg 59 15.22
ULC 0.60 115 iPg 58 07.78 -0.1
iSg 58 16.54
BRY 0.68 2 iPg 58 08.59 -0.7
iSg 58 19.34
NKY 0.69 31 iPg 58 08.45 -1.0
iSg 58 19.15
PVY 1.14 70 iPg 58 17.77 0.6
iSg 58 33.68
IVA 1.21 57 iPg 58 18.73 0.4
iSg 58 36.22
PLE 1.28 30 ePg 58 20.29 0.7
iSg 58 38.33
S.D. = 0.7 on 9 of 9 obs.

* NOV 05, 1992 10h 31m 10.06±0.76s
7.719 N ± 11.2km 126.931 E ± 15.0km
DEPTH = 33.0km (normal)
4.7mb (3 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP 0.84 307 iPd 31 25.00 -0.5
CGP 2.33 288 iPc 31 46.50 -0.4
eS 32 04.00
MAP 3.90 312 iPd 32 10.20 1.1
eS 32 40.20
PLP 3.93 331 ePc 32 09.50 -0.1
eS 32 47.50
WB2 28.44 165 eP 37 04.80 0.7
0.2s 2.70nm 4.6mb
ASPA 31.93 168 eP 37 34.80 -0.3
0.3s 3.20nm 4.7mb
WARB 33.70 180 eP 37 50.30 -0.1
0.3s 4.00nm 4.8mb
MBC 88.04 13 eP 43 57.50 -0.4
S.D. = 0.7 on 8 of 8 obs.

* NOV 05, 1992 10h 46m 56.81±3.00s
49.137 N ± 21.2km 6.821 E ± 12.0km
DEPTH = 10.0km (geophysicist)

GERMANY (543)
ML 2.3 (STR).

HOFF 0.78 104 Pg 47 11.74 -0.2
CDF 0.79 157 Pg 47 11.59 -0.6
Sg 47 23.33
WLS 0.81 154 Pg 47 12.02 -0.5
Sg 47 23.17
ECH 0.95 166 Pg 47 14.85 -0.1
VITF 1.07 211 Pg 47 17.04 0.0
MOF 1.30 171 Pg 47 21.80 0.8
Sg 47 39.24
FEL 1.49 147 Pg 47 24.91 1.2
LOMF 1.79 180 Pn 47 27.41 -0.6
S.D. = 0.8 on 8 of 8 obs.

? NOV 05, 1992 10h 48m 25.59±0.91s
34.414 N ± 10.0km 112.163 E ± 10.0km
DEPTH = 10.0km (geophysicist)

SOUTHEASTERN CHINA (664)
ML 3.3 (BJI).

XAN 2.71 263 iPn 49 09.80 -0.3
Pg 49 17.00
Sn 49 42.60
Sg 49 52.00
TIY 3.30 4 ePn 49 18.80 0.4
Pg 49 25.00
Sg 50 05.80
WHN 4.28 154 Pn 49 32.50 0.3
Pg 49 46.50
Sn 50 23.00
Sg 50 43.00
TIA 4.44 65 Pn 49 34.00 -0.4
Pg 49 45.80
Sg 50 41.80
BTO 6.40 345 ePg 50 20.80 18.4X
HHC 6.44 356 ePg 50 21.90 19.0X
LZH 7.01 286 eP 51 00.00 49.1X
S.D. = 0.7 on 4 of 7 obs.

? NOV 05, 1992 11h 13m 17.28±4.85s
45.024 N ± 9.5km 6.472 E ± 36.3km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 1.8 (GEN).

RRL 0.24 115 P 13 22.97 0.3
S 13 25.48
RSP 0.57 77 P 13 28.60 -0.3
S 13 34.86
BHB 0.59 108 P 13 29.19 -0.1
S 13 35.23
LSD 0.65 48 P 13 30.52 0.1
S 13 37.52
PZZ 0.69 139 P 13 30.70 -0.3
S 13 38.76
S.D. = 0.4 on 5 of 5 obs.

% NOV 05, 1992 11h 14m 17.01±3.10s
45.031 N ± 8.1km 6.598 E ± 22.8km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 1.8 (GEN).

RRL 0.17 130 P 14 21.42 0.4
S 14 23.98
RSP 0.48 75 P 14 26.96 0.1
S 14 33.78
BHB 0.51 112 P 14 27.00 -0.3
S 14 33.78
LSD 0.58 42 P 14 28.92 0.0
S 14 36.52
PZZ 0.64 146 P 14 29.75 -0.1
S 14 38.21
S.D. = 0.4 on 5 of 5 obs.

NOV 05, 1992 12h 20m 43.08±0.61s
33.808 S ± 8.4km 70.407 W ± 5.7km
DEPTH = 100.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
MD 4.0 (SAN).

PCH 0.21 334 iPd 20 57.99 0.3
iS 21 09.00
CHCH 0.24 239 iP+ 20 58.14 0.4
SAN 0.41 329 iP 20 58.48 -0.1
iS 21 09.10
TACH 0.47 289 iP+ 20 58.79 -0.1
FCH 0.49 11 iPd 20 59.62 0.2
iS 21 12.62
PEL 0.70 341 iP 21 00.75 -0.1
iS 21 13.66
LNV 0.85 260 iP+ 21 01.74 -0.4
iS 21 15.15
ROCH 0.98 329 iP+ 21 03.12 -0.6
LCCH 1.03 289 iP+ 21 03.43 -0.6
iS 21 18.19
JACH 1.13 352 iPd 21 05.29 -0.1
iS 21 21.48
IHA 1.29 307 eP 21 07.00 -0.2
iS 21 23.80
MDZ 1.60 55 eP 21 22.20 11.2X
iS 21 35.40
RFA 1.87 121 iPc 21 16.00 1.4
RTBS 2.29 21 iPd 21 21.80 1.9
eS 21 51.20
RTCV 2.50 40 iPc 21 23.30 0.4
S 21 54.40
RTCB 2.68 31 iPd 21 26.20 0.8
S 21 58.00
CFA 2.86 40 ePc 21 27.80 0.1
S 22 01.00
MRA 4.18 72 e(P) 21 45.20 -0.6
RTPR 4.81 44 e(P)c 21 52.40 -2.0
(S) 22 48.30
TCA 5.49 65 e(P) 22 02.00 -2.0
LPB 17.33 7 P 24 41.70 1.2
S.D. = 1.0 on 20 of 21 obs.

% NOV 05, 1992 12h 59m 33.99±1.18s
37.472 S ± 11.9km 177.997 E ± 10.8km
DEPTH = 70.0km (geophysicist)
OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.27 118 Pc 59 45.10 0.0
URZ 1.05 221 Pd 59 53.70 0.3
S 00 08.90
NOZ 1.14 178 P 59 54.50 -0.1
KUZ 1.96 291 Pd 00 05.60 0.0
eS 00 28.30
NGZ 2.54 227 P 00 13.70 -0.2
CNZ 2.59 227 eP 00 14.40 -0.1
S.D. = 0.2 on 6 of 6 obs.

NOV 05, 1992 13h 06m 34.23 \pm 0.86s
41.264 N \pm 9.2km 20.906 E \pm 7.3km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.1 (SKO).

TIR 0.79 276 ePg 06 50.00 0.4
iSg 07 02.50
SKO 0.81 29 ePg 06 51.50 1.5
0.2s 41.00nm
iSg 06 59.70
Lg 07 00.30
LACI 0.97 293 ePg 06 51.40 -1.3
LSK 1.14 192 ePn 06 56.20 0.6
TPE 1.18 215 ePg 06 43.50 -12.8X
VAY 1.26 87 iPn 06 56.00 -1.6
LIT 1.67 133 eP 07 04.00 0.3
S.D. = 1.5 on 6 of 7 obs.

* NOV 05, 1992 13h 26m 10.09 \pm 3.27s
31.699 S \pm 17.7km 71.891 W \pm 24.5km
DEPTH = 30.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

ROCH 1.47 150 iPd 26 34.77 -0.2
iS 26 53.64
JACH 1.47 132 iP 26 34.57 -0.4
iS 26 53.11
PEL 1.76 145 iPd 26 39.30 0.2
iS 27 02.35
LCCH 1.79 171 iPd 26 39.66 0.2
RTBS 2.08 90 iPc 26 43.60 0.0
eS 27 09.00
TACH 2.11 158 iP 26 44.36 0.3
iS 27 10.11
FCH 2.11 141 iP+ 26 44.29 -0.1
iS 27 11.73
PCH 2.24 149 iP 26 46.09 0.1
iS 27 15.58
LNV 2.29 170 iP 26 45.84 -0.6
iS 27 16.02
CHCH 2.46 155 iPd 26 49.41 0.3
iS 27 20.15
RTCB 2.65 86 iPd 26 51.80 0.1
S 27 26.00
MDZ 2.83 115 eP 27 06.20 11.9X
i(S) 27 35.40
RTCV 2.86 94 ePd 26 54.70 0.0
S 27 29.80
CFA 3.12 89 eP 26 58.30 -0.1
S.D. = 0.3 on 13 of 14 obs.

NOV 05, 1992 13h 34m 29.75 \pm 0.19s
41.676 N \pm 2.7km 15.798 E \pm 2.1km
DEPTH = 85.8 \pm 9.0 km
4.4mb (1 obs.)
SOUTHERN ITALY (390)
MD 4.2 (TRI), 3.9 (TTG), 3.7 (FIR).

DUI 1.00 270 P 34 49.20 -0.4
eSg 35 04.00
SGO 1.18 198 P 34 49.80 -1.7
eSg 35 03.00
BRT 1.33 127 P 34 51.80 -1.7
RFI 1.41 255 P 34 55.63 1.1
SDI 1.49 272 P 34 56.70 1.1
eSg 35 21.00
MGR 1.55 187 P 34 55.20 -1.1
HVAR 1.58 18 iPn 34 55.80 -0.9
iSg 35 25.00
AQU 1.91 292 P 35 05.30 4.1X
eSn 35 28.30
TDS 2.06 168 P 35 03.80 0.7
eSn 35 35.60
HCY 2.15 68 iPnc 35 04.93 0.5
iSn 35 30.68
RDP 2.31 273 P 35 09.50 2.9X
BDV 2.34 74 iPnc 35 06.84 -0.1
iSn 35 35.05
BRY 2.38 58 ePn 35 07.94 0.3
iSn 35 36.43
ULC 2.60 83 iPnc 35 10.96 0.5
iSn 35 41.43
NKY 2.63 63 iPnc 35 11.45 0.3

TTG 2.69 73 iSn 35 42.50
iPnc 35 12.14
iSn 35 43.41
ASS 2.71 302 P 35 15.00 2.9X
ARV 2.79 312 P 35 13.90 0.8
GRI 2.89 170 P 35 14.68 0.1
LACI 2.93 89 ePn 35 14.50 -0.6
VLO 3.04 112 ePn 35 16.90 0.3
TIR 3.07 95 iPnc 35 17.00 0.0
iSn 35 53.00
PLE 3.13 57 iPnc 35 18.24 0.3
iSn 35 54.49
PVY 3.24 72 iPnd 35 19.51 0.1
iSn 35 57.03
BCI 3.25 76 iPn 35 26.90 7.3X
IVA 3.27 67 iPnd 35 20.05 0.2
iSn 35 57.78
RSM 3.34 314 P 35 27.30 6.7X
CRE 3.44 306 P 35 25.20 2.9X
TPE 3.47 112 iPnd 35 23.00 0.4
iSn 36 03.00
PHP 3.48 88 iPnc 35 22.70 0.0
iSn 36 03.20
GMB 3.50 179 P 35 22.62
ATN 3.52 184 P 35 22.30 -1.0
SOI 3.60 177 P 35 24.70 0.3
KEK 3.62 121 ePg 35 25.00 0.4
SRN 3.66 118 ePn 35 16.90 -8.2X
SFI 3.67 309 P 35 27.40 2.1
RIY 3.81 345 ePn 35 27.20 0.0
iSn 36 11.60
iSg 36 28.70
MNO 3.84 193 P 35 28.70 0.9
VBY 3.85 354 iPn 35 28.40 0.7
iPb 35 35.60
iPg 35 41.10
iSn 36 12.20
LSK 3.94 111 ePn 35 26.00 -3.2X
iSn 36 11.50
FIR 3.95 304 ePn 35 30.00 0.8
iSn 36 18.00
IGT 4.06 120 iPnc 35 31.21 0.4
eSn 36 14.06
CEY 4.18 347 ePn 35 32.50 0.0
e 35 40.00
eSn 36 19.50
PTJ 4.22 2 iPn 35 32.20 -0.9
iSn 36 17.30
SKO 4.23 84 iPn 35 33.70 0.6
i 36 19.30
Lg 37 09.00
TRI 4.29 341 e(Pn) 35 33.30 -0.7
e(Pb) 35 41.50
e(Pg) 35 44.30
e(PgPg35 49.00
e(RRPg35 55.70
e(Sn) 36 21.80
i(SgSg36 48.70
eLQ 36 55.00
i(RRSg37 01.70
LJU 4.46 349 ePnc 35 36.60 0.3
e 35 44.60
eSn 36 27.00
BDI 4.51 304 P 35 39.41 2.4
VOY 4.57 343 iPnd 35 37.50 -0.4
eSn 36 28.50
KZN 4.72 105 ePb 35 40.50 0.4
GRG 5.02 96 ePn 35 43.42 -0.8
eSn 36 36.62
RBL 5.03 342 P 35 44.20 -0.1
VLS 5.08 132 ePb 35 44.00 -0.9
VAY 5.10 92 iPn 35 45.00 -0.2
CTI 5.30 327 P 35 47.30 -0.8
LIT 5.31 105 iPnc 35 48.06 -0.1
eSn 36 42.98
FVI 5.37 337 P 35 48.40 -0.6
SAL 5.48 318 P 35 50.10 -0.4
AGG 5.65 116 iPn 35 54.01 1.1
eSn 36 52.94
KBA 5.68 343 iPnc 35 53.40 0.0
i 36 19.50
i 36 59.20
SOH 5.76 96 ePn 35 53.46 -1.0
SRS 5.89 93 ePn 35 55.94 -0.3
eSn 36 56.30
MDI 6.02 315 P 35 57.08 -0.9
SCE 6.11 333 ePn 35 58.90 -0.5

CKI 6.15 299 P 36 02.81 2.9X
OGA 6.22 328 ePn 36 00.90 0.0
GZR 6.29 51 iPd 36 02.00 0.3
WTTA 6.33 333 iPnc 36 02.50 0.1
0.5s 37.50nm 5.0mb X
i 37 03.70
i 37 07.50
i 37 14.20
i 37 25.70
OUR 6.33 100 ePn 36 01.38 -0.9
BHG 6.39 342 eP 36 03.30 0.2
OSS 6.45 323 ePc 36 05.30 1.2
ZST 6.59 8 eP 36 12.00 6.3X
VAI 6.59 312 P 36 05.21 -0.6
VDL 6.62 319 iPd 36 06.80 0.3
TMA 6.68 314 iPd 36 06.30 -1.0
ORO 6.91 307 P 36 11.61 1.3
FRF 7.01 289 Pn 36 14.20 2.6
LMR 7.06 287 Pn 36 15.60 3.3X
LLS 7.12 319 iPc 36 13.40 0.0
MMK 7.15 310 ePc 36 13.70 -0.1
LRG 7.19 287 Pn 36 20.10 6.0X
GEC2 7.32 349 Pn 36 15.10 -0.9
Sn 37 33.70
VLI 7.43 129 ePb 36 18.50 1.1
DIX 7.49 309 ePd 36 19.80 1.3
LPG 7.60 303 Pn 36 19.00 -1.0
Sn 37 40.30
LPL 7.62 303 Pn 36 19.40 -0.8
Sn 37 39.20
WET 7.75 346 eP 36 27.60 5.9X
RSL 7.76 304 Pn 36 21.12 -1.0
Pg 36 24.33
EMS 7.77 307 iPd 36 23.20 1.0
SLE 8.01 322 ePd 36 24.50 -0.8
MLR 8.29 59 ePd 36 31.50 2.1
GRF 8.63 340 eP 36 45.00 11.2X
BSF 8.88 317 Pn 36 36.40 -1.0
Sn 38 06.60
CDF 9.04 321 Pn 36 38.80 -0.7
Sn 38 13.20
KSP 9.18 2 eP 37 19.00 37.7X
HAU 9.22 317 Pn 36 40.50 -1.4
Sn 38 17.00
BRG 9.29 353 e(P) 37 08.00 25.2X
e 38 45.00
MOX 9.43 344 ePn 36 51.30 6.6X
SMF 9.92 304 Pn 36 50.20 -1.2
Sn 38 31.70
LBF 9.99 306 Pn 36 50.50 -1.9
Sn 38 32.50
LOR 10.20 307 Pn 36 55.20 0.0
Sn 38 40.40
AVF 10.29 304 Pn 36 56.30 0.0
SSF 10.31 306 Pn 36 55.80 -0.9
Sn 38 42.30
BGF 10.51 302 Pn 37 01.30 1.9
Sg 38 50.10
BCAO 37.16 175 iPc 41 43.00 9.0X
1.0s 5.00nm 4.4mb
S.D. = 0.9 on 87 of 105 obs.

? NOV 05, 1992 13h 41m 49.65 \pm 5.33s
42.665 N \pm 47.4km 24.196 E \pm 10.9km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)
ML 3.0 (THE).

SRS 1.61 196 ePb 42 18.28 0.1
eSb 42 39.56
KNT 1.79 213 ePb 42 21.28 0.5
eSb 42 44.72
VAY 1.81 223 iPn 42 20.70 -0.4
iSn 42 45.30
Lg 42 49.30
SOH 1.95 199 ePb 42 22.52 -0.6
eSb 42 49.76
SKO 2.16 252 ePn 42 29.00 2.8X
GRG 2.17 219 ePn 42 26.60 0.2
eSn 42 53.96
ALN 2.24 141 ePn 42 27.36 0.0
eSn 42 57.36
OUR 2.33 184 ePn 42 28.88 0.2
iSn 42 59.40
MLR 3.09 23 ePc 42 43.00 3.5X
S.D. = 0.5 on 7 of 9 obs.

05d 15h

& NOV 05, 1992 15h 04m 54.10s
 67.955 N 145.907 W
 DEPTH = 11.3km
 4.2mb (3 obs.)
 NORTHERN ALASKA (676)
 <AEIC>. ML 4.3 (AEIC). Felt (IV)
 at Arctic Village and Coldfoot.

FYU	1.42	169	eP	05	19.31	-0.4
PRP	2.45	176	eP	05	34.33	-0.4
			eS	06	05.33	
GLM	3.04	192	eP	05	42.67	-0.3
			S	06	21.16	
MDM	3.15	198	eP	05	44.10	-0.4
			eS	06	24.25	
FBA	3.16	195	ePn	05	44.04	-0.6
CCB	3.41	194	eP	05	47.54	-0.6
MLY	3.52	216	eP	05	49.61	-0.1
IMA	3.59	242	ePnd	05	50.32	-0.6
			ePg	06	00.04	
			(S)	06	49.43	
HDA	3.59	187	eP	05	50.11	-0.7
WRH	3.61	195	eP	05	50.48	-0.6
			S	06	33.25	
NEA	3.63	202	eP	05	50.41	-0.9
DJE	3.95	179	eP	05	55.26	-0.5
DOT	4.39	169	eP	06	01.08	-1.1
MCK	4.42	198	eP	06	02.07	-0.5
RND	4.73	196	eP	06	06.56	-0.5
TNW	4.80	164	eP	06	06.85	-1.2
TRF	4.87	204	eP	06	08.45	-0.7
KTH	4.88	207	eP	06	08.74	-0.4
PAX	5.01	178	eP	06	09.98	-1.0
BRW	5.06	317	eP	06	10.51	-1.0
HUR	5.23	199	eP	06	14.46	0.4
SDG	5.45	178	eP	06	16.09	-1.1
TOA	5.88	181	P	06	23.30	0.1
TZL	5.94	178	eP	06	23.50	-0.5
SCM	6.18	186	iP	06	27.59	0.2
SML	6.26	191	iP	06	28.38	-0.2
GHO	6.34	193	eP	06	28.68	-1.1
SKT	6.45	204	iP	06	30.80	-0.5
KLU	6.49	180	eP	06	31.86	0.0
PMR	6.54	194	eP	06	33.17	0.8
PLRM	6.54	194	eP	06	32.93	0.5
PWA	6.55	197	P	06	33.00	0.4
TTA	6.56	225	eP	06	31.06	-1.8
GLB	6.60	171	iP	06	32.13	-1.3
KNK	6.66	191	eP	06	35.18	1.0
SUA	6.84	200	eP	06	38.15	1.4
VLZ	6.85	182	eP	06	36.79	-0.1
PMS	6.92	195	P	06	39.50	1.7
BALM	7.11	166	eP	06	39.27	-1.4
GLI	7.12	185	eP	06	40.60	-0.1
CGLM	7.17	204	eP	06	40.62	-0.7
CRP	7.23	205	eP	06	40.92	-1.3
FID	7.24	182	eP	06	41.87	-0.4
CP2	7.24	205	eP	06	42.38	-0.2
PTE	7.25	192	eP	06	42.55	0.2
BGL	7.27	206	eP	06	42.50	-0.3
CKN	7.27	205	eP	06	41.10	-1.7
CTGM	7.29	162	eP	06	41.51	-1.6
SPU	7.29	204	(P)	06	41.51	-1.6
CKL	7.32	205	eP	06	43.27	-0.3
CROM	7.33	169	eP	06	43.42	-0.3
TGL	7.35	168	eP	06	43.05	-0.9
BKG	7.43	205	eP	06	45.74	0.7
MPA	7.64	193	eP	06	47.86	-0.1
WAX	7.65	169	eP	06	48.26	0.1
HMT	7.68	174	eP	06	45.62	-2.9
SLKM	7.71	196	eP	06	48.95	0.1
YAH	7.83	165	eP	06	50.47	-0.3
DFR	7.95	205	eP	06	53.72	1.4
NCT	8.02	206	eP	06	53.23	-0.1
SVW	8.04	216	eP	06	51.25	-2.2
MBC	11.50	32	eP	07	36.90	-4.0
	0.5s	5.00nm			5.1mb	X
YKA	14.09	98	eP	08	07.10	-8.3
	0.9s	17.70nm			4.8mb	
BW06	31.74	124	eP	11	21.00	1.0
	1.0s	2.50nm			4.1mb	
ALO	39.87	125	eP	12	34.00	4.8
	1.2s	2.54nm			3.8mb	
	65 obs.	associated				

? NOV 05, 1992 15h 10m 26.19±0.96s
 39.019 N ± 8.4km 27.614 E ± 10.3km

DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

IZM	0.68	204	ePg	10	39.60	-0.1
			eSg	10	52.60	
DST	0.98	53	iPn	10	45.60	0.8
EZN	1.28	309	ePn	10	50.30	0.3
EDC	1.34	8	iPn	10	51.00	0.1
KCT	1.36	25	ePn	10	50.00	-1.1
	S.D. = 1.0	on	5 of	5 obs.		

? NOV 05, 1992 15h 37m 26.53±1.17s
 39.280 N ± 10.9km 28.072 E ± 14.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

DST	0.54	53	iPg	37	37.10	-0.4
			eSg	37	45.10	
KCT	0.99	13	iPn	37	46.50	1.2
BNT	1.08	354	ePg	37	46.00	-0.9
IZM	1.08	216	ePn	37	47.00	0.0
	S.D. = 1.5	on	4 of	4 obs.		

? NOV 05, 1992 15h 42m 05.95±4.92s
 31.733 S ± 26.5km 71.841 W ± 37.2km
 DEPTH = 20.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

JACH	1.42	132	iP	42	30.40	-0.4
ROCH	1.42	151	iPd	42	30.67	-0.3
PEL	1.71	146	iPd	42	35.25	0.2
LCCH	1.75	173	iP+	42	35.71	0.2
RTBS	2.04	89	iPd	42	40.40	0.8
			(S)	43	18.50	
FCH	2.06	141	iP	42	40.41	0.1
TACH	2.06	159	iP+	42	40.52	0.5
			iS	43	09.67	
PCH	2.19	150	iP	42	42.10	0.1
			iS	43	12.79	
LNIV	2.25	171	iPd	42	41.99	-0.6
CHCH	2.41	156	eP	42	45.33	0.3
RTCB	2.61	85	ePc	42	48.80	0.9
			S	43	23.00	
RTCV	2.82	93	ePd	42	52.80	2.0
			S	43	26.20	
CFA	3.07	89	ePd	42	55.20	0.8
MRA	5.25	99	e(P)	43	23.70	-1.5
TCA	6.20	88	eP	43	35.80	-3.0
			(S)	44	48.00	
	S.D. = 1.2	on	15 of	15 obs.		

NOV 05, 1992 15h 42m 26.93±0.63s
 42.284 N ± 6.2km 44.794 E ± 5.8km
 DEPTH = 40.4 ± 7.5 km
 4.5mb (17 obs.)
 NORTHWESTERN CAUCASUS (362)
 Felt (III) at Groznyy, Georgio.

MTA	0.58	180	iPg-	42	37.40	-1.4
			i	42	48.60	
GRO	1.25	31	iPg-	42	48.00	-0.2
			i	42	54.00	
ERE	2.11	186	iPn-	43	03.40	2.7X
			iS	43	36.00	
PYA	2.16	325	iPnc	43	01.00	-0.3
			i	43	08.00	
			eS	43	32.00	
			iS	43	34.50	
KIV	2.27	318	iPnc	43	04.60	1.6
			eS	43	35.10	
GRS	3.02	157	iPnd	43	14.00	0.5
			i	43	55.40	
SHE	3.32	118	iPnd	43	19.00	1.3
			i	43	24.00	
			i	43	55.00	
			i	44	02.50	
			i	44	05.00	
SOC	3.95	291	iPnd	43	43.00	16.4X
			eS	44	35.00	
			e	44	45.00	
TAB	4.37	164	eP	43	36.00	3.2X
			i	43	42.00	
ANN	6.03	298	eP	44	04.00	8.0X

ASH	11.24	108	eP	45	02.00	-6.0X
MAIO	12.85	113	eP	45	26.00	-3.7X
			eS	47	53.00	
OBN	13.91	340	eP	45	37.00	-6.3X
	Z 16s		1.20um			
	N 16s		1.20um			
			e	48	23.00	
MLR	13.97	290	ePc	45	43.00	-1.4
MNK	16.30	321	eP	46	15.00	0.7
ARU	16.70	27	eP	46	13.00	-6.3X
			eS	49	09.00	
SVE	17.74	30	ePd	46	26.00	-6.2X
	2.9s		100.00nm		4.4mb	
	Z 12s		0.50um			
	N 13s		0.40um			
	E 13s		0.50um			
SPC	18.43	300	e(P)	46	44.80	3.8X
			e	57	51.40	
OJC	18.96	303	eP	46	46.10	-1.1
			i	46	47.50	
SRO	19.46	296	e(P)	47	02.80	9.8X
PUL	19.65	338	eP	47	06.00	11.1X
	Z 15s		1.00um			
BRVK	20.16	49	eP	46	56.00	-4.3X
	0.8s		17.00nm		4.4mb	
			eS	50	33.00	
ZST	20.31	296	eP	47	04.50	2.5X
KSP	21.28	304	eP	47	12.80	1.0
QUE	21.50	117	eP	47	14.80	0.4
FRU	21.93	78	eP	47	20.00	1.5
	2.0s		40.00nm		4.5mb	
			e	47	46.30	
NUR	21.99	333	iP	47	19.10	0.3
	0.5s		14.00nm		4.6mb	
GEC2	22.63	298	eP	47	29.30	3.9X
	0.6s		1.61nm		3.6mb	
			e	47	40.70	
			e	47	44.80	
			e	47	53.40	
KAF	22.70	337	iP	47	26.10	0.2
	0.8s		30.80nm		4.8mb	
KHC	22.74	298	eP	47	30.00	3.6X
			e	47	37.50	
BRG	22.74	303	eP	47	35.00	8.6X
CLL	23.40	304	e(P)	47	36.00	3.2X
KSH	23.69	86	eP	47	32.50	-3.3X
	1.0s		30.00nm		4.8mb	
UPP	24.23	326	iP	47	49.10	8.4X
HFS	26.06	324	eP	47	58.50	0.5
	0.5s		2.70nm		4.1mb	
	Z 15s		85.00um		6.4MszX	
			LR	57	15.00	
SDF	27.10	344	eP	48	00.00	-7.4X
NB2	27.57	324	P	48	11.60	-0.2
	0.7s		2.30nm		3.9mb	
WMO	31.13	72	eP	48	47.00	3.1X
	1.0s		6.20nm		4.3mb	
NRI	35.11	25	eP	49	18.00	0.1
	1.5s		16.00nm		4.7mb	
GKN	35.23	101	P	49	19.48	-0.1
DMN	35.79	101	P	49	24.68	0.1
KKN	35.82	101	P	49	24.68	0.0
PKI	36.03	101	P	49	26.48	-0.2
	0.8s		21.00nm		5.1mb	
GUN	36.19	100	P	49	27.86	-0.1
GTA	41.11	75	eP	50	07.50	-1.1
DAG	43.25	342	eP	50	26.00	0.6
	0.7s		5.48nm		4.4mb	
BCAO	44.36	219	iPc	50		

ALT	0.79	185	iSg	03 12.60	
			ePg	03 08.90	-0.7
			eSg	03 18.90	
KHL	0.99	162	ePg	03 12.90	-0.2
			eSg	03 24.90	
KCT	1.15	329	iPn	03 15.00	-0.7
GPA	1.36	41	ePn	03 20.00	0.8
BNT	1.43	320	iPn	03 21.60	1.4
EDC	1.46	318	iPn	03 20.50	0.0
GBZT	1.54	9	ePn	03 23.00	1.4
			iSg	03 44.00	
HRT	1.60	15	iPn	03 22.50	-0.2
IZM	1.70	240	ePn	03 24.60	0.5
ISK	1.80	358	ePn	03 25.00	-0.4
CIN	1.86	207	eP	03 29.00	2.7X
EZN	2.24	285	ePn	03 32.00	0.1
DMK	2.76	338	ePn	03 37.60	-1.6

S.D. = 0.9 on 13 of 14 obs.

? NOV 05, 1992 16h 07m 54.09±4.34s
 31.386 S ±24.5km 71.977 W ±31.0km
 DEPTH = 30.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

JACH	1.75	138	iP	08 22.81	-0.1
			iS	08 40.63	
ROCH	1.78	153	iP+	08 23.03	-0.5
			iS	08 42.00	
PEL	2.07	148	iPd	08 27.64	0.2
			iS	08 49.77	
LCCH	2.11	171	iPd	08 28.22	0.2
FCH	2.41	144	iP	08 32.64	0.1
			iS	08 59.51	
TACH	2.43	159	iP	08 32.77	0.2
PCH	2.55	151	iP	08 34.60	0.2
LNv	2.61	170	iP	08 34.66	-0.4
RTCB	2.72	93	ePc	08 40.70	4.0X
			S	08 53.20	
CHCH	2.78	157	iPd	08 37.60	0.1
ZON	2.82	94	eP	08 42.50	4.3X
			eS	09 17.50	
RTLL	3.00	90	ePc	08 41.30	0.6
			S	09 25.00	
MDZ	3.04	120	eP	08 56.70	15.3X
			i(S)	09 31.60	
CFA	3.20	95	eP	08 42.90	-0.6
MRA	5.43	102	e(P)	09 18.60	3.6X
TCA	6.32	91	eP	09 19.00	-8.7X
			(S)	09 40.00	

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

NOV 05, 1992 16h 16m 34.99±0.37s
 42.333 N ±3.4km 19.461 E ±3.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

TTG	0.18	303	iPg	16 39.45	0.5
			iSg	16 42.97	
ULC	0.40	203	iPg	16 42.85	-0.4
			iSg	16 49.34	
BCI	0.45	86	ePg	16 43.40	-0.8
			iSg	16 49.40	
PVY	0.46	55	iPg	16 44.57	0.2
			iSg	16 51.59	
BDV	0.47	264	iPg	16 44.40	-0.2
			iSg	16 51.62	
NKY	0.59	325	iPg	16 46.69	-0.3
			iSg	16 55.82	
IVA	0.63	31	iPg	16 47.59	-0.1
			iSg	16 57.07	
LACI	0.72	165	ePg	16 50.50	1.4
HCY	0.72	279	iPg	16 49.14	-0.1
			iSg	16 59.99	
KKS	0.75	110	ePg	16 50.00	0.3
BRY	0.88	310	iPg	16 51.97	-0.1
			iSg	17 05.23	
PHP	0.98	131	ePn	16 53.80	0.2
PLE	1.00	357	iPg	16 54.23	0.3
			iSg	17 09.05	
TIR	1.03	163	ePn	16 53.50	-0.9
			iSg	17 11.50	
SKO	1.51	103	ePn	16 57.60	-4.6X
			iSg	17 26.30	
			Lg	17 28.50	

S.D. = 0.6 on 14 of 15 obs.

* NOV 05, 1992 17h 15m 05.09±2.17s
 31.583 S ±9.3km 72.169 W ±19.3km
 DEPTH = 30.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.0 (SAN).

ROCH	1.70	145	iP	15 32.83	-0.5
JACH	1.73	130	iP	15 32.56	-1.1
			iS	15 51.29	
TLL	1.83	40	iPd	15 36.00	0.7
			iS	15 58.50	
LCCH	1.95	165	iP	15 37.30	0.5
			iS	15 58.71	
PEL	2.00	142	iP	15 37.25	-0.3
			iS	15 59.34	
TACH	2.31	154	eP	15 42.63	0.7
RTBS	2.32	93	ePd	15 42.70	0.8
			(S)	16 07.30	
FCH	2.36	138	iP	15 42.95	0.1
			iS	16 09.31	
LNv	2.45	165	iPd	15 43.89	0.0
PCH	2.47	146	iP	15 44.44	0.2
CHCH	2.67	152	iP	15 46.41	-0.6
RTCB	2.88	89	iPd	15 50.80	0.8
			S	16 24.90	
ZON	2.98	90	eP	15 53.50	2.1
			eS	16 20.50	
MDZ	3.10	116	eP	16 07.10	14.0X
			iS	16 37.40	
RTCV	3.11	96	iPc	15 54.20	1.0
			S	16 30.00	
CFA	3.35	91	ePc	15 57.20	0.5
RTPR	5.03	77	e(P)	16 19.80	-0.6
MRA	5.55	100	e(P)	16 25.50	-2.3
CYA	6.35	62	ePd	16 37.00	-2.1
TCA	6.48	90	eP	16 37.50	-3.5X
			(S)	17 48.00	

S.D. = 1.2 on 18 of 20 obs.

? NOV 05, 1992 17h 38m 02.15±2.01s
 7.551 N ±10.8km 126.961 E ±28.6km
 DEPTH = 65.0 ±27.4 km
 4.8mb (2 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

BIP	0.97	314	iPd	38 19.50	-0.8
CGP	2.42	292	iPc	38 39.50	-0.6
			iS	39 07.00	
MAP	4.03	313	iPd	39 03.70	0.9
PLP	4.09	332	ePc	39 04.00	0.4
MNI	6.43	199	e(P)	39 37.00	0.6
MTN	20.68	168	eP	42 39.00	-0.3
			0.4s	15.00nm	4.7mb
			eS	43 42.50	
QIS	30.57	156	eP	44 12.10	0.0
			0.2s	5.00nm	4.9mb
WARB	33.53	181	eP	44 37.50	-0.4
BCAO	107.60	277	iPKPd	56 34.00	9.6X
			0.9s	5.00nm	
			ic	58 07.50	
			id	00 43.50	

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

NOV 05, 1992 17h 38m 43.97±0.73s
 5.277 S ±3.8km 152.570 E ±4.6km
 DEPTH = 48.7 ±6.4 km
 5.0mb (25 obs.) 4.6Msz (2 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB	1.15	339	iPc+	39 04.20	0.2
PMG	6.75	232	eP	40 25.00	1.9
			eS	41 42.00	
MDG	6.76	270	eP	40 29.60	6.5X
SVO	8.15	119	P	40 45.00	2.5
			S	42 41.00	
HNR	8.40	120	eP	40 45.00	-0.9
			eS	42 38.00	
BKM	19.66	130	iPc	43 10.20	-1.7
QIS	19.73	219	eP	43 11.40	-1.3
PVC	19.76	130	iPc	43 13.10	0.2
GUMO	20.24	338	e(P)	43 17.50	-0.5
RMO	21.41	189	iPd	43 29.10	-0.7
			0.5s	28.00nm	4.9mb
DZM	21.43	142	iPd	43 28.00	-2.1
BRS	21.99	180	iPc	43 35.00	-0.7
			1.0s	5.00nm	3.9mb X

QLP	22.63	200	eP	43	43.30	1.3
WB2	22.95	229	iPc	43	45.70	0.6
	0.7s		17.90nm			4.6mb
WRA	22.96	229	P	43	45.50	0.3
	1.4s		13.30nm			4.2mb
ASPA	25.65	223	iPd	44	11.10	0.1
	0.8s		12.80nm			4.5mb
			eS	48	44.50	
CMS	26.83	193	eP	44	20.50	-1.3
	0.6s		5.00nm			4.3mb
STK	28.39	200	eP	44	34.70	-1.2
	1.9s		1.60nm			3.3mb X
MEEK	38.73	233	eP	46	04.50	-1.0
KUMJ	42.91	333	eP	46	39.70	0.1
MAT	43.72	343	eP	46	42.00	-4.2X
SHNJ	44.13	334	eP	46	55.70	6.2X
OFUJ	45.27	348	eP	46	53.60	-5.0X
SSE	46.97	322	P	47	11.00	-1.1
	1.5s		23.00nm			4.9mb
Z	20s		0.50um			4.5Msz
			eS	54	04.00	
WHN	51.04	317	eP	47	44.00	0.5
			pP	47	53.00	30kmX
GYA	54.50	308	P	48	09.40	-0.1
BJI	56.16	327	eP	48	20.00	-1.1
TIY	56.76	322	eP	48	25.00	-0.6
Z	22s		0.77um			4.8Msz
XAN	56.81	317	P	48	24.50	-1.5
	1.4s		25.00nm			5.1mb
			pP	48	34.50	33kmX
KMI	57.06	304	Pd	48	28.50	0.3
	1.8s		40.00nm			5.2mb
			pP	48	38.00	31kmX
CHG	57.99	296	ePc	48	35.40	1.0
	1.5s		38.89nm			5.3mb
CD2	58.87	311	iPc	48	39.40	-1.1
HHC	59.30	325	eP	48	43.40	0.0
	1.6s		37.00nm			5.3mb
BTO	60.04	324	eP	48	48.00	-0.4
LZH	61.41	316	eP	48	57.80	-0.1
	1.5s		51.00nm			5.4mb
			sP	49	10.00	
GTA	65.85	317	P	49	27.00	0.1
			pP	49	34.00	22kmX
ZAK	69.78	329	eP	49	51.50	0.4
	1.5s		35.00nm			5.1mb
BOD	70.11	339	eP	49	51.20	-1.8
	1.6s		22.00nm			4.8mb
GUN	72.17	301	P	50	05.54	-0.9
PKI	72.48	301	P	50	06.90	-1.4
KKN	72.65	301	P	50	08.32	-0.8
DMN	72.75	301	P	50	09.78	0.0
GKN	73.25	301	P	50	11.84	-0.8
	1.3s		90.00nm			5.5mb
WMO	75.94	317	P	50	28.20	0.6
	2.0s		27.00nm			4.8mb
ANM	76.30	17	(P)	50	28.68	-0.5
GBA	76.88	285	P	50	33.00	-0.2
TTA	78.29	21	eP	50	40.14	-0.2
	1.2s		14.60nm			4.9mb
TIK	78.32	353	eP	50	40.00	-0.1
	2.0s		41.00nm			5.1mb
			e	50	47.00	
PMR	80.21	24	eP	50	49.84	-0.7
	1.2s		41.53nm			5.2mb
KLU	81.50	25	eP	50	57.67	0.2
FBA	82.41	22	eP	51	00.66	-1.4
	1.2s		29.28nm			5.2mb
BALM	82.85	26	eP	51	04.50	-0.1
SPA	84.76	180	iPc	51	14.00	-0.2
	1.3s		8.33nm			4.7mb
FRU	84.78	314	iPc	51	16.00	1.4
	2.2s		210.00nm			5.9mb
			e	51	32.20	
NRI	86.19	341	iPd	51	20.20	-0.8
	1.7s		40.00nm			5.4mb
			e	51	30.00	
QUE	88.85	300	eP	51	36.00	1.1
BRVK	89.55	323	iPc	51	36.00	-1.4
	1.8s		28.00nm			5.3mb
MBC	94.63	14	eP	52	01.00	0.6
	1.0s		4.00nm			4.8mb
SVE	95.44	326	ePd	52	04.00	-0.5
	2.0s		20.00nm			5.2mb
MAIO	95.57	306	eP	52	06.00	0.3
SPC	120.59	326	ePKP	57	32.60	0.4
SRO	122.41	325	ePKP	57	37.70	2.20

05d 17h

ZST	122.88	326	e(PKP)	57	35.30	-1.1
BRG	122.97	330	ePKP	57	37.00	0.6
	1.3s	16.00nm				
CLL	123.15	331	e(PKP)	57	37.00	0.2
SKO	123.32	318	ePKP	57	36.50	-1.0
KHC	124.23	329	ePKP	57	39.50	0.4
	1.3s	6.60nm				
		e	57	47.50		
GEC2	124.34	328	ePKPd	57	39.60	0.2
	1.0s	2.54nm				
		e	57	44.10		
		e	57	48.80		
GRF	125.07	330	ePKP	57	41.00	0.4
		e	57	50.00		
VBY	125.43	324	ePKP	57	41.90	0.5
		epPd	57	50.50		
LJU	125.54	325	e(PKP)	57	41.50	-0.2
CEY	125.78	325	ePKP	57	42.50	0.3
WTTA	126.41	328	iPKPd	57	43.80	0.2
	1.1s	22.90nm				
		i	57	52.50		
WLF	127.48	333	PKP	57	47.00	1.8
CDF	127.85	331	ePKP	57	45.90	-0.2
DOU	127.85	334	PKP	57	47.30	1.4
BSF	128.49	331	ePKP	57	47.40	0.0
HAU	128.58	331	ePKP	57	47.60	0.1
	1.4s	23.95nm				
LPL	130.11	329	ePKP	57	51.00	0.3
LPG	130.12	329	ePKP	57	51.20	0.4
LOR	130.27	332	ePKP	57	51.20	0.5
	1.3s	11.90nm				
LBF	130.43	332	ePKP	57	51.50	0.5
	1.3s	9.05nm				
SSF	130.59	332	ePKP	57	51.80	0.5
	1.1s	7.35nm				
SMF	130.74	332	ePKP	57	52.10	0.5
	1.4s	17.00nm				
PGF	130.82	325	ePKP	57	52.10	0.1
	1.4s	21.80nm				
SBF	130.85	327	ePKP	57	52.10	0.1
	1.3s	20.20nm				
AVF	130.86	332	ePKP	57	52.00	0.2
LDF	130.98	336	ePKP	57	52.50	0.6
	1.5s	28.75nm				
FLN	130.99	337	ePKP	57	52.10	0.2
BGF	131.27	332	ePKP	57	53.30	0.7
	1.3s	15.90nm				
GRR	131.44	337	ePKP	57	53.40	0.6
	1.7s	28.65nm				
FRF	131.48	327	ePKP	57	53.50	0.4
MAF	131.65	332	ePKP	57	53.80	0.5
	1.5s	14.10nm				
LMR	131.71	327	ePKP	57	53.80	0.3
LRG	131.71	327	ePKP	57	55.41	1.9X
	1.4s	27.90nm				
TCF	131.76	333	ePKP	57	54.20	0.6
	1.5s	23.00nm				
LPF	131.80	336	ePKP	57	54.20	0.7
	1.4s	29.20nm				
LSF	132.10	333	ePKP	57	54.60	0.4
MFF	132.56	335	ePKP	57	55.70	0.7
	1.6s	25.50nm				
LPB	134.32	119	PKP	57	59.70	-0.1
		e	01	34.00		
IFR	145.08	326	iPKPc	58	19.00	0.6
TRN	145.95	79	ePKP	58	20.00	-0.2
AVE	146.47	329	iPKP	58	22.00	1.5
TIO	148.21	326	iPKPd	58	28.00	4.4X
ANTZ	151.53	326	iPKPc	58	35.50	7.0X
		i	58	39.00		
		i	58	41.80		

S.D. = 0.9 on 97 of 105 obs.

NOV 05, 1992 18h 14m 52.00±0.31s
 41.563 N ± 3.4km 19.356 E ± 3.3km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)
 ML 3.3 (TTG), 3.2 (THE), 3.2 (TIR).

LACI	0.28	74	iPgc	14	57.50	-0.3
			iSg	15	02.50	
ULC	0.41	349	iPgc	15	00.74	0.4
			iSg	15	07.83	
TIR	0.44	119	iPgd	15	00.00	-0.9
			iSg	15	08.20	
BDV	0.82	332	iPgd	15	08.28	0.4

PHP	0.82	81	iSg	15	21.98	
			iPgd	15	05.90	-2.0
			iSg	15	16.40	
TTG	0.87	355	iPgd	15	08.58	-0.1
			iSg	15	22.55	
KKS	0.94	57	ePg	15	10.00	0.1
BCI	0.96	33	iPgd	15	09.00	-1.3
			iSg	15	15.00	
HCV	1.09	324	iPgd	15	13.39	0.9
			iSg	15	31.04	
VLO	1.10	174	ePn	15	13.40	0.8
PVY	1.13	24	iPgc	15	12.79	-0.4
			iSg	15	29.86	
NKY	1.28	348	iPgd	15	16.54	0.8
			iSg	15	36.71	
TPE	1.36	158	iPnc	15	17.00	0.0
			iSn	15	36.00	
IVA	1.37	17	iPgc	15	17.43	0.3
			iSg	15	38.21	
BRY	1.47	336	iPgc	15	20.23	1.6
			iSg	15	43.23	
SKO	1.61	75	iPn	15	22.20	1.6
			iPg	15	23.00	
			iSg	15	44.50	
LSK	1.70	146	ePn	15	22.70	0.8
			iSn	15	44.00	
BRT	1.76	248	P	15	25.10	2.3
			eSn	15	48.60	
PLE	1.77	1	iPnd	15	24.60	1.7
			iSn	15	50.14	
KEK	1.88	170	ePb	15	24.50	0.1
IGT	2.16	160	iPn	15	30.14	1.6
KZN	2.22	124	ePb	15	31.20	1.7
GRG	2.37	104	iPnd	15	32.17	0.5
			eSn	16	00.20	
VAY	2.43	95	iPn	15	32.40	0.1
			iSg	16	02.30	
			Lg	16	09.40	
HVAR	2.69	308	ePn	15	38.80	2.7
LIT	2.79	121	ePn	15	37.76	0.2
			eSn	16	11.00	
THE	2.88	108	ePn	15	38.64	-0.1
			eSn	16	13.28	
TDS	2.98	231	P	15	40.00	-0.2
			eSn	16	12.10	
SOH	3.11	102	ePn	15	41.64	-0.4
			eSn	16	18.04	
MGR	3.22	245	P	15	43.40	-0.1
SGO	3.22	253	P	15	42.70	-0.9
SRS	3.22	97	ePn	15	43.56	-0.1
AGG	3.41	137	ePn	15	45.96	-0.3
			eSn	16	25.92	
VLS	3.51	164	ePn	15	45.00	-2.7
PAIG	3.67	115	ePn	15	49.88	-0.1
			eSn	16	31.00	
SDI	4.15	274	P	15	56.60	-0.3
VBY	4.94	324	ePn	16	06.90	-1.1
			eSn	17	04.10	
ARV	5.12	294	P	16	08.60	-2.0
ASS	5.19	289	P	16	10.30	-1.3
CEY	5.50	321	ePn	16	14.60	-1.3
			e(Sn)	17	20.50	
CRE	5.84	293	P	16	19.80	-1.0
VOY	5.96	320	e(Pn)	16	21.00	-1.5
			eSg	17	29.00	
GEC2	8.30	333	ePn	17	03.40	8.1X
	0.4s	0.39nm			4.0mb	
		e	17	10.10		

S.D. = 1.2 on 42 of 43 obs.

NOV 05, 1992 18h 31m 45.80±0.49s
 41.541 N ± 4.6km 19.341 E ± 4.3km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)
 ML 3.0 (TIR), 2.8 (TTG).

LACI	0.29	71	iPgc	31	51.00	-0.9
			iSg	31	56.00	
ULC	0.43	351	iPgc	31	54.40	-0.1
			iSg	32	01.72	
TIR	0.44	116	iPgd	31	53.70	-1.0
			iSg	32	01.50	
BDV	0.83	333	iPgd	32	01.82	-0.1
			iSg	32	15.14	
PHP	0.84	80	iPgc	32	00.40	-1.6
			iSg	32	12.90	

TTG	0.89	356	iPgd	32	02.47	-0.4
			iSg	32	17.03	
BCI	0.99	33	iPg	32	10.34	5.8X
			iSg	32	18.00	
VLO	1.08	174	ePn	32	06.90	0.8
HCV	1.10	326	iPgd	32	06.88	0.4
			iSg	32	23.75	
PVY	1.15	24	iPgd	32	06.69	-0.8
			iSg	32	24.84	
NKY	1.30	349	iPgd	32	10.75	0.9
			iSg	32	30.10	
IVA	1.39	17	iPgd	32	11.49	0.2
			iSg	32	32.85	
BRY	1.48	337	iPgc	32	13.93	1.3
			iSg	32	36.57	
SKO	1.63	74	iPn	32	16.00	1.4
			iSg	32	37.70	
			Lg	32	39.30	
LSK	1.69	145	ePn	32	17.00	1.5
BRT	1.74	248	P	32	19.10	2.8X
			eSn	32	43.00	
PLE	1.79	1	iPnc	32	18.72	1.7
			iSn	32	44.07	
IGT	2.14	159	eP	32	15.00	-7.1X
VAY	2.44	94	iP	32	26.40	0.1
HVAR	2.70	308	e(Pn)	32	33.90	3.9X
SGO	3.20	253	P	32	36.60	-0.5
			eSn	33	15.70	
SDI	4.15	274	P	32	50.60	0.0
ARV	5.12	295	P	33	02.30	-2.0
ASS	5.18	289	P	33	04.50	-0.8

S.D. = 1.1 on 20 of 24 obs.

NOV 05, 1992 18h 34m 04.36±0.53s
 41.525 N ± 4.9km 19.322 E ± 4.6km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)
 ML 3.0 (TIR), 2.8 (TTG).

LACI	0.31	69	ePg	34	09.60	-1.2
			iSg	34	14.50	
ULC	0.44	353	iPgd	34	13.07	-0.3
			iSg	34	20.07	
TIR	0.45	113	iPgd	34	12.20	-1.2
			iSg	34	20.50	
BDV	0.84	334	iPgd	34	20.50	-0.1
			iSg	34	32.86	
PHP	0.85	79	iPgc	34	18.90	-1.9
			iSg	34	31.40	
TTG	0.91	357	iPgc	34	21.25	-0.4
			iSg	34	35.74	
KKS	0.98	56	ePg	34	22.50	-0.5
VLO	1.06	173	ePn	34	24.60	0.2
PVY	1.17	24	iPgc	34	27.32	1.0
			iSg	34	45.42	
NKY	1.31	350	iPgc	34	28.69	0.0
			iSg	34	48.84	
IVA	1.41	17	iPgc	34	31.77	1.6
			iSg	34	52.90	
BRY	1.49	337	iPgc	34	31.86	0.5
			iSg	34	53.71	
SKO	1.65	74	iPn	34	34.80	1.4
			iSg	34	56.10	

SAGI	3.21	80	iPd	42 38.40	-1.3	MTUR	16.18	345	eP	45 45.00	8.0X	OBN	25.69	7	ePd	47 18.00	-1.1
MBH	3.37	88	iPd	42 41.00	-1.0	MLR	16.25	347	eP	45 35.00	-2.9X		0.9s	80.00nm			5.3mb
AOBJ	3.52	89	P+	42 45.00	1.0	VRI	16.48	349	ePd	45 43.00	2.4			i		47 26.70	
HQL	3.55	96	eP	42 28.00	-16.5X	SGO	16.77	314	P	45 41.90	-2.3			e		47 33.00	
			eS	43 25.00		GZR	16.94	340	iPc	45 51.50	4.9X	BSF	25.98	321	eP	47 22.80	0.8
JRSJ	3.71	80	Pc	42 47.72	1.0	KIV	16.99	30	iPd	45 49.50	2.3		1.0s	10.40nm			4.4mb
MRSJ	3.76	89	Pc	42 48.18	0.7	PYA	17.21	31	iP	45 52.00	2.1	CDF	26.06	322	eP	47 26.00	3.2X
NAQJ	3.92	85	Pc	42 50.63	0.8	HVAR	17.79	323	i(Pn)	45 56.60	-0.5		0.7s	6.70nm			4.4mb
SHWJ	3.95	79	Pc	42 51.37	1.0	DUI	17.93	316	P	46 00.50	1.6	LBF	27.13	317	eP	47 32.20	-0.3
DHLJ	3.96	73	Pc	42 50.75	0.5	SDI	18.35	315	P	46 11.70	7.7X		0.9s	5.10nm			4.2mb
LISJ	4.15	67	Pc	42 53.52	0.6	ARV	19.93	319	P	46 22.60	0.2	LOR	27.34	317	eP	47 34.50	0.1
JRDJ	4.16	75	Pc	42 55.10	1.8	UZH	20.04	343	iPd	46 23.20	-0.3		1.1s	7.35nm			4.3mb
MDRJ	4.20	92	Pc	42 54.24	0.4				i	46 38.30		WLF	27.41	324	P	47 48.00	13.1X
HITJ	4.21	88	Pc	42 54.59	0.7	VBY	20.05	326	eP	46 23.70	0.1	SSF	27.45	317	eP	47 35.20	-0.2
JVI	4.34	58	iP	42 54.60	-1.2	RIY	20.36	325	eP	46 21.60	-5.3X		1.2s	8.35nm			4.3mb
MKRJ	4.40	64	Pc	42 57.12	0.6	SRO	20.56	335	iP	46 25.70	-3.2X	BCAO	27.77	208	ePc	47 37.50	-1.1
AYN	4.44	100	ePd	42 41.00	-16.1X				i	46 29.70			1.1s	17.00nm			4.7mb
			eS	43 38.00					i	46 36.30				ic		47 44.30	
MASJ	4.53	62	Pc	42 59.23	0.8	CEY	20.62	325	eP	46 30.00	0.4	LPO	27.87	311	eP	47 40.60	1.4
KFNJ	4.56	61	Pc	42 59.69	1.0	LJU	20.79	326	eP	46 32.00	0.7		0.9s	5.40nm			4.3mb
QTRJ	4.60	69	Pc	42 59.51	0.0	TRI	20.93	324	eP	46 37.00	4.3X	LFF	28.26	311	eP	47 44.10	1.4
SALJ	4.63	59	Pc	43 00.98	1.1	VOY	21.09	325	eP	46 34.20	-0.3		0.9s	14.40nm			4.7mb
MMJ	4.66	53	iP	42 59.00	-1.2	SPC	21.11	340	eP	46 35.80	1.0	DOU	28.47	323	P	47 51.50	6.9X
GHZJ	4.68	79	Pc	43 01.19	0.6	ZST	21.33	334	e(P)	46 34.20	-2.6	LDF	30.33	317	eP	48 00.50	-0.7
BURJ	4.83	57	Pc	43 03.93	1.2	RBL	21.54	326	P	46 46.60	7.6X		0.7s	0.30nm			3.2mb X
MDSJ	4.91	66	Pc	43 03.92	0.1	PGF	21.83	312	eP	46 41.40	-0.6	FLN	30.62	317	eP	48 03.20	-0.5
SHMJ	5.06	52	Pc	43 07.06	1.1		0.8s	10.05nm		4.3mb			1.0s	11.00nm			4.6mb
CSTJ	5.10	73	Pd	43 07.18	0.7	FVI	22.04	325	P	46 48.10	4.3X	GRR	30.67	316	eP	48 03.80	-0.5
PPCY	5.28	12	eP	43 07.20	-1.8	KBA	22.10	327	i(P)	46 53.30	8.6X		0.9s	9.00nm			4.6mb
			eS	44 05.80			1.1s	140.00nm		5.3mb	NUR	31.09	354	eP	48 06.50	-1.3	
HRI	5.38	48	iP	43 08.80	-1.7	BHG	22.78	327	iPc	46 59.40	8.2X		0.8s	8.00nm			4.6mb
CSS	5.59	20	ePc	43 13.40	0.0	WTTA	23.07	325	iPd	46 57.00	2.8	KAF	32.55	356	eP	48 19.70	-0.9
			eS	44 16.00			1.2s	54.40nm		5.0mb		0.7s	4.80nm			4.5mb	
BHL	5.75	42	Pn	43 12.00	-3.8X				i	47 04.30		HFS	32.58	344	eP	48 20.20	-0.7
			Sn	44 16.00		GEC2	23.24	330	ePd	46 56.20	0.4		0.4s	1.10nm			4.2mb
FAM	5.85	25	eP	43 16.50	-0.5		0.5s	4.02nm		4.2mb	NB2	33.99	343	P	48 32.00	-1.1	
			eS	44 21.40					e	46 58.30			0.9s	8.80nm			4.7mb
WAJH	6.05	124	ePc	43 17.00	-2.8				e	47 02.80		SVE	34.13	29	ePd	48 32.50	-1.8
			eS	44 53.00					e	47 04.10		EKA	35.31	326	P	48 52.00	7.5X
ELL	7.08	353	iPn	43 34.00	-0.4				e	47 10.10			0.6s	3.60nm			4.5mb
NPS	7.17	322	eP	43 34.50	-1.1				e	47 12.50		BRVK	36.91	40	eP	48 57.00	-0.9
			eS	44 55.50		OSS	23.47	322	ePc	47 01.70	3.6X		1.0s	12.00nm			4.7mb
BCK	7.74	358	iPn	43 44.30	0.7	KHC	23.51	330	eP	47 00.00	1.7	SDF	37.84	357	iP	49 05.80	0.2
CIN	8.24	344	eP	43 49.00	-1.5		1.0s	11.40nm		4.4mb	KSH	37.95	63	eP	49 06.00	-1.0	
KHL	8.68	352	ePn	43 56.00	-0.7				e	47 06.20		KIC	40.88	243	P	49 30.92	-0.5
IZM	9.20	341	ePn	43 56.60	-7.3X				e	47 18.50		TIC	40.92	243	P	49 31.14	-0.6
ALT	9.35	356	ePn	44 04.00	-2.0	VDL	23.71	321	ePc	47 01.80	1.3	LIC	41.19	243	P	49 33.48	-0.5
VLI	9.72	318	eP	44 07.50	-3.4X	PRU	23.77	333	eP	47 02.00	1.2	HYB	44.98	95	ePc	50 04.00	-0.9
			eS	45 50.00					e	47 37.00		GBA	45.71	100	P	50 10.00	-0.6
DST	10.06	349	ePn	44 15.00	-0.7	TMA	23.81	320	P	47 13.60	12.1X	GKN	46.65	78	P	50 17.14	-1.0
ATH	10.22	326	eP	44 15.20	-2.7	LMR	23.82	311	eP	47 03.00	1.7	WMQ	46.68	56	P	50 18.80	0.7
			eS	46 06.40			1.1s	14.90nm		4.4mb		1.0s	4.30nm			4.4mb	
PRK	10.28	339	eP	44 17.00	-1.6	WET	23.82	330	iPc	47 02.20	0.9	DMN	47.16	79	P	50 21.30	-1.0
KCT	10.73	349	ePn	44 22.50	-2.4	KSP	23.82	337	eP	47 01.50	0.2	KKN	47.26	78	P	50 22.04	-1.0
BNT	10.92	347	eP	44 31.00	3.6X	FRF	23.83	312	eP	47 03.30	1.8		0.7s	70.00nm			5.8mb X
EDC	10.92	347	ePn	44 23.00	-4.4X		1.1s	14.40nm		4.4mb	PKI	47.43	79	P	50 23.22	-1.3	
QASM	11.65	105	eP	44 36.00	-1.4	FUR	23.86	326	eP	47 03.50	1.8	GUN	47.73	78	P	50 25.94	-1.0
			eS	47 30.00		LRG	23.97	312	eP	47 04.70	1.9	NRI	51.06	22	iPd	50 51.50	0.0
AGG	11.73	325	eP	44 34.96	-3.4X		0.7s	8.05nm		4.4mb	DAG	52.47	347	iPc	51 01.50	-0.5	
PAIG	11.83	331	eP	44 34.60	-5.1X	ASH	24.09	63	eP	47 05.40	1.3		0.5s	6.34nm			4.8mb
ALN	11.87	341	eP	44 37.16	-3.1X	LLS	24.20	321	ePc	47 07.00	1.8	GTA	56.26	60	iPd	51 29.50	-0.9
VLS	12.08	317	eP	44 40.50	-2.6	MMK	24.30	319	P	47 17.10	10.8X		1.0s	24.00nm			5.2mb
LIT	12.49	328	eP	44 46.52	-2.2	MNK	24.30	355	eP	47 10.00	4.1X	ZAK	56.75	47	eP	51 34.00	0.5
SOH	12.72	333	eP	44 39.36	-12.3X	DIX	24.64	318	P	47 11.80	2.2		1.0s	10.00nm			4.8mb
THE	12.72	331	eP	44 53.04	1.4	BRG	24.71	334	eP	47 10.80	0.9	LZH	60.19	63	eP	51 57.00	-0.9
KZN	12.99	327	eP	44 53.50	-1.8		1.0s	20.00nm		4.7mb		1.6s	33.00nm			5.2mb	
			eS	47 15.00					i	47 18.20		BOD	61.84	37	iPd	52 06.50	-2.1
GRG	13.23	330	eP	44 56.80	-1.6	LPG	24.72	316	eP	47 12.80	2.4		0.5s	28.00nm			5.6mb X
VAY	13.46	332	eP	45 01.30	-0.1		0.7s	8.50nm		4.5mb	TIK	64.54	20	eP	52 25.00	-1.2	
KEK	13.57	320	eP	44 59.00	-3.9X	MAIO	24.72	67	iPd	47 11.00	0.7		1.0s	13.00nm			5.0mb
			eS	47 20.50			0.9s	7.25nm		4.3mb	HHC	64.56	56	eP	52 27.00	0.0	
KER	14.42	67	eP	45 15.00	0.8	LPL	24.74	316	eP	47 12.30	1.8		1.0s	51.00nm			5.6mb X
SKO	14.47	330	iP	45 19.80	5.1X		0.8s	6.45nm		4.3mb	XAN	64.79	64	Pd	52 27.50	-0.9	
RYD	14.74	106	ePd	45 20.30	1.9	RSL	24.89	317	P	47 12.57	0.7		0.6s	15.00nm			5.3mb
			eS	48 10.00		EMS	24.91	318	iPc	47 13.50	1.4			pP		52 36.00	27km
SOI	14.94	308	P	45 21.40	0.5	GRF	24.96	329	iPd	47 13.20	0.9	GYA	65.69	72	P	52 34.00	-0.4
			eSn	45 39.30			1.0s	14.00nm		4.5mb		1.0s	9.60nm			4.9mb	
TAB	15.20	53	eP	45 25.00	0.6				e	47 19.70		TIY	66.22	59	eP	52 36.70	-0.9
ERE	15.20	43	iP+	45 30.00	5.7X	SLE	25.02	322	ePc	47 14.00	1.1	WHN	70.35	65	iPc	53 03.50	0.1
	0.8s	7.00nm			4.0mb	FEL	25.34	322	P	47 16.84	0.7		0.7s	34.00nm			5.6mb X
MEU	15.30	303	P	45 26.00	0.3	CLL	25.42	333	iPc	47 17.60	1.0	MBC	72.68	353	ePc	53 17.50	0.9
ATN	15.39	307	P	45 25.20	-1.6		1.1s	28.00nm		4.8mb		0.6s	2.00nm			4.3mb	
TDS	15.60	313	P	45 28.10	-1.4				i	47 24.30		CN2	73.06	49	eP	53 18.60	-0.8
ISR	15.80	348	eP	45 14.00	-18.0X	MOX	25.48	331	iPc	47 18.80	1.5		0.8s	2.00nm			4.2mb

05d 18h

NEW 97.29 339 P 55 22.60 0.9
1.1s 8.02nm 5.2mb
S.D. = 1.3 on 142 of 178 obs.

NOV 05, 1992 19h 16m 46.37 ± 1.16s
29.757 N ± 9.8km 31.078 E ± 5.7km
DEPTH = 25.4 ± 6.7 km

EGYPT (553)
MD 4.1 (HLW).

HLW 0.25 66 eP 16 53.50 0.8
KOT 0.68 75 ePgc 16 59.00 -0.5
SAGI 3.14 81 iP 17 35.00 -0.4
MBH 3.31 89 iP 17 37.40 -0.3
HQL 3.50 97 eP 18 14.30 33.9X
eS 19 48.00
DHLJ 3.89 73 Pd 17 45.15 -0.7
LISJ 4.08 68 Pc 17 48.75 0.2
JVI 4.26 58 iP 17 51.30 0.0
MKRJ 4.32 64 Pd 17 52.54 0.4
AYN 4.39 100 eP 17 52.00 -1.0
eS 18 49.00
MASJ 4.45 63 P+ 17 54.10 0.1
SALJ 4.55 59 Pd 17 56.18 0.7
MML 4.58 53 iP 17 56.00 0.2
BURJ 4.75 57 Pc 17 58.84 0.5
JARJ 4.86 58 Pd 18 00.09 0.4
SHMJ 4.99 52 Pd 18 01.45 -0.1
PPCY 5.22 12 eP 18 04.40 -0.4
eS 19 02.50
HRI 5.30 47 iP 18 06.50 0.4
CSS 5.53 20 eP 18 10.20 1.0
eS 19 12.20
BHL 5.68 42 Pn 18 10.00 -1.4
Sn 19 14.00
FAM 5.78 25 eP 18 14.70 2.0
eS 19 20.60
ELL 7.04 352 ePn 18 30.50 -0.1
BCK 7.69 357 iPn 18 40.30 0.6
CIN 8.21 343 eP 18 46.00 -0.8
KHL 8.64 352 ePn 18 51.00 -1.9
ALT 9.31 355 eP 19 00.00 -2.1
SPC 21.09 340 eP 21 31.70 0.4
ZST 21.32 334 eP 21 32.30 -1.0
GEC2 23.23 330 ePc 21 53.00 0.6
1.1s 9.51nm 4.3mb
e 21 55.60
e 21 59.70
KHC 23.50 330 eP 21 55.50 0.6
e 22 02.00
BRG 24.69 333 i(P) 22 24.00 17.5X
GRF 24.95 328 eP 22 09.60 0.6
CLL 25.41 333 iPc 22 13.90 0.7
1.1s 26.00nm 4.8mb
e 22 22.00
MOX 25.47 330 iPc 22 15.30 1.4
0.9s 18.00nm 4.7mb
OBN 25.64 7 iPc 22 15.20 -0.1
0.9s 20.00nm 4.9mb
e 22 22.00
NB2 33.96 343 P 23 28.80 -0.8
0.9s 4.00nm 4.3mb
S.D. = 0.9 on 34 of 36 obs.

NOV 05, 1992 19h 53m 22.97 ± 0.11s
5.263 S ± 3.0km 152.575 E ± 3.4km
DEPTH = 19.8km (geophysicist)
5.9mb (90 obs.) 6.0Msz (70 obs.)
NEW BRITAIN REGION, P.N.G. (192)

Depth from broadband
displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=155 Dip=52 Slip= 105
NP2: 311 40 72
Principal Axes:
T P1g=77 Azm=118
P 6 234
Comment: The focal mechanism is
poorly controlled and
corresponds to reverse
faulting with a moderate
strike-slip component. The
preferred fault plane is not
determined.

RADIATED ENERGY
No. of sto: 22 Focal mech. F
Energy 9.4 ± 1.9 × 10¹² Nm

MOMENT TENSOR SOLUTION

Dep 9 No. of sto: 22
Moment Tensor; Scale 10¹⁸ Nm
Mrr=1.08 Mtt=-0.09
Mff=-0.99 Mrt=0.70
Mrf=0.29 Mtf=-0.55

Principal axes:

T Vol= 1.41 P1g=65 Azm=358
N -0.02 20 215
P -1.39 14 120

Best Double Couple: Mo=1.4 × 10¹⁸
NP1:Strike=185 Dip=36 Slip= 54
NP2: 47 62 113

CENTROID, MOMENT TENSOR (HRV)

Date Used: GDSN

L.P.B.: 40S, 98C M.W.: 29S, 45C

Centroid Location:

Origin Time 19:53:29.7 0.1

Lot 5.34S 0.01 Lon 152.68E 0.01

Dep 15.0 BDY Half-duration 2.9

Moment Tensor; Scale 10¹⁸ Nm

Mrr=1.30 0.01 Mtt=0.07 0.01

Mff=-1.38 0.01 Mrt=1.41 0.04

Mrf=0.86 0.05 Mtf=0.38 0.01

Principal Axes:

T Vol= 2.45 P1g=55 Azm=336

N -0.82 29 192

P -1.63 17 92

Best Double Couple: Mo=2.0 × 10¹⁸

NP1:Strike=146 Dip=38 Slip= 37

NP2: 25 68 122

RAB 1.14 339 iPc+ 53 46.00 2.2

LAT 5.72 256 eP 54 52.70 3.8X

MDG 6.77 270 eP 55 09.10 5.4X

PMG 6.77 232 eP 55 07.00 3.3X

eS 56 24.00

SYO 8.15 119 eP 55 25.00 1.8

HNR 8.40 120 eP+ 55 27.00 0.4

iS 57 06.00

MNDI 8.92 264 eP 55 48.00 14.0X

BKM 19.67 130 iPd 57 52.00 -2.0

OIS 19.75 218 eP 57 54.00 -0.8

0.4s 26.00nm 4.9mb X

PVC 19.76 130 iPc 57 52.90 -2.0

GUA 20.17 338 eP 58 00.20 1.0

0.8s 1026.87nm 6.2mb

GUMO 20.23 338 ePKPd f57 59.91 0.1

1.4s 1798.00nm 6.2mb

Z 23s 19.20um 5.4MszX

PJG 20.23 338 eP 58 00.40 0.6

RMQ 21.42 189 iPd 58 11.40 -0.6

0.7s 313.00nm 5.8mb

DZM 21.43 143 iPd 58 10.10 -2.2

iS 02 12.20

BRS 22.01 180 iPc+ 58 17.00 -0.9

2.0s 7.00nm 3.7mb X

i 58 20.00

i 58 30.00

eS 02 23.00

MTN 22.46 249 iPd 58 23.70 1.2

e 02 30.00

QLP 22.65 200 eP 58 26.60 2.4

WRA 22.97 229 P 58 27.70 0.3

2.0s 63.40nm 4.8mb X

ARMA 25.04 182 iPc 58 48.10 0.6

1.0s 159.00nm 5.6mb

KNA 25.59 244 eP 58 52.80 0.1

0.7s 357.00nm 6.1mb

ASPA 25.66 223 iPc 58 52.30 -1.1

0.8s 46.70nm 5.2mb

eS 03 29.90

eScs 09 55.30

CMS 26.84 193 eP 59 02.50 -1.7

0.5s 45.00nm 5.4mb

i 00 04.10

STK 28.41 200 eP 59 16.20 -2.2

0.6s 19.90nm 5.0mb

RIV 28.45 182 eP 59 20.00 1.3

eS 04 08.00

MNI 28.49 283 ePc 59 19.00 -0.3

BWA 29.27 187 eP 59 26.40 0.2

eP 59 35.40 31kmX

e 02 34.70

BIP 29.48 297 eP 59 29.00 0.8

DAV 29.61 294 eP 59 32.00 2.7

CNB 30.05 185 eP 59 35.10 1.9

1.0s 90.00nm 5.6mb

CAN 30.09 186 eP 59 32.30 -1.2

eP 59 42.40 36kmX

e 02 34.40

CGP 30.96 296 ePd 59 41.50 0.2

PLP 31.95 301 ePc 59 51.30 1.3

ADE 32.22 202 e(P) 59 50.40 -1.8

WARB 32.36 227 eP 59 52.50 -1.0

0.3s 17.00nm 5.5mb

MAP 32.41 299 eP 59 55.60 1.6

TOO 32.80 190 eP 59 56.70 -0.5

0.9s 38.00nm 5.3mb

MKS 32.96 269 iPc 00 11.50 12.6X

BFD 33.06 195 eP 59 57.70 -1.8

0.7s 36.00nm 5.4mb

FORT 34.29 219 eP 00 08.90 -1.3

0.4s 22.00nm 5.4mb

MBL 35.46 240 eP 00 18.00 -2.3

0.6s 75.00nm 5.8mb

TSM 35.94 285 ePd 00 24.00 -0.4

AFI 36.14 106 eP 00 34.00 7.8X

eS 06 16.00

eLR 09 12.00

QCP 36.96 303 eP 00 51.00 18.0X

QVP 37.02 303 eP 00 34.80 1.4

CVP 37.98 308 ePc 00 45.00 3.5X

KKM 38.00 287 ePc 00 43.00 1.1

1.5s 409.80nm 6.0mb

BCP 38.26 305 eP 00 47.00 3.1X

BAG 38.28 305 ePc+ 00 44.00 -0.3

eS 06 35.00

MEEK 38.75 233 eP 00 47.00 -1.0

MOZ 38.76 152 eP 00 48.10 0.2

QRZ 39.68 156 eP 00 54.60 -0.9

TRT 39.75 264 ePc 00 39.30 -17.1X

HBZ 39.83 147 P 00 57.20 0.4

TCW 40.72 155 P 01 03.60 -0.5

MRW 40.92 154 eP 01 06.90 1.2

CAW 40.98 154 eP 01 06.10 -0.1

PGZ 41.13 152 eP 01 08.80 1.4

e 03 08.80

MTW 41.21 153 P 01 06.40 -1.7

LTZ 41.24 158 P 01 07.40 -1.0

MOW 41.32 154 P 01 08.00 -0.9

EWZ 41.37 160 P 01 09.70 0.4

BLW 41.37 154 eP 01 08.10 -1.3

KHZ 41.42 156 eP 01 07.80 -2.0

KAGJ 41.75 332 P 01 14.20 1.7

MQZ 42.18 158 eP 01 15.60 -0.4

TATO 42.63 316 (P) 01 20.47 0.6

KAKJ 42.86 345 eP 01 22.10 0.5

KUMJ 42.90 333 eP 01 20.90 -1.1

CHJJ 43.02 344 P 01 20.70 -2.3

TSRJ 43.48 340 P 01 25.20 -1.4

MAJO 43.71 343 ePc 01 26.29 -2.2

ePd 01 32.25 20kmX

MAT 43.71 343 iPc 01 24.30 -4.2X

1.2s 75.00nm 5.4mb

Z 20s 10.99um 5.8Msz

eS 08 07.00

MTMJ 43.86 343 P 01 27.50 -2.4

RKG 43.95 224 eP 01 30.20 -0.3

SHNJ 44.12 334 P 01 28.90 -2.9

NIIJ 44.14 344 P 01 30.10 -1.9

QZH 44.65 314 eP 01 35.50 -0.8

Z 20s 14.30um 5.9Msz

N 18s 20.30um

sP 01 48.00

YAMJ 44.76 346 eP 01 35.50 -1.5

OFUJ 45.26 348 eP 01 38.80 -2.2

HKC 46.50 308 eP 01 53.70 2.7

S 08 59.00

AOMJ 46.96 347 eP 01 53.80 -0.5

SSE 46.97 322 iPc 01 53.48 -1.1

1.5s 253.00nm 6.0mb

Z 21s 14.00um 5.9Msz

N 16s 5.70um

E 14s 3.90um

ec 01 55.30

ePd 02 02.17

S 08 44.00

GZH 47.56 308 Pc 02 01.00 1.6

1.0s 200.00nm 6.1mb

Z 20s 21.80um 6.1Msz

N 16s 5.45um

E 19s 18.40um

HOOJ 48.17 351 eP 02 03.90 0.1

[illegible]

05d 20h

SVW	77.33	23	eP	05	17.54	-0.2	Z	20s	5.17um	6.0Msz	Z	17s	6.03um	6.2MszX				
	1.2s	310.57nm			6.2mb		N	18s	3.89um			ec	07	04.79				
TIK	78.31	353	iPc+	05	23.00	0.2	E	20s	3.17um		TUC	98.39	58	P				
	2.0s	340.00nm			6.0mb						Z	17s	6.03um	07				
Z	19s	3.30um			5.7Msz		ARN	89.90	53	eP	06	24.15	07	08.00				
		eS	15	17.00			PGC	89.94	41	eP	06	24.50	07	08.00				
		e	15	35.00			LBFM	90.09	49	eP	06	24.72	07	08.00				
		ePS	16	23.00			ORV	90.18	50	eP	06	24.48	07	08.00				
SPU	78.78	24	eP	05	25.22	-0.6	GMW	90.23	42	eP	06	24.68	07	08.00				
CRP	78.79	24	eP	05	22.90	-3.1X	MCW	90.35	41	eP	06	25.90	07	08.00				
SLKM	79.18	25	eP	05	26.29	-1.6	SHW	90.43	44	eP	06	26.96	07	08.00				
NDI	79.77	300	iPd	05	31.00	-0.7	LON	90.79	43	eP	06	26.44	07	08.00				
PMR	80.20	24	eP	05	31.61	-1.7	CMB	90.88	52	eP	06	24.01	07	08.00				
	1.2s	234.25nm			6.1mb			1.7s	47.56nm	5.5mb		e	07	04.00				
Z	20s	6.64um			6.0Msz		Z	19s	11.47um	6.3Msz		eS	17	42.00				
ELT	80.35	326	iPc	05	33.00	-1.2			ec	06	28.15	eSS	19	44.00				
	1.8s	266.00nm			6.0mb		CMB	90.88	52	eP	06	27.19	07	30.00				
		eS	15	38.00				1.7s	47.56nm	5.5mb	ALO	101.98	56	Pdiff				
		ePP	09	07.00			Z	19s	11.47um	6.3Msz	Z	20s	3.86um	07				
		eSS	21	00.00			SBC	91.06	56	ePc	06	27.49	07	18.82				
		e	27	15.00					ec	06	30.22	51	Pdiff					
UKR	80.38	324	iP	05	32.00	-2.4	VGB	91.37	45	eP	06	30.28	07	30.00				
IMA	80.96	19	eP	05	36.72	-0.8			eP	06	40.00	46	ePdiff					
	1.7s	452.29nm			6.2mb		ABL	91.50	55	eP	06	29.78	07	24.40				
POO	81.03	290	iPd	05	38.20	-0.4	MEMM	91.98	53	eP	06	33.49	07	27.00				
	0.9s	71.43nm			5.7mb		ISA	92.18	55	ePc	06	32.73	07	27.00				
		iS	15	52.00				1.6s	36.34nm	5.5mb		iSS	26	26.00				
PAF	81.05	221	iP	05	51.00	12.9X	Z	20s	5.23um	6.0Msz	GRS	105.86	309	iPdiff				
		ePP	09	07.00					ec	06	32.95	309	iPdiff					
		eSS	21	00.00			MTUM	92.25	53	eP	06	32.95	313	ePdiff				
		e	27	15.00			8ONR	92.51	52	eP	06	34.75	308	ePKP				
KLU	81.49	25	ePd	05	39.70	-0.5	KVN	92.75	51	eP	06	37.44	312	ePdiff				
PRZ	81.98	314	iPc	05	47.50	4.2X	PEC	93.12	56	eP	06	36.92	310	iPdiff				
BOM	82.05	290	iP	05	45.50	1.7			2.0s	94.16nm	5.9mb	MTA	106.74	312	ePdiff			
		iS	16	02.50			DPW	93.34	42	eP	06	38.95	310	iPdiff				
COL	82.40	22	ePc	05	42.68	-2.1	TNP	93.37	52	eP	06	37.89	314	iPdiff				
		ec	05	45.17				0.8s	9.63nm	5.3mb	KIV	107.92	314	ePdiff				
		eP	05	49.14	20kmX		GSC	93.51	55	eP	06	39.34	314	iPdiff				
FBA	82.40	22	eP	05	42.55	-2.2			eP	06	45.13	310	iPdiff					
BALM	82.84	26	eP	05	46.35	-0.9	PFO	93.68	57	eP	06	40.57	314	iPdiff				
KSH	83.05	311	P	05	49.00	0.2			eP	06	46.94	314	iPdiff					
	1.2s	1210.00nm			6.9mb X		MBC	94.61	14	eP	06	42.50	358	iPdiff				
Z	16s	7.14um			6.1MszX			1.0s	36.00nm	5.7mb	OBN	108.98	327	iPdiff				
N	11s	3.35um					GLA	95.01	57	eP	06	47.63	327	ePKP				
E	11s	13.60um					SVE	95.43	326	ePd	06	46.00	11	55.00				
		sP	06	06.00				2.1s	380.00nm	6.5mb		6.60um		6.2Msz				
		PP	09	03.00			Z	19s	8.50um	6.2Msz	Z	21s	3.30um					
		S	16	02.00			N	19s	2.50um		E	21s	4.50um					
AAA	83.20	315	iP+	05	52.00	2.5	E	19s	8.00um			ePP	12	26.00				
		3.80um			5.8Msz				i	10	40.00	e	13	31.00				
Z	18s	2.20um							ePPP	12	52.00	ePKS	15	18.00				
N	18s	3.50um							i	17	23.00	eSKS	18	28.00				
E	18s								iPS	19	20.00	ePS	21	42.00				
BRW	83.26	15	eP	05	49.15	0.0						ePKP	23	01.00				
FRU	84.77	314	iP	05	57.00	-0.4	MAIO	95.56	306	eP	06	48.00	ePKS	26	33.00			
	2.2s	1860.00nm			6.9mb X			0.8s	15.01nm	5.5mb		eSS	27	52.00				
Z	20s	4.50um			5.9Msz				eS	17	19.00	eSSS	31	32.00				
N	20s	3.00um					YKA	95.94	28	eP	06	51.70	LQ	40	20.00			
E	20s	3.80um						1.0s	29.00nm	5.7mb		e	12	15.00				
		i	06	12.30			ASH	96.53	307	eP	06	51.00	e	14	50.00			
		e	09	20.00			Z	18s	2.68um	5.8Msz		e	18	36.00				
		iS	16	24.00			N	18s	4.37um			e	21	54.00				
		ePS	17	12.00					e	10	48.00	TUL	110.56	54	Pdiff			
SPA	84.77	180	iPc	05	56.70	-0.4			e	17	27.00	Z	22s	6.40um	08			
	0.8s	89.58nm			6.0mb				S	18	09.00			e	12			
Z	16s	4.98um			6.0MszX				eSS	24	49.00			e	14			
SIT	84.78	31	P	06	10.00	13.0X	ARU	96.55	326	ePc	06	50.28			LR	44		
		7.22um			6.1Msz			2.0s	550.00nm	6.7mb						36.00		
AAK	84.82	314	ePc	05	58.23	0.4			8.50um	6.2Msz	KAF	110.94	336	iPdiff	07	54.80		
		ec	06	00.30			Z	20s	2.80um			1.0s	13.10nm	336	ePKP	11		
MAW	85.06	203	eP	05	58.00	-0.3	N	20s	8.00um		KAF	110.94	336	ePKP	11	56.70		
	1.0s	48.00nm			5.7mb		E	20s	7.50um			0.9s	8.10nm	316	ePKP	11		
Z	15s	6.00um			6.1MszX				ec	06	52.10	ANN	111.49	316	ePKP	11		
NRI	86.18	341	iPc+	06	01.50	-2.3			epP	06	56.49	Z	20s	2.20um	46.00	-11.7X		
	1.7s	352.00nm			6.3mb				e	07	04.00	N	20s	2.20um		5.7Msz		
Z	20s	15.00um			6.4Msz				e	10	43.00	E	20s	3.30um				
		e	06	13.00					e	12	50.00			e	12	40.00		
		ePPP	11	18.00					e	17	29.00			e	18	36.00		
		eS	16	28.00					e	18	11.00			ePS	22	10.00		
KMPM	88.29	49	eP	06	17.78	3.1X			e	19	29.00			ePPS	23	18.00		
QUE	88.84	300	eP	06	17.80	0.1			eSS	24	59.00	UYO	111.91	55	iPdiff	07	54.80	
		eS	16	52.00			HVU	96.94	49	eP	06	56.99	NUR	112.46	335	ePdiff	08	00.80
JEGM	89.18	52	eP	06	20.57	1.7	LRM	97.21	45	eP	06	54.10		0.9s	12.40nm	08	00.80	-2.6X
LGPM	89.33	49	eP	06	20.99	1.3	SES	98.10	40	eP	06	58.00	NUR	112.46	335	iPKP	12	00.30
WDC	89.51	49	ePc	06	20.12	-0.3			2.0s	337.00nm	6.6mb		0.9s	21.20nm	12	00.30	1.2	
	1.5s	40.76nm			5.5mb		KAT	98.19	309	iP-	07	03.00	MIAR	112.57	55	PKP	12	10.00
Z	20s	7.22um			6.1Msz			Z	15s	1.00um	5.4MszX	Z	20s	2.14um			9.9X	
		esPd	06	28.73				N	15s	2.90um				e	07	12.00	5.7Msz	
BRVK	89.54	323	iPc	06	18.90	-1.4			i	11	05.00	JFWS	113.33	45	ePdiff	08	02.77	
	1.6s	198.00nm			6.1mb		TUC	98.39	58	(PDIF)	07	02.47	Z	20s	5.73um		6.2Msz	
															e	12	56.00	-1.1
															ePS	22	20.00	

MNK	114.30	328	ePPS iPKP e eSS	23 40.00 11 49.00 22 24.00 28 35.00	-13.9X	PEL	123.98	136	ePKP	12 24.00	1.9			0.2s	41.50nm			
						KHC	1.5s	194.44nm					MOF	128.30	331	PKP	12 29.42	-0.6
							124.22	329	PKP	12 21.50	-0.6		SFI	128.32	324	PKP	12 29.80	2.8X
							1.4s	73.00nm					BBS	128.38	330	PKP	12 29.67	-0.5
SLM	114.39	50	PKP	12 10.00	6.4X		Z 18s	4.00um		6.1MsZ			SDI	128.40	321	PKP	12 32.02	1.7
	Z 20s		6.49um		6.2MsZ			e	12 24.30					1.6s	166.20nm			
FVM	114.40	51	PKP	12 10.00	6.4X			e	12 30.00				CRE	128.43	324	PKP	12 32.25	1.8
	Z 19s		7.46um		6.3MsZ	MOX	124.24	331	ePKPc	12 24.10	2.1X			1.0s	28.00nm			
HRI	115.24	304	ePKP	12 07.40	1.9		1.6s	94.00nm					BSF	128.47	331	ePKP	12 29.60	-0.8
ELC	115.48	51	ePKP	12 07.07	1.4		Z 19s	2.80um		5.9MsZ				1.3s	209.40nm			
NAI	115.52	266	ePKP	12 16.00	9.3X		N 19s	2.90um					RFI	128.51	320	PKP	12 33.02	2.6X
ADI	115.70	304	ePKP	12 08.20	1.9X		E 19s	3.00um						1.5s	156.70nm			
KIS	116.40	321	ePKP	12 07.00	-0.1	GEC2	124.33	328	ePKPd	12 21.50	-0.9		RTPR	128.52	136	ePKPd	12 33.30	2.5X
	Z 16s		3.40um		6.1MsZ		0.9s	29.79nm				HAU	128.57	331	ePKP	12 29.80	-0.6	
								e	12 25.00				1.3s	164.65nm				
RMN	116.67	301	ePKP	12 09.70	1.4			e	12 30.40				Z 19s	1.00um		5.5MsZ		
CSS	116.84	307	ePKP	12 09.80	1.4			e	12 32.50				VITF	128.59	332	PKP	12 29.93	-0.5
HFS	117.02	338	ePdif	08 24.90	1.2			e	12 24.00	1.3		DMU	128.71	345	ePKP	12 32.60	2.1X	
	0.5s		0.80nm			VL1	124.38	311	ePKP	12 24.00			1.3s	164.00nm				
HFS	117.02	338	ePKP	12 07.10	-0.8	PTJ	124.79	324	ePKP	12 23.40	0.1		FIR	128.75	325	ePKP	12 32.50	1.7
	0.5s		1.90nm			ZAG	124.83	324	iPKPc	12 25.70	2.5X		SOI	128.77	316	PKP	12 36.75	5.7X
NB2	117.27	340	PKP	12 07.80	-0.6	WIT	124.96	335	ePKP	12 26.50	3.3X			1.2s	26.90nm			
	1.1s		27.00nm			GRF	125.06	330	ePKPd	12 23.70	0.1		SOI	128.77	316	PKP	12 31.60	0.5
PPCY	117.65	307	ePKP	12 10.70	0.9		Z 19s	4.00um		6.1MsZ			LOMF	128.79	331	PKP	12 30.79	-0.2
SLR	117.82	237	ePKP	12 11.00	0.3			i	12 26.20			VAI	128.81	328	PKP	12 32.20	1.3	
	1.3s		38.46nm			MDZ	125.39	137	ePKP	12 39.90	15.0X		MME	128.82	325	PKP	12 32.90	1.6
	Z 18s		6.53um		6.3MsZ	VBV	125.42	324	ePKP	12 22.00	-2.4X			1.3s	71.90nm			
VR1	118.21	320	ePKPd	12 13.50	2.9X			iP'df	12 32.50				BDI	128.95	325	PKP	12 31.90	0.5
MLR	118.86	320	ePKPc	12 13.00	1.0	WTS	125.50	335	ePKP	12 26.00	1.7		RDP	129.05	322	PKP	12 33.80	2.2X
			e	42 40.00			1.2s	155.00nm				MMK	129.11	329	ePKPd	12 33.90	2.1X	
UZH	119.69	324	iPKP	12 15.30	2.0X	LJU	125.53	325	e(PKP)	12 23.50	-1.2		ATN	129.14	316	PKP	12 32.80	1.0
	1.1s		45.00nm					e	12 26.50			DLF	129.15	344	ePKP	12 33.40	2.1X	
	Z 17s		3.20um		6.0MsZ	TLL	125.54	133	ePKP	12 27.50	2.0			1.3s	164.00nm			
	E 17s		4.50um			KBA	125.59	327	iPKP	12 26.10	1.1		BOB	129.16	327	PKP	12 31.89	0.2
			i	12 21.70		RTBS	125.68	135	ePKPd	12 28.50	3.1X			1.4s	121.90nm			
			e	13 37.00		CEY	125.77	325	ePKP	12 24.50	-0.7		TCA	129.19	138	ePKP	12 34.60	2.4X
			e	19 18.00		RBL	125.85	326	PKP	12 26.80	1.4		PII	129.21	325	PKP	12 32.60	0.9
			e	23 26.00		VOY	125.90	325	e(PKP)	12 24.80	-0.7		DCN	129.31	345	ePKP	12 33.90	2.3X
OJC	120.28	327	ePKP	12 16.50	2.1X	FUR	126.01	329	iPKPd	12 27.90	2.3X			1.3s	205.00nm			
SPC	120.58	326	ePKP	12 16.20	1.0	RIY	126.02	324	ePKP	12 27.10	1.5		DIX	129.37	329	ePKPd	12 33.90	1.5
DEV	120.62	321	ePKPc	12 18.50	3.3X	TNS	126.03	332	iPKPc	12 27.50	1.9		ORX	129.38	328	PKP	12 33.65	1.5
GZR	120.92	321	ePKPd	12 15.50	-0.4	BNS	126.08	334	iPKPc	12 27.40	1.8		ORO	129.38	328	PKP	12 33.80	1.6
PRK	121.01	313	ePKP	12 17.00	0.9		Z 18s	10.80um		6.6MsZ			ETA	129.59	343	ePKP	12 47.00	14.8X
MCWV	121.79	46	PKP	12 30.00	12.4X	HRV	126.15	40	PKP	12 40.00	14.0X		EMS	129.62	329	ePKPd	12 33.50	0.8
	Z 19s		5.09um		6.2MsZ		Z 19s	4.70um		6.2MsZ			PCP	129.79	327	PKP	12 34.20	1.3
KSP	121.79	329	ePKP	12 16.70	-0.5	TRI	126.17	325	ePKP	12 27.50	1.6		LSD	129.93	329	PKP	12 35.89	2.5X
			i	12 19.80				e	14 16.00			CKI	130.01	327	PKP	12 34.80	1.5	
BUD	122.16	324	ePKP	12 19.50	1.5			e	15 28.00			PSO	130.03	93	ePKP	12 35.50	0.8	
SRO	122.40	325	ePKP	12 20.30	1.8			e	17 12.00			RSP	130.08	328	PKP	12 34.98	1.4	
			i	13 41.50				e	18 08.00			ECP	130.09	343	ePKP	12 34.00	0.9	
			e	22 02.40				eLR	25 44.00			LPL	130.10	329	ePKP	12 33.40	-0.3	
VAY	122.83	317	iPKP	12 17.70	-1.8	FV1	126.19	327	PKP	12 27.40	1.5			1.5s	89.85nm			
ZST	122.87	326	ePKP	12 16.70	-2.7X	RTCV	126.20	136	iPKPd	12 28.50	2.0X		LPG	130.11	329	ePKP	12 33.60	-0.2
			i	12 21.10		RTCB	126.23	136	iPKPd	12 29.20	2.5X			1.4s	66.65nm			
			e	21 20.20		WTTA	126.40	328	iPKPc	12 21.10	-5.5X		FIN	130.19	327	PKP	12 35.11	1.4
			e	25 09.30			1.5s	286.00nm				LOR	130.26	332	ePKP	12 33.40	-0.3	
			e	25 41.70				i	12 26.20				1.3s	122.05nm				
BRG	122.96	330	ePKP	12 19.00	-0.4			i	12 28.50			Z 19s	1.27um		5.6MsZ			
	1.4s		110.00nm			EKA	126.41	343	PKPd	12 28.10	2.0X		BHB	130.28	328	PKP	12 35.02	1.2
	Z 18s		3.50um		6.1MsZ		1.3s	82.00nm				ROB	130.32	327	PKP	12 35.34	1.4	
	N 18s		2.50um			ENN	126.77	334	ePKP	12 27.00	0.1		LBF	130.42	332	ePKP	12 33.60	-0.4
	E 18s		2.00um				1.0s	91.00nm					1.4s	105.00nm				
			i	12 21.60		CTI	127.14	327	PKP	12 29.90	2.0X		BNI	130.45	329	PKP	12 34.80	0.5
			i	12 34.50		LANF	127.19	332	PKP	12 27.72	-0.1		RRL	130.48	328	PKP	12 36.81	2.3X
CLL	123.14	331	iPKP	12 21.90	2.1X	UCC	127.42	335	PKP+	12 31.00	2.9X		IMI	130.56	327	PKP	12 36.03	1.6
	1.0s		70.00nm			WLF	127.47	333	PKP	12 29.30	1.1		SSF	130.58	332	ePKP	12 34.00	-0.3
	Z 18s		4.00um		6.1MsZ			i	12 45.00				1.5s	221.45nm				
PRU	123.20	329	ePKP	12 18.70	-1.3	OSS	127.55	328	iPKPd	12 28.50	-0.3		PZZ	130.60	328	PKP	12 36.12	1.5
	Z 18s		2.70um		5.9MsZ	SNF	127.66	335	iPKPd	12 31.20	2.6X		ENR	130.61	327	PKP	12 35.44	0.9
	N 20s		2.80um			SLE	127.69	330	ePKPd	12 27.90	-0.9		STV	130.65	327	PKP	12 35.39	0.8
	E 18s		2.30um			WLS	127.80	331	PKP	12 28.32	-0.7		SAOF	130.69	327	PKP	12 33.92	-0.7
			i	12 22.50		TDS	127.82	317	PKP	12 31.40	2.2X		SMF	130.73	332	ePKP	12 34.20	-0.4
			e	12 36.00		CDF	127.84	331	PKP	12 28.40	-0.7			1.3s	129.60nm			
			e	21 18.50		DOU	127.84	334	PKPc	12 29.50	0.6		AUTN	130.76	327	PKP	12 34.90	-0.1
RSNY	123.25	39	ePKP	12 22.09	1.8	FEL	127.85	330	PKP	12 28.56	-0.7		PGF	130.81	325	PKP	12 34.53	-0.5
	Z 19s		5.23um		6.2MsZ	ARV	127.92	323	PKP	12 29.45	0.1		SBF	130.84	327	PKP	12 34.53	-0.4
							1.3s	275.60nm				TOUF	130.84	327	PKP	12 34.79	-0.3	
SKO	123.31	318	iPKP	12 19.00	-1.5	ZLA	127.93	330	ePKPd	12 28.50	-0.8		AVF	130.85	332	ePKP	12 34.20	-0.6
	1.5s		212.00nm			ECH	128.03	331	PKP	12 28.74	-0.7			1.2s	48.20nm			
	Z 21s		3.14um		5.9MsZ	LLS	128.03	329	iPKPd	12 30.00	0.3		AURF	130.88	327	PKP	12 34.29	-0.8
			i	12 22.20		VDL	128.04	328	iPKPd	12 29.30	-0.4		LDF	130.97	336	ePKP	12 34.60	-0.3
			i	12 26.60		SGO	128.05	319	PKP	12 31.00	1.4			1.4s	143.75nm			
			i	14 05.00		MGR	128.10	318	PKP	12 31.20	1.4		MVIF	130.97	327	PKP	12 35.16	-0.2
			LR	08 00.00		GRI	128.17	317	PKP	12 32.45	2.5X		FLN	130.97	337	ePKP	12 34.60	-0.3
CEH	123.69	50	PKP	12 30.00	8.6X		1.3s	140.00nm					1.4s	223.90nm				
	Z 20s		5.22um															

20h										20h										20h									
BGF	131.26	332	ePKP	12	35.50	-0.1	BIM	145.65	72	iPKPd	13	02.32	-0.4				iSg	20	52.90										
	1.5s						SVB	145.71	74	ePKP	13	02.09	-0.7	SPC	1.44	142	ePn	20	59.00	0.0									
GRR	131.42	337	ePKP	12	35.70	-0.1	SVV	145.74	74	ePKP	13	01.73	-1.1				i(Sg)	21	19.10										
	1.4s						MVM	145.81	72	iPKPd	13	02.70	-0.2				Lg	21	22.00										
FRF	131.47	327	ePKP	12	35.60	-0.5	TPP	145.93	79	ePKP	13	03.27	0.1	KSP	1.74	288	ePn	21	03.30	0.1									
	1.2s						TRN	145.94	79	ePKP	13	02.46	-0.7		0.5s		49.00nm												
MAF	131.64	332	ePKP	12	36.30	0.0	VAO	146.03	147	ePKP	13	02.90	-0.3				iPg	21	05.80										
	1.7s									e	13	06.90					iS	21	29.00										
LMR	131.70	327	ePKP	12	36.00	-0.5				e	13	20.40		ZST	2.44	210	eP	21	20.20	7.0X									
	1.1s						TBH	146.29	79	ePKP	13	05.53	1.8				e	25	09.30										
LRG	131.70	327	ePKP	12	36.20	-0.3	PIG	146.43	78	ePKP	13	06.54	2.6X				e	25	41.70										
	1.4s						AVE	146.46	329	ePKP	13	04.00	0.5	PRU	2.83	265	ePn	21	18.50	-0.2									
Z	18s					5.8Msz				i	13	19.50					Pg	21	25.60										
TCF	131.75	333	ePKP	12	36.40	-0.2	TPR	146.49	78	ePKP	13	05.21	1.1				eSg	22	01.80										
	1.2s						BOT	146.55	78	ePKP	13	06.89	2.8X	BRG	3.21	282	iPg	21	34.00	9.9X									
LPF	131.78	336	ePKP	12	36.40	-0.1	BMA	147.76	150	ePKP	13	10.50	4.5X				iSg	22	15.00										
	1.3s									e	13	11.90		KHC	3.66	253	ePg	21	43.50	12.9X									
LSF	132.09	333	ePKP	12	36.90	-0.3				e	13	17.80					Sg	22	28.60										
	1.3s						TIO	148.20	326	iPKPd	13	10.00	3.4X	GEC2	3.70	248	Pg	21	38.10	6.9X									
RJF	132.81	332	ePKP	12	38.60	0.0				i	13	23.50					Sg	22	24.40										
	1.5s						BDF	150.96	136	ePKP	13	08.54	-2.6X				S.D. = 0.2	on	5 of	9 obs.									
Z	18s					5.7Msz				ePKPob13	18.89					% NOV 05, 1992 20h 26m 37.81± 0.75s													
CAF	132.84	332	ePKP	12	38.90	0.2	ANTZ	151.52	326	iPKPd	13	14.00	2.5X				46.818 N ± 7.3km		1.778 E ± 5.2km										
	1.6s									i	13	18.00					DEPTH = 10.0km (geophysicist)												
LPO	133.43	332	ePKP	12	40.10	0.3	CFTV	153.72	333	iPKPd	13	18.20	3.5X				FRANCE			(538)									
	0.9s						TBT	155.02	340	iPKPd	13	29.00	12.6X				ML 1.9 (LDG).												
LFF	133.45	333	ePKP	12	40.00	0.2	CHIE	155.91	339	iPKPd	13																		

05d 20h

VAY 2.77 311 iSn 42 28.00 7.3X
 42 03.60
 42 42.40
 42 46.40
 KZN 2.86 286 iPnc 41 57.50 -0.2
 CIN 2.89 131 ePn 41 57.00 -1.0
 DMK 2.91 38 ePn 41 57.60 -0.8
 ITU 3.20 60 ePn 42 13.00 10.6X
 42 53.00
 iSg
 ISK 3.21 61 ePn 42 02.00 -0.6
 GBZT 3.37 67 ePn 42 14.00 9.2X
 VLI 3.41 215 ePn 42 05.90 0.5
 HRT 3.54 68 ePn 42 07.40 0.1
 ALT 3.72 96 ePn 42 10.00 0.0
 SKO 3.84 310 ePn 42 12.00 0.5
 GPA 3.88 77 ePn 42 13.00 0.9
 BCK 4.60 115 ePn 42 23.30 0.9
 VRI 6.40 9 ePc 42 49.00 1.3

S.D. = 0.8 on 28 of 31 obs.

? NOV 05, 1992 20h 46m 54.70±4.60s
 45.152 S ±10.6km 166.201 E ±37.7km
 DEPTH = 33.0km (normol)
 OFF W. COAST OF S. ISLAND, N.Z. (161)
 ML 3.7 (WEL).

BCZ 1.43 127 P 47 18.90 0.3
 47 31.90
 TLC 2.03 92 P 47 27.20 -0.2
 MMCZ 2.08 87 P 47 28.10 0.0
 CMCZ 2.18 91 P 47 29.50 0.1
 47 49.50
 S
 MHZ 2.18 89 P 47 29.70 0.2
 SBCZ 2.20 90 P 47 29.90 0.2
 LRCZ 2.23 89 P 47 30.40 0.2
 LSCZ 2.24 90 P 47 30.50 0.2
 TUZ 2.54 110 P 47 34.20 -0.3
 47 58.10
 eS
 LMZ 2.62 58 eP 47 36.90 1.3
 BWZ 2.69 78 P 47 36.70 0.1
 ODZ 3.15 90 P 47 41.80 -1.3
 48 11.90
 eS
 ORZ 6.34 49 eP 48 27.30 -1.0

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

* NOV 05, 1992 21h 03m 49.60±1.34s
 5.237 S ±7.8km 152.644 E ±13.7km
 DEPTH = 56.8 ±11.4 km
 4.0mb (2 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.14 335 iPc+ 04 09.50 -0.1
 PMG 6.84 232 eP 05 30.00 0.4
 06 46.00
 eS
 DZM 21.41 143 iPc 08 34.40 -0.4
 RMQ 21.46 190 eP 08 36.30 1.1
 WBZ 23.03 229 iPd 08 49.50 -1.3
 0.8s 4.70nm 4.0mb
 ASPA 25.73 223 iPd 09 16.30 -0.3
 1.4s 6.10nm 3.9mb
 GUN 72.21 301 P 15 11.00 -0.4
 PKI 72.52 301 P 15 13.80 0.6
 KKN 72.69 301 P 15 14.20 0.1
 DMN 72.79 301 P 15 15.00 0.3
 GKN 73.30 301 P 15 17.50 0.0
 GEC2 124.34 328 ePKP 22 48.80 4.8X
 1.0s 0.95nm
 S.D. = 0.7 on 11 of 12 obs.

* NOV 05, 1992 21h 24m 01.09±1.53s
 31.702 S ±7.5km 71.928 W ±13.7km
 DEPTH = 20.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.1 (SAN).

IHA 1.34 170 eP 24 25.50 0.8
 24 44.60
 ROCH 1.49 149 iPd 24 26.35 -0.7
 24 46.68
 iS
 JACH 1.50 131 iP 24 26.26 -0.8
 PEL 1.78 144 iPd 24 31.00 -0.1
 LCCH 1.79 170 iP+ 24 31.55 0.3
 TLL 1.81 33 iPd 24 31.50 -0.2
 24 54.00
 iS
 SAN 2.05 149 (P) 24 35.70 0.7
 25 01.58
 iS
 RTBS 2.11 90 iPd 24 37.00 1.2

TACH 2.12 157 iP 24 36.24 0.2
 FCH 2.13 140 iP 24 36.31 -0.2
 PCH 2.25 148 iP 24 37.94 -0.1
 25 07.07
 iS
 LNV 2.29 169 (P) 24 37.77 -0.6
 CHCH 2.47 155 iP 24 41.23 0.2
 RTCB 2.68 86 iPc 24 45.00 0.9
 MDZ 2.86 115 eP 25 08.70 22.1X
 25 41.70
 iS
 RTCV 2.89 94 ePc 24 48.20 1.2
 (S) 25 19.90
 RTLL 2.98 84 ePc 24 49.00 0.8
 S 25 27.50
 CFA 3.15 89 eP 24 51.00 0.4
 S 25 30.70
 RFA 4.22 137 ePd 25 05.60 -0.3
 RTPR 4.86 75 e(P) 25 13.30 -1.5
 MRA 5.33 99 e(P) 25 19.30 -2.2
 TCA 6.28 89 eP 25 31.20 -3.8X
 26 43.00
 (S)

S.D. = 0.9 on 20 of 22 obs.

* NOV 05, 1992 22h 04m 14.96±1.27s
 37.118 S ±11.6km 177.589 E ±12.4km
 DEPTH = 140.0km (geophysicist)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.74 130 P 04 36.90 0.0
 04 53.40
 S
 URZ 1.20 198 P 04 41.60 0.7
 05 02.20
 S
 NOZ 1.54 167 P 04 45.20 0.7
 KUZ 1.54 283 P 04 44.10 -0.4
 05 06.10
 eS
 WLZ 1.75 244 P 04 48.20 1.2
 PAHZ 1.79 194 eP 04 48.00 0.6
 WHH 1.96 206 eP 04 49.80 0.3
 MOH 2.04 190 eP 04 50.60 0.2
 MAHZ 2.08 174 eP 04 50.80 -0.1
 MOZ 2.61 237 eP 04 59.00 1.6
 WAHZ 2.75 200 eP 04 58.70 -0.7
 WCZ 2.87 293 P 04 59.90 -0.9
 PGZ 3.64 196 eP 05 09.70 -1.2
 MNG 3.86 205 eP 05 11.80 -2.1
 05 55.40
 eS

S.D. = 1.1 on 14 of 14 obs.

NOV 05, 1992 22h 25m 07.69±0.81s
 5.264 S ±3.2km 152.569 E ±4.2km
 DEPTH = 39.1 ±6.9 km
 5.4mb (46 obs.) 4.7Msz (5 obs.)
 NEW BRITAIN REGION, P.N.G. (192)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 22S, 27C
 Centroid Location:
 Origin Time 22:25:10.9 1.1
 Lat 4.92S 0.15 Lon 152.26E 0.11
 Dep 15.0 FIX Half-duration 1.2
 Moment Tensor: Scale 10**17 Nm
 Mrr=0.52 0.07 Mtt=0.12 0.07
 Mff=-0.64 0.07 Mrt=0.91 0.14
 Mrf=1.12 0.22 Mtf=0.25 0.08
 Principal Axes:
 T Vol= 1.72 Plg=50 Azm=320
 N -0.35 18 208
 P -1.35 35 105
 Best Double Couple:Mo=1.5*10**17
 NP1:Strike=143 Dip=19 Slip= 24
 NP2: 31 82 108

RAB 1.14 339 iPc+ 25 29.00 1.6
 PMG 6.76 232 eP 26 49.00 1.9
 28 09.00
 eS
 HNR 8.41 120 eP 27 11.00 1.0
 28 30.00
 eS
 BKM 19.67 130 iPc 29 35.00 -1.6
 QIS 19.74 218 iPc 29 36.90 -0.4
 0.4s 4.00nm 4.1mb X
 PVC 19.77 130 iPc 29 36.20 -1.3
 GUA 20.17 338 eP 29 42.80 1.0
 1.2s 537.50nm 5.8mb
 GUMO 20.23 338 eP 29 42.80 0.4
 1.5s 553.10nm 5.7mb
 PJG 20.23 338 eP 29 43.10 0.7
 RMQ 21.42 189 iPd 29 54.50 0.0
 1.0s 98.00nm 5.2mb

DZM 21.44 143 iPd 29 53.90 -0.9
 BRS 22.01 180 iPc 30 00.20 -0.2
 1.0s 12.00nm 4.3mb X
 i
 30 07.70
 eS
 34 07.00
 MTN 22.46 249 eP 30 05.00 0.1
 0.5s 80.00nm 5.4mb
 QLP 22.65 200 iPc 30 09.00 2.3
 0.5s 41.00nm 5.1mb
 WBZ 22.96 229 iPd 30 10.20 0.4
 0.8s 53.50nm 5.1mb
 eS
 ARMA 25.04 182 eP 30 30.50 0.5
 1.2s 45.00nm 4.9mb
 KNA 25.59 244 eP 30 35.00 -0.1
 ASPA 25.66 223 iPc 30 35.80 0.0
 1.1s 31.20nm 4.8mb
 eS
 STK 28.41 200 eP 30 59.70 -1.0
 0.9s 5.40nm 4.2mb X
 CGP 30.96 296 eP 31 23.00 -0.7
 ADE 32.22 202 e(P) 31 33.40 -1.1
 WARB 32.35 227 eP 31 35.30 -0.5
 BFD 33.06 195 eP 31 41.10 -0.7
 1.0s 14.00nm 4.8mb
 MBL 35.45 240 eP 32 00.70 -1.9
 BAG 38.27 305 eP 32 27.00 0.4
 MEEK 38.74 233 eP 32 30.00 -0.2
 0.7s 27.00nm 5.2mb
 NANU 39.69 241 eP 32 38.00 -0.1
 TCW 40.72 155 eP 32 46.60 0.2
 MTW 41.21 153 eP 32 49.70 -0.7
 MOW 41.32 154 eP 32 50.00 -1.3
 BLW 41.37 154 eP 32 51.00 -0.7
 MAT 43.71 343 eP 33 08.00 -2.8
 RKG 43.94 224 eP 33 12.00 -0.8
 SSE 46.96 322 P 33 36.50 -0.3
 1.2s 19.00nm 4.9mb
 Z 20s 0.90um 4.7Msz
 NJ2 49.06 321 Pd 33 52.00 -1.1
 WHN 51.03 317 P 34 08.50 0.3
 1.2s 26.00nm 5.1mb
 IPM 52.40 280 ePd 34 18.00 -0.9
 1.0s 27.70nm 5.2mb
 MDJ 53.77 340 eP 34 27.50 -1.0
 1.6s 56.00nm 5.3mb
 GYA 54.49 308 iPd 34 34.60 0.3
 1.0s 19.00nm 5.1mb
 Z 22s 0.63um 4.6Msz
 CN2 54.63 336 eP 34 33.20 -1.6
 1.0s 8.90nm 4.7mb
 Z 20s 0.97um 4.9Msz
 NST 55.92 293 eP 34 48.00 3.4X
 BJI 56.15 327 eP 34 45.00 -0.8
 1.8s 57.00nm 5.3mb
 Z 20s 0.60um 4.7Msz
 XAN 56.80 317 Pc 34 49.50 -1.2
 1.0s 32.00nm 5.3mb
 pP 34 55.50 20kmX
 sP 35 00.50
 KMI 57.05 304 Pc 34 53.50 0.6
 1.5s 70.00nm 5.5mb
 pP 34 59.00 18kmX
 BDT 57.43 294 eP 34 54.20 -1.1
 CHG 57.98 296 iPc 34 59.20 0.0
 1.4s 84.30nm 5.6mb
 CD2 58.86 311 iPc 35 04.50 -0.7
 HHC 59.29 325 eP 35 07.30 -0.8
 1.4s 62.00nm 5.5mb
 BTO 60.03 324 P 35 13.00 -0.2
 LZH 61.40 316 Pc 35 22.50 -0.2
 1.5s 110.00nm 5.8mb
 ADK 62.68 21 eP 35 29.35 -1.3
 GTA 65.84 317 iPc 35 52.00 0.3
 1.0s 38.00nm 5.4mb
 pP 35 59.00 22kmX
 CIT 65.98 335 eP 35 52.50 0.2
 LSA 68.31 305 iPd 36 08.90 1.0
 1.4s 36.00nm 5.2mb
 ZAK 69.77 329 iPc 36 16.00 0.2
 1.5s 58.00nm 5.4mb
 BOD 70.10 339 eP 36 16.90 -0.9
 1.5s 27.00nm 5.0mb
 MOY 71.71 329 eP 36 27.30 -0.3
 GUN 72.16 301 P 36 30.58 -0.7
 1.1s 147.00nm 5.9mb
 PKI 72.47 301 P 36 32.28 -0.8

05d 22h

KKN	1.2s	89.00nm	5.6mb	SNF	127.66	335	PKPc	44	12.00	1.5
	72.64	301 P	36 33.12 -0.8	CDF	127.84	331	ePKP	44	10.80	-0.3
	1.1s	106.00nm	5.7mb		1.2s	12.50nm				
DMN	72.74	301 P	36 34.26 -0.3	DOU	127.84	334	PKP	44	12.20	1.3
	1.1s	222.00nm	6.0mb	FEL	127.85	330	PKP	44	11.13	0.0
GKN	73.25	301 P	36 36.82 -0.6	VDL	128.03	328	ePKPd	44	12.10	0.4
	1.1s	185.00nm	6.0mb	BSF	128.47	331	ePKP	44	12.30	0.0
WMO	75.93	317 P	36 52.60 0.2		1.3s	50.90nm				
	2.0s	45.00nm	5.1mb	HAU	128.56	331	ePKP	44	12.60	0.2
HYB	76.43	289 eP	36 55.00 -0.6		1.4s	34.85nm				
GBA	76.87	285 P	36 58.00 -0.1	TMA	128.60	328	ePKPd	44	13.10	0.4
SVW	77.33	23 eP	37 00.24 0.4	LOMF	128.79	331	PKP	44	13.29	0.4
	1.0s	55.64nm	5.5mb	LPL	130.10	329	ePKP	44	16.00	0.4
TTA	78.28	21 ePc	37 05.29 0.2		1.2s	8.95nm				
	1.0s	25.90nm	5.2mb	LPG	130.11	329	ePKP	44	16.30	0.6
TIK	78.31	353 iPc	37 03.50 -1.4		1.4s	11.75nm				
	1.5s	36.00nm	5.2mb	LOR	130.26	332	ePKP	44	16.00	0.4
SPU	78.79	24 (P)	37 07.49 -0.4		1.3s	28.15nm				
CRP	78.79	24 eP	37 06.56 -1.5	LBF	130.42	332	ePKP	44	16.10	0.1
SLKM	79.18	25 ePc	37 09.28 -0.7		1.3s	14.10nm				
NDI	79.76	300 iPc	37 13.80 0.0	SSF	130.58	332	ePKP	44	16.70	0.5
PMR	80.20	24 ePc	37 14.60 -0.8		1.3s	33.95nm				
	1.3s	109.65nm	5.7mb	SMF	130.73	332	ePKP	44	16.90	0.4
ELT	80.35	326 iPc	37 16.00 -0.3		1.2s	27.35nm				
	1.4s	86.00nm	5.5mb	SURF	130.76	328	PKP	44	17.72	0.8
POO	81.02	290 iP	37 18.50 -2.1	PGF	130.81	325	ePKP	44	17.00	0.1
KLU	81.49	25 eP	37 22.31 0.0		1.3s	32.15nm				
FBA	82.40	22 iPc	37 25.54 -1.3	SBF	130.84	327	ePKP	44	16.90	0.0
	1.0s	54.12nm	5.6mb		1.4s	32.65nm				
KSH	83.04	311 P	37 33.20 2.3	LDF	130.97	336	ePKP	44	17.20	0.3
	1.1s	150.00nm	6.0mb		1.3s	19.85nm				
	sP		37 47.00	FLN	130.97	337	ePKP	44	17.30	0.4
FRU	84.77	314 iP	37 41.00 1.6		1.2s	27.05nm				
	2.0s	220.00nm	6.0mb	BGF	131.26	332	ePKP	44	18.10	0.6
	e		37 53.80		1.3s	31.75nm				
SPA	84.77	180 iPc	37 39.90 0.8	GRR	131.42	337	ePKP	44	18.20	0.5
	1.0s	12.00nm	5.0mb		1.3s	24.90nm				
MAW	85.06	203 eP	37 40.00 -0.3	FRF	131.47	327	ePKP	44	18.30	0.3
	1.0s	20.00nm	5.2mb		1.5s	28.75nm				
NRI	86.18	341 iPc	37 44.00 -1.8	LMR	131.69	327	ePKP	44	18.80	0.4
	1.6s	56.00nm	5.5mb		1.3s	15.90nm				
QUE	88.84	300 eP	38 00.80 1.1	LRG	131.69	327	ePKP	44	18.90	0.5
	eS		48 37.70		1.3s	22.00nm				
BRVK	89.54	323 iPc	38 01.80 -0.5	TCF	131.75	333	ePKP	44	19.10	0.6
	1.5s	45.00nm	5.6mb		1.2s	35.40nm				
MBC	94.62	14 eP	38 25.50 0.2	LPF	131.78	336	ePKP	44	19.00	0.6
	1.4s	29.00nm	5.5mb		1.3s	59.95nm				
SVE	95.43	326 ePd	38 29.00 -0.3	LSF	132.09	333	ePKP	44	19.50	0.4
MAIO	95.56	306 iPc	38 30.20 -0.3		1.3s	20.20nm				
YKA	95.94	28 eP	38 31.70 0.2	BCAO	134.20	271	iPKPd	44	24.30	0.2
	1.1s	9.70nm	5.2mb		1.2s	14.00nm				
SES	98.10	40 eP	38 42.00 0.4		id			44	30.00	
APO	116.66	339 ePKP	43 48.20 -0.9		ic			46	51.00	
	0.5s	1.50nm		LPB	134.33	119	PKP	44	20.00	-4.7X
SPC	120.58	326 ePKP	43 57.70 0.5	SDV	136.99	83	ePKP	44	27.40	-2.2X
SRO	122.39	325 i(PKP)	44 01.10 0.7	IFR	145.07	326	iPKPc	44	44.00	0.6
ZST	122.87	326 ePKP	44 01.50 0.2	SVV	145.75	74	ePKP	44	44.67	-0.1
BRG	122.95	330 iPKP	44 02.20 0.8	TPP	145.94	79	ePKP	44	46.82	1.7
	1.2s	15.00nm		TBH	146.30	79	ePKP	44	48.16	2.5X
CLL	123.14	331 iPKPc	44 01.60 -0.1	AVE	146.45	329	ePKP	44	47.00	1.5
	1.2s	16.00nm			i			45	36.00	
PRU	123.20	329 ePKP	44 02.00 0.1	TPR	146.50	78	ePKP	44	47.88	1.9
SKO	123.31	318 iPKP	44 01.50 -0.9	TIO	148.20	326	iPKPd	44	53.50	5.0X
	1.3s	38.00nm		ANTZ	151.52	326	iPKPd	45	00.00	6.5X
KHC	124.22	329 PKPd	44 05.00 1.0		i			45	01.00	
	1.0s	7.00nm			i			45	08.00	
	e		44 12.00	PDCR	158.84	147	(PKP)	45	04.00	0.6
MOX	124.24	331 ePKP	44 04.70 0.7		S.D. = 0.9	on 143 of 149 obs.				
	1.5s	14.00nm								
GEC2	124.33	328 ePKPd	44 04.60 0.3							
	1.0s	7.72nm		? NOV 05, 1992 22h 29m 36.88±7.35s						
	e		44 08.30	14.726 N ±24.8km 60.196 W ±61.6km						
	e		44 11.90	DEPTH = 33.0km (normal)						
	e		44 18.90	WINDWARD ISLANDS (95)						
	e		44 26.70	ML 3.0 (FDF).						
GRF	125.06	330 ePKP	44 06.20 0.7							
	1.9s	0.10um	4.5msz	MVM	0.70	256	iPc	29	50.22	-0.1
VBY	125.42	324 ePKP	44 07.30 0.9		S			29	59.90	
LJU	125.53	325 ePKP	44 06.50 -0.1	BIM	0.87	256	iPc	29	52.29	-0.5
CEY	125.77	325 ePKP	44 06.50 -0.6		S			30	02.90	
VOY	125.90	325 e(PKP)	44 07.00 -0.5	FDF	0.92	271	iPc	29	52.99	-0.5
WTTA	126.39	328 iPKPd	44 08.80 0.3		S			30	04.70	
	1.2s	34.20nm		MGG	1.60	318	eP	30	02.85	-0.4
	i		44 16.50	DEG	1.78	332	eP	30	05.50	-0.4
LANF	127.19	332 PKP	44 09.39 -0.3	DOG	1.89	314	eP	30	07.19	-0.3
WLF	127.47	333 PKP	44 12.00 1.9	PAG	1.93	312	eP	30	07.89	-0.2
OSS	127.55	328 ePKPd	44 11.40 0.7		S			30	30.50	
					S.D. = 0.2	on 7 of 7 obs.				

NOV 05, 1992 22h 35m 49.63±0.74s
 36.455 N ± 6.0km 140.710 E ± 7.7km
 DEPTH = 68.2 ± 4.7 km
 4.4mb (8 obs.)
 NEAR EAST COAST OF HONSHU, JAPAN(228)

KAKJ	0.50	240	iPd	36	01.50	-0.9
	S			36	08.80	
CHJJ	1.44	254	iPd	36	13.50	-0.7
	S			36	30.00	
NIJJ	1.58	300	iPd	36	15.90	-0.1
	S			36	34.80	
YAMJ	1.80	343	P	36	19.50	0.5
MAT	2.02	273	iPd	36	21.50	-0.6
	iS			36	36.50	
MTMJ	2.34	274	iPd	36	27.10	0.4
IIDJ	2.47	248	eP	36	29.50	1.1
	eS			37	03.30	
OFUJ	2.73	16	eP	36	31.60	-0.4
TSRJ	3.94	258	P	36	49.70	0.7
WKYJ	4.74	243	P	37	00.50	0.2
TKSJ	5.98	248	eP	37	18.50	0.9
YONJ	6.02	260	eP	37	18.00	-0.2
GUN	46.65	276	P	44	13.50	0.0
KKN	47.18	276	P	44	16.82	-0.7
DMN	47.40	276	P	44	18.92	-0.4
GKN	47.61	277	P	44	20.32	-0.5
	0.8s	42.00nm			5.4mb	
WB2	56.41	187	iPc	45	26.20	-0.2
	0.5s	4.20nm			4.8mb	
WRA	56.41	187	P	45	26.50	0.1
	0.7s	1.50nm			4.2mb	
MBC	57.24	16	eP	45	33.00	1.3
HYB	57.62	268	eP	45	34.50	-0.7
GBA	60.61	265	P	45	56.00	0.3
KAF	68.56	333	iP	46	46.20	-0.5
	0.5s	3.70nm			4.6mb	
NUR	70.19	332	iP	46	56.20	-0.4
	0.3s	1.70nm			4.5mb	
HFS	74.38	335	eP	47	20.70	-0.7
	0.4s	0.60nm			3.9mb	
NB2	74.50	337	P	47	22.40	0.2
	0.8s	6.00nm			4.6mb	
CLL	81.31	330	i(P)	48	00.40	0.8
GEC2	82.90	328	eP	48	08.50	0.4
	0.5s	0.90nm			4.0mb	
	e			48	23.20	
LPB	147.66	60	ePKP	55	31.00	5.1X
	S.D. = 0.7	on 27 of 28 obs.				

% NOV 05, 1992 23h 07m 57.34±5.75s
 42.671 N ± 6.6km 18.132 E ±42.2km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.9 (TTG).

HCY	0.35	129	iPg	08	04.37	-0.2
	iSg			08	09.57	
BRY	0.38	53	iPg	08	04.79	-0.4
	iSg			08	10.49	
BDV	0.64	127	iPg	08	09.75	-0.5
	iSg			08	19.32	
NKY	0.65	77	iPg	08	09.88	-0.6
	iSg			08	18.83	
TTG	0.87	106	iPg	08	13.93	-0.1
	iSg			08	26.63	
ULC	1.09	130	iPg	08	17.99	0.2
	iSg			08	34.00	
PLE	1.14	54	iPg	08	18.83	0.1
	iSg			08	35.30	
IVA	1.32	81	iPg	08	22.08	0.4
	iSg			08	41.25	
PVY	1.36	93	iPg	08	22.89	0.4
	iSg			08	42.88	
	S.D. = 0.4	on 9 of 9 obs.				

* NOV 05, 1992 23h 19m 30.92±3.60s
 31.788 S ±18.9km 71.909 W ±27.8km
 DEPTH = 30.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.8 (SAN).

ROCH	1.40	147	iP	19	54.55	-0.3
			iS	20	13.69	
JACH	1.43	129	iP	19	54.81	-0.3
			iS	20	14.33	

PEL 1.70 143 iP+ 19 59.14 0.1
 LCC 1.71 170 iP+ 19 59.27 0.2
 TACH 2.03 157 iP 20 04.13 0.3
 FCH 2.06 139 iP 20 04.27 -0.1
 RTBS 2.10 87 iPc 20 05.10 0.5
 LNV 2.20 169 iP 20 05.69 -0.4
 CHCH 2.39 154 iP 20 09.08 0.2
 RTCB 2.67 84 iPd 20 13.00 0.1
 RTCV 2.87 92 ePd 20 16.60 0.9
 CFA 3.13 88 e(P) 20 19.50 0.1
 TCA 6.26 88 eP 21 02.30 -1.5
 S.D. = 0.6 on 13 of 13 obs.

% NOV 05, 1992 23h 31m 32.19 ± 0.79s
 44.570 N ± 4.7km 7.003 E ± 16.6km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.9 (LDG).

SBF 0.77 156 Pg 31 47.40 0.1
 LPG 0.95 349 Pg 31 50.30 -0.1
 LPL 0.97 349 Pg 31 50.80 0.1
 FRF 1.04 194 Pg 31 51.30 -0.5
 LRG 1.21 203 Pg 31 55.20 0.5
 LMR 1.29 196 Pg 31 55.90 -0.1
 S.D. = 0.5 on 6 of 6 obs.

NOV 06, 1992 00h 27m 50.62 ± 1.24s
 5.531 S ± 6.3km 152.665 E ± 8.4km
 DEPTH = 51.1 ± 11.4 km
 4.6mb (8 obs.) 4.2Msz (1 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.42 339 iPc+ 28 13.70 -0.7
 PMG 6.68 234 eP 29 30.00 1.4
 HNR 8.19 119 P 30 30.00 40.3X
 BKM 19.43 130 iPc 32 15.00 -0.9
 QIS 19.60 219 iPd 32 16.70 -0.9
 DZM 21.17 142 iPc 32 34.90 1.0
 RMQ 21.17 190 iPd 32 34.80 0.9
 OLP 22.43 200 eP 32 46.70 0.3
 MTN 22.45 250 eP 32 48.30 1.6
 WB2 22.86 230 iPd 32 49.90 -0.8
 WRA 22.87 230 P 32 51.50 0.8
 ASPA 25.53 223 iPd 33 16.10 -0.2
 Z 18s 0.70um 4.2Msz
 KNA 25.56 245 eP 33 16.30 -0.3
 STK 28.19 200 iPc 33 39.10 -1.4
 WARB 32.25 228 eP 34 16.00 -0.6
 MBL 35.41 241 eP 34 42.00 -1.9
 GUN 72.38 301 P 39 13.82 -0.3
 PKI 72.69 301 P 39 16.50 0.6
 KKN 72.86 301 P 39 17.06 0.3
 DMN 72.96 301 P 39 17.90 0.5
 GKN 73.47 301 P 39 19.52 -0.7
 SLKM 79.38 25 eP 39 51.86 -0.7
 IMA 81.19 19 eP 40 03.40 1.2
 FBA 82.61 22 eP 40 09.69 0.3
 GEC2 124.60 328 ePKPc 46 46.70 0.5
 0.8s 1.36nm
 46 49.80
 46 51.60
 46 56.40
 47 00.00
 LPB 134.11 119 PKP 47 09.00 3.3X
 IFR 145.34 326 iPKP 47 31.50 6.3X
 AVE 146.73 329 ePKP 47 30.00 2.7X
 ANTZ 151.80 326 iPKPc 47 42.00 6.7X

S.D. = 1.0 on 24 of 29 obs.
 & NOV 06, 1992 01h 09m 24.37s
 34.401 N 116.464 W
 DEPTH = 3.8km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PEC 0.77 229 eP 09 38.28 -1.5
 GSC 0.94 343 eP 09 41.96 -1.0
 SSK 1.03 260 eP 09 43.36 -1.3
 PLM 1.10 198 eP 09 44.36 -1.3
 GLA 1.92 134 ePn 09 55.25 -2.9
 ISA 2.07 308 ePn 09 57.69 -2.8
 ABL 2.32 282 ePn 10 01.48 -2.7
 7 obs. associated

* NOV 06, 1992 01h 13m 51.22 ± 0.59s
 4.798 S ± 11.1km 152.221 E ± 10.8km
 DEPTH = 33.0km (normal)
 4.2mb (5 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

PMG 6.80 227 eP 15 32.00 0.8
 BKM 20.24 130 iPc 18 25.80 -0.7
 DZM 22.01 143 iPc 18 45.70 1.0
 WB2 23.01 228 eP 18 54.10 -0.3
 WRA 23.02 228 P 18 55.00 0.5
 ASPA 25.77 222 eP 19 19.40 -1.5
 SLKM 78.91 25 eP 25 52.64 -0.1
 IMA 80.65 20 eP 26 02.78 0.6
 FBA 82.10 22 eP 26 08.98 -0.6
 GEC2 123.75 328 ePKP 32 47.90 0.4
 0.8s 0.61nm
 32 52.90
 32 55.30
 S.D. = 0.9 on 10 of 10 obs.

NOV 06, 1992 01h 19m 07.52 ± 0.26s
 5.256 S ± 5.8km 152.641 E ± 7.3km
 DEPTH = 33.0km (normal)
 5.0mb (12 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

PMG 6.82 233 eP 20 50.00 2.1
 SVO 8.10 119 P 21 20.00 14.2X
 HNR 8.35 120 eP 21 16.00 6.7X
 BKM 19.62 130 iPc 23 35.10 -1.3
 QIS 19.79 219 eP 23 36.70 -1.5
 DZM 21.40 143 iPc 23 55.20 0.4
 RMQ 21.44 190 eP 23 54.00 -1.1
 BRS 22.01 180 eP 24 02.00 1.1
 MTN 22.53 249 eP 24 07.00 1.0
 WB2 23.02 229 iPc 24 11.20 0.4
 WRA 23.03 229 P 24 11.89 1.0
 ASPA 25.71 223 iPc 24 35.60 -1.1
 Z 20s 9.80nm 4.4mb
 0.20um 3.6Msz
 STK 28.44 200 eP 24 59.40 -2.1
 CHG 58.04 296 eP 29 00.00 -0.1
 LZH 61.44 316 Pc 29 22.80 -0.7
 GUN 72.22 301 P 30 31.10 -1.1
 PKI 72.53 301 P 30 32.92 -1.1
 KKN 72.70 301 P 30 33.66 -1.2
 DMN 72.80 301 P 30 34.54 -0.9
 0.9s 62.00nm 5.6mb

GKN 73.30 301 P 30 37.08 -1.2
 ANM 76.26 17 (P) 30 54.21 -0.1
 SVW 77.29 23 eP 31 01.80 1.6
 TTA 78.25 21 eP 31 04.36 -1.1
 NDI 79.82 300 eP 31 14.00 -0.6
 IMA 80.94 19 eP 31 19.62 -0.3
 KLU 81.46 25 eP 31 22.94 0.3
 FBA 82.36 22 eP 31 25.24 -2.0
 BALM 82.80 26 (P) 31 30.11 0.4
 MAIO 95.61 306 eP 32 31.00 -0.3
 KAF 110.96 336 ePdiff 33 53.00 14.5X
 HFS 117.04 338 ePdiff 34 21.90 15.5X
 KHC 124.25 329 ePKP 38 04.50 -0.2
 GEC2 124.36 328 ePKPd 38 04.80 -0.2
 GRF 125.08 330 ePKP 38 06.70 0.5
 CDF 127.86 331 ePKP 38 11.60 -0.1
 BSF 128.50 331 ePKP 38 13.00 0.0
 HAU 128.59 332 ePKP 38 13.30 0.3
 LPL 130.13 329 ePKP 38 16.40 0.1
 LPG 130.14 329 ePKP 38 16.50 0.1
 LOR 130.29 332 ePKP 38 17.00 0.7
 SSF 130.60 332 ePKP 38 17.70 0.9
 SMF 130.75 332 ePKP 38 17.90 0.7
 SBF 130.87 327 ePKP 38 17.60 0.0
 LDF 130.99 336 ePKP 38 18.30 0.8
 FLN 130.99 337 ePKP 38 18.20 0.7
 GRR 131.44 337 ePKP 38 19.10 0.7
 FRF 131.50 327 ePKP 38 19.00 0.3
 LMR 131.73 327 ePKP 38 19.60 0.5
 LRG 131.73 327 ePKP 38 19.80 0.7
 TCF 131.77 333 ePKP 38 20.00 0.9
 LPF 131.80 336 ePKP 38 19.50 0.4
 MFF 132.57 335 ePKP 38 21.40 0.8
 LPB 134.27 119 ePKP 38 23.00 -2.2X
 IFR 145.10 326 ePKP 38 49.50 5.5X
 AVE 146.48 329 ePKP 38 47.00 0.9
 ANTZ 151.56 326 iPKP 39 01.00 6.9X
 S.D. = 0.9 on 49 of 56 obs.

? NOV 06, 1992 01h 21m 50.21 ± 3.63s
 21.761 N ± 10.2km 143.670 E ± 32.7km
 DEPTH = 165.9 ± 39.2 km
 4.5mb (10 obs.)
 MARIANA ISLANDS REGION (215)

KAKJ 14.71 349 P 25 13.90 2.5
 CHJJ 14.81 345 P 25 13.70 1.1
 TSRJ 15.28 336 P 25 18.90 0.4
 MAT 15.48 343 eP 25 20.00 -0.9
 MTMJ 15.63 342 P 25 21.50 -1.4
 NIJJ 15.95 346 P 25 25.40 -1.3
 YAMJ 16.65 350 eP 25 36.40 1.0
 OFUJ 17.35 355 P 25 43.20 -0.5
 RAB 27.10 161 iPd 27 18.00 -1.5
 WRA 42.44 193 P 29 31.50 1.2
 ASPA 46.14 192 eP 29 59.20 -0.6
 0.3s 5.20nm 4.6mb

06d 01h

WARB 50.44 200 eP 30 33.00 0.1
SVW 57.11 30 eP 31 21.70 0.5
0.7s 15.12nm 5.0mb
TTA 57.43 28 eP 31 21.30 -2.2
1.2s 6.85nm 4.4mb
IMA 59.29 25 eP 31 35.60 -0.8
0.9s 3.74nm 4.3mb
FBA 61.42 27 eP 31 49.00 -1.7
0.7s 5.47nm 4.5mb
KLU 61.78 31 eP 31 52.15 -1.1
BALM 63.46 32 eP 32 03.04 -1.3
YKA 76.19 28 eP 33 20.50 -0.8
0.5s 13.30nm 4.9mb
RMW 77.23 44 eP 33 28.34 0.8
LGPM 78.61 51 ePd 33 36.61 1.3
WDC 78.93 51 eP 33 37.13 0.3
0.6s 3.92nm 4.3mb
LBFM 79.14 50 eP 33 39.32 1.1
DPW 79.40 43 ePd 33 39.82 0.6
ARN 80.75 54 eP 33 47.75 1.1
CMB 81.37 53 eP 33 50.66 0.9
0.5s 7.22nm 4.7mb
SES 82.74 38 ePd 33 56.70 0.0
BONR 82.93 52 eP 33 59.20 1.0
LRM 83.83 43 eP 34 03.10 0.6
HVV 85.31 47 eP 34 10.65 0.7
ARUT 86.53 51 eP 34 13.98 -2.0
DAU 86.94 48 eP 34 18.35 0.3
MSU 87.12 50 ePd 34 19.77 0.9
SRU 88.02 49 eP 34 23.29 0.1
RSSD 89.90 42 eP 34 31.77 -0.2
0.5s 2.15nm 4.4mb
LPB 149.58 86 PKP 41 24.00 6.2X
S.D. = 1.2 on 35 of 36 obs.

& NOV 06, 1992 02h 00m 59.19s
60.625 N 142.281 W
DEPTH = 0.0km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.4 (AEIC), 3.4
(PGC).

TGL 0.30 296 ePd 01 05.98 0.8
WAX 0.33 238 iPc 01 05.97 0.1
YAH 0.37 134 iPc 01 07.31 0.7
0.1s 12.82
BALM 0.41 356 iPd 01 08.50 1.0
0.1s 14.28
CRQM 0.44 288 iPd 01 07.62 -0.4
0.1s 13.81
SNH 0.53 212 ePc 01 10.16 0.5
0.1s 18.20
CYK 0.55 191 eP 01 11.36 1.1
0.1s 19.71
CTGM 0.58 53 iPc 01 11.14 0.4
0.1s 19.51
WRG 0.60 168 eP 01 12.28 1.1
HMT 1.02 254 ePc 01 18.96 -0.5
0.1s 34.46
GLB 1.11 318 iPd 01 19.03 -1.9
0.1s 35.21
PCA 1.14 117 ePc 01 21.20 -0.3
0.1s 38.92
RAGM 1.21 260 eP 01 22.10 -0.6
KAIM 1.27 238 P 01 23.60 -0.1
BCPM 1.48 116 ePc 01 26.40 -0.7
0.1s 47.05
CVA 1.71 269 ePc 01 29.79 -0.6
PNL 1.73 122 eP 01 29.78 -1.0
KLU 1.97 298 ePd 01 33.08 -1.2
0.1s 59.04
VLZ 2.05 286 eP 01 33.93 -1.3
FID 2.07 275 eP 01 35.16 -0.5
HQN 2.07 123 ePc 01 33.91 -1.8
TZL 2.08 315 eP 01 35.31 -0.5
VZW 2.14 284 eP 01 35.93 -0.7
HYT 2.36 83 P 01 40.20 0.3
MID 2.36 241 P 01 37.20 -2.7
GLI 2.38 278 eP 01 38.97 -1.1
TOA 2.39 310 P 01 40.00 -0.3
SDG 2.47 322 eP 01 41.22 -0.1
KNIM 2.71 267 eP 01 42.46 -2.4
SCM 2.73 299 ePd 01 44.67 -0.4
MTU 2.75 259 eP 01 43.04 -2.3
PAX 2.80 329 eP 01 45.43 -0.8
LTI 2.83 260 eP 01 44.79 -1.8
KNK 3.11 287 eP 01 49.86 -0.6

SML 3.16 295 eP 01 50.49 -0.7
PLBC 3.19 109 P 01 51.00 -0.6
PTE 3.32 277 eP 01 52.06 -1.3
GHO 3.42 293 ePc 01 54.31 -0.6
PMR 3.46 289 (P) 01 53.03 -2.4
MPA 3.50 271 ePd 01 53.88 -2.1
SEW 3.60 265 eP 01 54.89 -2.5
PMS 3.61 283 P 01 57.50 0.0
DWY 3.69 20 P 01 59.40 0.7
SLKM 3.92 272 eP 01 59.49 -2.5
SUA 4.20 285 eP 02 05.34 -0.7
SKT 4.66 291 eP 02 11.60 -0.9
TRF 4.72 310 eP 02 13.09 -0.3
CGLM 4.79 282 eP 02 12.65 -1.8
SPU 4.81 281 ePn 02 12.46 -2.2
NCG 4.87 284 eP 02 14.31 -1.3
BKG 4.90 280 eP 02 13.79 -2.2
CKL 4.94 281 eP 02 14.79 -1.8
BGL 4.97 282 eP 02 14.15 -2.8
RDW 5.20 273 P 02 11.00 -9.3
IMA 7.48 322 (P) 02 43.87 -8.5
55 obs. associated

NOV 06, 1992 02h 11m 57.16 ± 0.58s
49.155 N ± 5.5km 6.880 E ± 5.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 1.9 (STR).

SRBF 0.68 110 Pg 12 10.66 0.0
WLF 0.70 317 iPd 12 10.47 -0.4
0.1s 12.08
HOFF 0.74 106 Pg 12 11.51 -0.2
CDF 0.79 160 Pg 12 12.02 -0.5
0.1s 22.82
WLS 0.81 157 Pg 12 12.70 -0.1
0.1s 24.70
ECH 0.96 169 Pg 12 15.68 0.3
VITF 1.11 213 Pg 12 17.71 -0.3
0.1s 33.11
MOF 1.32 173 Pg 12 21.56 0.0
FEL 1.49 149 Pg 12 24.87 0.8
DOU 1.76 303 P 12 28.40 0.5
0.1s 52.30
S.D. = 0.5 on 10 of 10 obs.

NOV 06, 1992 02h 18m 12.27 ± 0.42s
43.207 N ± 4.2km 18.958 E ± 4.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 3.5 (TIR), 3.0 (TTG). MD 3.5
(TRI).

PLE 0.34 69 iPgd 18 18.37 -1.0
0.1s 23.64
NKY 0.39 176 iPgc 18 19.68 -0.7
0.1s 26.11
BRY 0.43 225 iPgd 18 19.49 -1.6
0.1s 25.94
IVA 0.77 116 iPgc 18 26.81 -0.5
0.1s 38.97
TTG 0.81 164 iPgc 18 26.41 -1.5
0.1s 40.38
HCY 0.83 204 iPgd 18 26.91 -1.4
0.1s 40.21
BDV 0.93 186 iPgc 18 28.79 -1.2
0.1s 44.12
PVY 0.96 129 iPgc 18 30.34 -0.4
0.1s 45.94
BCI 1.17 135 iPnd 18 33.50 -0.7
0.1s 52.00
ULC 1.26 170 iPgd 18 35.67 0.0
0.1s 55.21
KKS 1.56 136 iPnd 18 41.60 1.5
LACI 1.67 160 ePn 18 42.80 1.2
0.1s 09.80
HVAR 1.84 270 iPn 18 43.80 -0.3
0.1s 10.10
PHP 1.88 144 iPnd 18 45.70 1.0
0.1s 10.20
TIR 1.98 160 iPnd 18 49.00 2.9X
0.1s 18.80
SKO 2.21 123 iPn 18 50.60 1.1
0.1s 57.20
0.1s 27.00
0.1s 37.90
TPE 3.01 164 ePn 19 02.50 1.6

VAY 3.28 124 iPn 19 09.30 4.6X
LSK 3.29 158 ePn 19 10.00 5.0X
ZAG 3.37 322 e(Pn) 19 11.00 5.1X
PTJ 3.44 323 e(Pn) 19 11.20 4.1X
0.1s 20.03.40
VBY 3.51 312 ePnc 19 08.00 0.0
DUI 3.67 247 P 19 12.00 1.6
SGO 3.80 227 P 19 13.10 1.0
0.1s 19.55.80
RIY 3.92 305 e(Pn) 19 22.30 8.6X
SDI 4.09 250 P 19 17.00 0.8
0.1s 20.05.60
CEY 4.11 310 ePnc 19 16.90 0.4
0.1s 19.32.00
0.1s 20.30.00
LJU 4.24 313 e(Pn) 19 27.00 8.6X
0.1s 20.23.00
ARV 4.40 276 P 19 20.60 0.0
0.1s 20.08.70
TRI 4.48 306 e(Pn) 19 34.30 12.6X
0.1s 19.40.40
0.1s 20.07.00
0.1s 20.17.30
VOY 4.59 310 ePn 19 23.00 -0.4
0.1s 20.46.50
ASS 4.61 270 P 19 24.50 0.8
0.1s 20.19.40
SRO 4.63 355 eP 19 27.00 3.2X
0.1s 20.26.30
0.1s 21.56.80
SPC 6.05 8 ePn 19 44.50 0.4
GEC2 6.72 329 ePn 19 51.60 -1.9
0.5s 0.44nm 3.8mb X
0.1s 19.58.00
0.1s 20.00.20
S.D. = 1.1 on 26 of 35 obs.

? NOV 06, 1992 02h 41m 52.82 ± 8.82s
39.527 N ± 60.3km 26.237 E ± 48.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
ML 3.1 (THE).

ALN 1.38 354 ePgc 42 18.06 0.1
0.1s 42.34.50
PAIG 2.01 282 ePbd 42 26.90 -0.3
0.1s 42.50.46
SOH 2.56 301 ePn 42 35.78 0.7
0.1s 43.03.62
SRS 2.57 309 ePnd 42 34.54 -0.7
KNT 3.03 304 iPnc 42 41.45 -0.2
0.1s 43.13.14
GRG 3.26 297 ePn 42 45.58 0.5
0.1s 42.45.58
S.D. = 0.7 on 6 of 6 obs.

* NOV 06, 1992 02h 42m 01.00 ± 2.34s
29.572 N ± 24.7km 31.152 E ± 10.6km
DEPTH = 31.5 ± 5.4 km
3.1mb (1 obs.)
EGYPT (553)
MD 3.5 (HLW).

HLW 0.33 30 eP 42 09.00 0.0
0.1s 42.12.50
RMN 3.15 72 eP 42 50.30 0.6
MKT 3.72 67 eP 42 57.00 -0.7
0.1s 43.39.60
DHLJ 3.88 70 P 42 59.80 -0.1
ZNT 4.26 50 eP 43 05.10 -0.3
0.1s 43.51.10
MKRJ 4.34 62 P 43 06.20 -0.4
MASJ 4.48 60 P 43 08.80 0.2
ATZ 4.79 46 eP 43 13.10 0.3
0.1s 44.04.50
JARJ 4.90 56 P 43 15.10 0.6
SHMJ 5.05 50 P 43 20.40 3.8X
HRI 5.38 46 eP 43 21.10 -0.2
GEC2 23.42 330 eP 47 08.10 0.0
0.6s 0.35nm 3.1mb
0.1s 47.09.70
0.1s 47.15.10
0.1s 47.17.00
S.D. = 0.5 on 11 of 12 obs.

NOV 06, 1992 02h 52m 47.95 ± 0.41s
38.310 N ± 4.1km 1.820 W ± 4.1km
DEPTH = 5.0km (geophysicist)

SPAIN (377)
mbLg 3.1 (MDD). Felt (III) in
the Morotolla area.

EALH	0.55	145	iPgc	52	58.30	-0.7
			eSg	53	07.00	
EVIA	0.63	302	iPgc	53	01.00	0.5
			eSg	53	10.50	
EHUE	0.79	231	iPgc	53	03.50	-0.2
			eSg	53	13.50	
ACU	1.13	79	iPgc	53	11.00	1.5
			eSg	53	26.50	
ENIJ	1.37	193	iPnc	53	14.00	0.3
			eSn	53	33.50	
ECHE	1.44	27	ePn	53	15.00	0.2
			eSn	53	35.00	
EBAN	1.55	265	iPnc	53	16.50	0.2
			eSn	53	37.50	
ECOG	1.73	234	iPnc	53	19.50	0.6
			eSn	53	42.00	
ELUO	2.07	250	iPnc	53	25.00	1.1
TOL	2.34	313	ePg	53	34.00	6.3X
			eSn	54	03.00	
ETOR	2.51	356	ePn	53	30.50	0.3
EHOR	2.75	261	ePn	53	33.00	-0.5
			eSn	54	05.00	
GUD	2.95	323	ePn	53	37.50	1.1
EROO	3.04	34	ePn	53	37.00	-0.6
EJIF	3.45	239	ePn	53	42.50	-0.9
EPLA	3.75	299	ePn	53	46.50	-1.2
EPF	4.99	19	Pn	54	05.00	0.4
			Sg	55	05.00	
			Sg	55	25.40	
LPO	6.75	19	Pn	54	28.70	-1.5
CAF	7.22	23	Pn	54	36.20	-0.5

S.D. = 0.9 on 18 of 19 obs.

? NOV 06, 1992 03h 15m 13.41±1.71s
42.635 N ± 9.9km 13.530 E ± 23.3km
DEPTH = 10.0km (geophysicist)

CENTRAL ITALY (381)

AQU	0.30	198	P	15	18.90	-0.7
			eSg	15	24.10	
ASS	0.77	305	P	15	29.40	0.9
			eSg	15	38.40	
SDI	0.95	167	P	15	32.20	0.6
ARV	0.96	334	P	15	31.00	-0.8
			eSg	15	44.20	

S.D. = 1.5 on 4 of 4 obs.

NOV 06, 1992 04h 27m 59.37±0.45s
40.973 N ± 6.9km 72.506 E ± 6.1km
DEPTH = 33.0km (normal)
4.3mb (14 obs.)

KYRGYZSTAN (716)

AAA	4.02	54	(Pn)	29	02.50	2.2
			i	29	58.00	
TLG	4.29	56	ePn	29	04.50	0.4
			e	29	16.00	
			eS	29	54.00	
PRZ	4.66	69	(Pn)	29	24.00	14.6X
			eS	30	24.00	
MAIO	11.19	250	eP	30	40.00	-0.2
			eS	32	37.00	
ASH	11.35	259	eP	30	49.00	6.7X
BRVK	12.18	354	eP	30	49.00	-4.4X
	0.8s		9.00nm			5.0mb
			eS	32	55.00	
UKR	13.10	36	eP	31	04.00	-1.5
	1.0s		10.00nm			4.8mb
ELT	15.41	33	iPc	31	35.50	-0.2
	1.6s		21.00nm			4.1mb
NVS	15.60	24	iPd	31	42.50	4.3X
GKN	16.33	139	P	31	46.50	-1.4
KKN	16.83	137	P	31	51.32	-2.9
DMN	16.89	138	P	31	55.76	0.7
GUN	17.04	136	P	31	58.48	1.4
PKI	17.07	138	P	31	56.78	-0.7
SVE	17.62	338	ePd	32	02.00	-1.7
ARU	17.90	334	eP	32	05.00	-2.2
UER	18.23	47	eP	32	11.00	-0.2
ZAK	23.33	56	eP	33	07.00	1.8
	1.6s		14.00nm			4.2mb
KAF	34.62	323	eP	34	47.00	-0.1
HFS	40.38	319	eP	35	35.00	-0.4

TIK	0.4s	4.10nm	4.5mb
GEC2	41.20	24 eP	35 41.00 -0.9
	41.46	301 ePc	35 45.50 1.0
	0.5s	2.84nm	4.2mb
NB2	41.61	320 P	35 45.30 -0.3
	0.6s	2.90nm	4.2mb
GRF	42.86	303 eP	35 58.00 2.1
CDF	45.70	302 eP	36 18.70 -0.1
	0.5s	1.70nm	4.2mb
BSF	46.17	302 eP	36 23.10 0.5
	0.6s	2.25nm	4.3mb
HAU	46.41	302 eP	36 24.30 0.0
	0.5s	2.60nm	4.4mb
LPG	46.92	299 eP	36 29.70 0.9
	0.5s	1.95nm	4.4mb
LPL	46.93	299 eP	36 29.70 1.0
	0.5s	3.50nm	4.6mb
AVF	48.72	301 eP	36 42.10 -0.3
	0.7s	3.75nm	4.5mb
WRA	83.41	123 P	40 26.10 1.3
	0.7s	0.50nm	3.7mb

S.D. = 1.3 on 27 of 31 obs.

& NOV 06, 1992 04h 33m 47.43s
59.744 N 152.371 W
DEPTH = 71.3km
SOUTHERN ALASKA (2)
<AEIC>.

HOM	0.38	103	iPc	33	58.97	-0.5
			eS	34	08.27	
XLV	0.44	131	eP	33	59.03	-1.0
OPT	0.44	259	ePc	33	59.62	-0.5
			eS	34	08.64	
ILIM	0.45	319	eP	33	59.59	-0.6
			eS	34	09.25	
INE	0.47	313	ePc	33	59.95	-0.5
INW	0.50	311	eP	34	00.41	-0.3
CNPM	0.62	110	iPc	34	00.96	-0.8
			eS	34	11.36	
AUE	0.64	233	ePd	34	01.36	-0.6
AUL	0.65	237	eP	34	01.63	-0.5
AUP	0.66	235	ePd	34	01.74	-0.5
AUH	0.67	236	eP	34	01.68	-0.7
AUW	0.67	237	eP	34	01.78	-0.6
AUI	0.68	233	ePd	34	01.68	-0.7
			eS	34	12.55	
RED	0.71	344	iPd	34	02.12	-0.7
			eS	34	13.74	
BRLK	0.75	88	iPd	34	02.23	-1.0
			eS	34	14.56	
REF	0.77	348	eP	34	02.90	-0.7
			eS	34	14.97	
RDW	0.77	344	ePd	34	03.01	-0.7
DFR	0.87	350	ePd	34	03.92	-0.8
			eS	34	16.95	
NCT	0.87	341	ePd	34	04.03	-0.7
			eS	34	17.10	
PDB	0.92	274	iPd	34	04.23	-1.0
			iS	34	17.62	
CDD	1.05	219	eP	34	05.89	-1.0
			eS	34	20.51	
SYI	1.14	181	ePd	34	07.12	-0.9
			eS	34	22.87	
MCNL	1.15	242	ePd	34	06.84	-1.3
			eS	34	21.55	
SLKM	1.32	54	eP	34	09.33	-1.1
BKG	1.33	2	eP	34	10.15	-0.5
			eS	34	27.65	
SPU	1.45	6	ePd	34	11.73	-0.5
			eS	34	30.82	
CKL	1.46	1	ePd	34	11.88	-0.5
CKN	1.49	4	eP	34	12.66	-0.1
SEW	1.52	75	eP	34	11.87	-1.1
BGL	1.52	360	eP	34	12.84	-0.4
CP2	1.53	2	eP	34	13.02	-0.4
CRP	1.53	4	eP	34	13.14	-0.3
CGLM	1.58	6	ePd	34	13.69	-0.3
NCG	1.67	4	ePd	34	14.76	-0.5
MPA	1.68	62	eP	34	14.62	-0.7
SUA	1.90	24	ePd	34	18.07	-0.4
PTE	2.01	55	ePd	34	18.40	-1.4
PMS	2.05	42	ePd	34	19.74	-0.7
SKT	2.28	10	eP	34	22.72	-0.9
LTI	2.30	81	eP	34	21.18	-2.6
KNIM	2.40	73	eP	34	22.22	-3.1
KNK	2.56	47	eP	34	25.54	-1.9

FID	3.11	69	eP	34	31.22	-3.9
VLZ	3.30	62	eP	34	34.90	-2.8
KLU	3.63	58	eP	34	39.76	-2.7

45 obs. associated

NOV 06, 1992 05h 10m 33.27±1.13s
32.823 S ± 6.7km 71.554 W ± 10.5km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

IHA	0.22	200	iPd	10	39.10	-0.9
			iS	10	44.70	
ROCH	0.48	108	iPd	10	42.80	-1.0
LCCH	0.65	181	iP	10	45.68	-0.3
			iS	10	58.37	
PEL	0.80	114	iP+	10	47.93	-0.2
			iS	11	00.95	
JACH	0.82	80	iPd	10	46.56	-2.0
			iS	10	58.35	
TACH	0.98	148	iP+	10	51.27	0.6
			iS	11	08.24	
SAN	0.98	130	iPd	10	51.00	0.3
			iS	11	06.67	
LNW	1.14	174	iP	10	53.04	0.2
FCH	1.17	116	iPd	10	53.67	-0.1
			iS	11	11.40	
PCH	1.18	133	iPd	10	54.04	0.4
CHCH	1.34	146	iP	10	57.19	1.3
			iS	11	18.14	
RTBS	2.12	58	iPc	11	07.80	0.7
			S	11	35.40	
RTCB	2.69	61	ePc	11	15.80	0.6
			S	11	53.20	
RTCV	2.73	70	ePd	11	17.00	1.3
			S	11	54.00	
ZON	2.75	63	eP	11	16.40	0.3
RTLL	3.01	61	ePc	11	19.50	-0.3
			S	12	19.50	
CFA	3.06	68	e(P)	11	20.60	0.1
MRA	4.95	87	e(P)	11	46.00	-1.2
RTPR	4.98	61	ePd	11	48.00	0.3
TCA	6.09	78	e(P)	12	00.20	-3.3X
			(S)	13	10.50	

S.D. = 0.9 on 19 of 20 obs.

? NOV 06, 1992 06h 30m 31.87±0.89s
43.950 N ± 9.2km 7.265 E ± 9.6km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 1.0 (STR).

TOUF	0.07	349	Pg	30	34.12	-0.3
			Sg	30	35.58	
AURF	0.08	144	Pg	30	34.16	-0.2
			Sg	30	35.72	
MVIF	0.10	237	Pg	30	34.90	0.2
			Sg	30	37.00	
AUTN	0.13	69	Pg	30	35.43	0.3
			Sg	30	36.93	

S.D. = 0.5 on 4 of 4 obs.

NOV 06, 1992 07h 21m 57.89±0.69s
41.051 N ± 3.9km 72.510 E ± 2.4km
DEPTH = 39.5 ± 6.6 km
5.1mb (87 obs.) 4.1msz (3 obs.)
KYRGYZSTAN (716)

Felt (V) at Kochkor-Ata; (III)
at Mayli-Soy and Tash-Kumyr.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 9C
Centroid Location:
Origin Time 07:21:58.7 1.5
Lat 41.20N 0.24 Lon 72.58E 0.22
Dep 18.7 9.4 Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr= 2.37 0.52 Mtt=-1.41 0.98
Mff=-0.97 0.59 Mrt= 2.16 1.39
Mrf=-1.06 1.22 Mtf= 1.48 0.29
Principal Axes:
T Vol= 3.38 Plg=67 Azm= 14
N 0.22 8 124
P -3.61 22 217
Best Double Couple: Mo=3.5*10**16
NP1: Strike=322 Dip=25 Slip= 111
NP2: 120 67 81

06d 07h

FRU	2.38	41	iPnc+	22	38.00	2.7			eSS	33	35.00		PTJ	40.59	296	iPc	29	35.50	0.2		
			i	23	10.60				e	38	32.00		PRU	40.66	303	eP	29	36.00	0.4		
KSH	3.10	120	P	22	46.60	1.0		GBA	27.68	170	P	27	44.00	-0.2							
AAA	3.97	55	iPn+	22	59.50	1.4			S	34	20.00										
			i	23	09.90			SIM	28.17	291	eP+	27	48.00	-0.4	Z	11s	2.00um		5.2mszX		
			i	23	58.00			BTO	28.25	78	eP	27	49.00	-0.3			e	29	47.50		
PRZ	4.63	70	ePn	23	06.00	-1.5		N	13s	0.58um			BRG	40.88	304	iP	29	38.00	0.5		
			eS	24	19.00			E	14s	1.43um				1.2s	30.00nm			4.9mb			
MAIO	11.22	249	eP	24	35.00	-3.9X		HHC	29.33	77	P	28	01.00	1.9			e	29	52.50		
	0.9s		21.74nm			5.3mb			1.0s	8.50nm			4.4mb								
			eS	26	35.00			Z	14s	1.18um			4.7mszX								
ASH	11.37	259	eP	24	35.00	-5.8X		N	10s	0.79um			HVAR	40.98	292	iPc	29	37.40	-1.0		
			S	26	39.00			E	10s	0.74um			TIK	41.12	24	iPc	29	39.10	0.0		
WMQ	11.56	71	eP	24	42.10	-1.3		XAN	29.55	92	eP	28	00.00	-1.0			e	31	16.00		
	10s		3.40um					Z	12s	1.23um			4.8mszX								
QUE	11.74	204	eP	24	43.90	-2.1		N	10s	0.87um			VBV	41.17	296	iPc	29	40.60	0.8		
			eS	26	52.40			E	10s	1.08um						iPcP	31	39.90			
BRVK	12.11	354	iPc	24	46.50	-4.1X		NRI	29.58	11	eP	28	01.00	0.2	CLL	41.39	305	iPc	29	41.80	0.2
	0.8s		66.00nm			5.8mb			1.4s	79.00nm			5.3mb						4.9mb		
			eS	27	07.00					ePPP	29	10.00					e	29	57.00		
KAT	12.57	267	iP+	24	54.00	-2.9X				eS	32	56.00		GEC2	41.42	301	ePc	29	42.90	0.9	
			iS	27	18.00			CIT	29.93	55	eP	28	03.00	-1.3			18.49nm		5.1mb		
ELT	15.34	33	iPd	25	32.00	-1.0		TIY	30.85	83	iPc	28	12.90	0.4	KHC	41.44	302	iPc	29	43.20	1.1
			eS	28	23.00			Z	12s	1.45um			4.9mszX						4.7mb		
GKN	16.39	139	P	25	41.32	-5.4X		E	11s	0.90um							e	29	53.50		
	0.7s		319.00nm			5.5mb		BOD	31.25	43	iPc	28	14.00	-1.7	LJU	41.52	297	eP	29	43.00	0.2
KKN	16.88	138	P	25	46.70	-6.4X			1.3s	24.00nm			4.8mb		NB2	41.56	320	P	29	42.60	-0.3
DMN	16.94	138	P	25	49.24	-4.6X		KIS	31.62	296	eP	28	19.00	0.0			23.90nm		5.1mb		
GUN	17.10	136	P	25	51.76	-4.1X		CHG	31.66	127	eP	28	18.10	-1.6	CEY	41.67	297	ePc	29	44.80	0.8
PKI	17.13	138	P	25	51.52	-4.7X			1.1s	13.61nm			4.7mb		NAO	41.75	320	P	29	44.29	-0.1
	0.8s		208.00nm			5.3mb		GYA	31.68	107	P	28	24.00	4.0X	WET	41.88	302	iPc	29	46.60	0.8
SVE	17.55	338	iPd	25	58.00	-3.0X			1.0s	12.00nm			4.7mb				48.00nm		5.2mb		
	1.6s		220.00nm			5.0mb		Z	16s	1.35um			4.7mszX		VOY	41.95	297	iPc	29	46.50	0.1
ARU	17.84	334	eP	26	03.00	-1.5		PUL	32.02	320 (P)		28	22.00	-0.4	KBA	42.05	299	eP	29	47.70	0.3
	1.5s		600.00nm			5.5mb			1.2s	150.00nm			5.7mb				13.60nm		4.7mb		
			eS	29	23.00			Z	12s	2.60um			5.1mszX		RBL	42.06	298	Pc	29	47.40	0.1
UER	18.17	47	eP	26	07.50	-1.1		N	12s	1.10um					TRI	42.12	297	ePc	29	48.00	0.3
	2.0s		120.00nm			4.7mb		E	12s	2.20um					TDS	42.19	287	P	29	49.60	1.2
LSA	18.91	121	P	26	19.00	0.6				e	35	52.00		BHG	42.21	300	iPc	29	49.00	0.6	
	1.0s		8.00nm			3.9mb X	CFR	32.33	292	ePc	28	25.50	0.2			21.00nm		4.8mb			
GRO	19.98	286	eP	26	27.00	-2.6	MNK	32.42	309	eP	28	23.00	-2.9X	MOX	42.38	304	ePc	29	50.30	0.5	
TAB	20.38	270	eP	26	33.00	-1.0	BDT	32.90	128	eP	28	29.50	-1.0			39.00nm		4.9mb			
GTA	20.88	86	eP	26	38.80	-0.4	BJI	32.94	77	eP	28	30.00	-0.6	MGR	42.59	288	P	29	52.70	1.1	
	1.5s		35.00nm			4.5mb		Z	14s	1.18um			4.7mszX		SGO	42.62	289	Pc	29	53.10	1.3
	Z	12s	3.01um			4.9mszX		N	13s	0.98um				GRF	42.82	303	iPc	29	55.00	1.6	
	E	11s	1.79um							e	28	33.50	0.4			83.00nm		5.3mb			
		pP	26	46.00	27kmX		VR1	33.22	294	ePc	28	36.50	1.3	Z	16s	0.90um		4.8mszX			
		sP	26	50.60			ISR	33.46	293	eP	28	39.50	1.1	SOI	42.98	285	Pc	29	55.10	0.3	
ERE	21.25	277	iP	26	44.00	1.2	MLR	33.82	293	ePc	28	47.10	3.3X	WTTA	43.14	300	iPc	29	55.90	-0.3	
	1.2s		13.00nm			4.2mb	LOE	34.44	124	eP	28	41.00	-3.1X			45.00nm		5.2mb			
		e	30	51.00			MTUR	34.48	293	eP	28	44.20	-0.2	FUR	43.14	301	iPc	29	57.30	1.2	
PYA	21.85	288	iPc	26	47.00	-1.7	KAF	34.56	323	iP	28	48.00	2.7			300	iPc	29	55.80	-0.5	
	1.0s		150.00nm			5.4mb		1.1s	68.90nm			5.5mb		WATA	43.16	300	iPc	29	58.30	0.7	
KIV	22.12	287	eP	26	50.60	-0.9	KHT	34.62	132	eP	28	51.00	4.1X	ARV	43.32	294	Pc	29	58.30	0.7	
	0.9s		83.00nm			5.2mb	NST	34.80	129	eP	28	47.70	0.1	SQTA	43.43	300	ePc	29	58.00	-0.5	
MOY	22.20	52	ePc	26	53.10	1.1	TIA	34.90	83	Pc	28	47.70	-0.1	CTI	43.45	298	Pc	29	58.30	-0.4	
	1.9s		186.00nm			5.2mb	NUR	34.95	320	iP	28	47.70	-0.1	ASS	43.65	293	P	30	01.50	1.2	
SHL	22.30	128	eP	26	52.50	-1.0		0.9s	42.70nm			5.4mb		SFI	43.94	295	P	30	04.10	1.6	
	1.0s		87.50nm			5.2mb	WHN	35.22	94	eP	28	47.00	-3.4X	CRE	43.97	294	P	30	03.80	0.9	
		eS	30	55.50			UZH	35.84	299	eP	28	45.50	-10.0X	OSS	44.28	299	ePc	30	05.20	-0.2	
POO	22.47	177	iP	26	57.80	2.7		0.8s	20.00nm			5.1mb		IPM	44.41	137	ePc	30	07.00	0.4	
		iS	33	56.00			Z	14s	1.50um			4.9mszX				80.30nm		5.5mb			
ZAK	23.28	56	iPc	27	04.30	1.7	E	14s	1.50um					BDI	44.76	295	P	30	09.80	0.6	
	1.6s		140.00nm			5.2mb			e	30	37.50			VDL	44.78	299	ePd	30	09.10	-0.4	
	Z	11s	1.08um			4.6mszX	SDF	36.30	332	iP	28	59.30	0.2	LLS	44.98	300	ePc	30	10.60	-0.5	
IRK	24.34	52	ePd	27	14.00	1.0	VAY	37.16	287	iP	29	07.30	0.7	SLE	45.05	301	ePc	30	11.30	-0.2	
	2.2s		210.00nm			5.3mb		1.2s	58.00nm			5.3mb		LANF	45.17	303	P	30	12.71	0.4	
		e	27	42.00			OJC	37.28	302	iP	29	08.00	0.5	TMA	45.29	299	iPc	30	12.60	-0.9	
LZH	24.92	91	eP	27	19.50	0.6		0.9s	72.00nm			5.6mb		VAI	45.43	298	Pc	30	13.30	-1.1	
	1.5s		43.00nm			4.8mb	SKO	37.79	289	iP	29	12.50	0.6	CDF	45.66	302	iPc	30	16.30	0.0	
	Z	15s	1.55um			4.6mszX		1.3s	60.00nm			5.3mb			0.9s	23.75nm		5.1mb			
	N	11s	1.34um				SNY	37.83	71	eP	29	10.00	-2.2	MMK	45.90	299	ePd	30	18.00	-0.5	
		pP	27	30.00	39kmX		UPP	38.34	318	iP	29	16.40	0.1	WLF	46.02	304	Pc	30	20.00	1.0	
ANN	25.92	290	eP	27	27.00	-0.9			i	29	20.40		BSF	46.13	302	iPc	30	20.10	0.0		
	1.3s		100.00nm			5.2mb	KSP	39.42	304	iPc	29	25.90	0.5			23.10nm		5.2mb			
	Z	12s	1.00um			4.6mszX		e	30	54.40				DIX	46.26	299 (P)		30	21.20	-0.1	
	N	15s	1.20um				VRAC	39.46	301	iPc	29	26.90	1.1	PGF	46.37	294	iPc	30	22.20	0.2	
	E	15s	1.00um					1.1s	90.30nm			5.5mb			1.1s	72.55nm		5.5mb			
CD2	27.11	102	eP	27	43.70	4.7X	YAK	39.64	38	iPd	29	26.80	-0.3	HAU	46.37	302	iPc	30	21.80	-0.1	
		i	27	58.00				1.0s	100.00nm			5.6mb			0.6s	19.75nm		5.2mb			
OBN	27.45	313	iPc	27	41.20	-0.6	SSE	40.13	88	Pc	29	32.00	0.5	Z	17s	0.15um		4.0mszX			
	1.5s		84.00nm			5.2mb		1.0s	9.00nm			4.5mb		EMS	46.58	299	iPc	30	23.		

SBF	46.98	296	iPc	30	27.00	0.2	LRM	93.40	3	eP	35	09.14	PLRM	5.23	41	ePc	48	08.83	-5.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.0s	73.80nm				5.6mb	RSSD	95.16	358	eP	35	11.20	PMR	5.23	41	eP	48	08.51	-5.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
BN1	47.08	298	Pc	30	27.60	-0.1		1.0s	1.71nm			4.4mb	KNK	5.36	45	eP	48	10.68	-5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
FRF	47.62	296	iPc	30	31.70	-0.1	LPB	138.21	294	PKP	41	22.00	GHO	5.43	40	ePc	48	11.56	-5.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.8s	29.40nm				5.3mb	RTPR	145.31	275	ePKPd	41	32.90	MID	5.44	69	P	48	13.30	-3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
KGM	47.78	136	eP	30	35.00	1.8	MRA	145.69	271	ePKP	41	33.90	GLI	5.61	53	iPd	48	14.12	-5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LMR	47.79	296	iPc	30	33.00	-0.1	RTCV	147.58	274	iPKPd	41	37.90	SML	5.66	42	iPc	48	14.66	-5.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.1s	30.50nm				5.2mb	RTCB	147.60	275	ePKPd	41	40.50	FID	5.82	56	ePc	48	17.02	-5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LRG	47.85	296	iPc	30	33.50	0.0	RTBS	148.18	275	ePKPd	41	42.40	SCM	6.04	45	eP	48	20.15	-5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.8s	19.35nm				5.2mb	TLL	148.47	278	iPKPd	41	42.20	VLZ	6.06	53	eP	48	21.01	-4.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Z	19s	0.32um				4.3Msz	PEL	149.77	273	iPKPc	41	45.50	CVA	6.06	59	iPc	48	21.03	-4.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LOR	48.20	302	iPc	30	35.30	-1.0		1.5s	100.00nm			5.4X	TRF	6.37	25	eP	48	25.53	-4.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.7s	8.95nm				4.9mb	S.D. = 0.9 on 167 of 191 obs.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Z	18s	0.17um				4.1Msz	* NOV 06, 1992 07h 46m 56.87s																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
LBF	48.22	301	iPc	30	35.60	-0.8		57.822 N				156.280 W	ROA	6.64	46	P	48	28.70	-4.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.6s	7.75nm				4.9mb	DEPTH = 115.7km						RND	6.69	30	eP	48	28.83	-5.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
SMF	48.42	301	iPc	30	37.40	-0.5	3.8mb (4 obs.)						HMT	6.69	63	eP	48	29.86	-4.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.8s	13.05nm				5.0mb	ALASKA PENINSULA				(12)		TZL	6.90	48	eP	48	33.15	-3.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
SSF	48.49	302	iPc	30	37.80	-0.7	<AEIC>						MCK	6.93	28	eP	48	33.12	-4.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.6s	7.50nm				4.9mb	MCNL	1.71	36	iPc	47	25.60	SDG	7.13	44	ePc	48	35.70	-4.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
AVF	48.68	301	iPc	30	39.60	-0.3							GLB	7.29	55	iPc	48	37.91	-4.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.0s	56.20nm				5.5mb							CROM	7.34	61	iPc	48	38.95	-4.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
BGF	49.09	301	iPc	30	42.60	-0.5		CDD	1.78	50	iPc	47	26.56	WAX	7.39	63	iPc	48	39.26	-4.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0.7s	7.40nm				4.8mb							PAX	7.43	41	iPd	48	38.83	-5.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MAF	49.39	301	iPc	30	45.50	0.1							TGL	7.49	61	iPd	48	41.19	-3.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.8s	28.50nm				5.4mb	KDC	2.03	90	ePc	47	29.30	NEA	7.61	24	eP	48	41.48	-5.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
TCF	49.60	301	iPc	30	46.90	-0.1							WRH	7.75	27	eP	48	42.30	-6.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.9s	20.45nm				5.2mb	AUI	2.13	43	iPc	47	30.74	BALM	7.80	60	iPc	48	44.95	-4.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
EKA	49.92	314	Pc	30	48.30	-1.0							YAH	7.90	65	iPc	48	46.97	-3.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.5s	8.10nm				5.0mb	AUW	2.14	42	iPc	47	31.07	CCB	7.97	27	eP	48	45.08	-6.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CAF	50.19	299	iPc	30	51.80	0.2		AUH	2.14	43	iPc	47	31.20	HDA	7.99	30	iPd	48	45.64	-6.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	1.0s	18.40nm				5.1mb	AUP	2.15	43	iPc	47	31.24	DJE	8.08	35	eP	48	49.62	-3.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LDF	50.27	305	iPc	30	51.50	-0.6		AUL	2.16	42	iPc	47	31.33	MDM	8.13	25	ePc	48	48.30	-5.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0.6s	20.85nm				5.3mb							FBA	8.18	26	ePc	48	48.00	-6.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MAT	50.32	72	eP	30	51.00	-1.7		AUE	2.17	43	iPc	47	31.42	CTGM	8.25	61	iPc	48	51.57	-3.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	1.0s	12.00nm				4.9mb	SYI	2.20	67	iPc	47	31.39	GLM	8.35	27	ePc	48	50.89	-5.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
RJF	50.41	300	iPc	30	53.50	0.3							DOT	8.35	41	eP	48	52.45	-4.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.9s	25.05nm				5.2mb	PDB	2.25	28	iPc	47	31.96	IMA	8.37	7	eP	48	53.17	-3.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Z	20s	0.15um				4.0Msz							ADK	13.14	252	eP	49	57.12	-2.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
DAG	50.75	343	iPd	30	54.70	-0.7		OPT	2.43	40	iPc	47	34.56	YKA	20.97	60	eP	51	27.40	-4.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	1.0s	33.00nm				5.3mb								0.5s	1.70nm			3.7mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
GRR	50.80	305	iPc	30	55.40	-0.7		INW	2.78	35	iPc	47	38.73	BONR	31.70	112	eP	53	09.62	-1.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	0.8s	28.05nm				5.3mb	INE	2.80	35	iPc	47	38.98	BW06	32.68	97	eP	53	17.00	-2.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LPO	50.86	299	iPc	30	56.60	0.0		ILIM	2.84	36	iPc	47	39.76		1.0s	1.67nm			3.8mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.0s	20.40nm				5.1mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
MFF	51.00	302	iPc	30	56.80	-0.9		XLV	2.89	54	eP	47	40.78	RSSD	34.71	90	iPc	53	34.40	-2.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	1.1s	27.85nm				5.2mb	HOM	3.04	51	ePc	47	42.74		0.5s	4.73nm			4.6mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
LPF	51.05	304	iPc	30	57.00	-1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0.6s	5.95nm				4.8mb	CNPM	3.14	55	iPc	47	43.46	SRU	34.79	102	eP	53	35.40	-2.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
LFF	51.05	300	iPc	30	58.20	0.1							PV10	36.12	102	eP	53	48.00	-1.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	1.0s	47.60nm				5.4mb							ALO	40.07	103	eP	54	22.00	-0.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
EPF	52.00	298	iPc	31	04.70	-1.3		RED	3.17	33	iPc	47	43.77		0.6s	1.25nm			3.9mb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	0.7s	6.85nm				4.7mb	RS1	3.21	33	eP	47	44.65			e	55	07.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DLF	52.44	312	eP	31	07.90	-0.6		RS2	3.21	33	eP	47	44.34	98 obs. associated																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DMU	52.44	313	eP	31	08.30	-0.2		RSO	3.21	33	eP	47	44.43	NOV 06, 1992 08h 08m 08.58 ± 0.79s																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DCN	52.85	312	eP	31	11.20	-0.3		RDW	3.21	32	eP	47	44.46	0.207 N ± 8.1km 122.779 E ± 8.5km																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
BCAO	60.41	248	iPc	32	04.10	-1.7		NCT	3.24	31	iPc	47	44.72	DEPTH = 143.3 ± 9.2 km																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	1.1s	55.00nm				5.6mb	REF	3.25	33	eP	47	44.92	4.4mb (5 obs.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
IMA	67.44	19	eP	32	50.22	-1.1		RDN	3.25	32	eP	47	45.06	MINAHASSA PENINSULA, SULAWESI (265)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	0.8s	6.32nm				4.7mb	SVW	3.31	6	eP	47	45.14	MNI						2.40	59	ePc	08	48.50	-0.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
FBA	69.78	17	eP	33	04.75	-0.8	DFR	3.34	32	ePc	47	45.77	PCI						3.14	249	ePc	08	58.00	-0.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	0.8s	8.11nm				4.8mb	SDN	3.41	225	P	47	47.70																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

06d 08h

DEPTH = 3.8km
CALIFORNIA-NEVADA BORDER REGION (40)
<GM-P>. MD 2.9 (GM). ML 2.8
(GS).

BONR	0.22	97	iPc	40	19.88	0.2
MRCM	0.32	169	ePc	40	21.54	0.0
MEMM	0.43	222	iPd	40	23.74	0.1
			eS	40	29.29	
MMPM	0.51	224	ePd	40	25.20	-0.2
			S	40	32.14	
MTUM	0.63	179	ePd	40	27.36	-0.4
TNP	1.08	84	iPc	40	35.36	-0.8
			S	40	50.99	
KVN	1.13	19	ePn	40	36.14	-0.9
CMB	1.43	273	eP	40	40.84	-1.1
			eS	40	59.84	
ARN	2.43	256	ePn	40	57.06	0.8
HMR	2.55	275	(P)	41	01.09	3.2
COE	2.56	254	ePn	40	57.79	-0.3
PHAM	2.59	215	ePg	41	02.77	4.2
ORV	2.77	305	ePn	41	01.80	0.7
			ePg	41	04.98	
			S	41	40.16	
GSC	3.03	151	ePn	41	04.26	-0.7
			ePg	41	12.82	
BCH	3.04	204	(Pn)	41	05.02	-0.1
ABL	3.17	190	(P)	41	09.43	2.5
ARUT	4.07	91	(Pn)	41	19.15	-0.6

17 obs. associated

* NOV 06, 1992 09h 50m 48.17± 2.11s
41.148 N ± 10.0km 22.169 E ± 14.4km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 2.3 (SKO), 2.1 (THE).

GRG	0.26	137	iPg	50	53.64	0.0
			eSg	50	59.56	
VAY	0.35	60	iPg	50	55.40	0.1
			iSg	51	02.30	
KNT	0.55	88	ePg	50	58.40	-1.0
			eSg	51	09.24	
THE	0.79	130	ePg	51	03.72	0.1
			eSg	51	18.20	
SOH	0.95	110	ePg	51	06.28	-0.1
			eSg	51	21.52	
LIT	1.07	167	ePb	51	07.68	-0.7
			eSb	51	25.68	
SRS	1.08	91	ePb	51	08.68	0.3
			eSb	51	25.56	
OUR	1.60	120	ePb	51	17.04	0.5
PAIG	1.68	136	ePb	51	18.44	0.8
AGG	2.13	177	ePn	51	24.16	-0.1

S.D. = 0.6 on 10 of 10 obs.

% NOV 06, 1992 09h 53m 53.20± 0.92s
38.299 S ± 4.5km 176.036 E ± 5.5km
DEPTH = 212.6 ± 9.7 km
NORTH ISLAND, NEW ZEALAND (159)

UTU	0.17	45	eP	54	20.50	-0.6
PATZ	0.19	115	P	54	20.70	-0.5
WLZ	0.55	321	Pc	54	21.90	-0.1
			eS	54	40.80	
WHH	0.69	149	Pd	54	22.20	-0.7
URZ	0.85	88	Pc	54	22.30	-1.3
			eS	54	41.00	
NGZ	0.94	201	P	54	24.30	0.0
PAHZ	0.97	125	P	54	24.30	-0.1
CNZ	0.98	203	P	54	24.60	0.1
MOZ	0.99	258	P	54	24.80	0.3
MOH	1.20	134	P	54	26.40	0.5
TTH	1.39	154	P	54	28.10	0.8
WAHZ	1.42	170	P	54	28.30	0.6
KUZ	1.57	351	Pd	54	28.70	-0.2
NOZ	1.60	102	P	54	29.40	0.2
MAHZ	1.69	122	eP	54	30.70	0.6
BSZ	1.73	210	eP	54	30.90	0.6
HBZ	1.92	69	P	54	32.00	-0.2
PGZ	2.32	176	P	54	36.80	0.5
MNG	2.36	190	Pc	54	37.10	0.4
			eS	55	06.50	
KIW	2.70	198	P	54	40.60	0.1
WCZ	2.71	330	eP	54	41.70	1.1
MTW	2.89	188	P	54	42.50	-0.1
CAW	2.90	195	P	54	42.70	-0.1

DIW	2.99	213	P	54	43.90	0.1
BLW	3.10	188	P	54	44.90	-0.1
MRW	3.10	199	P	54	45.00	-0.1
WEL	3.14	198	eP	54	45.30	-0.2
MOW	3.18	191	P	54	45.70	-0.3
TCW	3.21	204	eP	54	46.30	-0.1
ORZ	3.70	226	eP	54	52.00	-0.3
KHZ	4.53	204	P	55	02.60	0.0
LTZ	5.32	211	P	55	11.70	-0.9

S.D. = 0.5 on 32 of 32 obs.

* NOV 06, 1992 09h 56m 36.85± 1.05s
32.624 N ± 9.9km 137.609 E ± 12.4km
DEPTH = 364.2 ± 11.5 km
4.2mb (6 obs.)

SOUTH OF HONSHU, JAPAN (211)

MAT	3.94	7	iPc	57	46.50	-0.1
			iS	58	39.50	
BJI	18.76	299	eP	00	31.50	-0.2
GUN	44.57	278	P	04	17.00	0.9
PKI	45.08	278	P	04	20.00	-0.1
KKN	45.11	278	P	04	20.80	0.5
GKN	45.58	279	P	04	24.30	0.4
WB2	52.36	184	iPc	05	14.80	0.0
	0.5s		2.20nm		3.7mb	
WRA	52.36	184	P	05	15.10	0.3
	0.9s		0.70nm		3.0mb	X
ASPA	56.09	184	eP	05	40.50	-1.0
	0.6s		3.70nm		4.0mb	
KAF	70.77	332	iP	07	15.10	-0.7
	0.7s		4.40nm		4.3mb	
NUR	72.34	331	eP	07	24.60	-0.4
	0.3s		2.50nm		4.4mb	
HFS	76.77	335	eP	07	49.20	-0.8
	0.4s		1.70nm		4.2mb	
NB2	77.00	336	P	07	50.80	-0.5
	0.7s		3.20nm		4.2mb	
LRM	79.50	42	eP	08	06.90	1.6

S.D. = 0.8 on 14 of 14 obs.

? NOV 06, 1992 10h 26m 09.87± 2.56s
6.511 S ± 19.8km 147.873 E ± 30.1km
DEPTH = 96.3 ± 12.6 km
4.3mb (2 obs.)

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

FINC	0.11	189	eP	26	25.00	0.2
LAT	0.88	260	eP	26	29.60	0.6
MDG	2.43	301	eP	26	47.90	-0.7
PMG	2.96	194	eP	26	55.00	-0.8
			eS	27	32.00	
WB2	18.73	223	iPc	30	24.00	0.0
	0.5s		10.00nm		4.4mb	
ASPA	21.71	217	eP	30	55.10	0.5
	0.5s		6.80nm		4.2mb	
			eS	34	58.30	

S.D. = 1.0 on 6 of 6 obs.

? NOV 06, 1992 10h 32m 29.37± 1.10s
39.604 N ± 16.6km 29.336 E ± 12.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST	0.55	270	iPg	32	40.50	0.1
ALT	0.81	132	ePg	32	45.20	0.0
			eSg	32	56.20	
KCT	0.99	311	ePg	32	48.00	-0.2
BNT	1.32	305	ePn	32	54.00	0.2

S.D. = 0.3 on 4 of 4 obs.

% NOV 06, 1992 10h 53m 23.78± 0.97s
33.759 S ± 12.6km 70.437 W ± 14.6km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.2 (SAN).

PCH	0.15	335	iP	53	38.23	0.0
			iS	53	48.93	
CHCH	0.25	226	iP	53	38.62	0.1
			iS	53	49.72	
TACH	0.43	284	iP+	53	39.36	0.0
			iS	53	51.26	
FCH	0.45	16	iP	53	39.77	-0.1
			iS	53	52.64	

LNV	0.83	256	iP+	53	42.56	-0.1
			iS	53	56.84	
ROCH	0.92	328	iP	53	43.69	-0.2
			iS	53	59.33	
LCCH	0.99	286	iP	53	44.47	0.1
			iS	53	59.87	
JACH	1.08	353	iP	53	45.68	0.2
			iS	54	02.08	

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

% NOV 06, 1992 10h 56m 48.05± 0.69s
44.542 N ± 5.6km 7.428 E ± 5.9km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.9 (GEN).

PZZ	0.24	261	P	56	53.22	0.0
			S	56	56.42	
STV	0.31	194	P	56	54.55	0.1
			S	56	58.94	
ENR	0.32	181	P	56	54.31	-0.3
			S	56	58.71	
BHB	0.32	339	P	56	54.73	0.0
			S	56	59.40	
ROB	0.40	128	P	56	56.38	0.1
			S	57	03.65	
FIN	0.65	120	P	57	00.82	-0.3
			S	57	10.46	
IMI	0.71	152	P	57	02.56	0.4
			S	57	13.15	

S.D. = 0.3 on 7 of 7 obs.

% NOV 06, 1992 11h 07m 17.69± 0.80s
39.585 N ± 8.9km 29.283 E ± 6.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

DST	0.51	273	iPg	07	28.00	0.0
ALT	0.83	129	ePg	07	33.80	0.0
			eSg	07	44.30	
KCT	0.97	313	iPn	07	35.60	-0.6
EYL	1.19	34	ePn	07	40.00	0.1
BNT	1.30	307	ePn	07	42.00	0.2
EDC	1.33	305	ePn	07	42.50	0.3

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

* NOV 06, 1992 11h 22m 15.87± 1.50s
5.518 S ± 10.4km 152.626 E ± 13.2km
DEPTH = 49.0 ± 17.0 km
4.5mb (2 obs.)
NEW BRITAIN REGION, P.N.G. (192)

RAB	1.39	341	iPd	22	39.00	-0.3
	0.6s		800.00nm			
PMG	6.66	234	eP	23	54.00	0.4
RMQ	21.18	190	eP	26	59.30	-0.1
DZM	21.20	142	iPc	27	00.50	0.8
BRS	21.75	180	iP	27	04.50	-0.7
MTN	22.42	250	eP	27	13.00	1.2
WB2	22.84	229	eP	27	15.50	-0.4
	0.6s		11.30nm		4.5mb	
ASPA	25.51	223	eP	27	40.60	-1.0
	0.6s		9.10nm		4.5mb	
GEC2	124.57	328	ePKP	41	11.80	0.1
	0.9s		1.06nm			
			e	41	22.90	

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

% NOV 06, 1992 11h 36m 19.96± 0.57s
31.335 S ± 8.1km 67.941 W ± 5.5km
DEPTH = 25.6 ± 7.4 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.37	223	iPc	36	27.70	-0.5
			S	36	33.30	
ZON	0.66	251	iPd	36	33.40	0.5
			eS	36	42.40	
RTCV	0.73	224	iPd	36	33.50	-0.5
RTCB	0.75	258	iPd	36	34.10	-0.3
RTBS	1.33	255	iPd	36	43.90	0.9
			eS	37	01.90	
RTPR	1.60	50	iPc	36	47.70	0.8
MRA	2.18	120	iPc	36	55.90	0.6
			S	37	22.60	
TCA	2.87	91	e(P)	37	04.80	-0.3
CYA	3.43	33	eP	37	12.00	-1.1

RFA 3.45 187 ePc 37 13.20 -0.3
i 37 22.20
S 38 08.50
S.D. = 0.8 on 10 of 10 obs.

NOV 06, 1992 11h 47m 42.97±0.28s
34.584 N ± 5.6km 79.921 E ± 5.5km
DEPTH = 12.2km (3 depth phases)
4.6mb (21 obs.)

KASHMIR-XIZANG BORDER REGION (304)

KSH 5.79 328 Pn 49 15.10 4.3X
0.5s 90.00nm 5.7mb X
Z 12s 1.85um

NDI 6.32 202 iPc 49 23.00 4.8X
0.7s 44.52nm 5.4mb

GKN 7.70 147 P 49 38.02 0.3

KKN 8.18 144 P 49 44.42 -0.1

DMN 8.25 146 P 49 45.62 0.1

GUN 8.38 141 P 49 47.96 0.6

PKI 8.43 145 P 49 47.70 -0.3

LSA 10.69 114 P 50 20.00 0.7

WMO 11.01 31 eP 50 27.60 4.3X

QUE 11.81 252 eP 50 34.80 0.5

SHL 13.70 128 eP 50 54.50 -5.1X
eS 55 18.00

MAIO 16.74 282 eP 51 39.00 0.2

POO 16.88 200 eP 51 40.00 -0.6

HYB 17.14 184 eP 51 42.50 -1.4
eS 54 27.00

LZH 19.57 79 eP 52 10.50 -3.3X
1.5s 40.00nm 4.5mb

CD2 20.37 94 eP 52 25.00 2.9

GBA 21.01 187 P 52 30.00 1.3

CHG 23.08 128 eP 52 48.20 -1.2

GYA 24.37 102 iPc 53 02.00 0.0
1.0s 12.00nm 4.5mb

NST 26.16 131 eP 53 06.80 17km

HFS 49.03 323 eP 56 32.00 0.8
0.4s 1.10nm 4.2mb

GEC2 49.91 308 eP 56 39.60 1.3
1.0s 3.82nm 4.3mb

NB2 50.25 324 P 56 40.60 -0.1
0.8s 6.80nm 4.7mb

GRF 51.37 309 eP 56 53.40 4.1X

PGF 54.55 301 eP 57 13.40 0.3
1.1s 6.60nm 4.6mb

BSF 54.63 308 eP 57 13.60 -0.1
0.8s 9.00nm 4.9mb

HAU 54.88 308 eP 57 15.40 0.0

SBF 55.27 303 eP 57 18.90 0.6
0.8s 11.95nm 5.0mb

LPG 55.27 305 eP 57 19.20 0.6
0.9s 8.20nm 4.8mb

LPL 55.28 305 eP 57 19.10 0.5
0.8s 9.25nm 4.9mb

SMF 56.89 307 eP 57 29.60 -0.3
0.7s 3.30nm 4.5mb

SSF 56.99 308 eP 57 30.10 -0.4

AVF 57.17 307 eP 57 31.50 -0.3
0.8s 4.05nm 4.5mb

MAF 57.86 307 eP 57 36.80 0.2
0.9s 4.90nm 4.5mb

RJF 58.85 306 eP 57 44.10 0.5

LDF 58.85 310 eP 57 43.10 -0.5
0.9s 6.20nm 4.7mb

GRR 59.38 310 eP 57 46.80 -0.4
0.9s 9.15nm 4.9mb

BCAO 64.07 257 iPc 58 19.20 0.0
1.6s 26.00nm 5.2mb

IMA 71.57 20 eP 58 22.20 10km
0.8s 2.07nm 4.3mb

FBA 74.08 19 eP 59 18.94 -1.3
0.6s 2.98nm 4.5mb

WRA 74.93 128 P 59 35.80 10.1X
0.8s 0.90nm

ASPA 77.33 131 eP 59 37.90 -1.3
0.9s 4.20nm 4.5mb

YKA 82.55 7 eP 00 04.10 -2.5
0.9s 6.00nm 4.7mb

LPB 146.21 294 PKP 07 26.80 2.1X
S.D. = 1.0 on 35 of 44 obs.

% NOV 06, 1992 12h 30m 26.05±2.78s
44.733 S ± 7.2km 165.992 E ± 23.7km
DEPTH = 33.0km (normal)
OFF W. COAST OF S. ISLAND, N.Z. (161)
ML 4.1 (WEL).

BCZ 1.82 135 P 30 55.20 -0.4
eS 31 10.60

TLC 2.23 103 P 31 01.50 -0.1

MMCZ 2.25 98 Pd 31 02.40 0.6

MHZ 2.36 99 Pd 31 03.90 0.5

CMCZ 2.37 101 eP 31 03.70 0.2
eS 31 24.20

LRCZ 2.41 99 Pd 31 04.60 0.5

LSCZ 2.43 100 P 31 04.60 0.2

LMZ 2.57 68 eP 31 07.00 0.8

SIZ 2.61 146 P 31 07.10 0.3

BWZ 2.79 87 P 31 09.70 0.5

TUZ 2.84 117 P 31 09.60 -0.5
eS 31 34.30

ODZ 3.32 97 P 31 16.00 -0.9

MOZ 4.90 80 eP 31 37.60 -1.6

DSZ 5.19 57 eP 31 43.40 0.0

THZ 5.85 62 eP 31 52.40 -0.5

QRZ 6.19 53 eP 31 57.60 0.0
S.D. = 0.7 on 16 of 16 obs.

? NOV 06, 1992 12h 33m 22.81±1.65s
19.119 N ± 12.7km 145.344 E ± 33.7km
DEPTH = 272.8 ± 17.1 km
4.6mb (4 obs.)
MARIANA ISLANDS (216)

NMCC 3.96 175 eP 34 28.00 0.3
eS 35 08.00

MAT 18.46 342 eP 37 20.00 -0.8

MTN 34.71 205 eP 39 48.00 -1.1
0.5s 45.00nm 5.3mb

ASPA 43.97 195 iPd 41 04.50 -0.6
0.5s 13.00nm 4.5mb

RMO 45.46 176 iPd 41 14.80 -2.0

DZM 45.84 152 iPc 41 17.20 -2.8X

8RS 46.79 171 iPd 41 28.00 0.8

M8L 47.18 213 iPc 41 20.10 -10.2X
0.4s 9.00nm

WARB 48.56 203 iPd 41 41.60 0.7
0.3s 9.00nm 4.6mb

NANU 50.64 216 iPd 41 58.40 1.7

YKA 77.78 28 eP 44 51.90 0.9
0.7s 1.50nm 3.8mb

S.D. = 1.5 on 9 of 11 obs.

? NOV 06, 1992 12h 47m 42.53±1.36s
3.681 S ± 18.4km 152.182 E ± 12.5km
DEPTH = 33.0km (normal)
3.9mb (1 obs.)
NEW IRELAND REGION, P.N.G. (190)

PMG 7.57 221 eP 49 34.00 0.7

HNR 9.60 127 e(P) 50 02.00 0.5

RMO 22.91 188 eP 52 43.70 -1.1

DZM 22.93 144 iPc 52 44.90 -0.1

ASPA 26.58 220 eP 53 15.70 -4.0X
0.6s 2.00nm 3.9mb

Z 23s 0.10um 3.3mszX

CHG 56.95 295 eP 57 44.00 16.5X

GUN 71.02 301 P 59 00.00 0.0
S.D. = 1.0 on 5 of 7 obs.

* NOV 06, 1992 12h 59m 07.13±2.79s
51.432 N ± 20.6km 16.004 E ± 15.6km
DEPTH = 10.0km (geophysicist)
POLAND (548)
MG 2.9 (WAR).

KSP 0.62 163 iPd 59 18.70 -0.9
0.4s 90.00nm

BRG 1.41 247 iPg 59 27.00 0.2
iS 59 33.00

PRU 1.72 213 Pn 59 37.50 0.3
0.3s 17.40nm

Pg 59 39.30

e 59 43.50

Sg 00 04.30

iPn 59 39.30 -0.3

iPg 59 41.80

eSg 00 08.00

iPnc 59 44.60 1.0

0.3s 10.00nm

eSn 00 15.80

OJC 2.69 115 eP 59 54.80 3.5X

iS 00 28.50

KHC 2.78 215 Pn 59 52.50 0.0

Pg 59 59.00

e 00 23.00

eSg 00 35.00

MOX 2.88 256 ePn 59 54.00 0.1

iPg 00 02.00

iSg 00 41.10

GEC2 2.98 211 Pn 59 55.00 -0.4

Pg 00 01.90

Sn 00 32.90

Sg 00 40.10

WET 3.04 222 ePn 59 56.00 -0.2

ZST 3.32 167 eP 00 47.70 47.6X

OGA 5.61 217 iPd 00 33.10 0.2

S.D. = 0.6 on 10 of 12 obs.

? NOV 06, 1992 14h 03m 49.77±5.63s
49.055 N ± 40.4km 6.853 E ± 11.9km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
ML 2.4 (STR).

LANF 0.63 96 Pg 04 10.78 8.3X

CDP 0.70 156 Pg 04 02.86 -0.8
Sg 04 14.34

WLS 0.72 153 Pg 04 03.54 -0.5

ECH 0.86 166 Pg 04 06.26 -0.2

Sg 04 19.84

VITF 1.02 215 Pg 04 08.64 -0.4

MOF 1.22 171 Pg 04 13.23 0.7

Sg 04 30.85

BSF 1.22 182 Pg 04 13.15 0.5

FEL 1.41 146 Pg 04 16.20 0.6

LOMF 1.70 181 Pg 04 23.08 3.3X
S.D. = 0.7 on 7 of 9 obs.

* NOV 06, 1992 14h 07m 26.05±1.07s
28.639 N ± 9.9km 139.903 E ± 16.4km
DEPTH = 348.2 ± 12.1 km
4.1mb (6 obs.)
BONIN ISLANDS REGION (212)

CHJJ 7.43 354 P 09 14.80 0.7

KAKJ 7.55 2 P 09 15.00 -0.5

MAT 8.01 350 (P) 09 21.00 0.0
0.3s 9.09nm 4.4mb

(S) 10 37.00

NIJJ 8.61 355 P 09 27.40 -0.8

YAMJ 9.51 1 eP 09 38.60 -0.4

eS 11 20.50

OFUJ 10.52 8 eP 09 52.20 1.1

eS 11 42.70

LZH 31.22 293 eP 13 15.00 -1.2
1.5s 19.00nm 4.2mb

CHG 38.59 265 eP 14 19.00 0.8

GUN 47.23 283 P 15 28.20 0.7

WB2 48.59 187 iPc 15 37.20 -0.2
0.3s 3.00nm 4.1mb

WRA 48.60 187 P 15 37.30 -0.1
0.6s 0.80nm 3.2mb

KAF 75.21 334 eP 18 32.00 -0.2

NUR 76.77 333 eP 18 41.00 0.2

HFS 81.21 336 eP 19 04.40 -0.1
0.3s 1.10nm 4.1mb

NB2 81.43 337 P 19 05.70 0.0
0.4s 0.70nm 3.8mb

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

* NOV 06, 1992 14h 47m 03.28s
34.004 N 116.748 W
DEPTH = 19.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.8 (PAS), 3.6 (GS).
Felt (III) at Borrego Springs,
Cobazon, Cherry Valley and
Morongo Valley. Felt (II) at
Rialto. Also felt in the Palm

06d 14h

Desert area.					
PEC	0.36	252	iPd	47	10.43 -0.6
PLM	0.66	188	eP	47	15.70 -0.4
SSK	0.81	285	ePc	47	18.07 -0.6
GSC	1.30	358	iPd	47	25.77 -0.6
GLA	1.86	120	ePn	47	33.47 -1.1
ISA	2.18	320	ePn	47	37.75 -1.4
			ePg	47	42.68
ABL	2.21	293	ePn	47	38.79 -1.0
BCH	2.99	294	ePn	47	49.48 -1.2
PKEM	3.44	308	(P)	47	57.06 0.1
PHAM	3.51	302	ePn	47	56.28 -1.7
MTUM	3.65	337	ePn	47	59.64 -0.6
			ePg	48	10.07
MRCM	3.93	339	ePn	48	03.82 -0.3
			ePg	48	16.27
MMPM	4.05	333	ePn	48	05.80 -0.1
			Lg	49	09.66
MEMM	4.06	335	ePn	48	06.46 0.7
			Lg	49	14.42
TNP	4.09	355	ePn	48	05.48 -0.9
			ePg	48	19.55
BONR	4.14	343	ePn	48	06.80 -0.4
ARUT	4.63	34	ePn	48	12.87 -1.2
CMB	4.99	325	ePn	48	17.47 -1.5
MSU	5.82	38	ePn	48	31.32 0.4
NTYM	6.48	314	eP	48	38.93 -1.0
20 obs. associated					
% NOV 06, 1992 14h 50m 54.66±0.88s 38.991 N ±10.6km 27.653 E ±18.2km DEPTH = 5.0km (geophysicist) TURKEY (366) MD 2.9 (ISK).					
I Z M	0.67	207	ePg	51	08.00 0.0
			eSg	51	16.00
DST	0.97	51	iPn	51	13.80 0.1
			eSg	51	30.00
EDC	1.36	7	ePn	51	21.00 0.7
KCT	1.37	23	iPn	51	20.00 -0.4
BNT	1.38	9	ePn	51	20.00 -0.5
S.D. = 0.7 on 5 of 5 obs.					
• NOV 06, 1992 15h 28m 46.17±0.97s 37.989 N ±15.3km 47.757 E ±13.1km DEPTH = 33.0km (normal) 4.1mb (2 obs.) NORTHWESTERN IRAN (345)					
TAB	1.13	274	iPc	29	06.90 1.0
KER	3.67	188	eP	29	54.00 11.9X
TEH	3.68	127	iPc	29	42.50 0.3
OBN	18.72	340	eP	33	04.50 0.5
			e	33	14.50
GEC2	26.80	305	eP	34	23.70 -1.3
	0.8s	1.28nm			3.6mb
			e	34	28.00
BCAO	42.73	226	ePc	36	41.50 -0.5
	1.0s	10.00nm			4.5mb
			ic	36	47.50
S.D. = 1.3 on 5 of 6 obs.					
• NOV 06, 1992 16h 54m 13.42±1.20s 15.000 N ± 5.5km 61.304 W ±22.7km DEPTH = 192.9 ± 13.8 km LEEWARD ISLANDS (92) MD 3.8 (TRN).					
FDF	0.30	151	iPd	54	39.53 -0.9
			S	54	58.20
BIM	0.53	155	iPd	54	40.29 -0.9
MVM	0.59	138	iPc	54	40.82 0.5
			S	55	00.70
MGG	0.91	359	ePc	54	42.40 0.3
SLW	1.04	160	eP	54	43.28 0.3
			eS	55	06.56
PAG	1.09	341	ePc	54	43.76 0.4
			S	55	08.00
DEG	1.33	10	eP	54	45.48 0.2
SEG	1.41	352	eP	54	46.30 0.4
SVV	1.67	177	eP	54	48.61 0.2
			eS	55	19.43
SVB	1.72	178	eP	54	49.15 0.3
			eS	55	19.73
MGH	1.92	333	ePc	54	51.20 0.2
			S	55	16.59
S.D. = 0.5 on 19 of 19 obs.					
NOV 06, 1992 16h 59m 43.90±1.48s 14.335 S ± 6.9km 167.735 E ± 9.1km DEPTH = 42.4 ± 11.8 km 4.9mb (14 abs.) 4.1MsZ (1 abs.) VANUATU ISLANDS (186)					
BKM	3.35	172	iP	00	37.00 1.9
			iS	01	20.00
DZM	7.79	189	iPc	01	35.00 -2.7
			iS	03	03.90
HNR	9.04	302	eP	01	54.00 -1.0
			eS	03	35.00
SVO	9.31	303	P	01	59.00 0.4

MAIO	8.27	285	eP	00	38.00	-0.8	8.406 S ± 11.5km	154.395 E ± 7.9km	MBL	16.29	207	iPc	07	02.60	-2.0	0.5s	18.00nm	4.7mb
	0.9s		8.53nm			4.9mb	DEPTH = 33.0km (normol)											
			eS	02	16.00		4.8mb (9 obs.)	4.1Msz (1 obs.)	KKM	17.02	318	eP	07	16.00	3.7X			
NDI	8.86	129	iPc	00	49.00	2.2	D'ENTRECASTEAUX ISLANDS REGION (194)											
FRU	9.24	25	iPd	00	52.00	0.0			PLP	17.90	351	ePd	07	21.50	0.3			
	1.6s		320.00nm			6.3mb X			ASPA	17.95	161	iPc	07	21.50	-0.2			
			iS	02	38.50													
ASH	9.55	294	eP	00	51.50	-4.8X												
			S	02	39.00													
AAA	10.52	32	eP	01	09.50	-0.1												
			eS	03	06.00													
PRZ	10.61	39	eP	01	11.00	-0.1												
	1.2s		180.00nm			6.2mb X												
GKN	14.56	112	P	02	03.18	-0.6												
DMN	15.12	113	P	02	10.50	-0.6												
KKN	15.16	112	P	02	10.80	-0.8												
PKI	15.37	112	P	02	13.50	-1.0												
GUN	15.56	111	P	02	16.46	-0.5												
POO	16.42	165	iP	02	34.50	6.8X												
BRVK	18.53	2	iPd	02	50.00	-3.7X												
	1.0s		19.00nm			4.2mb												
Z	16s		0.67um			4.7Msz												
N	18s		0.44um															
E	14s		0.18um															
			eS	06	07.00													
HYB	18.91	152	eP	02	58.30	-0.3												
			eS	06	28.00													
SHL	21.38	109	iP	03	28.00	2.9X												
	0.9s		31.09nm			4.7mb												
			eS	07	19.00													
ELT	22.21	27	eP	03	32.10	-0.8												
	1.3s		122.00nm			5.2mb												
			eS	07	36.00													
PYA	22.40	303	eP	03	32.00	-3.0X												
SVE	23.07	348	ePc	03	42.50	1.1												
Z	11s		1.00um			4.5MszX												
N	11s		0.60um															
E	11s		0.40um															
ARU	23.09	345	eP	03	43.00	1.5												
	1.3s		70.00nm			5.0mb												
			e	03	47.00													
			e	03	59.00													
			e	04	24.00													
LZH	28.07	77	eP	04	37.50	8.8X												
	2.0s		20.00nm			4.5mb												
ZAK	29.28	47	eP	04	42.00	2.8X												
	1.0s		15.00nm			4.7mb												
CHG	30.55	113	eP	04	56.00	5.1X												
NRI	36.44	11	eP	05	41.00	-0.1												
	1.3s		22.00nm			4.9mb												
BOD	37.80	38	eP	05	52.00	-0.7												
	1.2s		26.00nm			5.0mb												
KAF	38.60	329	eP	05	58.50	-0.9												
	0.6s		2.80nm			4.2mb												
NUR	38.69	326	eP	05	59.70	-0.5												
	0.8s		7.20nm			4.5mb												
IPM	41.80	128	ePd	06	31.10	4.8X												
HFS	43.83	323	eP	06	40.50	-1.9												
	0.4s		1.30nm			4.0mb												
NB2	45.19	324	P	06	51.60	-1.7												
	0.9s		3.60nm			4.3mb												
YAK	46.34	35	iPc	07	02.80	0.5												
	0.8s		110.00nm			5.9mb X												
TIK	48.08	22	iP	07	11.00	-4.9X												
	1.0s		10.00nm			4.8mb												
MAT	54.92	67	eP	07	56.00	-11.9X												
BCAO	55.74	249	iPc	08	15.00	0.9												
	1.1s		28.00nm			5.2mb												
			ic	08	20.10													
			id	08	55.90													
MBC	69.35	2	eP	09	45.00	1.2												
	0.8s		4.00nm			4.5mb												
FBA	76.71	15	eP	10	29.70	2.5												
	0.9s		1.10nm			3.9mb												
WRA	82.09	121	P	10	49.00	-7.8X												
	0.7s		0.20nm			3.3mb X												
WRA	82.09	121	P	11	04.40	7.6X												
	0.7s		0.80nm			3.9mb												
WB2	82.10	121	eP	10	57.50	0.6												
	0.4s		1.60nm			4.4mb												
YKA	83.26	2	eP	11	03.20	1.1												
	1.0s		1.60nm			4.1mb												
ASPA	84.23	124	eP	11	12.90	5.2X												
	1.0s		4.00nm			4.5mb												
			S.D. = 1.2	on	26	of	41	obs.										
* NOV 06, 1992 17h 59m 34.46± 0.78s																		

SVO	5.41	98	eP	00	54.00	-0.9												
			eS	02	12.00													
HNR	5.58	101	eP	00	55.00	-2.3												
			eS	02	14.00													
FINC	6.72	285	eP	01	18.00	4.6X												
PMG	7.22	262	eP	01	20.00	-0.4												
LAT	7.53	283	iPd	01	22.50	-2.3												
YYYY	8.63	284	eP	01	39.10	-1.2												
MDG	9.11	290	eP	01	47.20	0.5												
DZM	17.86	141	iPc	03	44.10	1.8												
RMQ	18.77	196	iPc	03	54.60	1.3												
	0.5s		36.00nm			4.8mb												
			ipP	04	03.50													
BRS	18.95	184	iPc	03	55.00	-0.5												
OLP	20.49	207	eP	04	12.50	0.2												
	0.5s		26.00nm			4.8mb												
ARMA	22.05	186	eP	04	34.60	6.3X												
	1.0s		43.00nm			4.8mb												
WB2	22.53	237	iPc	04	32.90	-0.1												
	0.5s		9.00nm			4.5mb												
WRA	22.54	237	P	04	22.20	-10.9X												
	0.6s		0.30nm															
SWI	24.23	287	ePd	04	55.00	5.5X												
CMS	24.31	198	eP	04	50.30	0.1												
	0.6s		5.00nm			4.2mb												
ASPA	24.81	230	eP	04	54.60	-0.5												
	0.5s		11.20nm			4.7mb												
Z	21s		0.60um			4.1Msz												
			eS	09	02.90													
STK	26.22	205	eP	05	07.90	-0.3												
	0.5s		1.40nm			3.8mb												
NST	58.82	294	eP	09	34.50	2.0												
BJI	59.75	327	eP	10	02.50	24.0X												
KMI	60.32	305	eP	09	48.50	5.5X												
LZH	64.91	316	P	10	19.00	5.7X												

06d 19h									
BSF	115.37	320	ePKP	21	36.60	-0.2			
	0.9s		9.15nm						
PGF	115.45	314	ePKP	21	37.20	0.1			
	0.9s		6.70nm						
LPL	116.16	318	ePKP	21	38.80	0.3			
	0.6s		4.35nm						
LBF	117.46	320	ePKP	21	40.90	0.2			
	0.7s		3.00nm						
SSF	117.73	320	ePKP	21	41.60	0.4			
	0.8s		8.60nm						
AVF	117.93	320	ePKP	21	41.50	0.0			
	0.7s		3.00nm						
BGF	118.34	320	ePKP	21	43.00	0.7			
	0.6s		7.75nm						
TCF	118.85	320	ePKP	21	43.80	0.4			
	0.7s		5.30nm						
CAF	119.46	318	ePKP	21	45.40	0.8			
LPO	120.13	318	ePKP	21	46.70	0.9			
	0.7s		5.30nm						
LPF	120.15	323	ePKP	21	46.20	0.5			
	0.7s		6.15nm						
MFF	120.22	321	ePKP	21	46.30	0.4			
	0.7s		6.40nm						
JAO	129.31	18	ePdiff	19	02.50	10.9X			
LPB	152.18	146	PKP	22	47.00	2.4X			
S.D. = 0.9 on 66 of 71 obs.									
NOV 06, 1992 19h 08m 09.25±0.19s									
38.160 N ± 2.9km 26.998 E ± 1.9km									
DEPTH = 17.2km (32 depth phases)									
5.7mb (131 obs.) 6.0Msz (45 obs.)									
AEGEAN SEA (365)									
ML 5.7 (ATH), 5.3 (THE). Some									
damage in the Doganbey area,									
Turkey. Felt strongly at Izmir,									
Turkey.									
FAULT PLANE SOLUTION: P-Waves									
NP1:Strike=135 Dip=80 Slip= 0									
NP2: 225 90 190									
Principal Axes:									
T P1g= 7 Azm=360									
P 7 90									
Comment: The focal mechanism is									
moderately well controlled and									
corresponds to strike-slip									
faulting with a small reverse									
component. The preferred fault									
plane is not determined.									
RADIATED ENERGY									
No. of sta: 7 Focal mech. F									
Energy 1.3±0.2*10**14 Nm									
MOMENT TENSOR SOLUTION									
Dep 35 No. of sta: 8									
Moment Tensor; Scale 10**18 Nm									
Mrr= 0.14 Mtt= 1.40									
Mff=-1.54 Mrt= 0.09									
Mrf=-0.03 Mtf=-0.61									
Principal axes:									
T Val= 1.52 P1g= 4 Azm= 11									
N 0.14 86 185									
P -1.66 0 281									
Best Double Couple:Mo=1.6*10**18									
NP1:Strike= 56 Dip=87 Slip= 178									
NP2: 146 88 3									
CENTROID, MOMENT TENSOR (HRV)									
Data Used: GDSN									
L.P.B.: 40S, 97C M.W.: 28S, 48C									
Centroid Location:									
Origin Time 19:08:13.2 0.2									
Lat 37.84N 0.01 Lon 26.98E 0.02									
Dep 24.5 1.1 Half-duration 2.9									
Moment Tensor; Scale 10**18 Nm									
Mrr=-0.42 0.01 Mtt= 1.46 0.02									
Mff=-1.03 0.01 Mrt= 0.24 0.05									
Mrf= 0.12 0.04 Mtf=-0.59 0.01									
Principal Axes:									
T Val= 1.61 P1g= 6 Azm= 12									
N -0.41 76 258									
P -1.20 13 104									
Best Double Couple:Mo=1.4*10**18									
NP1:Strike=147 Dip=77 Slip= -5									
NP2: 238 85 -167									
I2M	0.32	41	iPg	08	15.00	-1.1			
PRK	1.22	333	ePn	08	30.80	-0.7			
E2N	1.74	343	ePn	08	37.80	-1.1			
DST	1.92	41	iPn	08	40.50	-1.1			
KHL	2.00	85	iPn	08	41.60	-1.1			
EDC	2.29	17	iPn	08	46.00	-0.7			
BNT	2.31	18	iPn	08	44.90	-2.2			
ALT	2.60	69	iPn	08	50.40	-0.9			
ATH	2.60	267	iPnd	08	49.00				

MNS	11.72	296	P	10	56.80	-1.9	OGA	14.62	312	eP	11	36.50	-0.8	DIX	16.52	305	iPd	12	03.60	1.8
RIY	11.83	311	eP	10	59.70	-0.4				i	11	39.00		RRL	16.55	300	P	12	04.85	2.6
LPD	11.84	261	P	10	53.15	-7.1X	KHC	14.63	323	Pc	11	38.50	1.4	SLE	16.57	311	iPc	12	02.60	0.5
LVV	11.85	351	iP+	11	00.00	-0.2		1.1s	343.00nm			5.8mb		MOX	16.59	324	eP	12	03.60	1.2
ARV	11.90	301	P	10	57.90	-3.2X				e	11	45.80			2.0s	1846.00nm			5.9mb	
ASS	11.95	299	P	10	59.60	-2.1				e	11	50.00			15s	37.00um				
CEY	12.03	313	eP	11	03.80	1.0	WAR	14.69	345	P	11	40.00	2.2		N	18s	100.00um			
SPC	12.05	338	eP	11	03.30	0.1				e	12	50.00			E	18s	94.00um			
			i	11	24.60					S	14	28.00					eS	15	10.00	
			i	11	43.80		SQTA	14.70	313	eP	11	36.90	-1.3	KER	16.66	97	ePc	12	06.00	2.5
			i	13	30.80					i	11	39.30		BNI	16.66	301	P	12	06.10	2.6
LJU	12.14	314	eP	11	04.80	0.5				i	11	40.20		LPG	16.75	302	eP	12	04.10	-0.7
			e	14	36.00					i	11	48.50			1.2s	849.70nm			5.8mb	
			eS	13	16.00		BOB	14.71	302	P	11	40.27	2.0	LPL	16.77	302	eP	12	04.30	-0.7
ZST	12.35	327	eP	11	05.30	-1.7	KSP	14.78	333	iPc	11	41.10	2.0		1.3s	609.40nm			5.6mb	
			i	11	07.60			2.0s	558.00nm			5.7mb		EMS	16.83	304	Pd	12	06.40	0.8
			i	11	25.30					e	15	36.00		SHE	16.90	75	iPc+	12	10.00	3.6X
			i	13	59.00					i	16	18.00			1.5s	150.00nm			4.9mb	
			e	14	40.80		PRU	14.81	327	P	11	40.50	1.1		Z	12s	65.00um			6.2Msz
			LR	18	00.00			2.2s	674.00nm			5.7mb			N	12s	130.00um			
			e	25	15.40			Z	12s	57.80um					E	12s	110.00um			
RSM	12.40	302	P	11	12.30	4.7X											iS	15	22.00	
TRI	12.40	312	e(Pn)	11	06.30	-1.4								BRNL	17.15	331	eP	12	11.00	1.6
			e(RRPg)	12	07.50					i	11	48.20					eS	15	31.00	
			e	13	00.80					e	13	17.00		BRN	17.20	330	eP	12	13.00	3.0X
			e(Sn)	13	24.00					S	14	36.00		HOFF	17.46	314	P	12	16.46	3.2X
			e	14	31.00		MDI	14.92	306	P	11	40.40	-0.5	CDF	17.59	312	eP	12	16.30	1.2
			e	14	54.60		WET	14.97	322	iPc	11	42.50	0.9		1.7s	882.25nm			5.6mb	
			e(RRSg)	14	58.50					iS	14	44.50		BSF	17.62	310	eP	12	14.90	-0.5
			e	15	07.40		AKUR	15.05	159	eP	11	38.00	-4.7X		1.8s	856.25nm			5.6mb	
VOY	12.50	313	eP	11	07.20	-2.0	OSS	15.06	310	iPc	11	44.40	1.4	BAK	17.87	76	iPd	12	22.00	3.6X
			e	11	09.50		GRO	15.07	64	iPd-	11	47.50	4.6X		N	15s	133.80um			
			e	11	12.50			2.0s	480.00nm			5.5mb		TNS	17.90	318	iPc	12	21.40	2.6
CRE	12.62	300	P	11	08.50	-2.3		N	14s	92.00um			HAU	17.96	310	eP	12	20.20	0.6	
VKA	12.74	326	eP	11	13.50	1.3		E	12s	75.00um				1.1s	268.60nm			5.3mb		
SFI	12.79	302	P	11	13.90	0.9	AAHD	15.19	159	P	11	39.00	-5.5X		Z	21s	26.00um			
RBL	12.92	314	P	11	14.80	0.1	FUR	15.19	316	eP	11	47.20	2.7X	OBN	18.15	18	ePc	12	19.20	-2.6
OJC	13.11	339	eP	11	18.30	1.2		Z	12s	109.00um				1.5s	3400.00nm			6.3mb		
	Z	16s	93.60um							i	11	55.80			Z	13s	49.40um			
			i	11	30.10		TAB	15.22	84	eP	11	47.00	1.9		N	12s	32.50um			
			iS	14	18.00		PCP	15.24	301	P	11	46.59	1.4		E	13s	26.00um			
KIV	13.17	59	eP	11	19.24	1.1	AGMR	15.33	160	eP	11	45.00	-1.3				eS	15	33.00	
			eS	13	41.70		FIN	15.37	299	P	11	47.64	0.8	ESEL	18.80	282	iPd	12	30.24	0.2
VRAC	13.43	329	iPnc	11	22.50	1.2	VDL	15.38	308	Pd	11	49.00	1.8	BSD	18.83	338	iPc	12	32.00	1.9
	2.4s	1048.30nm			6.4mb		CKI	15.39	300	P	11	46.40	-0.6		0.9s	109.00nm			5.1mb	
			e	11	35.70		IMI	15.51	298	P	11	50.11	1.4	WLF	18.85	314	P	12	32.00	1.6
			e	14	18.40		VAI	15.56	305	P	11	50.10	0.9	ETER	18.87	290	eP	12	29.12	-1.7
			e	15	43.10		TMA	15.59	306	iPd	11	49.20	-0.7	BNS	18.99	319	ePd	12	32.60	0.5
			e	16	33.20		ROB	15.63	299	P	11	51.85	1.6		3.1s	2460.00nm			5.9mb X	
PYA	13.45	59	iP	11	25.00	3.3X	BRG	15.72	328	iPc	11	51.80	0.5		Z	14s	45.20um			
	2.0s	330.00nm			6.0mb			2.3s	1400.00nm			5.8mb					iPc	12	34.60	
FVI	13.46	313	P	11	22.00	0.3				iS	14	40.00		SMF	19.04	304	eP	12	31.00	-1.8
RAC	13.48	335	eP	11	25.00	3.0X	MNK	15.75	1	eP	11	55.00	3.4X		1.2s	416.55nm			5.5mb	
	Z	12s	90.00um					1.0s	1320.00nm			6.1mb	LBF	19.06	305	eP	12	32.20	-0.9	
			e(S)	14	07.00			Z	12s	48.50um				1.7s	785.20nm			5.7mb		
KMR	13.63	321	iP+	11	25.80	1.9		N	12s	39.60um							eS	14	52.00	
PII	13.63	299	P	11	24.80	0.8	SBF	15.82	297	eP	11	51.50	-1.2	LOR	19.23	306	eP	12	33.30	-1.8
MME	13.67	301	P	11	27.00	2.2		1.6s	2009.95nm			6.0mb			1.6s	743.80nm			5.7mb	
BDI	13.69	301	P	11	25.40	0.5	LLS	15.84	309	P	11	54.20	1.1		Z	19s	12.00um			
ERE	13.73	76	iP	11	27.00	1.5	ENR	15.92	299	P	11	57.35	3.3X	KLL	19.27	317	eP	12	37.70	2.1
	2.0s	80.00nm			5.2mb		ORO	15.98	304	P	11	54.40	-0.4	SSF	19.39	305	eP	12	35.10	-1.9
CTI	13.84	310	P	11	24.40	-2.5	ORX	15.99	304	P	11	57.71	2.8X		1.1s	282.30nm			5.4mb	
CGL	13.87	280	P	11	27.45	0.1				S	12	01.52		AVF	19.40	304	eP	12	35.30	-1.9
BHG	14.06	317	eP	11	32.20	2.5	STV	15.99	299	P	11	58.08	3.1X		1.4s	826.00nm			5.8mb	
MTA	14.11	70	iP	11	32.00	1.7	DOI	16.12	299	P	11	57.88	1.3	MEM	19.41	317	iPc	12	39.05	1.8
	0.8s	40.00nm			5.2mb		GRF	16.15	321	ePc	11	57.40	0.6	ENN	19.54	317	eP	12	40.00	1.3
	Z	14s	33.00um		6.8MszX			1.2s	697.00nm			5.7mb		1.1s	250.00nm			5.4mb		
	N	14s	51.00um					Z	18s	50.00um			TEH	19.63	90	eP	12	31.00	-9.0X	
	E	14s	39.50um							e	12	04.80		BGF	19.67	303	eP	12	38.70	-1.5
SAL	14.33	306	P	11	31.40	-1.9				ic	12	06.80			1.3s	1065.75nm			6.0mb	
GEC2	14.37	322	ePnd	11	35.70	1.9				eS	15	12.30		MAF	19.76	302	eP	12	39.90	-1.2
	0.9s	15.81nm			4.6mb X		MMK	16.15	305	ePc	11	58.90	1.8		1.9s	1155.50nm			5.9mb	
			ed	11	40.30		BHB	16.20	301	P	11	59.18	1.6	WTS	19.77	321	eP	12	43.00	1.9
			e	11	44.60		PZZ	16.22	299	P	11	59.73	1.9		1.8s	953.00nm			5.8mb	
			e	11	47.00		FRF	16.30	296	eP	11	57.80	-1.0	CAF	19.80	298	eP	12	40.50	-1.2
			e	11	52.00			1.3s	664.30nm			5.6mb			1.6s	350.75nm			5.4mb	
			e	11	54.90		RSP	16.30	302	P	12	02.84	3.9X	DOU	19.94	314	P	12	43.70	0.8
			e	11	56.90		LMR	16.35	295	eP	11	57.80	-1.6		1.0s	161.10nm			5.3mb	
			e	12	01.20			1.7s	699.95nm			5.5mb					S	16	27.00	
			e	12	06.40		CLL	16.44	328	iPc	12	01.90	1.4	TCF	20.02	302	eP	12	42.30	-1.6
PGF	14.40	293	eP	11	32.90	-1.4		2.3s	1400.00nm			5.7mb			1.5s	660.20nm			5.7mb	
	1.5s	793.90nm			6.1mb					eS	15	18.00		COP	20.08	335	iPd+	12	45.40	1.0
WTTA	14.48	314	ePc	11	35.10	-0.3	LSD	16.47	303	P										

BUL	58.01	178	iPc	17 46.50	-17.0X					E	19s	7.60um			
			iPd	17 53.20	22km	Z	20s	8.13um	6.0Msz			e	(S)	20 17.10 23km	
CIR	59.01	175	iPd	18 10.00	-0.4	N	20s	8.33um				eSS	34 56.00		
			iPp	18 16.30	21km	E	20s	6.56um				eSSS	38 21.00		
LZH	59.59	66	ePc	18 14.35	-0.2			pP	19 25.00 11km	KGM	78.01	97 eP	20 10.00	1.5	
	1.5s		30.00nm		5.2mb			S	28 32.00	ULM	78.64	327 eP	20 13.50	2.1	
OTO	61.85	59	P	18 30.00	0.2	SNY	70.05	52 iPc	19 25.00 3.0X	TTA	79.23	1 eP	20 16.72	2.2	
	1.2s		19.00nm		5.1mb			1.4s	120.00nm		1.3s	59.10nm		5.5mb	
	N 15s		5.15um			Z	16s	9.75um	6.1MsZ			epP	20 21.38	15km	
	E 13s		3.72um			N	15s	4.89um				eP	20 30.00	13.4X	
			pP	18 38.00	26km	E	14s	6.42um		CEH	79.53	307 P	20 30.00	6.0Msz	
CD2	61.99	71	eP	18 29.80	-1.0			S	28 30.00		Z 19s	7.31um			
	1.3s		220.00nm		6.2mb	CN2	70.09	50 P	19 22.20 -0.1	NAV	79.67	309 (P)	20 18.10	0.7	
	Z 20s		7.97um		5.9Msz			1.2s	59.00nm	PDCR	79.69	245 eP	20 20.40	2.7X	
	N 15s		5.02um			Z	18s	9.59um	6.1Msz	KLU	80.53	357 eP	20 24.18	2.7	
			S	26 57.00		N	13s	5.25um		PMR	80.55	358 (P)	20 21.84	0.4	
YAK	62.57	31	eP	18 33.00	-1.1			1.73um			1.3s	175.85nm		5.9mb	
	2.0s		214.00nm		6.0mb			epP	19 31.00 28kmX		Z 19s	5.60um		5.9Msz	
	Z 19s		9.90um		6.0Msz			eS	28 36.00	BALM	80.77	355 eP	20 23.59	0.7	
	N 18s		4.40um			DL2	70.42	56 eP	19 29.30 5.0X	CRP	80.92	360 (P)	20 23.20	-0.5	
	E 17s		8.60um					6.77um	5.9Msz			e	20 29.12	19km	
			i	19 10.00	156kmX			4.94um		SPU	81.01	360 eP	20 24.76	0.8	
			e	22 30.00		BRW	70.81	1 (P)	19 28.83 2.7X	SVW	81.06	1 eP	20 25.98	1.7	
HHC	62.77	58	Pd	18 36.10	0.2			eS	28 36.00		0.9s	96.39nm		5.8mb	
	1.0s		38.00nm		5.5mb	HRV	70.88	309 P	19 39.03 11.9X	JFWS	81.24	319 eP	20 31.22	17km	
	Z 24s		13.50um		6.0MszX			9.67um	6.1Msz		0.9s	53.74nm		-0.5	
	N 13s		4.01um					S	28 52.83		Z 18s	8.97um		5.6mb	
	E 16s		6.48um			RSNY	71.49	312 eP	19 30.50 -0.3	LHS	81.51	307 eP	20 26.07	-1.0	
			S	27 08.00				0.9s	28.48nm		SLKM	81.66	359 eP	20 29.98	2.6
SLR	63.57	179	iPc	18 38.80	-2.4	CER	71.52	187 e(P)	19 32.00 1.1	MAT	82.24	49 eP	20 34.00	3.1X	
	1.0s		25.00nm		5.3mb			1.0s	15.00nm		1.2s	37.50nm		5.3mb	
	Z 20s		8.87um		5.9Msz	FCC	71.76	332 eP	19 39.00 6.9X		Z 20s	4.96um		5.9Msz	
MBC	63.88	352	ePd	18 42.00	-0.6	MGD	71.77	26 eP	19 38.00 5.8X			eS	30 49.00		
	1.0s		19.00nm		5.2mb			2.0s	500.00nm	TKL	82.57	310 eP	20 34.24	1.7	
KMI	64.16	77	eP	18 43.32	-2.1</										

06d 19h

BMW	91.62	340	e	21	22.74	13km
			(P)	21	15.90	-0.6
VGB	91.80	338	epP	21	22.47	20km
HVU	92.39	331	eP	21	21.49	4.2X
			eP	21	20.26	0.0
DAU	92.97	329	eP	21	25.98	18km
			eP	21	23.31	0.2
DUG	93.77	330	eP	21	28.91	17km
	0.9s	9.73nm	eP	21	26.38	-0.2
			epP	21	32.07	18km
SRU	93.77	328	ePd	21	32.07	18km
			eP	21	25.44	-1.2
MSU	94.96	329	eP	21	31.17	18km
			eP	21	31.86	-0.4
ALQ	95.43	323	eP	21	38.22	20km
	1.0s	12.55nm	eP	21	34.10	-0.3
	22s	12.54um				5.3mb
L8FM	95.93	337	eP	21	37.18	0.6
			epP	21	42.88	18km
LGPM	96.61	337	(P)	21	39.99	0.4
KVN	96.74	333	(P)	21	43.86	3.6X
WDC	96.83	337	P	21	50.00	9.6X
	19s	7.01um				6.2msz
ORV	97.43	336	(P)	21	45.36	2.2
BONR	97.79	333	eP	21	45.64	0.5
			epP	21	52.00	20km
CMB	98.44	335	P	22	00.00	12.2X
	20s	5.70um				6.1msz
TUC	99.62	325	(P)	21	53.52	0.2
	1.1s	16.04nm				5.5mb
	21s	10.28um				6.3msz
ISA	99.89	332	eP	21	58.89	17km
	1.1s	22.31nm				5.6mb
	21s	4.85um				6.0msz
A8L	100.89	332	ePd	22	01.02	19km
			eP	22	00.94	2.0
LPB	103.96	260	ePd	22	05.51	6.8X
WRA	115.45	96	PKP	26	49.30	-2.8X
	0.5s	0.70nm				
W82	115.46	96	iPKP	26	51.40	-0.7
	0.6s	3.70nm				
ASPA	117.11	100	ePKP	26	57.10	1.9
	1.0s	9.00nm				
HON	120.65	5	PKP	27	00.20	8.1X
	20s	3.28um				6.0msz
STK	127.05	104	iPKP	27	16.30	2.3X
	1.0s	3.50nm				
SPA	127.97	180	ePKP	27	13.90	-0.9
	1.0s	7.50nm				
	18s	4.31um				6.2msz
DZM	141.76	77	iPKP	27	45.80	3.8X
						S.D. = 1.3 on 359 of 477 obs.
NOV 06, 1992 19h 20m 22.10 ± 0.42s						
38.130 N ± 5.0km 26.477 E ± 4.2km						
DEPTH = 10.0km (geophysicist)						
3.6mb (1 obs.)						
AEGEAN SEA (365)						
ML 3.5 (THE).						
PRK	1.13	352	ePb	20	42.70	-0.5
ATH	2.18	267	ePn	20	58.20	-0.8
ALN	2.78	353	ePn	21	11.26	3.8X
			eSn	21	45.54	
PAIG	2.82	310	ePn	21	08.50	0.5
			eSn	21	40.78	
NPS	2.95	194	ePn	21	11.00	1.2
VLI	3.15	245	ePn	21	12.50	-0.2
BCK	3.33	100	ePn	21	14.00	-1.3
AGG	3.37	287	ePn	21	16.54	0.7
			eSn	21	53.74	
ISK	3.55	33	ePn	21	16.90	-1.4
KDZ	3.61	347	iP	21	24.00	4.8X
SOH	3.61	319	ePn	21	19.42	0.1
LIT	3.67	304	ePn	21	19.46	-0.7
			eSn	22	01.70	
GPA	3.68	53	ePn	21	22.00	1.8
THE	3.69	314	ePn	21	20.38	0.0
SRS	3.72	324	ePn	21	20.90	0.0
			eSn	22	03.94	
RZN	3.80	340	iP	21	27.00	4.8X
DMK	3.82	15	ePn	21	14.70	-7.5X

MMB	4.05	329	iP	21	31.00	5.5X
KNT	4.10	319	ePn	21	26.02	-0.1
PLD	4.20	342	iP	21	32.00	4.5X
GRG	4.23	313	ePn	21	27.70	-0.4
JMB	4.33	1	eP	21	36.00	6.5X
VAY	4.38	318	iPn	21	36.70	6.5X
KKB	4.55	326	iP	21	39.00	6.4X
PGB	4.75	339	iP	21	40.00	4.5X
VTB	5.11	332	iP	21	47.00	6.4X
SKO	5.45	316	iPn	21	52.00	6.7X
PSN	5.70	13	eP	21	50.00	1.3
PPCY	5.73	123	eP	21	49.50	0.3
			eS	22	50.40	
CSS	6.36	118	eP	21	57.20	-1.0
			eS	23	02.20	
KAS	6.48	58	eP	22	14.00	14.0X
GEC2	14.14	323	eP	23	50.90	6.3X
	0.6s	0.70nm				3.6mb
			e	23	58.50	
MAIO	26.28	84	eP	26	00.00	0.5
KIC	42.44	230	P	28	26.60	7.8X
LIC	42.72	230	P	28	29.00	7.9X
S.D. = 0.9 on 19 of 35 obs.						
NOV 06, 1992 19h 22m 10.58 ± 0.54s						
37.823 N ± 8.5km 26.753 E ± 7.7km						
DEPTH = 10.0km (geophysicist)						
3.9mb (4 obs.)						
DOECANESE ISLANDS (369)						
ML 4.1 (THE).						
BNT	2.69	19	ePn	22	55.30	0.7
ALN	3.12	350	ePn	23	00.94	0.3
			eSn	23	38.78	
PAIG	3.19	312	ePn	23	02.18	0.5
			eSn	23	41.54	
AGG	3.67	290	ePn	23	10.30	1.6
SOH	3.99	320	ePn	23	12.58	-0.5
LIT	4.03	306	ePn	23	13.74	0.1
THE	4.06	315	ePn	23	13.78	-0.3
			eSn	24	02.30	
SRS	4.10	324	ePn	23	13.90	-0.7
KNT	4.47	319	ePn	23	19.50	-0.4
			eSn	24	10.90	
GRG	4.60	314	ePn	23	21.94	0.2
			eSn	24	14.98	
PPCY	5.38	121	eP	23	36.90	4.1X
			eS	24	38.60	
SKO	5.82	317	iPn	23	38.50	-0.5
CSS	6.02	116	eP	23	43.50	1.6
			eS	24	51.00	
HRI	8.62	119	eP	24	07.30	-11.0X
YTIR	9.44	131	eP	24	28.20	-1.5
SAGI	10.02	137	eP	24	37.50	-0.2
GEC2	14.52	323	ePn	25	44.70	6.7X
	0.7s	2.02nm				3.8mb
			e	25	48.70	
			e	25	52.80	
CLL	16.63	329	e(P)	26	15.00	9.9X
MOX	16.75	325	eP	26	12.60	5.9X
	1.6s	21.00nm				4.0mb
HFS	23.83	344	eP	27	23.90	-0.4
	0.5s	1.60nm				3.9mb
N82	25.21	342	P	27	37.20	-0.4
	0.9s	12.20nm				4.6mb
GBA	50.91	104	P	31	20.00	6.0X
S.D. = 0.9 on 16 of 22 obs.						
NOV 06, 1992 19h 28m 58.98 ± 1.95s						
38.367 N ± 18.4km 26.729 E ± 10.2km						
DEPTH = 10.0km (geophysicist)						
AEGEAN SEA (365)						
MD 3.8 (ISK).						
EZN	1.49	348	ePn	29	28.00	2.2
EDC	2.16	24	ePn	29	36.00	0.5
KHL	2.20	90	ePn	29	36.00	-0.1
KCT	2.26	33	ePn	29	37.00	0.0
			eSg	30	01.00	
ALN	2.58	348	eP	29	41.00	-0.5
ALT	2.73	74	ePn	29	44.00	0.2
KDZ	3.43	343	iP	29	53.00	-0.5
DMK	3.54	13	ePn	29	53.70	-1.4
RZN	3.66	336	iP	29	57.00	0.0
PLD	4.04	338	iP	30	02.00	-0.2
KK8	4.47	322	iP	30	08.00	-0.4
VTB	5.00	329	iP	30	16.00	0.0

S.D. = 0.9 on 12 of 12 obs.						
* NOV 06, 1992 19h 30m 53.31± 2.25s						
35.029 S ±21.5km 70.826 W ±14.9km						
DEPTH = 110.0km (geophysicist)						
CHILE-ARGENTINA BORDER REGION (127)						
MD 3.7 (SAN).						
CHCH	1.10	8	iPd	31	15.90	0.0
			iS	31	32.26	
LVN	1.17	336	iPd	31	16.67	0.0
			iS	31	33.85	
TACH	1.38	356	iPd	31	18.89	-0.1
			iS	31	37.65	
PCH	1.43	11	iP+	31	19.97	0.2
			iS	31	39.20	
LCCH	1.67	338	iPd	31	22.67	0.1
			iS	31	43.72	
FCH	1.75	15	iP	31	23.98	0.0
			iS	31	46.13	
PEL	1.88	4	iP	31	24.98	-0.4
			iS	31	48.40	
RFA	1.96	83	iPc	31	26.30	0.0
ROCH	2.06	356	iP	31	27.54	-0.2
			iS	31	53.13	
JACH	2.35	5	iP	31	31.85	0.4
			iS	31	58.92	
S.D. = 0.3 on 10 of 10 obs.						
% NOV 06, 1992 19h 44m 26.24± 2.16s						
38.266 N ±17.6km 27.304 E ±15.1km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
DST	1.69	37	ePn	44	56.00	0.0
			eSg	45	17.00	
EZN	1.73	334	ePn	44	58.00	1.5
EDC	2.12	12	ePn	45	02.00	-0.2
BNT	2.14	13	iPn	45	02.90	0.4
KCT	2.14	22	iPn	45	02.90	0.4
			eSg	45	26.90	
ALT	2.33	69	ePn	45	05.00	-0.4
BCK	2.72	106	ePn	45	11.00	0.1
ALN	2.80	340	ePc	45	10.00	-1.9
S.D. = 1.1 on 8 of 8 obs.						
? NOV 06, 1992 19h 48m 17.13± 3.00s						
38.274 N ±24.6km 27.199 E ±16.7km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.8 (ISK).						
EZN	1.69	337	ePn	48	48.00	1.2
DST	1.73	40	ePn	48	48.00	0.5
			eSg	49	09.00	
KHL	1.83	88	ePn	48	49.00	0.1
EDC	2.13	14	ePn	48	54.00	0.8
BNT	2.15	15	ePn	48	53.90	0.4
KCT	2.17	24	ePn	48	52.90	-0.9
			eSg	49	18.00	
ALN	2.77	342	ePc	49	01.10	-1.2
S.D. = 1.0 on 7 of 7 obs.						
NOV 06, 1992 20h 05m 58.86± 0.23s						
38.030 N ± 3.2km 27.065 E ± 2.5km						
DEPTH = 10.0km (geophysicist)						
4.5mb (43 obs.)						
TURKEY (366)						
ML 4.7 (ATH), 4.2 (THE), MD 4.4 (ISK).						
PRK	1.36	333	ePn	06	23.50	-0.4
DST	1.99	37	iPn	06	34.00	1.0
EDC	2.40	15	iPn	06	39.00	0.3
BNT	2.42	16	iPn	06	37.90	-1.1
			eSg	07	01.90	
KCT	2.43	24	ePn	06	38.90	-0.4
ALT	2.60	66	ePn	06	43.40	1.7
ATH	2.65	270	ePn	06	41.80	-0.5
BCK	2.85	100	iPn	06	48.10	2.8X
ALN	2.97	345	iPnc	06	46.89	0.0
			eSn	07	18.48	
NPS	3.00	203	ePn	06	47.00	-0.3
PAIG	3.25	307	iPnc	06	50.44	-0.4
			eSn	07	27.41	
GBZT	3.32	33	ePn	06	53.80	2.0
			iSg	07	47.40	

GPA	3.38	47	ePn	06 50.40	-2.4	SPC	12.19	338	eP	08 58.30	2.7	MAF	19.87	302	eP	10 32.70	-0.3
ISK	3.40	26	ePn	06 54.60	1.6	LJU	12.27	315	eP	08 55.50	-1.0		1.1s	15.65nm			4.2mb
ISK	3.40	26	iPn	06 50.90	-2.1				e(S)	13 43.50		DOU	20.07	314	P	10 34.00	-0.9
			eSg	07 24.90		ZST	12.49	328	eP	08 57.50	-1.8	TCF	20.13	302	eP	10 35.10	-0.6
EYL	3.49	42	ePn	06 54.90	0.6	VOY	12.63	313	eP	09 01.10	-0.3		1.2s	22.30nm			4.4mb
VLI	3.54	250	ePn	06 54.00	-1.0	CRE	12.73	301	P	09 03.20	0.4	RJF	20.37	299	eP	10 37.10	-1.1
DMK	3.82	8	iPn	06 58.20	-0.8	SFI	12.91	302	P	09 07.57	2.6		1.2s	17.55nm			4.3mb
KDZ	3.83	341	iPc	06 59.00	-0.2	OJC	13.25	339	eP	09 08.90	-0.5	SNF	20.44	315	P	10 40.60	1.8
AGG	3.84	286	iPnd	06 59.10	-0.3	VRAC	13.57	330	eP	09 23.90	10.3X	WIT	20.47	323	eP	10 45.00	-4.1X
			eSn	07 41.56			1.2s	73.20nm				UCC	20.54	316	P	10 43.00	3.2X
SOH	4.00	315	ePnc	07 01.50	-0.1	ERE	13.71	76	iP	09 20.00	4.2X	LSF	20.58	302	eP	10 39.70	-0.6
			eSn	07 47.62		CTI	13.96	310	P	09 16.80	-2.2		0.8s	8.35nm			4.1mb
RZN	4.08	334	iPc	07 03.00	0.3	PGF	14.50	294	eP	09 24.90	-1.2	EROO	20.75	286	eP	10 44.50	2.3
SRS	4.09	320	ePnc	07 02.08	-0.6		0.9s	16.70nm			4.7mb	LFF	20.84	298	eP	10 41.90	-1.1
			eSn	07 44.44		GEC2	14.50	322	ePn	09 27.00	0.9		1.1s	21.50nm			4.4mb
THE	4.11	311	iPnc	07 03.02	0.1		0.8s	1.05nm			3.5mb	EGRA	21.31	290	eP	10 43.00	-4.8X
			eSn	07 49.48					e	09 33.30		MFF	21.78	302	eP	10 51.50	-1.1
LIT	4.12	302	ePnd	07 02.60	-0.6				e	09 40.40			1.2s	41.35nm			4.7mb
			eSn	07 48.86		WTTA	14.61	314	ePc	09 31.40	3.9X	ECHE	21.87	283	eP	10 56.20	2.6
DIM	4.18	344	iPc	07 04.00	-0.1		1.3s	31.00nm			4.7mb	LDF	22.31	307	eP	10 57.10	-0.7
KNT	4.49	315	ePnc	07 08.44	0.0				i	09 34.20		FLN	22.59	307	eP	11 00.00	-0.6
			eSn	07 58.94		KHC	14.76	323	P	09 36.20	6.8X		0.9s	17.35nm			4.5mb
GRG	4.64	310	iPnd	07 10.93	0.2		1.0s	19.60nm			4.6mb	ETOR	22.62	286	eP	11 03.50	2.4
			eSn	08 02.94					e	09 38.00		GRR	22.72	306	eP	11 01.40	-0.4
KZN	4.70	301	ePn	07 11.50	-0.1	KSP	14.92	333	eP	09 30.30	-1.1		1.0s	32.40nm			4.8mb
VAY	4.78	315	iPn	07 12.50	-0.1	PRU	14.94	327	eP	09 31.00	-0.7	LPF	22.73	305	eP	11 00.40	-1.6
VLS	5.11	274	ePn	07 20.00	2.7				e	10 24.50			1.1s	35.40nm			4.8mb
PPCY	5.29	125	eP	07 20.10	0.3	WET	15.11	322	iPd	09 40.10	6.2X	ECRI	22.95	291	eP	11 07.00	2.7
IGT	5.47	288	iPn	07 23.16	0.8	TAB	15.18	84	eP	09 40.00	4.9X	EVIA	23.16	281	eP	11 07.50	1.1
SKO	5.84	314	iPn	07 27.80	0.2	FUR	15.32	316	eP	09 43.70	7.0X	HFS	23.70	343	eP	11 09.80	-1.5
			i	08 02.20		BRG	15.86	328	eP	09 48.40	4.8X		0.4s	1.40nm			3.9mb
			i	08 24.80			1.2s	23.00nm			4.2mb	TOL	24.21	284	eP	11 20.00	3.5X
			i	08 35.00					i	09 51.00		GUD	24.22	286	eP	11 19.00	2.3
			i	09 05.00		MNK	15.88	1	eP	09 52.00	8.2X	EBAN	24.23	280	eP	11 18.80	2.1
CSS	5.90	119	eP	07 29.60	1.1	SBF	15.92	298	eP	09 43.90	-0.7	ASH	24.60	80	eP	11 23.00	2.7
			eS	08 37.00			0.8s	34.00nm			4.6mb	NB2	25.09	342	P	11 25.00	0.2
KAS	6.15	55	eP	07 31.00	-1.0	LLS	15.97	309	Pd	09 47.00	1.8		0.9s	9.40nm			4.5mb
ISR	7.11	357	ePc	07 47.00	1.5	ORO	16.10	304	P	09 50.60	3.7X	EHOR	25.42	280	eP	11 30.50	2.4
CFR	7.20	6	ePc	07 45.00	-1.6	GRF	16.28	321	ePc	09 53.10	4.0X	EPLA	25.74	285	eP	11 35.00	3.9X
MTUR	7.34	349	eP	07 44.00	-4.8X				i	09 55.40		MAIO	25.83	84	iPd	11 34.00	1.9
CMP	7.39	349	ePd	07 49.00	-0.4	FRF	16.41	296	eP	09 50.00	-0.7	EMON	26.49	293	eP	11 41.50	3.5X
MLR	7.50	354	iPc	07 51.00	0.0		0.9s	22.30nm			4.3mb	EVAL	26.64	280	eP	11 43.00	3.6X
COZ	7.56	345	ePc	07 35.50	-16.4X	CLL	16.58	328	eP	09 52.00	-0.8	EKA	26.70	320	P	11 41.00	1.3
KVT	7.58	64	ePn	08 14.30	22.2X		2.0s	41.00nm			4.2mb		0.9s	8.50nm			4.4mb
VRI	7.84	358	ePc	07 54.50	-1.1	LRG	16.59	296	eP	09 52.30	-0.6	BRVK	33.23	49	(P)	12 41.00	3.1X
TNR	7.90	346	ePc	08 44.00	47.6X		1.4s	64.05nm			4.6mb	BCAO	34.33	195	iPc	12 47.90	0.1
GZR	8.02	338	iPc	07 56.00	-2.3	ZLA	16.62	311	ePc	09 55.20	1.8		0.9s	27.00nm			5.2mb
BRT	8.14	294	Pd	07 59.10	-0.8	DIX	16.64	305	ePd	09 55.60	1.7			id	18 13.00		
ADI	8.28	124	eP	08 01.20	-0.7	SLE	16.69	312	Pd	09 54.80	0.5	FRU	36.13	67	eP	13 06.00	3.0X
DEV	8.44	340	ePc	08 03.50	-0.4	MOX	16.72	324	eP	09 57.70	3.1X		2.0s	50.00nm			5.0mb
TDS	8.53	284	P	08 04.50	-0.8		1.9s	97.00nm			4.6mb	KSH	37.81	72	eP	13 18.00	0.8
SOI	8.69	274	P	08 05.90	-1.6	BNI	16.78	301	P	09 59.00	3.5X	TIC	42.68	231	P	13 57.00	-0.5
SHMJ	8.86	124	P+	08 09.10	-0.7	LPG	16.87	303	eP	09 59.70	2.9X	KIC	42.73	231	P	13 57.50	-0.4
HLW	8.89	155	eP	08 10.00	-0.3		1.1s	38.85nm			4.4mb	LIC	43.01	231	P	14 00.00	-0.2
			eS	09 37.00		LPL	16.88	303	eP	09 59.80	2.9X	WMO	45.28	63	eP	14 17.00	-1.4
KOT	8.99	153	ePn	08 09.50	-2.2		1.0s	27.60nm			4.3mb		1.0s	14.00nm			4.9mb
KIS	9.08	8	iPc+	08 12.00	-0.8	EMS	16.94	305	ePc	09 58.70	1.1	GKN	48.63	84	P	14 45.60	0.6
	1.0s	300.00nm			6.6mb X	CDF	17.72	312	eP	10 08.30	1.1	DMN	49.18	84	P	14 50.40	1.1
JVI	9.12	129	eP	08 12.40	-1.1		1.2s	18.15nm			4.1mb	KKK	49.23	84	P	14 51.00	1.3
MGR	9.19	287	Pc	08 13.70	-0.8	BSF	17.74	310	eP	10 07.70	0.2	PKI	49.43	84	P	14 52.40	1.0
JARJ	9.29	126	Pd	08 14.80	-1.0		1.0s	10.40nm			3.9mb	GUN	49.64	83	P	14 53.80	0.8
KFNJ	9.37	128	P	08 16.00	-0.8	HAU	18.08	310	eP	10 12.80	1.1	BOD	57.34	39	eP	15 48.20	-0.9
SGO	9.46	289	P	08 17.20	-0.9		0.9s	15.40nm			4.1mb		1.0s	10.00nm			4.8mb
MASJ	9.49	129	P	08 17.30	-1.3	OBN	18.26	18	eP	10 13.50	-0.2	CD2	61.98	71	eP	16 21.80	0.3
MKRJ	9.56	130	P	08 19.20	-0.4		1.5s	70.00nm			4.6mb	HHC	62.80	58	P	16 27.00	0.1
HVAR	9.57	306	iPc	09 17.00	57.4X		Z	16s	1.50um		5.9Msz		1.2s	8.10nm			4.8mb
LISJ	9.69	132	Pd	08 25.20	4.0X		N	12s	1.20um								
MNO	9.77	273	P	08 21.20	-1.4		E	15s	0.90um								
DUI	10.35	294	P	08 29.00	-1.5	ESEL	18.88	283	eP	10 24.00	2.5	XAN	64.23	66	eP	16 37.60	1.3
MBH	10.49	139	eP	08 30.10	-2.2	WLF	18.97	314	P	10 25.00	2.5	CHG	64.58	85	eP	16 39.30	0.6
RFI	10.60	292	P	08 32.70	-1.1	MOS	19.09	18	eP	10 24.00	0.1	TIY	64.90	61	eP	16 42.00	1.4
UZD	10.61	326	e(P)	08 32.00	-1.8	SMF	19.15	304	eP	10 23.70	-1.1	YKA	75.18	343	eP	17 42.70	-0.1
MCT	10.63	272	P	08 36.00	1.6		1.1s	29.05nm			4.4mb		0.7s	1.90nm			4.2mb
SDI	10.82	294	P	08 36.90	0.0	LBF	19.17	305	eP	10 24.10	-1.0	IMA	76.23	0	(P)	17 49.67	0.9
UZH	11.15	343	eP	08 45.00	3.8X		1.0s	22.20nm			4.4mb		1.2s	7.07nm			4.6mb
	1.1s	28.00nm			5.5mb X	LOR	19.35	306	eP	10 27.10	-0.1						
	Z	14s	2.40um		5.6Msz		0.8s	9.25nm			4.1mb						
	N	14s	2.40um			SSF	19.50	305	eP	10 27.70	-1.3						
AQU	11.30	297	P	08 44.30	0.8		0.9s	13.75nm			4.2mb						
ZAG	11.33	317	eP	08 45.00	1.2	AVF	19.52	304	eP	10 27.90	-1.2						
PTJ	11.40	317	iP	08 44.50	-0.3		1.1s	21.75nm			4.3mb	FIN	0.14	21	P	12 00.58	0.2
VBY	11.55	314	ePnc	08 46.20	-0.5	ENN	19.67	317	eP	10 33.00	2.2						
MNS	11.83	296	P	08 52.40	1.9		0.9s	8.00nm			4.0mb	IMI	0.25	227	P	12 01.96	-0.4
RIY	11.96	312	e(P)	08 51.80	-0.4	BGF	19.78	303	eP	10 30.20	-1.8						
ARV	12.02	301	P	08 50.30</													

06d 20h

ENR 0.54 286 P 12 05.57 0.0
 PCP 0.55 32 P 12 08.14 0.0
 STV 0.61 286 P 12 10.42 1.0
 S 12 15.41
 S.D. = 0.8 on 6 of 6 obs.

NOV 06, 1992 20h 24m 02.49±0.50s
 36.707 N ± 5.2km 116.336 W ± 5.4km
 DEPTH = 5.0km (geophysicist)
 CALIFORNIA-NEVADA BORDER REGION (40)
 ML 2.7 (GS). Felt at Beatty and
 in the Lathrop Wells area,
 Nevada.

GSC 1.45 195 eP 24 28.77 -0.7
 TNP 1.54 333 ePn 24 30.61 -0.3
 MTUM 1.90 291 eP 24 36.34 0.4
 MRCM 1.98 300 ePn 24 37.26 0.0
 eP 24 39.74
 eS 25 06.65

BONR 2.00 309 ePn 24 37.73 0.1
 eP 24 39.97
 eS 25 07.37

ISA 2.02 240 ePn 24 36.92 -0.7
 eS 25 07.57

MEMM 2.29 296 ePn 24 43.93 2.5X
 MMPM 2.33 294 eP 24 42.90 0.5
 eS 25 17.32

ARUT 2.55 64 ePn 24 44.26 -1.1
 eP 24 50.58

KVN 2.72 330 eP 24 53.31 5.4X
 SSK 2.73 204 (Pn) 24 54.10 6.2X
 eS 25 29.73

PEC 2.89 194 (P) 24 50.48 0.4
 PLM 3.37 187 (Pn) 24 55.12 -2.0X
 eS 25 49.16

CMB 3.49 294 eP 25 06.30 7.7X
 Lg 25 52.12

MSU 3.76 60 ePn 25 03.51 0.8
 eP 25 13.68

GLA 3.85 161 (Pn) 25 04.55 0.8
 S.D. = 0.7 on 11 of 16 obs.

* NOV 06, 1992 20h 31m 20.71±2.72s
 38.512 N ± 21.9km 27.007 E ± 16.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.5 (ISK).

EZN 1.41 338 ePn 31 45.80 -0.6
 DST 1.67 49 ePn 31 50.00 -0.2
 eSg 32 11.00

EDC 1.95 20 ePn 31 55.00 0.8
 BNT 1.97 21 ePn 31 55.80 1.3
 KHL 1.99 95 ePn 31 55.60 0.8

KCT 2.03 31 ePn 31 53.90 -1.4
 eSg 32 17.00

ALT 2.49 76 ePn 32 01.00 -1.0
 ALN 2.49 343 ePd 32 02.10 0.2
 S.D. = 1.1 on 8 of 8 obs.

? NOV 06, 1992 20h 33m 22.84±3.81s
 38.251 N ± 26.8km 26.769 E ± 23.3km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ISK).

EZN 1.61 348 ePn 33 51.00 -0.3
 DST 1.98 46 ePn 33 56.00 -0.8

KHL 2.17 87 ePn 34 00.00 0.4
 EDC 2.26 22 ePn 34 01.00 0.2

BNT 2.28 23 ePn 34 00.90 -0.3
 KCT 2.34 31 ePn 34 03.00 1.0
 eSg 34 26.00

ALT 2.74 72 ePn 34 07.00 -0.7
 S.D. = 0.8 on 7 of 7 obs.

NOV 06, 1992 20h 51m 37.89±0.20s
 11.456 S ± 3.8km 75.140 W ± 4.8km
 DEPTH = 14.3km (8 depth phases)
 5.3mb (48 obs.) 4.8Msz (3 obs.)
 CENTRAL PERU (116)

LPB 8.49 127 P 53 41.00 -2.8

PSO 12.75 350 eP 54 41.00 -0.9
 BOG 16.01 4 eP 55 26.00 1.4
 eS 00 44.00

RTPR 20.39 158 e(P)c 56 16.30 -0.7
 SDV 20.70 13 iPc 56 20.00 -0.5

RTLL 20.72 164 e(P) 56 20.50 0.0
 RTBS 20.78 166 e(P)d 56 22.70 1.7

CFA 21.04 163 e(P) 56 23.00 -0.8
 RTCV 21.20 164 iPc 56 25.70 0.3

TOV 21.76 14 iPc 56 31.00 -0.2
 PEL 21.97 170 ePd 56 33.00 -0.1
 1.2s 250.00nm 5.5mb

TCA 22.06 155 iPc 56 33.00 -1.1
 MRA 22.59 159 e(P) 56 41.00 1.8

OLLA 22.89 22 iP 56 42.80 0.4
 MORO 23.20 17 iP 56 45.40 0.0

RFA 23.99 166 ePd 56 53.60 0.6
 TPP 25.55 33 eP 57 09.07 1.1

TCE 25.72 32 eP 57 10.98 1.4
 TRN 25.86 32 eP 57 13.03 2.2

BAO 26.71 102 e(P) 57 15.00 -3.9X
 e 57 17.30 8km
 e 57 24.00
 e 57 32.30
 e 57 37.20
 e 57 44.10
 e 57 46.90
 e 57 58.70
 e 58 23.50
 e 58 36.90
 e 59 19.80
 e 03 36.00
 e 04 05.00
 e 04 10.20
 e 04 18.70
 e 04 28.90
 e 04 53.70
 e 04 58.10
 e 05 05.30
 e 05 09.00
 e 05 15.20
 e 05 19.70

GRW 27.01 30 eP 57 20.19 -1.4
 MGP 30.34 15 P 57 51.00 -0.4

PORP 30.50 16 P 57 52.30 -0.5
 CLLP 30.54 16 P 57 52.60 -0.6

CPD 30.69 17 P 57 53.30 -1.2
 SJG 30.69 17 iP 57 53.80 -0.8

LPR 30.96 17 P 57 55.70 -1.2
 PDCR 35.23 96 eP 58 32.20 -1.9

III 38.14 321 (P) 59 01.00 2.2
 PPM 38.16 322 (P) 59 02.00 2.7

TPM 38.35 322 (P) 59 03.00 2.5
 MRX 40.21 320 (P) 59 18.50 2.7

HBV 44.42 354 eP 59 49.76 -0.2
 e 00 01.90 44kmX
 SGS 44.69 354 eP 59 51.92 -0.2

i 00 04.11 44kmX
 PRM 45.80 352 eP 00 00.10 -0.9
 TKL 47.56 350 eP 00 11.86 -3.0X
 i 00 27.61 61kmX

NAV 48.80 354 eP 00 23.82 -0.7
 MIAR 48.98 340 eP 00 25.61 -0.3

0.8s 53.09nm 5.6mb
 OLY 49.19 342 ePc 00 25.89 -1.6

LNO 50.99 338 eP 00 40.40 -0.7
 TUL 50.99 338 eP 00 40.50 -0.7

0.8s 97.40nm 5.8mb
 FNO 51.02 336 iPc 00 40.60 -0.9

FVM 51.22 345 ePc 00 41.27 -1.7
 0.8s 98.96nm 5.8mb

OCO 51.28 337 iPc 00 42.50 -1.0
 ACO 52.96 336 iPd 00 55.20 -1.0

ALO 54.86 329 eP 01 09.32 -1.1
 1.1s 28.08nm 5.2mb

TUC 55.27 323 eP 01 12.80 -0.5
 1.3s 23.27nm 5.1mb

RSNY 55.74 1 eP 01 15.08 -1.2
 1.0s 16.58nm 5.0mb

LMN 57.80 9 ePc 01 33.30 2.4
 EEO 57.94 357 eP 01 33.00 1.1

pP 01 43.00 33kmX
 GOL 58.13 333 eP 01 32.61 -1.1

1.3s 34.29nm 5.2mb
 CBM 58.46 6 eP 01 35.66 0.1

SRU 60.14 329 eP 01 46.36 -1.2
 PEC 60.25 320 eP 01 53.82 5.6X

MSU 0.5s 2.07nm 4.5mb
 60.56 327 eP 01 50.09 -0.4
 i 02 12.86 90kmX

ARUT 60.72 326 ePc 01 51.50 0.0
 EMUT 60.82 329 eP 01 51.50 -0.7

GSC 60.95 322 eP 01 52.69 -0.3
 RSSD 61.23 337 ePc 01 54.45 -0.5

0.8s 19.00nm 5.3mb
 DAU 61.49 329 iP 01 56.52 -0.4

DUG 62.13 328 ePc 02 00.80 -0.2
 0.8s 28.75nm 5.5mb

ABL 62.16 320 (P) 02 01.06 -0.4
 ISA 62.22 321 eP 02 01.45 -0.1

0.9s 13.57nm 5.1mb
 TNP 63.06 324 ePc 02 06.38 16km
 0.8s 14.67nm 5.2mb

HVU 63.28 329 eP 02 07.35 -1.2
 MTUM 63.37 322 eP 02 09.18 -0.2

BONR 63.61 323 ePd 02 11.36 0.3
 MEMM 63.80 322 eP 02 12.50 0.6

MMPM 63.82 322 ePc 02 12.45 0.0
 ULM 64.07 345 iPc 02 14.50 1.1

CMB 64.92 322 eP 02 18.67 -0.5
 1.0s 11.76nm 5.0mb

JAQ 65.00 360 ePc 02 17.10 -2.3
 ARN 65.19 321 eP 02 21.14 0.2

LRM 66.16 332 eP 02 26.70 -0.6
 ORV 66.55 322 ePc 02 30.04 0.4

LBFM 67.92 324 eP 02 38.00 -0.5
 e 02 42.93 16km

LGPM 68.20 323 eP 02 39.44 -0.7
 KMPM 68.67 322 eP 02 43.34 0.3

FHC 68.82 322 ePc 02 44.62 0.7
 0.8s 41.24nm 5.7mb

SES 69.11 336 iPc 02 45.00 -0.5
 0.7s 72.00nm 6.0mb

pP 02 50.00 16km
 VGB 70.02 328 eP 02 51.39 0.2

DPW 70.35 331 eP 02 53.14 0.0
 SHW 71.24 327 (P) 03 03.43 4.8X

LON 71.38 328 ePc 02 58.93 -0.5
 FCC 71.65 350 ePc 03 02.50 1.8

RMW 71.85 329 ePc 03 01.44 -0.8
 LIC 71.92 80 P 03 01.20 -2.0

BMW 71.94 327 eP 03 02.43 -0.4
 TIC 72.03 79 P 03 02.20 -1.7

KIC 72.23 79 Pc 03 02.90 -2.2
 PGC 73.46 329 eP 03 12.50 1.0

ANTZ 74.50 56 iP 03 18.50 0.4
 i 03 20.00 5km

TIO 77.51 55 iPd 03 37.00 1.8
 AVE 78.27 52 iP 03 40.50 1.4

YKA 79.83 343 eP 03 46.20 -0.8
 0.6s 19.80nm 5.3mb

IFR 80.13 53 iP 03 51.00 1.5
 EVAL 80.39 49 iPd 03 52.00 1.5

STS 81.23 43 eP 03 55.20 0.4
 EHOR 81.58 49 iPc 03 57.50 0.7

EPLA 81.81 46 iPd 03 59.00 1.0
 ELUQ 82.21 49 eP 04 02.00 1.9

EMON 82.27 43 eP 04 01.00 0.7
 ECOG 82.64 50 iPc 04 03.50 1.1

EBAN 82.78 49 iPd 04 04.20 1.1
 TOL 83.20 47 iP 04 04.00 -1.2

1.2s 46.88nm 5.5mb
 GUD 83.40 46 iPc 04 07.00 0.7

EHUE 83.55 49 iPd 04 07.50 0.4
 EVIA 83.89 49 iPc 04 10.00 1.2

ETOR 84.95 47 iPd 04 15.50 1.4
 ECR1 85.24 45 eP 04 17.00 1.6

ECHE 85.33 48 eP 04 17.00 1.1
 EPF 87.36 45 eP 04 26.20 0.4

1.3s 16.25nm 5.1mb
 LPF 88.05 40 iPc 04 28.50 -0.4

1.0s 23.40nm 5.5mb
 MFF 88.16 42 iPc 04 29.40 -0.1

1.0s 16.80nm 5.3mb
 LFF 88.23 44 iPc 04 29.70 -0.1

1.2s 30.35nm 5.5mb
 GRR 88.28 40 iPc 04 29.70 -0.3

1.0s 14.40nm 5.2mb
 LPO 88.45 44 eP 04 30.80 -0.2

1.3s 21.30nm 5.3mb
 FLN 88.64 40 iPc 04 31.60 -0.2

1.3s 31.75nm 5.5mb
 Z 20s 0.15um 4.4Msz

88.81	40	iPc	04	32.30	-0.3	GTA	151.80	8	ePKP	11	27.70	0.2	ALT	2.47	71	ePn	20	55.90	1.2	
1.0s	19.60nm			5.4mb					sPKP	11	34.00		ELL	2.70	124	ePn	20	39.00	-0.1	
RJF	88.86	43	eP	04	32.50	-0.4	TIA	152.97	338	ePKP	11	29.60	0.5	ALN	2.73	343	eP	20	39.30	-0.1
1.4s	32.65nm			5.4mb		TIY	152.99	347	ePKP	11	26.80	-2.4X	BCK	2.87	106	ePn	20	41.00	-0.5	
Z	23s	0.15um		4.3mszX		Z	22s	0.77um				5.5msz	ISK	3.15	28	ePn	20	46.00	0.7	
CAF	89.12	44	eP	04	33.80	-0.4	GBA	153.15	83	PKP	11	30.00	0.1	EYL	3.27	45	ePn	20	45.60	-1.6
1.2s	21.40nm			5.3mb		GKN	154.90	46	PKP	11	31.80	-0.4	KDZ	3.60	339	iPc	20	52.00	0.2	
LSF	89.15	42	iPc	04	33.80	-0.5	LZH	155.46	2	ePKP	11	33.40	0.7	RZN	3.86	332	iPc	20	56.00	0.4
1.4s	34.85nm			5.4mb		DMN	155.47	46	PKP	11	33.50	0.4	JMB	4.19	355	iP	21	00.00	-0.1	
TCF	89.62	43	iPc	04	35.90	-0.6	KKN	155.48	46	PKP	11	33.00	0.0	VAY	4.63	312	ePn	21	06.30	0.0
1.2s	19.65nm			5.2mb		PKI	155.71	46	PKP	11	33.80	0.3	S.D. = 1.0 on 16 of 16 obs.							
MAF	89.83	43	iPc	04	37.00	-0.5	GUN	155.82	45	PKP	11	34.00	0.3	NOV	06, 1992	21h	20m	52.94±1.51s		
1.1s	21.50nm			5.3mb		XAN	157.22	351	PKPd	11	35.20	0.3	5.187 S ± 8.3km				152.516 E ± 11.7km			
AVF	90.52	42	iPc	04	39.90	-0.7	LSA	157.81	33	PKP	11	37.40	1.1	DEPTH = 56.3 ± 13.0 km						
1.1s	16.35nm			5.2mb		CD2	160.61	3	ePKP	11	39.20	0.4	4.6mb (6 obs.)							
SSF	90.69	42	eP	04	40.70	-0.7	GYA	164.98	354	ePKP	11	44.40	1.1	NEW BRITAIN REGION, P.N.G.				(192)		
1.2s	16.35nm			5.2mb		CHG	170.72	37	ePKP	11	47.00	-0.2								
SMF	90.80	43	iPc	04	41.50	-0.4	S.D. = 1.0 on 164 of 179 obs.													
1.1s	21.75nm			5.4mb		NOV	06, 1992	21h	04m	37.24±1.26s			RAB	1.05	340	iPc+	21	11.00	-0.7	
LOR	90.98	42	iPc	04	42.10	-0.7	38.527 N ± 9.7km			27.176 E ± 13.6km			PMG	6.77	231	eP	22	33.00	1.0	
1.1s	12.20nm			5.1mb		DEPTH = 10.0km (geophysicist)														
Z	21s	0.30um		4.7msz		TURKEY							QIS	19.77	218	eP	25	20.30	-1.0	
LBF	90.98	42	eP	04	42.00	-0.8	MD 3.6 (ISK).						RMQ	21.49	189	eP	25	37.80	-1.1	
1.1s	6.60nm			4.9mb									0.5s	10.00nm				4.4mb		
KLU	91.05	333	ePc	04	41.45	-1.4	IZM	0.15	152	ePg	04	41.00	0.3	DZM	21.53	143	iPc	25	41.10	1.7
MBC	91.34	350	ePc	04	44.00	0.2	EZN	1.46	333	ePn	05	03.80	0.3	MTN	22.44	249	eP	25	50.00	1.7
0.7s	8.00nm			5.2mb		DST	1.56	46	iPn	05	03.90	-1.2	WB2	22.97	229	iPc	25	53.50	-0.1	
LRG	91.70	46	iPc	04	46.20	0.1							0.5s	18.10nm				4.8mb		
1.3s	16.95nm			5.3mb		KHL	1.85	96	ePn	05	09.00	-0.4	WRA	22.98	229	P	25	54.00	0.4	
Z	17s	0.43um		4.9mszX		EDC	1.89	16	ePn	05	09.00	-0.9	0.7s	4.30nm				4.0mb		
LMR	91.78	46	iPc	04	46.50	0.0	BNT	1.92	17	ePn	05	10.80	0.6	MBL	35.45	240	eP	27	44.00	-2.0
1.2s	11.60nm			5.1mb		KCT	1.95	28	ePn	05	12.90	2.2	MEEK	38.74	233	eP	28	12.50	-1.2	
FRF	91.93	46	iPc	04	47.20	0.0							CHG	57.90	296	eP	30	42.00	0.1	
1.0s	10.00nm			5.2mb		ALN	2.52	340	ePd	05	18.00	-0.9	GUN	72.08	301	P	32	14.40	0.4	
DOU	92.20	39	Pc	04	49.10	0.8	S.D. = 1.3 on 8 of 8 obs.						PKI	72.39	301	P	32	16.40	0.6	
LPL	92.46	44	iPc	04	50.30	0.4	& NOV 06, 1992 21h 07m 35.10s						KKN	72.56	301	P	32	17.20	0.5	
1.1s	11.50nm			5.2mb		58.850 N			135.437 W				DMN	72.66	301	P	32	18.20	0.9	
LPG	92.47	44	iPc	04	50.40	0.4	DEPTH = 10.0km (geophysicist)						ANM	76.23	17	e(P)	32	37.90	1.1	
1.0s	9.00nm			5.1mb		SOUTHEASTERN ALASKA							SVW	77.28	23	eP	32	43.90	1.1	
BSF	93.04	42	eP	04	51.70	-0.7	<PGC-P>. ML 3.6 (PGC).						TTA	78.23	21	eP	32	48.80	0.8	
WLF	93.07	40	P	04	53.00	0.8	(19)						SLKM	79.14	25	eP	32	52.33	-0.6	
FBA	93.08	336	iPd	04	51.50	-0.5							PMS	79.80	25	eP	32	56.20	-0.3	
0.8s	16.75nm			5.5mb		PLBC	0.77	322	Pgd	07	49.00	-1.2	IMA	80.91	19	eP	33	02.54	0.1	
	pP	05	00.60	28kmX									0.8s	5.20nm				4.5mb		
CDF	93.49	41	eP	04	54.10	-0.3	SIT	1.80	178	eP	08	06.25	-0.1	FBA	82.35	22	eP	33	08.31	-1.4
CRP	93.80	332	ePc	04	54.29	-1.3							0.8s	8.93nm				4.8mb		
BCAO	94.46	86	iPc	04	59.20	-0.3	HYT	2.24	333	Pn	08	12.00	-0.9	MBC	94.55	14	eP	34	09.00	0.9
0.9s	14.00nm			5.4mb									YKA	95.90	28	eP	34	11.60	-2.9	
MAW	95.56	165	P	05	07.59	4.0X	DLB	2.84	96	Pg	08	15.20		0.9s	1.60nm				4.5mb	
WTTA	96.14	43	eP	05	06.40	-0.3	BALM	4.11	305	ePn	08	20.10	-1.4	GEC2	124.23	328	ePKPd	39	47.40	0.2
1.2s	22.40nm			5.5mb									0.6s	1.20nm						
	i	05	12.10	18km																
GRF	96.30	41	ePKP	05	08.70	1.6														
KHC	97.72	42	eP	05	13.50	-0.1														
1.3s	6.00nm			5.0mb																
	e	05	19.40	18km																
	e	05	40.00																	
GEC2	97.76	42	eP	05	13.50	-0.4	% NOV 06, 1992 21h 07m 49.37±2.96s						% NOV 06, 1992 21h 24m 34.92±1.47s							
0.9s	2.23nm			4.8mb		38.200 N ± 23.1km			26.799 E ± 13.8km				38.148 N ± 10.2km				27.047 E ± 11.1km			
	e	05	19.10	17km		DEPTH = 10.0km (geophysicist)							DEPTH = 10.0km (geophysicist)							
	e	05	23.80			AEGEAN SEA							TURKEY							
	e	05	25.70			(365)							MD 3.7 (ISK).							
	e	05	27.40			IZM	0.41	61	iPg	07	56.90	-1.0								
BRW	98.09	341	eP	05	15.98	1.3	EZN	1.67	347	ePn	08	17.80	-0.9	IZM	0.30	34	iPg	24	41.30	0.1
BRG	98.21	40	e(P)	05	16.60	0.9	DST	2.00	45	iPn	08	23.90	0.3	EZN	1.77	342	ePn	25	05.80	0.1
YAK	126.41	346	ePKP	10	38.50	-3.1X							DST	1.91	40	ePn	25	06.40	-1.4	
ASPA	135.00	219	ePKP	10	56.20	-2.9X	KHL	2.15	86	ePn	08	26.00	0.2							
1.2s	5.30nm					EDC	2.30	21	ePn	08	29.00	1.1								
WB2	137.38	223	ePKP	10	51.50	-12.2X	BNT	2.32	22	ePn	08	28.80	0.6	KHL	1.96	84	ePn	25	08.00	-0.6
0.6s	1.50nm					KCT	2.38	30	ePn	08	28.90	-0.1	EDC	2.29	16	ePn	25	14.00	0.7	
	i	11	02.80			ALN	2.76	348	eP	08	34.20	-0.2	KCT	2.33	25	ePn	25	12.90	-1.0	
						S.D. = 0.8 on 8 of 8 obs.							ALT	2.57	68	ePn	25	17.90	0.6	
WRA	137.39	223	PKP	10	50.90	-12.8X							ELL	2.67	121	ePn	25	19.00	0.1	
0.6s	0.40nm					NOV 06, 1992 21h 19m 55.61±1.01s							ALN	2.85	345	eP	25	21.10	-0.2	
MAT	140.94	315	ePKP	11	01.00	-8.7X	38.289 N ± 8.8km			27.114 E ± 7.5km			ISK	3.30	27	ePn	25	28.00	0.3	
0.7s	9.59nm					DEPTH = 17.8 ± 5.0 km							EYL	3.41	44	ePn	25	30.60	1.3	
MBL	144.40	204	iPKPd	11	11.50	-4.6X	TURKEY													
MTN	144.47	228	iPKPd	11	14.30	-2.1	MD 3.6 (ISK).													
0.4s	50.00nm												S.D. = 0.9 on 11 of 11 obs.							
WMQ	144.50	22	iPKPd	11	13.50	-2.3X	IZM	0.16	47	iPg	20	01.30	1.2	? NOV 06, 1992 21h 45m 24.81±10.06s						
	pPKP	11	19.50										38.442 N ± 82.5km				26.879 E ± 25.8km			
SNY	145.59	335	iPKPc	11	16.90	-0.6	DST	1.77	41	iPn	20	25.40	-0.2	DEPTH = 10.0km (geophysicist)						
NDI	149.01	52	ePKP	11	24.00	0.5	KHL	1.90	88	iPn	20	28.00	0.5	AEGEAN SEA				(365)		
POO	149.26	73	iPKPd	11	27.80	3.6X	EDC	2.14	16	ePn	20	32.00	1.1	MD 3.3 (ISK).						
BJI	149.82	343	ePKP	11	28.50	4.2X	BNT	2.16	17	ePn	20	30.80	-0.4							
HHC	150.13	350	PKP	11	26.00	1.1	KCT	2.18	26	ePn	20	29.90	-1.7	EZN	1.45	343	ePn	45	51.00	0

06d 21h

DST 1.79 49 ePn 45 56.00 0.0
 EDC 2.05 22 ePn 45 59.00 -0.7
 BNT 2.07 23 ePn 46 00.80 0.7
 KCT 2.14 32 ePn 46 01.00 0.0
 S.D. = 0.7 on 5 of 5 obs.

% NOV 06, 1992 21h 51m 24.07±1.24s
 38.464 N ± 8.6km 27.185 E ± 11.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

IZM 0.09 137 iPg 51 27.00 0.3
 EZN 1.52 334 ePn 51 50.80 -0.4
 DST 1.60 44 ePn 51 52.40 -0.1
 KHL 1.84 94 iPn 51 56.00 -0.1
 EDC 1.95 15 ePn 51 58.00 0.4
 BNT 1.97 17 ePn 51 57.80 -0.1
 KCT 2.00 27 iPn 51 58.80 -0.5
 ALT 2.36 75 ePn 52 03.00 -0.6
 S.D. = 0.5 on 8 of 8 obs.

NOV 06, 1992 22h 03m 44.47±0.55s
 38.147 N ± 5.5km 27.036 E ± 4.5km
 DEPTH = 8.7 ± 2.9 km
 TURKEY (366)
 ML 3.6 (ATH). MD 3.8 (ISK).

PRK 1.25 332 ePn 04 08.50 0.7
 EZN 1.77 342 ePn 04 15.80 0.4
 DST 1.91 40 iPn 04 17.30 -0.3
 KHL 1.97 84 ePn 04 20.00 1.6
 EDC 2.29 16 ePn 04 22.00 -1.0
 BNT 2.31 17 iPn 04 22.60 -0.7
 KCT 2.34 26 iPn 04 22.30 -1.4
 ALT 2.57 68 ePn 04 27.90 0.8
 ATH 2.63 267 ePn 04 27.20 -0.6
 ELL 2.68 121 ePn 04 30.50 1.8
 ALN 2.85 345 ePn 04 31.06 0.1

BCK 2.90 103 ePn 04 31.10 -0.6
 NPS 3.10 202 ePn 04 39.00 4.5X
 PAIG 3.16 305 ePn 04 39.36 4.0X
 ISK 3.31 28 ePn 04 37.00 -0.4
 ITU 3.33 27 ePn 04 49.00 11.3X
 EYL 3.42 44 ePn 04 39.60 0.4
 VLI 3.56 248 ePn 04 41.20 0.1
 KDZ 3.71 341 iPc 04 43.00 -0.3
 AGG 3.79 285 ePn 04 52.72 8.3X
 SOH 3.91 314 ePn 04 50.32 4.3X

RZN 3.96 334 iPc 04 47.00 0.1
 SRS 3.98 319 ePn 04 47.21 0.2
 DIM 4.07 344 iPc 04 48.00 -0.1
 KNT 4.34 336 iPc 04 52.00 -0.1
 KNT 4.39 315 ePn 04 54.56 1.7

GRG 4.55 310 ePn 04 55.81 0.7
 VAY 4.68 314 iPn 04 59.60 2.6X
 KKB 4.80 322 iP 04 59.00 0.4
 PGB 4.91 334 iPc 05 00.00 -0.3
 PVL 5.23 346 iPc 05 04.00 -0.6
 VTS 5.32 328 iP 05 07.00 0.9
 SKO 5.75 313 ePn 05 15.00 3.0X
 KAS 6.10 56 eP 05 41.00 23.9X
 MLR 7.38 354 eP 05 30.00 -5.1X
 KHC 14.65 323 eP 07 24.50 10.7X
 BCAA 34.44 195 iPc 10 32.00 -2.5
 1.0s 8.00nm 4.6mb
 S.D. = 1.0 on 27 of 37 obs.

? NOV 06, 1992 22h 20m 27.56±1.95s
 19.700 N ± 9.2km 76.300 W ± 57.2km
 DEPTH = 33.0km (normal)
 3.7mb (1 obs.)
 CUBA REGION (85)
 MD 4.0 (HOJ).

GWJ 1.67 194 iP 20 54.81 -0.2
 STH 1.68 197 iPd 20 55.00 -0.2
 HOJ 1.74 194 iPd 20 56.00 0.1
 YHJ 1.81 186 iPd 20 57.05 0.1
 PCJ 2.11 203 ePd 21 01.49 0.2
 SIV 38.50 156 P 27 54.00 5.3X
 YKA 50.20 338 eP 29 22.00 0.0
 0.8s 0.60nm 3.7mb
 WB2 151.18 264 ePKP 40 20.30 6.7X
 0.5s 2.00nm
 WRA 151.19 264 PKP 40 21.10 7.5X
 0.6s 0.50nm
 S.D. = 0.2 on 6 of 9 obs.

? NOV 06, 1992 22h 31m 14.46±3.46s
 38.578 N ± 21.2km 27.687 E ± 27.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

DST 1.26 35 ePn 31 38.00 0.1
 KHL 1.46 99 ePn 31 41.00 0.0
 KCT 1.75 17 ePn 31 44.80 -0.2
 EDC 1.77 4 ePn 31 46.00 0.7
 BNT 1.78 6 ePn 31 45.00 -0.5
 S.D. = 0.6 on 5 of 5 obs.

* NOV 06, 1992 22h 36m 16.76±4.09s
 30.248 S ± 24.5km 71.998 W ± 26.5km
 DEPTH = 121.8 ± 25.4 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.0 (SAN).

TLL 1.04 86 iPc 36 39.40 -0.5
 RTBS 2.60 123 ePd 36 58.10 -0.4
 JACH 2.71 154 iP 36 58.98 -1.0
 ROCH 2.84 163 iP 37 01.54 -0.4
 PEL 3.10 159 eP 37 04.89 -0.2
 ZON 3.13 115 eP 37 07.40 1.8
 RTLL 3.22 110 e(P) 37 07.00 0.2
 LCCH 3.24 174 iP+ 37 07.14 0.2
 RTCV 3.38 119 ePc 37 09.20 0.3
 FCH 3.40 155 iP 37 09.69 0.3
 CFA 3.50 114 ePc 37 10.40 -0.1
 TACH 3.51 165 iP 37 11.04 0.4
 PCH 3.59 160 iP 37 12.23 0.4
 LNV 3.73 172 iP 37 13.62 0.1
 MDZ 3.76 135 eP 37 18.60 4.6X
 CHCH 3.85 163 iPd 37 15.31 0.1
 RTRP 4.75 92 ePc 37 28.60 1.3
 MRA 5.80 113 ePd 37 40.20 -1.5
 TCA 6.46 102 iP 37 49.80 -1.1
 (S) 38 56.50
 S.D. = 0.9 on 18 of 19 obs.

? NOV 06, 1992 22h 42m 27.80±3.17s
 38.362 N ± 26.5km 27.122 E ± 18.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.5 (ISK).

IZM 0.12 72 iPg 42 29.90 -0.9
 EZN 1.59 337 ePn 42 55.80 -0.2
 DST 1.71 43 ePn 42 58.00 0.2
 KHL 1.89 90 ePn 43 01.00 0.5
 KCT 2.11 27 ePn 43 04.00 0.3
 S.D. = 0.8 on 5 of 5 obs.

* NOV 06, 1992 22h 58m 01.80±0.87s
 5.252 S ± 15.9km 152.565 E ± 15.4km
 DEPTH = 33.0km (normal)

4.4mb (4 obs.) 3.6Msz (1 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

PMG 6.77 232 eP 59 43.00 1.6
 HNR 8.42 120 eP 00 25.00 20.5X
 RMO 21.43 189 eP 02 44.00 -5.3X
 DZM 21.45 143 iPc 02 50.20 0.6
 WB2 22.96 229 iPd 03 04.70 0.1
 0.7s 12.20nm 4.5mb
 ASPA 25.66 223 iPd 03 29.80 -0.7
 0.4s 9.70nm 4.8mb
 Z 21s 0.20um 3.6Msz
 STK 28.42 200 eP 03 53.60 -1.9
 0.6s 1.30nm 3.8mb
 CHG 57.97 296 eP 07 53.90 0.0
 YKA 95.93 28 eP 11 26.70 0.3
 0.7s 1.00nm 4.4mb
 GEC2 124.31 328 ePKPc 16 57.80 -1.4
 0.7s 1.36nm
 BCAA 134.19 271 iPKPc 17 36.50 17.5X
 0.9s 5.00nm
 LPB 134.34 119 PKP 17 21.00 1.4
 SIV 140.58 123 (PKP) 17 25.00 -5.7X
 S.D. = 1.4 on 9 of 13 obs.

? NOV 06, 1992 22h 59m 25.81±3.42s
 38.283 N ± 27.4km 27.150 E ± 18.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.1 (ISK).

IZM 0.14 38 ePg 59 27.80 -1.4
 EZN 1.67 338 ePn 59 55.80 0.6
 DST 1.75 41 ePn 59 56.30 -0.2
 KHL 1.87 88 ePn 00 17.00
 EDC 2.13 15 ePn 00 22.00 0.1
 BNT 2.15 16 ePn 00 04.00 1.7
 KCT 2.18 25 ePn 00 03.80 1.2
 ALN 2.75 342 eP 00 08.80 -1.9
 S.D. = 1.5 on 8 of 8 obs.

* NOV 06, 1992 23h 06m 37.56±1.34s
 1.328 N ± 19.4km 129.313 E ± 14.0km
 DEPTH = 33.0km (normal)
 4.1mb (3 obs.)
 HALMAHERA, INDONESIA (267)

TNE 2.05 255 eP 07 10.50 0.1
 SWI 2.92 138 ePd 07 23.00 0.3
 WB2 21.71 167 iPc 11 27.50 -0.4
 0.8s 7.20nm 4.1mb
 ASPA 25.24 170 eP 12 02.40 0.1
 0.7s 3.50nm 4.1mb
 STK 35.02 162 eP 13 35.20 5.9X
 0.6s 1.20nm 4.0mb
 GUN 49.22 307 P 15 25.40 -0.1
 S.D. = 0.4 on 5 of 6 obs.

? NOV 06, 1992 23h 18m 31.58±8.37s
 31.080 S ± 58.3km 68.841 W ± 50.8km
 DEPTH = 130.0 ± 40.8 km
 SAN JUAN PROVINCE, ARGENTINA (137)

ZON 0.49 163 iPc 18 50.90 0.0
 CFA 0.74 136 iPd 18 52.00 -0.5
 MDZ 1.80 180 eP 19 04.60 1.0
 MRA 2.98 117 ePc 19 18.80 0.3
 TCA 3.65 95 iP 19 27.60 0.0
 (S) 20 04.60
 RFA 3.69 175 ePc 19 27.30 -0.8
 S 20 08.80
 S.D. = 1.0 on 6 of 6 obs.

? NOV 06, 1992 23h 22m 01.91±4.21s
 38.180 N ± 32.3km 27.018 E ± 24.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).
 EZN 1.73 342 ePn 22 31.80 -0.4

DST 1.90 41 ePn 22 33.30 -1.4
 KHL 1.98 85 ePn 22 36.00 0.1
 EDC 2.26 17 ePn 22 40.00 0.1
 KCT 2.31 26 ePn 22 41.80 1.1
 S.D. = 1.3 on 5 of 5 obs.

? NOV 06, 1992 23h 49m 59.71± 3.48s
 38.303 N ±28.8km 27.118 E ±18.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.1 (ISK).

Izm 0.15 50 iPg 50 02.30 -0.9
 EZN 1.64 338 ePn 50 29.80 1.1
 DST 1.75 42 iPn 50 30.00 -0.4
 KHL 1.89 89 iPn 50 32.70 0.3
 EDC 2.12 16 ePn 50 37.00 1.4
 KCT 2.17 26 ePn 50 36.80 0.4
 ALN 2.72 343 eP 50 42.20 -2.0
 S.D. = 1.4 on 7 of 7 obs.

* NOV 07, 1992 00h 06m 17.25± 1.40s
 5.546 S ± 7.7km 152.637 E ±13.6km
 DEPTH = 40.8 ± 13.4 km
 4.5mb (3 obs.) 3.9Msz (1 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.42 341 iPc+ 06 41.00 0.0
 PMG 6.65 234 eP 07 58.00 3.0X
 HNR 8.21 118 eP 08 36.00 19.1X
 OIS 19.57 219 eP 10 44.00 -0.8
 RMQ 21.15 190 eP 11 02.00 0.7
 0.4s 7.00nm 4.4mb
 DZM 21.17 142 iPc 11 01.50 -0.1
 WB2 22.83 230 eP 11 18.50 0.6
 0.8s 14.60nm 4.5mb
 ASPA 25.50 223 eP 11 43.30 -0.4
 0.9s 17.20nm 4.6mb
 Z 21s 0.40um 3.9Msz
 GUN 72.37 301 P 17 42.20 0.3
 PKI 72.67 301 P 17 43.40 -0.2
 KKN 72.84 301 P 17 44.60 0.1
 DMN 72.94 301 P 17 45.50 0.4
 GEC2 124.60 328 ePKP 25 13.60 -0.5
 0.6s 0.33nm
 LPB 134.13 119 ePKP 25 36.00 2.3X
 S.D. = 0.6 on 11 of 14 obs.

? NOV 07, 1992 00h 55m 44.12± 3.12s
 38.303 N ±23.6km 27.119 E ±17.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

Izm 0.15 50 iPg 55 46.40 -1.2
 EZN 1.64 338 ePn 56 12.90 -0.2
 DST 1.75 42 iPn 56 15.20 0.4
 KHL 1.89 89 ePn 56 17.00 0.2
 EDC 2.12 16 ePn 56 20.00 -0.1
 BNT 2.14 17 ePn 56 20.00 -0.4
 KCT 2.17 26 ePn 56 22.00 1.2
 S.D. = 0.9 on 7 of 7 obs.

& NOV 07, 1992 01h 14m 20.30s
 37.153 N 122.135 W
 DEPTH = 6.0km
 CENTRAL CALIFORNIA (39)
 <BRK>. ML 2.7 (BRK). Felt at
 Boulder Creek and in the Santa
 Cruz area.

STAN 0.25 353 iPc 14 25.31 -0.1
 COE 0.38 74 iPd 14 28.23 0.2
 MHC 0.44 64 iPd 14 29.11 0.0
 JEGM 0.44 324 eP 14 27.94 -1.3

ARN 0.52 68 eP 14 30.26 -0.5
 SAO 0.67 125 iPd 14 32.40 -1.4
 BKS 0.73 354 iPd 14 34.28 -0.5
 HMR 1.03 15 (P) 14 35.62 -4.6
 NTYM 1.30 341 (P) 14 43.39 -1.4
 9 obs. associated

% NOV 07, 1992 01h 14m 22.74± 2.67s
 38.184 N ±19.6km 27.053 E ±14.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

Izm 0.27 38 iPg 14 27.90 -0.5
 EZN 1.74 341 ePn 14 52.90 -0.2
 DST 1.88 40 ePn 14 56.00 0.8
 KHL 1.95 85 ePn 14 56.00 -0.3
 EDC 2.25 16 ePn 15 00.00 -0.6
 KCT 2.30 26 ePn 15 02.00 0.7
 S.D. = 0.8 on 6 of 6 obs.

? NOV 07, 1992 01h 32m 25.79± 1.81s
 38.330 N ±17.0km 27.380 E ± 9.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

Izm 0.11 306 iPg 32 28.40 -0.3
 DST 1.60 37 ePn 32 53.60 -0.7
 KHL 1.69 90 ePn 32 55.80 0.3
 EZN 1.70 332 ePn 32 55.90 0.2
 EDC 2.05 10 ePn 33 02.00 1.3
 KCT 2.06 21 ePn 33 00.00 -0.9
 BNT 2.07 12 ePn 33 01.00 0.1
 S.D. = 0.9 on 7 of 7 obs.

* NOV 07, 1992 01h 35m 03.67± 1.00s
 29.732 N ± 7.3km 31.261 E ±10.0km
 DEPTH = 33.0km (normol)
 3.5mb (1 obs.)
 EGYPT (553)
 ML 4.0 (CSS). MD 3.6 (HLW).

HLW 0.14 29 eP 35 09.00 -0.7
 RMN 3.01 75 eP 35 50.70 0.4
 MKT 3.58 69 eP 35 57.80 -0.4
 LISJ 3.94 67 Pd 36 02.10 -1.2
 MKRJ 4.19 63 P+ 36 07.00 0.1
 KFNJ 4.35 60 Pd 36 09.20 0.0
 JARJ 4.74 57 Pd 36 14.90 0.2
 HRI 5.20 46 eP 36 21.60 0.2
 CSS 5.50 18 eP 36 26.50 1.1
 ASW 5.82 165 eP 37 28.70 0.1
 BCK 7.73 356 ePn 36 56.10 -0.7
 GEC2 23.33 330 eP 40 15.40 5.7X
 0.8s 1.30nm 3.5mb
 S.D. = 0.7 on 11 of 12 obs.

* NOV 07, 1992 01h 35m 38.16± 3.11s
 38.375 N ±23.7km 26.918 E ±17.6km
 DEPTH = 5.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.2 (ISK).

Izm 0.27 85 iPg 35 43.30 -0.4
 EZN 1.52 343 ePn 36 05.90 -0.1
 DST 1.81 47 ePn 36 10.60 0.3
 KHL 2.05 91 ePn 36 14.00 0.2
 EDC 2.10 20 ePn 36 14.00 -0.4
 KCT 2.18 30 ePn 36 16.00 0.4
 S.D. = 0.5 on 6 of 6 obs.

* NOV 07, 1992 02h 11m 15.02± 1.03s
 23.174 S ±11.5km 66.984 W ±16.1km
 DEPTH = 245.3 ± 22.0 km
 JUJUY PROVINCE, ARGENTINA (128)
 SLA 2.06 139 iPd 11 57.90 -0.3

ANT 3.20 260 iP 12 10.80 1.0
 LPB 6.69 351 iPc 12 51.00 -1.6
 TCA 8.41 166 iP 13 13.70 -0.6
 SIV 9.06 39 P 13 24.00 1.3
 VAO 18.42 93 eP 15 14.80 0.2
 S.D. = 1.7 on 6 of 6 obs.

? NOV 07, 1992 02h 15m 48.74± 3.11s
 38.442 N ±23.0km 26.999 E ±22.0km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.3 (ISK).

Izm 0.21 102 iPg 15 52.90 -0.5
 EZN 1.48 339 ePn 16 14.90 -0.4
 DST 1.72 47 ePn 16 17.60 -1.3
 KHL 1.99 93 iPn 16 23.80 1.0
 EDC 2.02 19 ePn 16 24.00 0.8
 BNT 2.04 20 ePn 16 24.00 0.5
 S.D. = 1.2 on 6 of 6 obs.

* NOV 07, 1992 02h 39m 41.75± 1.68s
 27.693 N ±10.4km 130.384 E ± 9.0km
 DEPTH = 35.4 ± 13.3 km
 4.3mb (14 obs.)
 RYUKYU ISLANDS (238)

KAGJ 3.51 7 eP 40 35.00 -0.2
 KUMJ 4.84 4 eP 40 53.60 -0.6
 SSE 8.71 295 P 41 51.00 2.7
 Z 16s 1.20um
 NJ2 10.91 296 eP 42 23.80 5.3X
 BJI 17.03 320 eP 43 44.50 5.8X
 TIY 18.08 308 eP 43 52.00 0.1
 Z 16s 1.31um

XAN 19.46 294 Pd 44 06.50 -2.0
 0.5s 30.00nm 4.8mb
 HHC 20.30 315 P 44 25.80 8.5X
 1.2s 16.00nm 4.2mb
 GYA 21.15 272 P 44 25.60 -0.7
 1.0s 12.00nm 4.2mb

CD2 23.42 284 eP 44 48.00 -0.6
 KMI 24.87 270 eP 45 16.50 13.6X
 GTA 27.90 303 eP 45 28.40 -2.2
 1.0s 5.00nm 4.2mb
 CHG 30.14 260 ePd 45 50.30 -0.5
 1.0s 14.50nm 4.7mb
 YAK 34.32 359 eP 46 26.00 -0.8
 1.9s 77.00nm 5.3mb

GUN 39.20 281 P 47 10.40 1.6
 PKI 39.67 281 P 47 13.20 0.5
 KKN 39.75 281 P 47 12.60 -0.5
 DMN 39.93 281 P 47 14.80 0.1
 WRA 47.51 175 P 48 15.60 0.1
 0.4s 0.90nm 4.1mb
 WB2 47.51 175 eP 48 15.00 -0.5
 1.0s 2.60nm 4.2mb

GBA 51.13 265 P 48 43.00 -0.5
 KOD 52.56 261 eP 49 04.00 9.3X
 MBC 67.95 14 eP 50 39.00 0.3
 0.9s 3.00nm 4.4mb
 KAF 72.15 331 iP 51 15.40 11.0X
 0.6s 8.40nm
 NUR 73.58 330 eP 51 24.00 11.2X
 0.6s 13.50nm

YKA 76.39 26 eP 51 28.30 -0.6
 0.6s 2.60nm 4.4mb
 HFS 78.41 333 ePKP 51 39.50 -0.6
 0.4s 1.10nm 4.2mb
 NB2 78.84 334 P 51 41.80 -0.7
 0.9s 3.90nm 4.4mb
 OJC 81.14 323 eP 51 56.20 1.3
 0.6s 52 10.30

KSP 82.64 324 eP 52 04.00 1.3
 CLL 84.04 326 iP 52 10.70 0.9
 1.3s 14.00nm 5.0mb
 KHC 85.07 324 eP 52 15.50 0.4
 0.6s 52 29.00
 GEC2 85.18 324 ePd 52 16.40 0.6
 1.0s 2.17nm 4.3mb

07d 02h

SES 85.20 34 eP 52 26.80 1.2
S.D. = 1.1 on 27 of 34 obs.

& NOV 07, 1992 02h 49m 48.07s
60.082 N 147.150 W
DEPTH = 0.2km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.6 (AEIC).

MTU	0.27	250	ePc	49	53.93	0.5
			eS	49	58.91	
LTI	0.36	264	ePc	49	55.47	0.3
			eS	50	00.91	
KNIM	0.40	313	iPc	49	56.38	0.4
			eS	50	02.49	
HIN	0.45	45	eP	49	58.00	0.9
			eS	50	06.38	
FID	0.75	26	iPd	50	02.64	-0.4
			eS	50	13.15	
MID	0.77	148	P	50	04.50	1.0
GLI	0.80	2	iPc	50	03.72	-0.3
			eS	50	15.53	
CVA	0.84	56	iPd	50	04.37	-0.4
			eS	50	17.86	
VZW	1.02	16	eP	50	07.59	-0.8
			eS	50	25.13	
SGAM	1.06	66	ePd	50	07.86	-1.0
VLZ	1.13	21	ePd	50	09.21	-0.9
SEW	1.15	272	iPc	50	09.29	-1.2
			eS	50	25.60	
MPA	1.17	291	eP	50	09.65	-1.2
			eS	50	26.16	
PTE	1.22	311	iPc	50	10.31	-1.3
			eS	50	27.18	
RAGM	1.27	75	ePc	50	13.85	1.2
KAIM	1.38	95	eP	50	13.61	-0.8
HMT	1.47	79	eP	50	14.50	-1.3
KNK	1.48	335	ePc	50	14.54	-1.5
			eS	50	35.52	
KLU	1.54	23	ePd	50	15.72	-1.2
SLKM	1.59	287	ePc	50	15.74	-1.8
PMS	1.66	316	P	50	17.20	-1.4
SCM	1.76	357	ePc	50	19.47	-0.6
PLRM	1.80	328	eP	50	19.68	-0.8
SML	1.83	342	ePc	50	20.16	-0.8
GHO	1.90	334	eP	50	21.14	-1.0
PWA	2.06	321	P	50	23.20	-1.2
TOA	2.08	13	P	50	25.00	0.2
CROM	2.10	69	eP	50	23.60	-1.5
GLB	2.13	49	ePd	50	24.11	-1.3
NKA	2.13	290	eP	50	24.95	-0.4
CNPM	2.14	257	P	50	24.10	-1.4
TZL	2.14	22	eP	50	25.76	0.2
WAX	2.17	78	iPc	50	23.70	-2.4
SUA	2.24	310	eP	50	25.24	-1.9
TGL	2.25	71	eP	50	25.50	-1.7
BALM	2.56	66	ePd	50	29.72	-1.9
SDG	2.57	17	eP	50	31.73	0.0
SPU	2.66	297	ePc	50	30.27	-2.7
RDT	2.66	283	P	50	30.70	-2.3
CGLM	2.69	299	ePc	50	31.32	-2.1
BKG	2.71	294	eP	50	31.20	-2.6
YAH	2.71	82	eP	50	32.29	-1.6
CKN	2.73	297	eP	50	32.30	-1.7
CRP	2.74	298	eP	50	31.68	-2.5
CP2	2.77	298	eP	50	32.68	-2.1
CKL	2.79	296	ePc	50	32.35	-2.6
NCG	2.79	301	eP	50	32.60	-2.4
REF	2.80	281	ePc	50	32.30	-2.8
DFR	2.80	283	eP	50	32.05	-3.0
RSO	2.82	280	eP	50	32.74	-2.7
RS1	2.82	280	eP	50	32.84	-2.6
RS2	2.82	280	eP	50	32.81	-2.6
BGL	2.84	297	ePc	50	33.28	-2.3
RDW	2.85	281	eP	50	33.05	-2.8
SKT	2.86	314	eP	50	33.22	-2.6
ILIM	2.91	272	eP	50	34.35	-2.2
NCT	2.92	282	eP	50	33.61	-3.1
INE	2.96	272	P	50	32.50	-4.9
INW	3.00	272	eP	50	35.86	-2.0

59 obs. associated

* NOV 07, 1992 02h 56m 36.91± 1.16s
7.572 N ±16.1km 126.964 E ±22.4km
DEPTH = 10.0km (geophysicist)
4.6mb (1 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP	0.96	313	iPc	56	55.00	-0.1
			iS	57	11.00	
CGP	2.41	291	ePc	57	16.50	-0.5
			eS	57	49.00	
MAP	4.02	313	iPd	57	40.50	0.7
PLP	4.07	331	ePc	57	40.50	-0.1
			eS	58	13.50	
QIS	30.59	156	eP	02	52.70	-0.7
WARB	33.55	181	eP	03	20.00	0.8

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

NOV 07, 1992 03h 17m 44.72± 0.74s
19.708 N ± 8.7km 76.204 W ± 6.5km
DEPTH = 16.8 ± 8.0 km
4.7mb (38 obs.)

CUBA REGION (85)

MD 4.5 (HOJ).

GWJ	1.70	197	iPd	18	12.31	-1.7
STH	1.72	200	iPd	18	12.49	-1.7
			S	18	33.48	
HOJ	1.77	197	iPd	18	13.51	-1.4
YHJ	1.83	189	iPd	18	14.55	-1.1
PCJ	2.16	205	ePd	18	18.60	-1.9
LHS	15.27	345	(P)	21	19.42	-1.7
PRM	15.33	340	(P)	21	16.56	-5.3X
OLY	20.71	323	(P)	22	28.58	1.8
ELC	20.88	330	iPd	22	26.33	-2.2
LVNJ	21.07	3	eP	22	30.15	-0.3
			e	22	34.86	
UYO	21.68	315	iPd	22	35.00	-1.7
FVM	22.01	329	eP	22	39.24	-0.7
LNO	23.61	317	eP	22	54.80	-0.7
TUL	23.61	317	eP	22	55.10	-0.5
Z	16s					

3.8mszX

RSNY	24.81	3	ePc	23	07.75	0.6
JFWS	25.99	336	eP	23	16.46	-1.9
ACO	26.26	315	iPc	23	19.80	-1.2
LMN	27.72	17	eP	23	37.00	2.9X
ALO	30.72	306	eP	24	03.29	1.9
GOL	32.01	315	eP	24	14.19	1.5
RSSD	33.63	323	eP	24	28.02	1.3
JAO	34.03	1	eP	24	25.00	-4.8X
ULM	34.25	337	eP	24	33.00	1.2
BW06	36.27	317	eP	24	45.50	-3.8X
LPB	36.88	167	P	24	54.80	-0.1
ARUT	36.98	307	ePc	24	54.45	-0.9
DUG	37.36	311	ePd	24	57.91	-0.6
SIV	38.47	156	P	25	11.60	3.8X
BGMT	39.02	319	ePc	25	11.40	-1.0
SES	41.19	326	eP	25	29.00	-1.0
NEW	43.52	321	eP	25	48.00	-1.1
YKA	50.23	338	eP	26	39.50	-2.1
MBC	60.66	349	eP	27	54.50	-2.3
AVE	62.06	62	iP	28	07.50	0.5
DAG	63.70	13	iPc	28	15.30	-1.8
EKA	64.40	37	P	28	21.00	-1.0
LPF	65.77	45	iPc	28	30.20	-0.7
GRR	65.87	45	iPc	28	31.20	-0.4
FLN	66.10	45	iPc	28	32.60	-0.5
LDF	66.35	45	iPc	28	34.40	-0.3
MFF	66.47	47	iPc	28	35.10	-0.4
LFF	67.22	49	iPc	28	40.00	-0.3

LPO	0.9s	14.90nm	5.2mb			
RJF	67.57	49 iPc	28	42.10	-0.4	
TCF	68.12	47 iPc	28	45.20	-0.7	
CAF	68.16	49 iPc	28	45.80	-0.5	
MAF	68.37	47 eP	28	46.80	-0.7	
BGF	68.52	47 eP	28	47.60	-0.8	
AVF	68.85	46 iPc	28	49.50	-0.9	
SSF	68.92	46 iPc	28	50.10	-0.8	
LOR	69.13	46 iPc	28	51.50	-0.7	
SMF	69.20	47 iPc	28	51.80	-0.8	
LBF	69.25	46 eP	28	52.00	-0.9	
DOU	69.30	43 P	28	53.10	0.0	
LIC	70.23	90 P	28	58.40	-1.0	
KIC	70.45	90 P	29	00.00	-0.8	
HAU	70.71	45 eP	29	01.30	-0.5	
BSF	71.03	45 eP	29	03.00	-0.9	
CDF	71.26	44 eP	29	04.70	-0.5	
LPL	71.35	47 eP	29	06.10	0.1	
LPG	71.36	47 eP	29	06.30	0.1	
NB2	71.73	31 P	29	07.30	-0.4	
SBF	72.12	49 eP	29	10.20	-0.2	
GRF	73.60	43 eP	29	20.00	1.1	
BRG	75.06	41 e(P)	29	27.30	0.0	
KHC	75.22	43 eP	29	20.00	-8.3X	
GEC2	75.36	43 eP	29	28.80	-0.4	
SRO	78.60	43 eP	29	48.80	1.7	
WB2	151.27	264 ePKP	37	37.20	3.8X	
WRA	151.28	264 PKP	37	33.00	-0.4	
ASPA	151.78	257 ePKP	37	38.00	3.9X	

S.D. = 1.0 on 63 of 71 obs.

NOV 07, 1992 03h 25m 45.44± 0.39s
38.171 N ± 4.6km 26.992 E ± 3.4km
DEPTH = 56.0 ± 11.2 km
4.2mb (2 obs.)

AEGEAN SEA (365)

MD 4.2 (ATH), 3.9 (ISK).

IZM	0.31	43 iPc	25	54.90	-0.5	
PRK	1.21	333 iPc	26	06.50	0.1	
EZN	1.73	343 ePn	26	13.90	0.3	
DST	1.92	41 iPn	26	16.50	0.2	
KHL	2.00	85 iPn	26	17.80	0.3	
EDC	2.28	17 ePn	26	21.00	-0.3	
BNT	2.30	18 iPn	26	20.30	-1.3	
ATH	2.59	267 ePn	26	26.70	1.0	
ALT	2.60	69 ePn	26	26.50	0.6	
ELL	2.72	121 iPn	26	28.50	0.8	
ALN	2.82</					

SRS	3.94	319	eSn	27	37.10	
			ePnd	26	45.13	0.3
			eSn	27	38.04	
THE	3.97	309	ePn	26	44.66	-0.6
LIT	4.00	300	ePn	26	45.90	0.3
KNT	4.35	315	ePnc	26	51.22	0.7
GRG	4.51	310	ePnc	26	53.38	0.6
VAY	4.64	314	iPn	26	55.30	0.7
PPCY	5.42	126	eP	27	04.00	-1.6
SKO	5.70	313	iPn	27	10.00	0.4
CSS	6.02	120	eP	27	14.50	0.4
			eS	28	18.50	
ISR	6.97	357	eP	27	44.00	16.7X
CFR	7.06	7	eP	27	41.00	12.5X
MLR	7.36	354	eP	27	31.00	-1.8
VR1	7.70	359	ePd	27	36.50	-0.9
GEC2	14.36	322	eP	29	13.40	6.3X
	0.8s		1.91nm		3.7mb	
			e	29	16.10	
BCAO	34.46	195	iPd	32	30.00	0.1
	1.3s		16.00nm		4.8mb	
	S.D. = 0.9	on	31	of	35	obs.

* NOV 07, 1992 03h 27m 09.32±1.41s						
38.720 S ±13.4km 66.758 W ±10.7km						
DEPTH = 33.0km (normal)						
SAN LUIS PROVINCE, ARGENTINA (140)						
MRA	1.58	34	e(P)	27	36.00	0.7
			S	27	57.10	
RFA	1.76	233	iPc	27	38.50	0.5
			(S)	28	01.20	
MDZ	1.94	295	eP	27	38.90	-1.8
			eS	28	12.50	
RTCV	2.38	321	iPd	27	47.30	0.3
			S	28	14.50	
CFA	2.45	329	e(P)	27	49.00	1.1
TCA	3.00	38	eP	27	54.60	-1.1
			(S)	28	40.00	
RTBS	3.06	311	e(P)d	27	56.60	0.1
RTPR	3.41	4	e(P)d	28	09.40	7.9X
	S.D. = 1.3	on	7	of	8	obs.

? NOV 07, 1992 03h 31m 34.60±3.04s						
38.285 N ±24.3km 27.043 E ±15.8km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.2 (ISK).						
Izm	0.21	57	iPg	31	38.40	-0.7
			eSg	31	43.40	
EZN	1.64	340	ePn	32	03.00	-0.5
DST	1.81	43	iPn	32	06.50	0.5
KHL	1.95	88	iPn	32	08.30	0.1
BNT	2.18	18	ePn	32	12.00	0.6
	S.D. = 0.8	on	5	of	5	obs.

? NOV 07, 1992 04h 09m 30.55±3.73s						
38.391 N ±27.4km 26.818 E ±22.5km						
DEPTH = 10.0km (geophysicist)						
AEGEAN SEA (365)						
MD 3.3 (ISK).						
Izm	0.35	89	iPg	09	36.90	-0.9
			eSg	09	45.90	
EZN	1.48	345	ePn	09	56.90	-0.3
DST	1.86	49	iPn	10	03.50	0.7
EDC	2.11	22	ePn	10	07.00	0.6
KHL	2.13	91	iPn	10	07.30	0.6
BNT	2.14	23	ePn	10	06.00	-0.8
	S.D. = 1.0	on	6	of	6	obs.

% NOV 07, 1992 04h 15m 14.65±2.58s						
38.178 N ±19.2km 27.040 E ±14.4km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.1 (ISK).						
Izm	0.28	39	iPg	15	20.40	-0.2
			iSg	15	26.40	
EZN	1.74	342	ePn	15	44.90	-0.1
DST	1.89	41	iPn	15	47.50	0.2
KHL	1.96	85	ePn	15	48.30	-0.1
			eSg	16	11.00	
BNT	2.28	17	ePn	15	53.00	0.1
	S.D. = 0.2	on	5	of	5	obs.

NOV 07, 1992 04h 36m 35.23±0.56s
38.111 N ±6.0km 27.003 E ±4.1km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)
TURKEY (366)
ML 3.8 (ATH). MD 3.7 (ISK).

Izm	0.35	35	iPg	36	43.40	0.9
			iSg	36	48.40	
PRK	1.27	333	ePb	36	58.50	-0.3
			eSb	37	17.50	
EZN	1.79	343	ePn	37	05.90	-0.5
DST	1.96	40	iPn	37	08.50	-0.4
			eSg	37	29.50	
KHL	2.00	83	ePn	37	09.20	-0.3
EDC	2.33	16	ePn	37	14.00	-0.2
BNT	2.35	17	iPn	37	15.80	1.3
ATH	2.60	268	ePn	37	17.00	-1.0
ALT	2.61	68	ePn	37	18.00	-0.3
ELL	2.68	120	ePn	37	20.50	1.1
ALN	2.88	345	ePnc	37	21.50	-0.5
			eSn	38	00.30	
BCK	2.91	102	ePn	37	23.10	0.5
NPS	3.05	202	ePn	37	22.00	-2.5X
PAIG	3.16	306	ePn	37	27.42	1.5
			eSn	38	06.58	
ISK	3.35	28	ePn	37	28.00	-0.7
EYL	3.46	44	ePn	37	30.50	0.1
			eSg	38	25.50	
DMK	3.75	9	ePn	37	32.20	-2.2
AGG	3.77	285	ePn	37	38.38	3.6X
SOH	3.91	315	ePn	37	36.18	-0.5
			eSn	38	25.88	
SRS	3.99	320	ePnc	37	36.62	-1.2
			eSn	38	27.81	
THE	4.02	310	ePn	37	38.74	0.7
LIT	4.03	301	ePnc	37	39.42	1.0
KNT	4.40	315	ePnc	37	43.26	-0.3
			eSn	38	29.62	
GRG	4.55	310	ePn	37	46.10	0.3
VAY	4.69	315	ePn	37	49.50	1.9
KAS	6.15	56	eP	38	33.00	24.7X
BCAO	34.40	195	iPc	43	23.30	-1.4
	0.9s		5.00nm		4.4mb	
	S.D. = 1.0	on	24	of	27	obs.

NOV 07, 1992 04h 41m 04.71±0.90s						
38.199 N ±9.6km 26.996 E ±6.9km						
DEPTH = 23.1 ± 6.4 km						
AEGEAN SEA (365)						
MD 3.7 (ISK).						
Izm	0.29	46	iPg	41	11.40	-0.1
EZN	1.71	342	ePn	41	32.90	-0.4
DST	1.90	42	iPn	41	37.00	0.8
			eSg	41	58.00	
KHL	1.99	86	ePn	41	38.00	0.4
EDC	2.25	17	ePn	41	42.00	0.8
ALT	2.58	70	ePn	41	47.00	0.9
ELL	2.73	121	ePn	41	48.50	0.3
ALN	2.79	345	ePn	41	48.78	-0.1
			eSn	42	19.18	
BCK	2.94	103	ePn	41	50.10	-0.9
PAIG	3.11	305	ePn	41	55.58	2.2
DMK	3.67	9	ePn	42	01.00	-0.3
SOH	3.85	314	ePn	42	03.54	-0.3
SRS	3.92	319	ePn	42	04.02	-0.9
KNT	4.33	314	ePn	42	10.50	-0.2
GRG	4.49	309	ePn	42	13.46	0.4
	S.D. = 0.9	on	15	of	15	obs.

% NOV 07, 1992 04h 44m 11.96±0.65s
44.544 N ±4.2km 7.161 E ±7.0km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.1 (GEN).

PZZ	0.06	228	P	44	14.32	0.0
			S	44	15.69	
BHB	0.31	14	P	44	18.48	0.1
			S	44	22.65	
STV	0.32	159	P	44	18.85	0.2
			S	44	23.11	
ENR	0.37	150	P	44	19.40	-0.2
			S	44	24.11	
ROB	0.57	116	P	44	23.47	0.0
			S	44	30.89	

RSP	0.61	6	P	44	24.25	-0.1
			S	44	32.08	
FIN	0.82	114	P	44	27.87	0.0
			S	44	38.39	
IMI	0.82	140	P	44	27.96	0.0
			S	44	37.98	
S.D. = 0.1 on 8 of 8 obs.						

% NOV 07, 1992 05h 00m 26.27±2.64s
38.476 N ±18.3km 27.022 E ±21.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.3 (ISK).

Izm	0.20	112	iPg	00	30.40	-0.4
			iSg	00	35.40	
DST	1.68	47	ePn	00	55.40	-0.5
KHL	1.97	94	ePn	01	00.80	0.7
EDC	1.98	19	ePn	01	01.00	0.9
BNT	2.00	20	ePn	01	00.00	-0.5
ALN	2.53	343	eP	01	07.90	-0.1
	S.D. = 0.8	on	6	of	6	obs.

? NOV 07, 1992 05h 49m 07.99±3.05s
38.174 N ±23.6km 26.993 E ±16.5km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.0 (ISK).

Izm	0.31	43	iPg	49	13.90	-0.5
			iSg	49	19.90	
EZN	1.73	343	ePn	49	38.00	-0.2
DST	1.92	41	ePn	49	42.00	1.0
KHL	2.00	85	ePn	49	42.00	-0.2
	S.D. = 1.2	on	4	of	4	obs.

NOV 07, 1992 06h 09m 48.24±0.56s
42.743 N ±5.2km 12.731 E ±6.0km
DEPTH = 10.0km (geophysicist)
CENTRAL ITALY (381)
ML 3.4 (LJU).

ASS	0.33	351	P	09	54.30	-0.8
			eSg	09	59.00	
AQU	0.63	128	P	10	01.70	0.7
			eSg	10	19.30	
ARV	0.77	12	P	10	02.10	-1.2
			eSg	10	12.70	
RMP	0.93	181	P	10	07.40	1.4
RDP	0.98	181	P	10	07.90	0.9
			eSn	10	24.80	
CRE	1.05	327	P	10	08.90	0.8
			eSn	10	22.90	
RSM	1.20	350	P	10	14.60	4.0X
SDI	1.31	142	P	10	09.90	-2.6
			eSn	10	34.70	
SFI	1.34	332	P	10	13.80	0.9
			eSn	10	34.00	
FIR	1.49	314	e(Pg)	10	16.50	1.4
			i(Sg)	10	40.00	
DUI	1.68	130	P	10	24.30	6.4X
PII	1.89	302	P	10	25.00	4.2X
BDI	2.04	311	P	10	23.60	0.5
PGF	2.76	267	Pn	10	33.20	-0.2
			Sn	11	03.70	
HVAR	2.76	80	iPn	10	34.10	0.7
			iSg	11	08.90	
RIY	2.86	24	e(Pn)	10	36.50	1.8
			iSn	11	10.50	
TRI	3.06	14	P	10	37.10	-0.3
CEY	3.23	22	e(Pn)	10	40.50	0.5
			eSn	11	19.20	
VBY	3.31	33	ePn	10	50.30	9.3X
			i(Sg)	11	43.60	
FVI	3.85	1	P	10	47.40	-1.3
PTJ	3.91	35	eP	11	02.20	12.4X
SBF	4.02	288	Pn	10	50.30	-1.0
FRF	4.53	282	Pn	10	56.50	-1.9
LMR	4.60	279	Pn	10	57.60	-1.8
LRG	4.72	281	Pn	10	59.80	-1.3
LPG	5.11	305	Pn	11	08.80	1.9
LPL	5.13	305	Pn	11	09.70	2.5
GEC2	6.14	6	Pn	11	19.70	-1.5
			Sn	12	29.00	

S.D. = 1.5 n 23 of 28 obs.

07d 06h

38.454 N \pm 14.5km 27.164 E \pm 17.5km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

IZM	0.10	126	iPg	17	00.90	-0.5
			iSg	17	05.90	
EZN	1.52	335	ePn	17	26.00	0.1
DST	1.62	44	ePn	17	26.50	-0.9
KHL	1.86	93	ePn	17	32.00	1.1
BNT	1.99	17	ePn	17	33.00	0.3

S.D. = 1.1 on 5 of 5 obs.

& NOV 07, 1992 07h 47m 55.68s
 60.774 N 151.522 W
 DEPTH = 70.0km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>.

NKA	0.14	102	iPd	48	07.48	3.0
BKG	0.47	310	iPd	48	07.83	-0.6
			eS	48	17.04	
RDT	0.48	246	eP	48	07.79	-0.8
SPU	0.48	328	iPd	48	07.57	-1.0
CKT	0.54	322	eP	48	08.13	-1.1
CKN	0.55	325	iPd	48	08.79	-0.5
CKL	0.58	317	iPd	48	08.79	-0.8
CRP	0.58	328	iPd	48	08.52	-1.2
CGLM	0.59	336	iPd	48	08.80	-0.8
DFR	0.60	253	iPc	48	08.93	-0.9
CP2	0.60	325	iPd	48	09.44	-0.5
BGL	0.65	320	iPd	48	09.67	-0.7
REF	0.65	244	iPc	48	09.69	-0.7
			eS	48	21.13	
RDN	0.66	247	iPc	48	09.63	-0.9
RSO	0.68	243	iPc	48	10.13	-0.7
			eS	48	21.89	
RS2	0.68	243	iPc	48	10.18	-0.7
RS1	0.69	243	iPc	48	10.21	-0.6
SLKM	0.69	112	iPc	48	10.12	-0.7
			eS	48	22.16	
RDW	0.70	246	iPc	48	10.27	-0.7
NCG	0.70	334	iPd	48	10.24	-0.7
NCT	0.73	254	iPc	48	10.43	-0.8
SUA	0.79	28	iPd	48	11.46	-0.5
ILIM	1.00	226	iPc	48	13.67	-0.8
INE	1.05	228	iPc	48	14.26	-0.9
			eS	48	29.13	
BRK	1.06	162	iPd	48	14.47	-0.8
			eS	48	29.29	
PMS	1.07	63	P	48	14.80	-0.5
INW	1.07	229	iPc	48	14.50	-0.9
			eS	48	29.73	
MPA	1.10	104	iPc	48	14.93	-0.8
HOM	1.12	183	eP	48	15.84	-0.1
PWA	1.19	41	P	48	16.50	-0.3
			S	48	33.20	
SKT	1.21	360	iPd	48	16.51	-0.7
			eS	48	33.19	
PTE	1.23	85	iPc	48	16.59	-0.8
SEW	1.23	122	eP	48	15.92	-1.4
CNPM	1.26	173	iPd	48	16.93	-0.9
			eS	48	33.60	
OPT	1.41	218	iPc	48	19.51	-0.4
PLRM	1.42	54	iPc	48	18.73	-1.2
PMR	1.42	54	ePc	48	18.37	-1.6
			eS	48	36.71	
GHO	1.61	50	iPc	48	21.42	-1.1
KNK	1.62	65	iPc	48	21.53	-1.2
PDB	1.66	235	iPc	48	21.67	-1.5
			eS	48	41.91	
AUL	1.69	215	eP	48	23.39	-0.3
AUP	1.71	215	eP	48	23.34	-0.6
AUH	1.71	215	eP	48	23.15	-0.8
AUW	1.71	216	eP	48	23.29	-0.7
AUI	1.73	214	P	48	23.70	-0.5
SML	1.86	55	iPc	48	24.58	-1.4
KNIM	1.92	101	ePc	48	23.99	-2.8
			eS	48	47.34	
LTi	1.96	110	ePc	48	25.17	-2.2
SVW	2.03	281	P	48	26.30	-2.1
MCNL	2.13	223	eP	48	28.50	-1.2
			eS	48	53.18	
CDD	2.14	211	ePc	48	28.84	-1.0
GLI	2.17	85	iPc	48	27.29	-3.0
SYI	2.22	192	iPc	48	29.89	-1.0
SCM	2.29	60	iPc	48	30.31	-1.6

HUR	2.39	21	eP	48	33.79	0.5
FID	2.48	88	iPc	48	31.11	-3.4
VLZ	2.56	80	ePc	48	33.21	-2.4
			eS	49	03.51	
TRF	2.75	12	eP	48	37.89	-0.6
KTH	2.80	6	eP	48	38.27	-0.9
KLU	2.81	73	iPc	48	36.91	-2.4
CVA	2.85	92	eP	48	36.61	-3.1
TOA	2.90	60	P	48	39.20	-1.2
RND	2.92	24	eP	48	40.14	-0.7
TTA	3.03	317	P	48	41.20	-1.2
KDC	3.08	190	eP	48	39.41	-3.4
SGAM	3.12	92	eP	48	41.22	-2.3
TZL	3.20	64	eP	48	42.79	-1.8
MCK	3.21	21	P	48	46.00	1.3
SDG	3.35	56	eP	48	45.21	-1.6
PAX	3.62	50	ePc	48	49.17	-1.4
GLB	3.80	76	eP	48	50.18	-2.9
WRH	4.04	22	eP	48	55.42	-0.9
CROM	4.11	87	eP	48	54.32	-3.3
HDA	4.21	28	eP	48	57.64	-1.2
CCB	4.25	22	iPd	48	57.83	-1.5
DJE	4.25	37	eP	48	58.44	-0.9
TGL	4.26	86	P	48	56.20	-3.5
WAX	4.29	91	eP	48	55.24	-4.7
MLY	4.29	4	eP	48	57.99	-2.0
FBA	4.48	21	eP	49	00.38	-2.2
BALM	4.49	83	eP	48	59.22	-3.6
GLM	4.63	22	eP	49	03.08	-1.7
CTGM	4.98	83	eP	49	07.01	-2.8
IMA	5.40	351	eP	49	14.30	-1.3

84 obs. associated

NOV 07, 1992 08h 58m 33.85 \pm 0.58s
 39.848 S \pm 4.8km 176.877 E \pm 7.1km
 DEPTH = 44.4 \pm 10.0 km
 3.8mb (2 obs.)

NORTH ISLAND, NEW ZEALAND (159)

TTH	0.31	353	Pd	58	40.90	-1.7
WAHZ	0.43	290	Pd	58	42.80	-1.2
TAHZ	0.72	351	P	58	47.70	-0.2
MOH	0.74	16	P	58	48.90	0.8
PGZ	0.90	211	P	58	52.60	2.4
PAHZ	1.00	8	P	58	52.20	0.6
WHH	1.01	343	P	58	51.70	-0.1
MAHZ	1.02	50	P	58	53.10	1.2
DRZ	1.16	299	P	58	54.90	0.6
NGZ	1.19	304	P	58	55.00	0.5
CNZ	1.22	302	P	58	55.30	0.5
MNG	1.32	234	Pc	58	57.40	1.3
BSZ	1.50	271	eP	59	00.80	2.1
NOZ	1.52	37	eP	58	59.20	0.2
PATZ	1.54	342	eP	58	59.60	0.2
URZ	1.60	7	P	58	59.50	-0.5
			eS	59	16.70	
TAZ	1.64	350	eP	59	00.70	0.1
MTW	1.68	218	P	59	01.80	0.6
KIW	1.81	235	P	59	03.90	0.8
BLW	1.86	215	eP	59	04.20	0.4
CAW	1.87	227	P	59	04.20	0.3
MOW	2.00	218	P	59	05.70	-0.1
MOZ	2.10	309	eP	59	06.70	-0.5
MRW	2.16	229	eP	59	07.50	-0.5
			eS	59	33.90	
WLZ	2.21	333	eP	59	08.50	-0.3
TCW	2.41	235	eP	59	11.30	-0.3
DIW	2.45	246	P	59	12.60	0.3
HBZ	2.51	27	eP	59	11.60	-1.4
QRZ	3.46	252	eP	59	25.30	-1.4
LTZ	4.54	228	eP	59	39.10	-2.8
			eS	00	29.20	
MQZ	4.98	218	eP	59	45.40	-2.6
			S	00	38.40	
WB2	41.39	286	eP	06	17.50	0.0
	0.4s	1.60nm			4.1mb	
WRA	41.40	286	P	06	18.10	0.5
	0.4s	0.50nm			3.6mb	

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

? NOV 07, 1992 09h 14m 29.29 \pm 1.69s
 44.693 N \pm 23.2km 148.927 E \pm 19.0km
 DEPTH = 33.0km (normal)
 3.8mb (2 obs.)

KURIL ISLANDS (221)

KUSJ	3.44	244	iPd	15	19.90	-1.9
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ASAJ	4.54	265	eP	15	53.60	1.1
HOJ	4.71	243	P	15	40.50	0.8
			eS	16	28.50	
MRRJ	6.14	251	eP	16	00.00	0.0
WRA	65.69	195	P	25	13.10	0.6
	0.7s	0.20nm			3.3mb	
NB2	69.18	339	P	25	33.70	-0.4
	0.7s	1.70nm			4.2mb	

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

NOV 07, 1992 09h 25m 38.10 \pm 1.34s
 5.114 S \pm 9.2km 152.372 E \pm 14.7km
 DEPTH = 55.9 \pm 11.4 km
 4.1mb (2 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB	0.94	347	iPc	25	55.00	-0.3
	0.5s	839.44nm				
		iS	26	13.00		
PMG	6.70	230	eP	27	17.00	0.7
DZM	21.67	142	iP	30	26.30	0.2
WB2	22.91	228	eP	30	36.20	-2.0
	0.4s	6.20nm			4.4mb	
ASPA	25.63	222	eP	31	04.80	0.5
	1.2s	3.60nm			3.8mb	
GUN	71.92	301	P	36	59.00	0.7
PKI	72.23	301	P	36	59.40	-0.7
KKK	72.40	301	P	37	01.40	0.5
DMN	72.50	301	P	37	01.60	0.0
GKN	73.00	301	P	37	05.10	0.7
GEC2	124.10	328	ePKPd	44	31.70	-0.4
	0.6s	0.60nm				

07d 09h

LCCH 1.68 228 iS 46 27.21 0.8
 LNV 1.95 214 iP 46 04.84 0.8
 iS 46 27.60
 iS 46 06.61 -0.7
 iS 46 31.93
 S.D. = 0.6 on 9 of 9 obs.

* NOV 07, 1992 09h 50m 56.75±2.13s
 38.060 N ±12.9km 26.816 E ±15.7km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.2 (ISK).

I ZM 0.49 46 iPg 51 05.50 -1.1
 iSg 51 16.60
 C I N 1.11 114 ePg 51 17.00 -0.5
 iSg 51 30.00
 E Z N 1.80 348 ePn 51 27.00 -1.1
 D S T 2.09 42 ePn 51 32.20 -0.1
 K H L 2.15 82 ePn 51 34.00 0.8
 E D C 2.42 19 ePn 51 38.00 1.0
 B N T 2.45 20 ePn 51 38.00 0.6
 K C T 2.49 28 iPn 51 38.40 0.4
 S.D. = 1.0 on 8 of 8 obs.

NOV 07, 1992 10h 26m 30.72±1.23s
 13.993 N ±9.1km 93.009 W ±5.8km
 DEPTH = 35.7 ±8.9 km
 4.6mb (34 obs.)
 OFF COAST OF CHIAPAS, MEXICO (68)

TPX 1.16 39 iP 26 53.00 2.3
 iS 27 06.00
 SCX 2.75 8 iP 27 15.25 1.8
 iS 27 47.00
 OXX 4.72 311 eP 27 40.00 -1.6
 IISM 6.50 320 eP 28 05.00 -1.5
 iS 29 16.75
 IIT 7.13 315 eP 28 17.00 1.4
 ACX 7.20 294 eP 28 15.50 -0.8
 PPM 7.38 314 iP 28 19.50 0.2
 III 7.58 306 eP 28 21.00 -0.9
 iS 29 45.50
 TPM 7.64 311 (P) 28 22.50 -0.1
 UNM 7.95 313 (P) 28 32.50 5.4x
 MRX 9.67 307 eP 28 50.50 -0.1
 CGX 11.50 301 eP 29 17.50 1.7
 AGX 11.81 313 eP 29 19.00 -0.8
 BUTX 18.06 348 Pn 30 40.76 0.1
 Lg 33 47.06
 UYO 20.13 357 iPc 31 01.70 -2.8
 MIAR 20.47 359 eP 31 05.29 -2.8
 0.8s 4.64nm 3.9mb
 OLY 21.46 3 eP 31 17.85 -0.3
 FNO 21.54 350 iPd 31 18.80 -0.2
 OCO 21.81 350 iPc 31 21.50 -0.2
 TUL 21.97 354 eP 31 23.40 0.1
 0.4s 4.60nm 4.3mb
 LNO 21.97 354 eP 31 23.20 0.0
 PRM 22.21 24 (P) 31 24.55 -1.1
 SDV 22.50 101 iPc 31 34.60 -5.7x
 JSC 22.83 26 eP 31 30.94 -0.8
 TKL 23.12 19 (P) 31 33.43 -1.1
 LHS 23.19 26 eP 31 34.89 -0.4
 ACO 23.27 347 iPd 31 35.90 -0.2
 ELC 23.44 8 (P) 31 37.45 -0.2
 ALO 24.13 332 eP 31 45.56 0.9
 0.9s 11.63nm 4.4mb
 TUC 24.42 321 eP 31 48.67 1.3
 1.0s 19.72nm 4.6mb
 CEH 25.13 27 eP 31 52.71 -1.3
 0.4s 8.80nm 4.7mb
 GOL 27.82 339 eP 32 18.07 -1.0
 0.9s 15.08nm 4.7mb
 e 32 26.49
 SRU 29.41 332 (P) 32 33.92 0.6
 ARUT 29.85 326 eP 32 38.19 0.9
 DAU 30.79 332 eP 32 46.19 0.5
 RSSD 31.47 345 eP 32 51.15 -0.4
 0.7s 6.89nm 4.6mb
 e 32 57.51
 BW06 32.04 337 eP 32 57.00 0.5
 1.0s 3.67nm 4.2mb
 HVU 32.57 332 eP 33 01.97 0.9
 ORV 35.71 321 eP 33 30.00 2.1
 LRM 35.72 337 eP 33 28.90 0.6
 ULM 36.23 357 eP 33 33.00 0.8

LPB 39.06 140 eP 33 55.00 -1.7
 LR 46 18.00
 SES 39.16 342 eP 33 57.00 0.2
 NEW 39.57 335 eP 34 00.00 -0.3
 1.0s 10.00nm 4.5mb
 SIV 43.41 132 P 34 39.60 7.6X
 e 36 27.00
 FCC 44.69 359 eP 34 44.50 2.7
 YKA 50.81 347 eP 35 29.10 -0.4
 0.7s 17.60nm 5.2mb
 FBA 62.87 337 eP 36 54.17 -1.0
 1.0s 6.72nm 4.7mb
 SPU 63.12 332 eP 36 56.29 -0.7
 MBC 63.80 353 eP 37 01.50 0.3
 1.0s 11.00nm 4.9mb
 EMON 77.42 48 eP 38 23.60 -0.5
 ERUA 77.69 49 eP 38 29.20 3.6X
 EKA 78.54 36 P 38 29.00 -1.0
 ECR1 81.04 48 eP 38 44.50 0.8
 LPF 81.04 43 eP 38 42.00 -0.7
 0.8s 6.30nm 4.7mb
 GRR 81.09 42 eP 38 43.40 -0.4
 0.7s 8.25nm 4.8mb
 FLN 81.27 42 eP 38 44.50 -0.2
 0.8s 7.50nm 4.7mb
 LDF 81.53 42 eP 38 45.80 -0.3
 0.7s 4.30nm 4.6mb
 MFF 81.92 44 eP 38 47.60 -0.5
 0.7s 1.85nm 4.2mb
 EGRA 82.71 48 eP 38 54.80 2.5
 LFF 82.87 46 eP 38 52.80 -0.3
 LSF 83.13 44 eP 38 54.40 0.0
 0.6s 2.00nm 4.4mb
 LPD 83.24 46 eP 38 54.90 -0.1
 0.6s 2.25nm 4.4mb
 RJF 83.33 45 eP 38 55.10 -0.4
 0.7s 2.55nm 4.4mb
 TCF 83.58 44 eP 38 56.20 -0.6
 0.8s 3.35nm 4.5mb
 MAF 83.83 44 eP 38 57.60 -0.4
 0.7s 2.10nm 4.4mb
 BGF 83.94 44 eP 38 58.20 -0.4
 0.7s 6.50nm 4.9mb
 AVF 84.22 43 eP 39 00.00 0.0
 0.7s 3.30nm 4.6mb
 SSF 84.26 43 eP 39 00.30 0.2
 0.8s 4.15nm 4.6mb
 LOR 84.44 43 eP 39 01.60 0.5
 0.8s 3.65nm 4.6mb
 SMF 84.58 43 eP 39 01.80 0.0
 NB2 84.62 28 P 39 03.00 1.3
 0.7s 2.40nm 4.5mb
 HAU 85.87 42 eP 39 08.80 0.6
 HFS 86.08 29 ePKP 39 08.00 -1.0
 0.5s 1.10nm 4.4mb
 KIC 86.81 84 P 39 13.70 0.3
 LRG 87.16 46 eP 39 15.20 0.7
 0.7s 3.75nm 4.7mb
 LMR 87.30 46 eP 39 15.60 0.4
 0.8s 4.85nm 4.8mb
 FRF 87.33 46 eP 39 15.90 0.5
 0.7s 3.75nm 4.7mb
 PGF 89.28 46 eP 39 24.90 0.0
 0.7s 2.45nm 4.6mb
 GEC2 90.23 39 eP 39 29.90 0.7
 0.8s 1.00nm 4.2mb
 e 39 38.10
 KAF 90.65 24 iP 39 21.10 -9.6X
 0.4s 1.70nm 4.7mb
 WB2 134.43 256 ePKP 45 50.40 2.7X
 0.7s 1.80nm
 WRA 134.44 256 PKP 45 50.80 3.1X
 0.7s 0.70nm
 GKN 138.19 3 PKP 45 57.96 3.1X
 GUN 138.33 1 PKP 45 57.88 2.6X
 KKN 138.43 2 PKP 45 58.50 3.2X
 DMN 138.61 3 PKP 45 57.34 1.6
 PKI 138.66 2 PKP 45 58.60 2.7X
 HYB 147.70 15 ePKP 46 15.00 3.8X
 GBA 150.99 19 PKP 46 24.10 7.8X
 S.D. = 1.1 on 77 of 90 obs.

* NOV 07, 1992 10h 32m 53.81±1.36s
 40.728 N ±15.6km 14.813 E ±15.9km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN ITALY (390)

SGO 0.41 114 P 33 01.70 -0.5
 eSg 33 06.80
 MGR 0.82 136 P 33 10.20 0.6
 DUI 0.97 344 P 33 13.00 0.7
 eSg 33 29.90
 SDI 1.23 323 P 33 16.10 -0.7
 TDS 1.58 132 P 33 25.50 3.5X
 BRT 1.82 85 P 33 25.40 0.0
 S.D. = 0.9 on 5 of 6 obs.

* NOV 07, 1992 10h 47m 04.24±2.66s
 38.080 N ±11.1km 27.215 E ±28.0km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

I ZM 0.32 7 iPg 47 10.00 -0.7
 iSg 47 15.50
 C I N 0.84 124 eP 47 21.00 0.1
 YER 1.27 138 ePn 47 28.00 -0.3
 KHL 1.83 82 ePn 47 37.00 0.3
 DST 1.88 35 ePn 47 37.00 -0.4
 BNT 2.34 13 ePn 47 45.00 1.0
 KCT 2.34 22 ePn 47 44.00 0.0
 S.D. = 0.7 on 7 of 7 obs.

? NOV 07, 1992 11h 03m 06.54±2.46s
 32.326 S ±24.8km 70.714 W ±15.9km
 DEPTH = 90.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.6 (SAN).

JACH 0.37 164 iP 03 20.51 -0.2
 iS 03 31.71
 ROCH 0.69 201 iPd 03 23.55 0.1
 iS 03 36.63
 PEL 0.82 178 iP+ 03 24.31 -0.2
 iS 03 38.51
 FCH 1.06 160 iPd 03 27.90 0.3
 iS 03 44.12
 PCH 1.30 173 iP 03 30.43 0.2
 iS 03 49.32
 TACH 1.34 188 iP+ 03 39.56 -0.1
 iS 03 49.38
 LCCH 1.35 212 iPd 03 31.16 0.4
 iS 03 50.51
 CHCH 1.60 178 iP+ 03 33.92 -0.2
 iS 03 55.51
 LNV 1.73 200 eP 03 35.25 -0.4
 iS 03 57.74
 S.D. = 0.3 on 9 of 9 obs.

* NOV 07, 1992 11h 17m 43.89±2.48s
 38.004 N ±13.8km 26.663 E ±20.9km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.1 (ISK).

I ZM 0.61 50 iPg 17 56.50 0.2
 iSg 18 02.50
 C I N 1.20 109 ePg 18 04.00 -2.2
 iSg 18 16.00
 YER 1.55 123 ePn 18 13.00 1.4
 EZN 1.84 352 ePn 18 15.00 -0.7
 DST 2.22 43 ePn 18 21.00 -0.3
 KHL 2.28 81 iPn 18 23.40 1.2
 BNT 2.54 22 ePn 18 27.00 1.1
 KCT 2.60 30 ePn 18 26.00 -0.7
 S.D. = 1.4 on 8 of 8 obs.

* NOV 07, 1992 11h 18m 50.63±0.85s
 42.909 N ±10.9km 12.871 E ±15.7km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)

ASS 0.22 316 P 18 54.60 -0.9
 eSg 18 59.50
 ARV 0.59 5 P 19 02.60 0.0
 eSg 19 13.30
 AQU 0.68 145 P 19 03.50 -0.7
 CRE 0.98 317 P 19 10.20 0.8
 SDI 1.39 149 P 19 16.80 0.7
 S.D. = 1.1 on 5 of 5 obs.

? NOV 07, 1992 11h 57m 44.99±2.52s
 9.667 S ±34.8km 124.675 E ±11.7km
 DEPTH = 78.9 ±29.6 km

07d 11h

4.2mb (2 obs.)
TIMOR REGION, INDONESIA (289)

KUG	1.16	245	eP	58	06.30	0.1
			e	01	05.00	
KUPT	1.16	245	eP	58	06.30	0.1
MTN	7.08	117	iPc	59	27.50	-0.5
	0.4s	135.00nm			5.9mb	X
			eS	00	46.00	
KNA	7.24	147	eP	59	30.50	0.2
	0.2s	15.00nm			5.3mb	X
			eS	00	54.00	
MBL	12.34	202	eP	00	38.60	-0.7
			eS	02	55.00	
ASPA	16.48	149	eP	01	32.60	-0.1
	0.4s	6.30nm			4.2mb	
			eS	04	32.00	
WARB	16.53	174	eP	01	34.00	0.6
QIS	18.01	129	eP	01	52.00	0.3
	0.2s	3.00nm			4.2mb	
			eS	05	09.70	
S.D. = 0.6 on 8 of 8 obs.						

* NOV 07, 1992 12h 07m 23.20±1.78s
45.131 N ±13.4km 3.213 E ±13.3km
DEPTH = 10.0km (geophysicist)

FRANCE (538)
ML 2.2 (LDG).

LBL	0.10	13	Pg	07	25.28	-0.8
			Sg	07	28.93	
COLF	0.51	41	Pg	07	29.62	-4.0X
			Sg	07	38.04	
PYM	0.64	347	Pg	07	35.32	-0.7
			Sg	07	45.88	
CAF	0.84	256	Pg	07	37.70	-1.7
			Sg	07	50.30	
PLDF	0.89	19	Pg	07	38.66	-1.6
			Sg	07	51.20	
AGO	0.92	356	Pg	07	40.04	-0.8
			Sg	07	54.05	
MAF	1.18	338	Pg	07	45.60	0.4
			Sg	08	02.90	
RJF	1.21	279	Pg	07	45.70	-0.1
			Sg	08	03.40	
TCF	1.35	329	Pg	07	48.70	0.6
			Sg	08	07.80	
BGF	1.45	350	Pg	07	49.80	0.3
			Sg	08	10.30	
LPO	1.51	253	Pg	07	50.10	-0.2
			Sg	08	10.30	
SMF	1.58	16	Pg	07	51.60	0.3
			Sg	08	12.50	
AVF	1.66	3	Pg	07	53.50	1.0
			Sg	08	16.40	
LFF	1.76	265	Pg	07	55.70	1.7
			Sg	08	19.80	
LBF	1.93	16	Pg	07	57.90	1.5
			Sg	08	23.50	
SSF	1.94	6	Pg	07	58.80	2.3X
			Sg	08	24.40	
LOR	2.18	12	Pg	08	02.90	2.8X
			Sg	08	31.90	
S.D. = 1.1 on 14 of 17 obs.						

? NOV 07, 1992 12h 40m 00.98±4.88s
37.974 N ±19.9km 26.985 E ±41.8km
DEPTH = 10.0km (geophysicist)

DODECANESE ISLANDS (369)

Izm	0.48	27	iPg	40	10.50	-0.2
			iSg	40	15.50	
CIN	0.95	113	eP	40	19.00	-0.1
KHL	2.03	79	ePn	40	39.00	3.3X
DST	2.07	38	ePn	40	36.00	-0.3
EDC	2.47	16	ePn	40	41.00	-0.8
KCT	2.51	25	ePn	40	43.80	1.3
S.D. = 1.1 on 5 of 6 obs.						

NOV 07, 1992 12h 41m 13.06±0.64s
40.447 N ±4.6km 20.101 E ±8.3km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)
ML 2.7 (TIR).

TPE	0.17	205	iPg	41	16.50	-0.4
			iSg	41	21.80	

LSK	0.48	128	iPg	41	22.40	-0.5
			iSg	41	33.40	
SRN	0.57	188	iPg	41	25.20	0.6
			iSg	41	33.90	
TIR	0.92	349	ePn	41	30.00	-0.6
			iSn	41	47.00	
LACI	1.22	346	ePn	41	36.50	0.7
			iSn	41	55.50	
PHP	1.26	12	ePn	41	35.50	-1.0
			iSn	41	55.50	
SKO	1.83	33	ePn	41	45.80	1.0
			iSn	42	11.10	
LIT	1.86	100	eP	41	48.50	3.2X
VAY	2.07	64	ePn	41	48.40	0.2
S.D. = 0.9 on 8 of 9 obs.						

? NOV 07, 1992 13h 46m 16.40±5.14s
34.441 S ±29.4km 71.626 W ±26.4km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

LNv	0.52	20	iP+	46	27.02	0.2
			iS	46	35.67	
CHCH	0.95	58	iP	46	34.75	0.2
			iS	46	49.00	
TACH	0.97	36	iP	46	34.34	-0.5
			iS	46	48.14	
PCH	1.23	49	iP	46	39.61	0.2
			iS	46	56.67	
PEL	1.51	31	iP	46	43.79	0.2
			iS	47	04.16	
ROCH	1.55	19	iP	46	44.36	0.0
			iS	47	00.96	
FCH	1.57	45	iP	46	44.46	-0.2
			iS	47	07.11	
S.D. = 0.3 on 7 of 7 obs.						

NOV 07, 1992 13h 52m 03.82±0.77s
38.008 N ±5.9km 26.989 E ±8.0km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.7 (ATH), 3.6 (ISK).

Izm	0.45	29	iPg	52	12.50	-0.4
			iSg	52	18.50	
CIN	0.96	115	ePg	52	22.00	-0.1
			iSg	52	32.00	
PRK	1.36	336	ePb	52	29.50	0.8
			eSb	52	48.50	
EZN	1.89	344	ePn	52	35.10	-1.3
KHL	2.02	80	ePn	52	39.00	0.6
DST	2.05	38	ePn	52	37.00	-1.7
EDC	2.43	16	ePn	52	46.00	1.8
BNT	2.45	17	iPn	52	44.70	0.2
KCT	2.48	25	iPn	52	46.30	1.4
ELL	2.64	118	ePn	52	47.00	-0.4
NPS	2.95	202	ePn	52	51.80	0.1
ALN	2.98	346	eP	52	51.30	-0.6
EYL	3.55	43	ePn	53	07.00	6.9X
DMK	3.85	9	ePn	53	04.00	-0.4
S.D. = 1.1 on 13 of 14 obs.						

? NOV 07, 1992 14h 14m 33.07±3.21s
31.081 S ±21.2km 68.799 W ±19.8km
DEPTH = 112.4 ±35.2 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.71	138	ePd	14	52.30	0.2
			S	15	05.70	
RTBS	0.80	224	iPd	14	52.90	0.1
			(S)	15	07.00	
RTCV	0.81	164	ePc	14	52.50	-0.4
			S	15	06.20	
RTPR	2.12	69	ePd	15	08.20	0.1
			S	15	34.90	
MRA	2.95	118	ePc	15	19.50	0.4
TCA	3.61	95	iP	15	27.90	-0.4
S.D. = 0.5 on 6 of 6 obs.						

* NOV 07, 1992 14h 36m 58.15±0.56s
42.855 N ±8.8km 85.082 E ±9.2km
DEPTH = 10.0km (geophysicist)
4.4mb (8 obs.)

NORTHERN XINJIANG, CHINA (332)

WMQ	2.14	62	iPnd	37	44.80	10.4X
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			iSn	38	17.00	
KSH	7.66	247	Pn	38	50.00	-2.6
GTA	11.63	102	eP	39	46.00	-0.5
			pP	39	52.00	
			sP	39	55.20	
GKN	14.82	182	P	40	31.18	1.5
GUN	14.93	177	P	40	32.74	1.5
KKN	15.03	179	P	40	36.84	4.3X
DMN	15.21	180	P	40	36.54	1.7
PKI	15.25	179	P	40	35.76	0.3
XAN	20.59	107	eP	41	40.00	0.2
MAIO	20.74	260	eP	41	35.00	-6.4X
TIY	21.44	95	eP	41	49.70	1.1
CHG	26.68	150	eP	42	36.50	-2.7
KAF	38.98	320	eP	44	27.10	1.3
	0.2s	0.60nm			3.9mb	

NUR	39.78	318	eP	44	32.20	-0.3
HFS	45.24	318	eP	45	17.60	0.6
	0.4s	1.00nm			4.1mb	
NB2	46.26	320	P	45	25.00	0.8
	0.5s	1.70nm			4.3mb	
LPG	54.10	302	iPc	46	26.00	0.5
	0.5s	4.80nm			4.8mb	
LPL	54.11	302	iPc	46	25.00	0.4
	0.5s	3.65nm			4.7mb	
SMF	55.37	304	iPc	46	33.00	-0.6
	0.7s	3.75nm			4.5mb	
WRA	77.19	133	P	48	52.50	-1.3
	0.5s	1.30nm			4.3mb	
WB2	77.20	133	eP	48	52.10	-1.8
	0.4s	3.80nm			4.8mb	
SPA	132.66	180	iPd	53	20.10	10.8X
S.D. = 1.4 on 18 of 22 obs.						

NOV 07, 1992 14h 37m 18.87±0.77s
1.725 N ±5.6km 127.494 E ±6.7km
DEPTH = 127.7 ±8.2 km
5.3mb (8 obs.)

HALMAHERA, INDONESIA (267)

MNI	2.67	264	iPd	38	01.20	-0.5
			eS	38	32.80	
BIP	6.57	349	eP	38	55.00	0.6
MKS	10.57	229	iPc	39	49.50	1.4
JAY	13.86	108	ePc	40	31.00	-0.1
MTN	14.92	166	eP	40	43.30	-1.2
WB2	22.56	163	iPd	42	09.10	0.0
	0.3s	104.80nm			5.7mb	
			eS	46	06.10	
QIS	25.12	152	iPc	42	33.30	-0.3
	0.2s	11.00nm			5.0mb	
ASPA	26.00	167	iPc	42	41.00	-0.7
	0.3s	41.50nm			5.5mb	
WARB	27.76	182	eP	42	57.00	-0.6
STK	36.00	159	iPc	44	09.40	0.1
	0.5s	25.50nm			5.3mb	
BRS	37.82	142	iPc	44	25.00	0.3
BJI	39.50	346	eP	44	38.50	0.1
BFD	41.15	162	iPc	44	52.80	0.8
	0.3s	3.00nm			4.5mb	
TOO	42.51	159	eP	45	04.80	1.6
	0.4s	6.00nm			4.7mb	
GUN	47.53	307	P	45	43.50	-0.2
	0.5s	39.00nm			5.4mb	
PKI	47.76	307	P	45	45.36	-0.1
KKN	47.95	307	P	45	46.40	-0.5
DMN	48.02	306	P	45	47.30	-0.1
GKN	48.56	307	P	45	51.18	-0.3
HYB	50.53	291	iPc	46	06.40	-0.1
	1.0s	50.00nm			5.3mb	
GBA	50.88	286	P	46	09.00	-0.1
S.D. = 0.7 on 21 of 21 obs.						

SNH	2.94	4	eP	52 51.44	0.6
			eS	53 24.67	
HMT	3.13	351	eP	52 53.93	0.3
			S	53 29.41	
WAX	3.21	3	iP	52 54.78	0.0
			eS	53 31.10	
YAH	3.21	13	iP	52 55.47	0.6
			eS	53 31.54	
RAGM	3.22	347	eP	52 55.11	0.1
			S	53 32.73	
SGAM	3.41	343	eP	52 57.93	0.4
			S	53 36.47	
CROM	3.51	1	iP	52 59.21	0.1
			eS	53 39.63	
TGL	3.51	3	iP	52 59.32	0.2
			eS	53 39.58	
CVA	3.55	339	eP	52 59.21	-0.2
			S	53 39.18	
HIN	3.58	333	eP	53 00.01	0.1
LTJ	3.69	321	eP	53 00.82	-0.7
BALM	3.81	6	iP	53 03.58	0.1
			S	53 47.22	
CTGM	3.84	14	eP	53 03.90	0.0
FID	3.88	336	eP	53 04.37	0.1
KNIM	3.88	325	eP	53 03.83	-0.5
GLI	4.14	333	eP	53 07.55	-0.4
VLZ	4.20	339	eP	53 08.15	-0.5
			eS	53 53.31	
GLB	4.21	356	iP	53 08.76	-0.2
			eS	53 56.33	
PLBC	4.23	56	Pd	53 08.40	-0.8
SIT	4.31	89	eP	53 05.15	-5.2X
			S	53 50.91	
SEW	4.32	314	eP	53 10.56	0.1
KLU	4.46	343	eP	53 12.08	-0.5
MPA	4.54	318	eP	53 13.52	0.0
HYT	4.64	37	P	53 15.00	-0.2
PTE	4.69	323	eP	53 15.12	-0.6
CNPM	4.79	302	eP	53 17.58	0.4
SLKM	4.87	315	eP	53 18.66	0.3
TZL	4.93	348	eP	53 19.51	0.4
KNK	4.95	329	eP	53 19.91	0.5
KDC	5.02	279	eP	53 21.80	1.5
SCM	5.04	337	eP	53 20.55	-0.2
SYI	5.07	289	eP	53 20.06	-1.0
TOA	5.08	344	eP	53 21.80	0.4
PMS	5.15	324	eP	53 23.40	1.1
SML	5.25	332	eP	53 23.27	-0.4
PLRM	5.29	328	eP	53 23.85	-0.3
PMR	5.29	328	eP	53 25.32	1.2
GHO	5.37	330	eP	53 26.02	0.5
SDG	5.41	349	eP	53 25.66	-0.3
PWA	5.56	325	eP	53 29.30	1.3
SUA	5.70	321	eP	53 29.84	-0.3
CDD	5.77	291	eP	53 30.81	-0.2
PAX	5.84	350	eP	53 31.54	-0.5
INE	5.85	303	eP	53 31.64	-0.6
RED	5.88	307	eP	53 32.21	-0.4
REF	5.88	307	eP	53 32.49	-0.2
CGLM	6.06	316	eP	53 35.12	0.0
PDB	6.28	298	eP	53 38.34	0.2
SKT	6.33	322	eP	53 38.77	-0.2
DWY	7.07	14	P	53 48.70	-0.5
TRF	7.12	334	eP	53 50.15	-0.1
SVW	7.44	306	eP	53 53.35	-1.1
FBA	7.98	346	eP	54 00.15	-1.8X
SDN	9.79	266	eP	54 27.62	0.6
IMA	10.12	335	eP	54 30.37	-1.3

S.D. = 0.6 on 57 of 59 obs.

? NOV 07, 1992 15h 23m 31.80±1.44s
 44.446 N ±16.2km 148.796 E ±18.3km
 DEPTH = 33.0km (normal)
 4.0mb (2 obs.)

KURIL ISLANDS (221)

KUSJ	3.25	247	iPd	24 21.00	-0.6
			eS	24 53.10	
ASAJ	4.43	268	eP	24 40.50	2.0
HOJ	4.51	245	eP	24 41.30	1.7
			eS	25 28.60	
MRRJ	5.98	253	eP	25 01.30	1.1
			eS	26 03.90	
AOMJ	7.33	241	eP	25 17.70	-1.6
OFUJ	7.56	227	eP	25 21.50	-0.9
			eS	26 36.50	
YAMJ	9.09	229	eP	25 42.50	-1.2

CHG	48.61	255	eP	32 14.90	0.6
GUN	52.16	274	P	32 41.18	-0.5
KKN	52.65	274	P	32 45.18	-0.1
PKI	52.69	274	P	32 44.76	-0.9
DMN	52.89	274	P	32 46.22	-0.8
GKN	52.99	275	P	32 46.72	-1.0
WRA	65.43	195	P	34 15.60	2.2
	0.5s	0.60nm		3.9mb	
NB2	69.38	339	P	34 37.80	-0.1
	0.5s	1.00nm		4.1mb	

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

? NOV 07, 1992 15h 29m 59.55±1.77s
 31.812 N ±49.7km 138.059 E ±55.4km
 DEPTH = 414.9 ± 56.5 km
 4.2mb (5 obs.)

SOUTH OF HONSHU, JAPAN (211)

MAT	4.72	1	iPd	31 20.00	-0.1
	0.6s	57.33nm			
		iS	32 21.70		
BJI	19.50	301	eP	33 58.50	0.1
CHG	37.45	259	ePd	36 37.00	0.1
	0.8s	12.50nm		4.3mb	
GUN	45.07	279	P	37 38.54	0.0
PKI	45.57	279	P	37 42.10	-0.3
KKN	45.61	279	P	37 42.58	0.0
DMN	45.81	279	P	37 44.26	0.0
GKN	46.08	280	P	37 46.30	0.1
WB2	51.58	184	iPc	38 28.00	0.7
	0.6s	5.90nm		4.1mb	
WRA	51.58	184	P	38 28.50	1.2
	0.5s	2.20nm		3.7mb	
ASPA	55.31	185	eP	38 52.00	-2.1
	0.8s	9.40nm		4.2mb	
HYB	55.35	270	eP	38 54.50	-0.2
MBL	55.49	201	iPd	38 54.10	-1.3
	0.4s	12.00nm		4.6mb	
GBA	58.08	267	P	39 14.00	0.4
WARB	58.69	192	eP	39 19.00	1.5

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

NOV 07, 1992 16h 33m 16.61±0.56s
 38.128 N ± 5.6km 26.818 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 3.5mb (1 obs.)

AEGEAN SEA (365)

ML 3.7 (ATH). MD 3.6 (ISK).

IZM	0.44	52	iPg	33 25.60	0.0
			iSg	33 31.60	
CIN	1.13	117	ePg	33 36.00	-1.8
			iSg	33 47.00	
PRK	1.20	339	ePb	33 41.00	2.1X
EZN	1.74	347	ePn	33 46.10	-0.9
DST	2.04	43	iPn	33 50.30	-1.2
KHL	2.14	84	ePn	33 54.00	1.1
EDC	2.36	20	iPn	33 56.50	0.5
BNT	2.38	21	iPn	33 56.70	0.4
KCT	2.43	29	iPn	33 57.20	0.2
ATH	2.45	267	ePn	33 58.50	1.2
ELL	2.82	118	ePn	34 06.00	3.3X
ALN	2.83	348	ePd	34 03.50	0.9
NPS	3.02	199	ePn	34 05.00	-0.3
BCK	3.06	101	ePn	34 08.00	2.0
VLI	3.39	247	ePn	34 10.00	-0.7
ISK	3.41	30	ePn	34 10.00	-0.8
HRT	3.48	38	ePn	34 12.30	0.4
EYL	3.55	46	ePn	34 13.30	0.3
DMK	3.76	11	ePn	34 14.70	-1.2
VAY	4.57	316	ePn	34 42.00	14.7X
GEC2	14.31	323	ePnd	36 45.90	4.6X
	0.8s	0.87nm		3.5mb	

S.D. = 1.1 on 17 of 21 obs.

* NOV 07, 1992 16h 46m 26.38±2.06s
 38.084 N ±12.6km 26.845 E ±15.4km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

MD 3.3 (ISK).

IZM	0.45	46	iPg	46 34.60	-1.0
			iSg	46 40.60	
CIN	1.09	116	ePg	46 46.00	-0.9
			iSg	46 58.00	
EZN	1.79	347	ePn	46 57.10	-0.3
DST	2.06	42	ePn	47 01.80	0.3

KHL	2.12	83	ePn	47 04.00	1.5
EDC	2.39	19	ePn	47 06.00	-0.2
BNT	2.42	20	ePn	47 06.80	0.2
KCT	2.46	28	ePn	47 07.70	0.5

S.D. = 1.0 on 8 of 8 obs.

* NOV 07, 1992 17h 37m 56.28±1.59s
 9.095 N ± 8.5km 126.871 E ±14.6km
 DEPTH = 44.9 ± 12.8 km
 4.4mb (6 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP	1.06	215	iPd	38 14.00	-0.9
			iS	38 29.00	
CGP	2.24	254	iPd	38 32.00	0.3
			iS	39 02.00	
DAV	2.37	213	eP	38 37.90	4.4X
	1.3s	892.31nm			
		eS	39 20.80		
PLP	2.78	318	ePc	38 39.00	-0.3
MAP	3.10	293	eP	38 45.70	1.8
			eS	39 20.70	
MNI	7.87	195	e(P)	39 56.50	5.5X
BAG	9.51	320	eP	40 13.00	-0.9
SSE	22.52	347	Pd	42 54.50	1.0
	1.0s	18.00nm		4.5mb	
IPM	26.04	262	ePc	43 28.40	1.0
CHG	28.73	293	eP	43 51.00	-0.9
WRA	29.78	166	P	44 00.80	-0.4
	0.5s	1.20nm		3.9mb	
WB2	29.78	166	eP	43 59.60	-1.6
	0.5s	3.60nm		4.4mb	
QIS	32.02	157	eP	44 23.00	2.1
	0.5s	4.00nm		4.5mb	
BJI	32.26	345	eP	44 23.00	0.3
	1.0s	11.00nm		4.7mb	
ASPA	33.28	168	eP	44 32.00	0.2
	1.0s	4.90nm		4.3mb	
GUN	42.88	301	P	45 52.04	-0.6
PKI	43.17	301	P	45 53.70	-1.3
KKN	43.35	301	P	45 55.56	-0.7
DMN	43.44	301	P	45 56.46	-0.7
GKN	43.95	301	P	46 00.28	-0.9
GBA	48.61	280	P	46 40.00	2.1
MAIO	66.46	306	eP	48 44.00	0.4

S.D. = 1.2 on 20 of 22 obs.

? NOV 07, 1992 17h 41m 45.08±5.33s
 34.049 S ±26.1km 70.019 W ±29.4km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

CHCH	0.54	282	iPd	41 56.15	0.2
			iS	42 03.28	
PCH	0.59	316	iP+	41 56.83	-0.3
			iS	42 04.18	
FCH	0.75	342	iPd	41 59.93	-0.1
			iS	42 09.56	
TACH	0.86	297	iPd	42 01.56	-0.1
			iS	42 12.52	
PEL	1.06	328	iPd	42 05.39	0.3
			iS	42 18.62	
LNV	1.16	274	iPd	42 06.70	0.0
			iS	42 21.67	
ROCH	1.36	322	iP+	42 10.42	0.2
			iS	42 27.40	
LCCH	1.41	293	iPd	42 10.70	-0.1
			iS	42 28.86	

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

* NOV 07, 1992 18h 04m 29.84s
 35.784 N 119.929 W
 DEPTH = 13.7km
 CENTRAL CALIFORNIA (39)
 <GM-P>. MD 2.8 (GM). ML 3.0
 (BRK). 2.6 (GS). 2.6 (PAS).

PKEM	0.31	332	ePn	04 36.80	0.2
PHAM	0.39	278	eP	04 37.74	-0.2
			S	04 48.67	
PRI	0.70	301	iPc	04 43.30	0.0
			eS	04 55.63	
ABL	1.10	148	eP	04 48.57	-1.7
			S	05 03.80	
LLA	1.17	316	iPc	04 49.92	-1.4
			eS	05 06.55	

07d 18h

ISA	1.19	95	ePd	04 49.45	-2.3
			eS	05 04.60	
FRI	1.22	8	eP	04 49.90	-2.2
			eS	05 05.33	
PRS	1.29	296	iPc	04 51.58	-1.8
SAO	1.57	309	eP	04 56.00	-1.3
MTUM	1.91	35	iPd	05 01.73	-0.8
			S	05 26.37	
MMPM	1.96	21	eP	05 02.00	-1.3
			eS	05 26.96	
ARN	2.03	321	(P)	05 03.57	-0.4
MEMM	2.04	23	eP	05 03.87	-0.3
			eS	05 27.71	
MRCM	2.20	31	eP	05 06.11	-0.6
			eS	05 34.67	
SSK	2.42	130	eP	05 08.54	-1.2
BONR	2.53	31	eP	05 12.32	0.9
			Lg	05 46.41	
GSC	2.59	100	eP	05 10.69	-1.5

17 obs. associated

* NOV 07, 1992 20h 39m 59.94± 2.17s
38.049 N ±13.1km 27.022 E ±18.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.0 (ISK).

IZM	0.40	28	iPg	40 07.10	-1.0
			iSg	40 13.10	
CIN	0.95	118	ePg	40 18.00	-0.1
			iSg	40 33.00	
EZN	1.86	343	ePn	40 31.00	-1.0
DST	2.00	38	ePn	40 33.50	-0.6
EDC	2.39	16	ePn	40 41.00	1.3
BNT	2.41	17	ePn	40 40.70	0.7
KCT	2.43	25	ePn	40 41.00	0.7

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

NOV 07, 1992 20h 53m 01.42± 0.47s
38.164 N ± 5.0km 26.868 E ± 3.5km
DEPTH = 8.0 ± 2.8 km
3.5mb (1 obs.)

AEGEAN SEA (365)
ML 3.6 (ATH), 3.6 (THE). MD 3.7 (ISK).

IZM	0.39	53	iPg	53 08.60	-0.7
			iSg	53 14.60	
CIN	1.12	120	ePg	53 17.00	-5.5X
			iSg	53 31.00	
PRK	1.18	337	ePb	53 24.50	1.0
EZN	1.71	346	ePn	53 31.20	-0.5
DST	1.99	43	ePn	53 36.50	0.7
KHL	2.10	85	iPn	53 37.40	0.0
EDC	2.31	19	iPn	53 42.00	1.6
BNT	2.34	20	iPn	53 40.70	0.0
KCT	2.38	29	ePn	53 41.10	-0.3
ATH	2.49	267	ePn	53 42.00	-0.9
ALT	2.69	70	ePn	53 45.00	-0.9
ALN	2.80	347	ePn	53 47.20	-0.1

			eSn	54 21.76	
ELL	2.80	119	iPn	53 48.80	1.3
BCK	3.03	102	ePn	53 51.00	0.4
PAIG	3.04	306	ePn	53 50.52	-0.2
NPS	3.07	200	ePn	53 50.80	-0.3
HRT	3.43	38	ePn	53 56.20	0.0
EYL	3.50	46	ePn	53 55.20	-2.1
AGG	3.66	285	ePn	53 59.68	0.2
SOH	3.80	315	ePnd	54 01.72	0.2

			eSn	54 47.04	
SRS	3.88	320	ePnd	54 02.84	0.1
LIT	3.91	301	ePn	54 02.68	-0.5
KNT	4.28	316	ePn	54 08.68	0.3

			eSn	54 57.48	
GRG	4.44	310	ePn	54 10.60	0.0
VAY	4.57	315	ePn	54 12.70	0.3
MLR	7.35	355	eP	55 04.00	12.2X
VRI	7.70	359	eP	55 04.00	7.5X

GEC2	14.30	322	eP	56 32.90	6.6X
	0.6s		0.71nm		3.5mb
WRA	115.55	96	PKP	11 39.20	-6.8X
	1.2s		0.30nm		

WRA	115.55	96	PKP	11 52.00	6.0X
	0.8s		0.20nm		

S.D. = 0.8 on 24 of 30 obs.

* NOV 07, 1992 21h 32m 57.16± 3.83s

31.519 S ±17.1km 72.214 W ±30.8km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 4.4 (SAN).

IHA	1.58	162	eP	33 26.00	0.8
			i(S)	33 43.50	
ROCH	1.77	145	iPd	33 27.54	-0.7
			iS	33 47.93	
JACH	1.80	131	eP	33 27.23	-1.3
			iS	33 46.47	
LCCH	2.03	165	iP+	33 32.31	0.6
PEL	2.07	142	iP+	33 32.06	-0.4
			iS	33 54.88	
SAN	2.33	146	(P)	33 36.47	0.3
			iS	34 02.89	
RTBS	2.36	94	iPd	33 37.90	1.4
TACH	2.39	153	iP	33 37.28	0.4
			iS	34 05.27	
FCH	2.43	138	eP	33 37.36	-0.5
PCH	2.54	146	eP	33 38.86	-0.3
			iS	34 10.38	

CHCH 2.74 152 iP 33 42.19 0.1
RTCB 2.92 90 ePd 33 50.80 6.3X
ZON 3.02 91 iPd 33 48.40 2.5
RTCV 3.15 97 ePd 33 49.10 1.3
MDZ 3.16 116 eP 33 48.80 0.8

RTLL 3.21 88 ePc 33 49.60 1.0
CFA 3.39 93 eP 33 52.10 0.8
RFA 4.52 137 eP 34 06.70 -0.5

			i(S)	34 28.80	
			iS	34 27.50	
			S	34 33.00	
			S	35 03.00	
RTPR	5.05	78	e(P)c	34 14.80	0.1
MRA	5.60	101	e(P)	34 20.20	-2.3
CYA	6.36	63	eP	34 32.00	-1.2
TCA	6.52	90	iP	34 32.80	-2.7
			(S)	35 41.50	

S.D. = 1.3 on 21 of 22 obs.

* NOV 07, 1992 21h 40m 33.79± 2.02s
32.022 S ±11.4km 71.454 W ±16.1km
DEPTH = 10.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)
MD 4.1 (SAN).

JACH	0.98	132	eP	40 53.07	0.6
			iS	41 12.69	
IHA	1.01	189	eP	40 54.50	1.6
			e(S)	41 13.00	
ROCH	1.02	159	iPd	40 53.44	0.2
			iS	41 14.28	
PEL	1.29	150	iPd	40 58.04	0.3
			iS	41 21.32	
LCCH	1.45	184	iP+	40 58.22	-1.8
FCH	1.63	143	iP	41 03.26	0.3
			iS	41 31.24	
TACH	1.68	165	iPd	41 03.14	-0.3
			iS	41 33.24	
RTBS	1.74	79	iPc	41 04.30	0.1
PCH	1.78	154	iP	41 04.67	-0.2
			iS	41 36.14	
CHCH	2.02	161	iP	41 08.13	-0.2
ZON	2.41	79	eP	41 13.40	-0.6
RTCV	2.49	87	ePd	41 15.20	0.2
			(S)	41 51.50	
RFA	3.71	138	ePd	41 32.60	0.2
RTPR	4.57	69	ePc	41 46.20	1.7
MRA	4.89	96	e(P)	41 47.00	-2.0
TCA	5.89	85	eP	41 58.40	-4.9X
			(S)	43 13.00	

S.D. = 1.1 on 15 of 16 obs.

* NOV 07, 1992 22h 03m 22.02± 2.52s
7.568 S ±22.1km 127.843 E ±16.8km
DEPTH = 162.6 ± 26.3 km

BANDA SEA (280)

KUG	4.91	238	eP	04 35.60	0.3
			eS	05 23.00	
			e	08 00.00	
KUPT	4.91	238	eP	04 35.60	0.4
			eS	05 23.00	
MTN	6.16	149	eP	04 52.30	0.4

0.3s 146.00nm 5.7mb
eS 05 59.00
KNA 8.18 174 iPd 05 17.30 -1.5
0.2s 85.00nm 5.9mb
eS 06 42.50

WB2	13.83	153	iPd	06 30.10	-2.3
	0.7s		38.90nm		4.9mb
			eS	08 53.50	
ASPA	17.03	161	eP	07 12.20	0.1
			i	07 14.70	
			eS	10 12.10	
QIS	17.21	140	eP	07 16.60	2.3
	0.1s		9.00nm		5.1mb
			eS	10 18.80	
WARB	18.55	183	eP	07 30.00	1.0
GUN	53.74	313	P	12 30.20	0.0
KKN	54.11	312	P	12 32.20	-0.5
DMN	54.14	312	P	12 32.40	-0.6
GKN	54.70	312	P	12 37.20	0.3

S.D. = 1.4 on 12 of 12 obs.

? NOV 07, 1992 22h 04m 14.93± 6.92s
38.032 N ±30.2km 27.177 E ±68.2km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

IZM	0.37	10	iPg	04 22.10	-0.5
			iSg	04 26.10	
CIN	0.84	121	eP	04 31.00	-0.1
KHL	1.87	80	ePn	04 52.00	4.6X
DST	1.94	35	ePn	04 48.00	-0.3
EDC	2.37	13	ePn	04 54.00	-0.5
KCT	2.40	22	ePn	04 56.10	1.3

S.D. = 1.0 on 5 of 6 obs.

* NOV 07, 1992 22h 09m 55.20± 0.72s
0.431 S ±14.2km 91.535 W ±14.4km
DEPTH = 10.0km (geophysicist)
4.7mb (8 obs.)

GALAPAGOS ISLANDS (697)

LPB	28.10	126	P	15 49.80	-0.1
			LR	23 46.00	
SIV	33.79	119	eP	16 40.00	0.2
JSC	35.85	15	(P)	16 56.73	-0.4
TUC	37.30	333	eP	17 09.17	-0.3
	0.8s		6.08nm		4.4mb
ALQ	37.86	340	eP	17 14.62	0.4
	0.8s		10.14nm		4.6mb
GLA	39.89	329	eP	17 31.16	0.1
PLM	41.20	327	eP	17 42.43	0.4
GOL	41.90	344	eP	17 47.93	0.2
	1.1s		35.63nm		5.0mb
SRU	43.03	338	eP	17 56.88	-0.1
ARUT	43.07	334	eP	17 58.37	1.1
MSU	43.16	336	eP	17 58.27	0.2
JFWS	43.17	1	eP	17 53.75	-4.0X
	0.4s		22.08nm		5.3mb
EMUT	43.76	338	eP	18 02.73	-0.2
DAU	44.44	338	eP	18 08.86	0.3
MEMM	45.58	329	eP	18 17.84	0.6
BW06	45.97	342	eP	18 20.50	-0.1
	0.7s		2.24nm		4.3mb
HVU	46.20	338	eP	18 21.95	-0.4
RSNY	47.27	17	eP	18 30.51	-0.1
	0.8s		10.00nm		5.0mb

HHA1	47.37	339	(P)	18 31.22	-0.3
EEO	48.14	12	eP	18 40.50	3.2X
LRM	49.62	341	eP	18 47.40	-1.7
ULM	50.62	356	eP	18 57.50	1.2
LMN	51.76	24	eP	19 05.50	0.4
NEW	53.34	339	eP	19 15.89	-1.0

	0.9s		5.26nm		4.5mb
YKA	65.13	348	eP	20 35.00	-3.2X
	0.8s		4.90nm		4.7mb
MBC	78.20	353	eP	21 55.50	-0.5
WB2	130.71	243	ePKP	29 06.00	-3.2X
	0.5s		2.00nm		

WRA	130.72	243	PKP	29 06.70	-2.5X
	0.6s		0.60nm		

S.D. = 0.6 on 23 of 28 obs.

* NOV 07, 1992 23h 07m 55.01± 0.91s
2.813 S ±10.7km 141.042 E ± 9.1km
DEPTH = 10.0km (geophysicist)
4.7mb (5 obs.)

NEAR N COAST

JAY 0.45 311 iPc 08 03.60 -0.6
 iS 08 22.80
 WWKK 2.70 107 eP 08 40.00 0.7
 WBZ 18.24 200 iPc 12 09.80 -0.2
 0.6s 31.20nm 4.6mb
 KUG 18.79 246 eP 12 17.80 1.0
 KUPT 18.79 246 e(P) 12 17.80 1.1
 ASPA 21.85 198 iPd 12 49.50 -0.3
 0.6s 16.50nm 4.6mb
 eS 17 09.30
 RMO 24.68 163 iPc 13 18.20 0.8
 0.4s 15.00nm 5.0mb
 WARB 27.04 209 eP 13 39.00 -0.5
 STK 28.92 179 eP 13 54.50 -1.9
 0.7s 1.50nm 3.9mb
 BFD 34.22 178 iPd 14 42.90 -0.1
 0.4s 6.00nm 4.9mb
 S.D. = 1.0 on 10 of 10 obs.

* NOV 07, 1992 23h 29m 44.95±2.21s
 38.007 N ±13.2km 26.931 E ±17.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.2 (ISK).

IZM 0.47 34 iPg 29 54.60 0.1
 iSg 29 58.60
 CIN 1.00 114 ePg 30 04.00 0.1
 iSg 30 17.00
 EZN 1.88 346 ePn 30 17.20 -0.1
 KHL 2.07 80 ePn 30 23.40 3.2X
 DST 2.08 39 ePn 30 19.40 -0.9
 KCT 2.50 26 ePn 30 27.10 0.8
 S.D. = 0.9 on 5 of 6 obs.

% NOV 07, 1992 23h 51m 22.96±1.81s
 45.335 S ±9.9km 167.065 E ±17.9km
 DEPTH = 155.0 ±15.3 km
 SOUTH ISLAND, NEW ZEALAND (162)

BCZ 0.86 141 P 51 46.50 -0.9
 S 51 59.90
 TLC 1.42 85 P 51 52.60 0.0
 MMCZ 1.50 78 P 51 53.70 0.4
 CMZ 1.57 84 P 51 54.10 0.0
 S 52 13.40
 MHZ 1.59 81 Pd 51 54.50 0.2
 SBCZ 1.61 82 Pd 51 54.50 0.1
 LRCZ 1.64 81 Pd 51 54.90 0.1
 LSCZ 1.64 83 Pd 51 54.80 0.0
 SZ 1.71 155 Pc 51 55.80 0.4
 TUZ 1.91 110 P 51 58.00 0.4
 S 52 19.00
 BWZ 2.16 69 P 52 00.60 0.0
 LMZ 2.26 45 P 52 01.80 0.0
 ODZ 2.55 85 P 52 05.30 0.0
 EWZ 3.27 57 P 52 14.40 0.0
 MQZ 4.31 70 eP 52 27.40 -0.7
 eS 53 11.30
 LTZ 4.54 58 P 52 30.50 -0.6
 S 53 18.60
 DSZ 4.97 45 eP 52 36.70 -0.2
 QRZ 6.02 44 eP 52 51.70 0.8
 S.D. = 0.4 on 18 of 18 obs.

* NOV 07, 1992 23h 54m 19.06±0.72s
 17.209 N ±8.5km 120.969 E ±10.2km
 DEPTH = 33.0km (normal)
 LUZON, PHILIPPINE ISLANDS (249)

BCP 0.86 204 eP 54 35.20 0.5
 eS 54 48.00
 BAG 0.88 205 eP 54 35.00 -0.2
 CVP 0.95 59 iPc 54 35.70 -0.4
 iS 55 20.00
 PIP 1.16 343 iPc 54 35.60 -3.4X
 iS 54 52.50
 QCP 2.56 178 iP 55 05.00 5.9X
 QVP 2.57 179 eP 55 05.00 5.7X
 TGY 3.09 181 ePc 55 00.50 -6.1X
 CHG 21.01 278 eP 59 03.00 0.7
 BJI 23.13 351 eP 59 24.50 1.3
 GUN 34.00 295 P 01 02.00 -0.5
 KKN 34.50 294 P 01 06.90 0.3
 DMN 34.62 294 P 01 07.20 -0.5
 GKN 35.10 294 P 01 10.50 -1.2
 S.D. = 0.9 on 9 of 13 obs.

NOV 07, 1992 23h 55m 50.98±0.29s
 49.151 N ±2.4km 6.812 E ±3.4km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 3.1 (GRF), 3.1 (STR), 3.0
 (BNS).

RUP 0.58 16 ePg 56 02.16 -0.5
 WLF 0.67 320 iPd 56 04.74 0.5
 iS 56 14.25
 LANF 0.68 104 Pg 56 03.56 -0.8
 SRBF 0.72 109 Pg 56 05.61 0.4
 Sg 56 15.39
 HOFF 0.79 105 Pg 56 06.54 0.3
 CDF 0.80 157 Pg 56 05.68 -0.9
 Sg 56 16.23
 WLS 0.82 154 Pg 56 06.11 -0.8
 STR 0.85 132 Pg 56 07.65 0.3
 ABH 0.88 33 ePg 56 07.24 -0.6
 ECH 0.96 166 Pg 56 08.83 -0.5
 VITF 1.00 211 Pg 56 11.30 -0.1
 Sg 56 26.87
 LIBD 1.13 152 Pg 56 12.92 0.8
 MOF 1.32 171 Pg 56 15.81 0.4
 Sg 56 33.93
 BSF 1.32 181 Pg 56 15.39 -0.1
 TOD 1.38 70 ePg 56 13.88 -2.4
 FEL 1.50 148 ePg 56 17.08 -1.0
 TNS 1.51 44 iPnd 56 19.50 1.3
 eSn 56 36.20
 iSg 56 38.40
 KLL 1.53 348 ePnd 56 17.70 -0.7
 iSn 56 39.60
 MEM 1.55 341 iPd 56 18.41 -0.2
 iS 56 41.46
 ENN 1.72 341 ePn 56 20.50 -0.5
 0.8s 57.00nm
 iPb 56 23.20
 iPg 56 26.00
 eS 56 46.50
 DOU 1.72 304 iPd 56 21.50 0.3
 iS 56 47.30
 SLE 1.78 140 iPc 56 21.40 -0.6
 LOMF 1.80 180 Pn 56 21.68 -0.7
 BNS 1.83 7 ePnc 56 24.25 1.6
 0.7s 132.00nm
 iPg 56 25.83
 iSn 56 47.00
 eSg 56 47.73
 ZLA 1.97 147 ePc 56 28.20 3.4X
 SNF 2.13 311 iPd 56 27.38 0.4
 UCC 2.29 317 iP 56 34.00 4.7X
 LLS 2.71 146 iPd 56 36.30 0.7
 WTS 2.85 360 eP 56 44.50 7.2X
 0.7s 7.00nm
 GRF 2.93 78 ePn 56 40.00 1.5
 ePg 56 45.80
 eSg 57 22.00
 EMS 3.08 178 ePd 56 40.00 -0.8
 DIX 3.10 172 ePd 56 41.10 0.0
 FUR 3.12 107 ePn 56 41.70 0.6
 MMK 3.20 165 ePd 56 42.80 0.3
 VDL 3.21 145 ePd 56 43.40 0.8
 OSS 3.33 136 Pd 56 45.00 0.7
 TMA 3.35 155 Pc 56 45.50 0.9
 RSL 3.47 182 Pn 56 44.83 -1.4
 HOF 3.49 69 ePn 56 57.00 10.7X
 VAI 3.54 157 P 56 47.30 0.2
 ORO 3.62 167 P 56 49.10 0.8
 WATA 3.67 118 eP 56 49.00 -0.1
 WTTA 3.74 119 iP 56 50.60 0.5
 MDI 3.91 149 P 56 52.90 0.6
 WET 3.98 88 ePn 56 53.20 -0.2
 BNI 4.10 181 P 56 58.70 3.5X
 KHC 4.44 88 Pn 56 58.80 -1.1
 Pg 57 19.30
 eSn 57 49.50
 eSg 58 14.00
 GEC2 4.55 91 Pn 57 00.10 -1.4
 Sn 57 48.10
 Sg 58 12.80
 FVI 4.76 120 P 57 06.10 1.7
 BRG 4.91 67 ePg 57 28.00 21.4X
 iSg 58 26.00
 PRU 5.10 78 eP 58 09.50 60.3X
 eSg 58 35.00

S.D. = 0.9 on 44 of 51 obs.

? NOV 08, 1992 00h 12m 44.34±2.77s
 42.959 N ±16.7km 8.577 W ±22.1km
 DEPTH = 10.0km (geophysicist)
 SPAIN (377)
 mbLg 2.6 (MDD).

STS 0.08 165 ePg 12 47.00 0.2
 eSg 12 48.80
 EZAM 0.81 186 ePg 13 00.00 -0.1
 eSg 13 10.00
 EMON 1.03 62 ePg 13 03.80 0.0
 eSg 13 16.80
 ERUA 1.20 118 ePg 13 06.70 0.0
 eSg 13 21.80
 S.D. = 0.3 on 4 of 4 obs.

? NOV 08, 1992 00h 46m 09.03±6.11s
 38.078 N ±46.0km 27.319 E ±22.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

IZM 0.32 352 iPg 46 15.50 -0.2
 iSg 46 20.50
 DST 1.84 33 ePn 46 40.00 -0.9
 EZN 1.91 336 ePn 46 41.80 -0.1
 KCT 2.31 20 ePn 46 49.00 1.2
 S.D. = 1.5 on 4 of 4 obs.

% NOV 08, 1992 00h 55m 45.36±0.93s
 40.756 N ±6.3km 27.485 E ±8.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

EDC 0.50 145 iPg 55 55.50 0.0
 BNT 0.52 140 iPg 55 55.90 0.0
 KCT 0.84 127 iPg 56 00.60 -0.9
 iSg 56 14.10
 DMK 1.08 11 ePg 56 05.90 0.2
 eSg 56 20.90
 ISK 1.23 75 ePn 56 08.00 -0.3
 EZN 1.28 224 iPn 56 08.80 -0.4
 DST 1.45 142 iPn 56 13.00 1.4
 S.D. = 0.9 on 7 of 7 obs.

NOV 08, 1992 01h 40m 31.57±3.44s
 38.178 S ±34.3km 143.709 E ±12.4km
 DEPTH = 10.0km (geophysicist)
 NEAR S.E. COAST OF AUSTRALIA (603)
 ML 3.6 (TOO), 3.4 (BFD).

BFD 1.36 317 eP 40 56.40 -0.2
 eS 41 24.00
 TOO 1.53 67 iPc 40 59.20 0.1
 iS 41 22.30
 CAN 5.12 58 eP 41 50.00 -0.1
 eSn 42 38.50
 eSg 42 56.20
 STK 6.52 344 eP 42 10.20 0.3
 eS 43 27.00
 CMS 6.90 15 eP 42 15.00 -0.2
 eS 43 38.00
 S.D. = 0.3 on 5 of 5 obs.

NOV 08, 1992 02h 17m 23.08±0.81s
 25.904 N ±8.3km 109.959 W ±9.4km
 DEPTH = 10.0km (geophysicist)
 4.5mb (4 obs.) 4.3msz (2 obs.)
 GULF OF CALIFORNIA (49)

MZX 4.19 129 eP 18 27.25 -1.2
 (S) 19 21.00
 TUC 6.42 354 eP 18 59.35 -0.8
 GLA 8.29 330 eP 19 26.71 0.5
 eS 20 56.00
 MRX 10.17 126 (P) 19 53.50 1.4
 ABL 11.97 320 eP 20 17.34 0.4
 ARUT 12.21 347 (P) 20 18.78 -1.3
 BCH 12.71 319 eP 20 30.15 3.4X
 MSU 12.71 352 eP 20 28.44 1.6
 SRU 13.18 358 eP 20 32.88 -0.2
 EMUT 13.89 357 eP 20 43.18 0.7
 ACO 14.17 38 iPd 20 57.30 11.3X
 OCO 14.38 45 iPc 20 59.50 10.8X

08d 02h

DUG 14.45 351 eP 20 49.41 -0.3
1.6s 17.83nm 4.5mb
DAU 14.51 356 eP 20 51.14 0.5
ARN 15.06 322 eP 21 03.39 5.7X
UYO 15.73 55 iPd 21 12.30 5.9X
RLO 16.37 48 e(P) 21 13.30 -1.2
e 21 20.30
MIAR 16.56 55 eP 21 18.49 1.6
1.1s 19.30nm 4.1mb
PTI 17.04 354 eP 21 22.98 -0.1
OLY 18.53 55 eP 21 40.76 -0.7
RSSD 18.80 13 eP 21 43.50 -1.5
2.5s 415.45nm 5.2mb
LRM 19.98 355 eP 21 58.00 -0.6
FVM 20.44 49 eP 22 03.68 0.4
1.3s 39.51nm 4.6mb
ELC 20.94 52 eP 22 10.32 1.9
LON 22.84 339 eP 22 27.16 -0.3
PRM 25.20 65 eP 22 54.38 4.1X
RSNY 34.05 48 P 24 20.00 10.5X
Z 21s 0.52um 4.2Msz
HON 44.07 275 P 25 50.00 16.9X
Z 19s 0.48um 4.4Msz
LPB 58.63 131 eP 27 26.00 2.5X
SIV 63.21 126 P 27 52.40 -1.7
WRA 120.98 261 PKP 36 19.20 1.2
0.7s 0.40nm

S.D. = 1.1 on 22 of 31 obs.

• NOV 08, 1992 02h 37m 41.84±0.50s
55.898 S ±10.2km 26.604 W ±10.7km
DEPTH = 33.0km (normal)
5.0mb (5 obs.)
SOUTH SANDWICH ISLANDS REGION (153)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 7S, 11C
Centroid Location:
Origin Time 02:37:48.0 1.8
Lat 56.01S 0.18 Lon 26.29W 0.21
Dep 35.610.6 Half-duration 1.0
Moment Tensor; Scale 10**16 Nm
Mrr=-4.34 0.47 Mtt=-2.99 0.82
Mff=-1.35 0.53 Mrt=-2.32 1.53
Mrf=2.34 1.15 Mtf=1.87 0.60
Principal Axes:
T Vol= 5.49 Plg=70 Azm=233
N -0.20 6 128
P -5.30 19 36
Best Double Couple: Mo=5.4*10**16
NP1:Strike=116 Dip=27 Slip= 78
NP2: 310 64 96

AIA 20.41 228 e(P) 42 21.00 2.7
NVL 22.21 147 eP 42 35.00 -1.4
1.6s 67.00nm 4.8mb
e 42 58.00
LQ 47 26.00
SPA 34.28 180 iPd 44 26.40 -0.3
1.1s 77.38nm 5.5mb
Z 20s 37.39um 6.1Msz
TCA 36.15 297 iP 44 42.20 -0.6
PEL 37.90 288 eP 44 56.50 -0.9
0.7s 45.21nm 5.4mb
MAW 40.08 143 e(P) 45 14.00 -1.1
1.0s 22.00nm 4.9mb
PDCR 44.35 342 (P) 45 51.00 0.5
SIV 47.71 313 P 46 21.00 3.8X
SLR 49.53 76 eP 46 26.10 -5.2X
LPB 50.33 304 P 46 37.00 -0.8
CIR 55.11 75 iPd 47 14.00 1.0
iP 47 20.00 20kmX
KRI 57.47 71 iPd 47 31.20 1.2
iP 47 37.00 19kmX
LIC 64.42 24 P 48 17.10 0.3
KIC 64.62 24 P 48 18.20 0.1
BCAO 70.57 49 iPc 48 55.50 0.0
0.4s 4.00nm 4.8mb
ic 53 47.00
WRA 102.75 162 Pdiff 51 37.70 0.6
0.7s 0.20nm 3.9mb X
MBC 143.97 336 ePKP 57 12.50 -1.1
0.9s 5.00nm
TOA 149.31 307 ePKP 57 28.60 5.8X
PMS 150.62 304 ePKP 57 30.80 6.0X
FBA 150.66 312 ePKP 57 30.60 6.0X
e 57 38.90

BJI 150.90 107 ePKP 57 31.50 5.8X
IMA 153.24 314 ePKP 57 36.80 8.3X
1.1s 8.50nm
e 57 49.50
S.D. = 1.2 on 15 of 22 obs.

% NOV 08, 1992 02h 48m 19.05±0.79s
17.003 N ± 6.7km 62.216 W ± 6.9km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
MD 3.6 (TRN).

MGH 0.28 180 iP 48 25.31 0.3
BPA 0.35 83 iP 48 26.63 0.4
eS 48 31.97
NEV 0.36 291 iP 48 26.68 0.1
eS 48 32.21
CPB 0.73 30 iP 48 33.20 -0.2
MDN 1.85 155 eP 48 50.45 -0.6
eS 49 16.89
S.D. = 0.6 on 5 of 5 obs.

? NOV 08, 1992 02h 51m 41.41±0.88s
17.017 N ± 7.8km 62.216 W ± 7.1km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
MD 3.5 (TRN).

MGH 0.30 180 iP 51 47.48 -0.1
BPA 0.34 85 eP 51 48.74 0.2
eS 51 54.34
NEV 0.36 289 eP 51 48.94 0.1
eS 51 54.44
CPB 0.72 31 eP 51 55.38 -0.2
eS 52 09.21
S.D. = 0.3 on 4 of 4 obs.

? NOV 08, 1992 03h 01m 12.33±0.89s
17.015 N ± 7.8km 62.215 W ± 7.1km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
MD 3.2 (TRN).

MGH 0.29 180 eP 01 18.35 -0.1
BPA 0.34 85 iP 01 19.68 0.2
eS 01 25.04
NEV 0.36 289 eP 01 19.90 0.1
eS 01 25.44
CPB 0.72 31 eP 01 26.28 -0.3
eS 01 37.34
S.D. = 0.4 on 4 of 4 obs.

NOV 08, 1992 03h 18m 45.42±0.72s
16.999 N ± 5.7km 62.210 W ± 6.4km
DEPTH = 10.0km (geophysicist)
LEEWARD ISLANDS (92)
ML 3.5 (FDF). MD 3.4 (TRN).

MGH 0.28 181 eP 18 51.65 0.4
S 18 55.70
BPA 0.34 82 iP 18 52.96 0.5
eS 18 58.16
NEV 0.37 292 iP 18 53.13 0.1
eS 18 58.88
CPB 0.73 30 iP 18 59.52 -0.3
eS 19 13.86
PAG 1.09 152 eP 19 05.50 -0.5
DOG 1.12 149 eP 19 06.18 -0.2
S 19 21.30
S.D. = 0.5 on 6 of 6 obs.

NOV 08, 1992 03h 43m 20.48±0.57s
15.727 S ± 3.6km 179.703 W ± 3.4km
DEPTH = 9.7 ± 3.4 km
5.7mb (76 obs.) 6.5Msz (69 obs.)
FIJI ISLANDS REGION (181)
Ms 6.6 (BRK). Felt in eastern
Vanua Levu and on Taveuni.

FAULT PLANE SOLUTION: P-Waves
NP1:Strike= 63 Dip=80 Slip= 0
NP2: 153 90 190
Principal Axes:
T Plg= 7 Azm=288
P 7 18
Comment: The focal mechanism is
moderately well controlled and
corresponds to strike-slip

faulting with a small reverse
component. The preferred fault
plane is not determined.

RADIATED ENERGY
No. of sta: 17 Focal mech. F
Energy 1.5±0.3*10**15 Nm
MOMENT TENSOR SOLUTION
Dep 20 No. of sta: 24
Moment Tensor; Scale 10**18 Nm
Mrr= 0.14 Mtt=-4.69
Mff= 4.55 Mrt=-0.31
Mrf= 1.83 Mtf= 6.59

Principal axes:
T Vol= 8.25 Plg=10 Azm=297
N 0.02 77 154
P -8.27 8 28
Best Double Couple: Mo=8.3*10**18
NP1:Strike= 73 Dip=77 Slip= 2
NP2: 342 88 167
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 43S, **C M.W.: 39S, 96C
Centroid Location:
Origin Time 03:43:30.6 0.1
Lat 15.50S 0.01 Lon 179.54W 0.01
Dep 15.0 Fix Half-duration 5.0
Moment Tensor; Scale 10**19 Nm
Mrr= 0.02 0.00 Mtt=-1.02 0.00
Mff= 1.00 0.01 Mrt=-0.39 0.02
Mrf=-0.19 0.02 Mtf= 0.43 0.00

Principal Axes:
T Vol= 1.15 Plg=14 Azm=103
N 0.06 69 232
P -1.21 16 10
Best Double Couple: Mo=1.2*10**19
NP1:Strike=147 Dip=69 Slip=-178
NP2: 56 88 -21

UDU 0.50 213 ePd 43 32.30 1.6
eS 43 41.50
TVI 1.24 195 iPd 43 43.40 -0.1
NDE 1.27 228 eP 43 43.90 -0.3
eS 44 02.00
KRO 1.80 209 iPd 43 50.60 -1.3
MBU 1.96 230 eP 43 54.40 0.3
eS 44 19.40
VUN 2.87 217 iPd 44 06.80 -0.3
SVA 2.96 216 eP 44 07.50 -0.9
AFI 7.87 78 P 45 10.00 -8.0X
eS 47 00.00
PVC 11.65 258 iPc 46 13.00 3.0X
BKM 11.71 259 iPc 46 15.90 5.2X
DZM 14.54 242 iPc 46 51.00 2.5
RAR 19.67 109 iPc 47 51.09 -1.7
OUZ 20.32 196 P 48 01.60 2.1
HNR 20.81 285 iPd 48 04.00 -0.8
iS 52 04.00
WCZ 20.82 194 P 48 07.00 2.3
SVO 21.03 286 eP 48 06.00 -1.0
KUZ 21.33 190 eP 48 10.00 0.9
WLZ 22.44 190 eP 48 22.10 1.1
URZ 22.62 187 P 48 22.10 -0.7
MOZ 23.20 191 P 48 30.80 2.3
BSZ 24.44 190 P 48 40.50 0.1
MNG 25.15 189 P 48 45.60 -1.8
BLW 25.89 188 eP 48 51.50 -2.7
QRZ 25.90 194 P 48 54.40 0.0
TCW 25.93 190 eP 48 53.00 -0.8
SNZO 25.95 190 Pd 48 40.00 -14.7X
e(S) 53 10.00
MOW 25.97 189 eP 48 53.90 -1.1
THZ 26.72 192 eP 49 00.30 -1.7
DSZ 26.95 194 P 49 01.30 -2.7
KHZ 27.23 191 P 49 04.10 -2.4
LTZ 27.83 193 P 49 08.90 -3.2X
BRS 28.04 241 iPd- 49 14.00 -0.1
1.5s 44.00nm 5.0mb
i 49 32.00
ePP 50 30.00
iS 53 48.00
MQZ 28.64 192 P 49 17.30 -2.0
AFR 28.72 98 iP 49 20.40 0.2
1.0s 55.00nm 5.3mb
PAE 28.90 98 iP 49 21.10 -0.8
1.0s 100.00nm 5.6mb
PPT 28.91 98 iP 49 21.30 -0.7
1.0s 90.00nm 5.5mb

PPN	29.05	98 iP	49	22.40	-0.8				SSS	07	10.00		GCC	75.51	44 iPd	55	06.38	-0.6
	1.0s	50.00nm		5.3mb		MEEK	58.06	248 eP	53	13.00	-3.6X	PRS	75.56	45 ePd	55	07.28	0.0	
TVO	29.22	98 iP	49	24.10	-0.7	WSI	58.69	268 e(P)	53	19.50	-1.6	NJ2	75.60	310 Pc	55	09.00	1.4	
	1.0s	105.00nm		5.6mb		DAV	58.74	289 eP	53	14.80	-6.5X		1.4s	49.00nm		5.4mb		
LMZ	29.44	196 eP	49	23.70	-2.8	CGP	60.07	290 eP	53	30.00	-0.6	N	15s	8.80um				
TBI	29.45	110 eP	49	29.00	2.2	NANU	61.17	253 eP	53	36.30	-1.7	E	15s	5.33um				
	1.6s	405.00nm		6.0mb			0.7s	96.00nm		6.0mb		MDJ	75.70	325 ePc	55	07.62	-0.3	
ARMA	30.05	236 iPc	49	34.30	2.0	KAKJ	64.08	325 P	53	55.40	-1.6	SBC	75.73	48 (P)	55	05.77	-2.5	
	1.1s	91.00nm		5.5mb		CHJJ	64.63	324 P	53	59.00	-1.6	SAO	75.74	45 eP	55	08.84	0.5	
PMO	30.66	93 iP	49	36.20	-1.4	TSM	64.88	282 eP	54	03.50	0.8	8KS	75.81	43 eP	55	10.29	1.6	
	1.0s	150.00nm		5.8mb		WKYJ	65.39	320 eP	54	05.30	-0.4	NTYM	75.81	43 (P)	55	07.95	-0.7	
MMCZ	30.67	196 P	49	34.50	-3.1X	MAT	65.43	324 eP	54	03.00	-2.8	ZSP	75.83	43 eP	55	10.89	2.1	
LRCZ	30.67	195 eP	49	33.40	-4.2X		1.2s	67.19nm		5.7mb		COE	75.85	44 (P)	55	10.11	1.2	
MHZ	30.69	195 P	49	35.20	-2.5	Z	20s	22.34um		6.4MsZ		BCH	75.85	47 eP	55	08.39	-0.7	
CMCZ	30.77	195 eP	49	35.20	-3.2X			eS	02	54.00		PR1	75.94	46 eP	55	08.49	-1.2	
TLC	30.86	196 P	49	37.20	-2.1	NI1J	65.47	325 P	54	05.50	-0.5	PHAM	75.97	46 eP	55	11.87	2.2	
VAH	30.90	93 iP	49	38.10	-1.6	MTMJ	65.69	323 P	54	06.10	-1.5	GZH	75.99	299 Pc	55	10.60	0.6	
	1.0s	140.00nm		5.8mb		TGY	65.74	294 eP	53	57.00	-11.1X	Z	20s	23.00um		6.3MsZ		
TPT	30.93	93 iP	49	38.70	-1.3	QCP	65.83	294 eP	54	13.00	4.3X	N	28s	15.00um				
	1.0s	145.00nm		5.8mb		TSRJ	66.04	321 P	54	08.80	-0.9	E	20s	36.80um				
RUV	31.14	93 iP	49	39.80	-2.0	TKSJ	66.20	319 eP	54	10.60	-0.2			iS	04	50.00		
	1.0s	160.00nm		5.9mb		TRT	66.51	268 ePd	53	54.50	-18.7X			SS	09	43.00		
RMO	31.23	245 iPc	49	42.40	-0.2	CVP	66.51	298 ePc	54	10.00	-3.0X	ARN	75.99	44 eP	55	09.02	-0.8	
	1.3s	463.00nm		6.2mb		KAGJ	66.53	315 eP	54	11.80	-1.2	KMPM	76.02	40 (P)	55	11.25	1.3	
TUZ	31.44	194 P	49	42.60	-1.5	BAG	67.02	296 ePc+	54	14.00	-2.5	HMR	76.25	43 eP	55	13.14	2.0	
RIV	31.85	230 eP	49	48.00	0.1			eS	03	14.00		PKEM	76.29	46 (P)	55	12.77	1.4	
Z	20s	46.67um		6.2MsZ		KKM	67.02	284 ePd	54	17.00	0.5	ABL	76.29	47 ePc	55	11.42	-0.3	
		eS	55	03.00				e	54	46.50		FHC	76.32	40 eP	55	18.28	6.7X	
CTAO	32.65	257 iPc	49	53.92	-1.1	KUSJ	67.03	332 eP	54	09.10	-6.7X	KDC	76.59	15 (P)	55	10.80	-1.8	
SIZ	32.67	196 eP	49	54.80	0.0	YONJ	67.35	320 P	54	17.30	-0.8		1.2s	75.09nm		5.7mb		
PMG	32.92	277 eP	49	56.20	-1.2	KUMJ	67.39	316 eP	54	17.70	-0.7	PAS	76.69	49 (P)	55	14.50	0.8	
LAT	33.83	282 eP	50	04.70	-0.7	SHK	67.42	319 eP	54	18.00	-0.6	FRI	77.04	45 ePc	55	15.40	-0.2	
CN8	33.84	229 iPc	50	06.50	1.1	KUR	67.43	336 eP	54	30.00	11.6X	SSK	77.07	49 ePc	55	15.37	-0.7	
	1.2s	176.00nm		5.9mb		Z	18s	23.60um		6.5MsZ		WDC	77.10	41 (P)	55	15.57	-0.3	
CAN	34.11	229 eP	50	08.20	0.5	N	18s	21.80um				Z	2.2s	531.70nm		6.2mb		
		i	51	43.30		E	18s	20.70um					21s	60.23um		6.9MsZ		
CMS	35.09	237 eP	50	15.00	-1.0			ePPP	58	30.00		LGPM	77.11	41 eP	55	15.43	-0.6	
	0.9s	71.00nm		5.5mb				iS	03	18.00		CMB	77.13	44 ePd	55	14.73	-1.4	
TOO	37.64	228 iPd	50	38.80	1.2			eSS	07	28.00				ePPP	00	26.00		
	0.9s	114.00nm		5.6mb		CSY	67.60	204 eP	54	22.30	3.1X			e	02	01.00		
WWKK	38.02	285 eP	50	40.00	-1.0		0.8s	33.70nm		5.6mb				eS	05	07.00		
STK	38.65	238 iPd	50	46.60	0.5	PIP	67.81	298 ePd	54	23.00	1.7			eScS	05	39.00		
	1.0s	44.70nm		5.1mb		SHNJ	68.18	317 eP	54	35.50	12.2X			ePPS	05	50.00		
		ePP	52	24.90		MRRJ	68.20	330 eP	54	21.70	-1.5			e	07	47.00		
		eS	56	42.20		SMY	68.38	356 P	54	30.00	5.9X			eSS	09	42.00		
QIS	38.90	257 iPd	50	47.40	-0.8	Z	19s	43.91um		6.7MsZ				eSSS	13	10.00		
	1.6s	31.00nm		4.7mb		ASAJ	68.76	332 eP	54	27.10	0.4			eLO	14	40.00		
		e	52	23.90		TATO	70.15	304 ePc	54	33.58	-2.0			eLR	18	20.00		
BFD	39.62	230 iPd	50	56.80	2.7	PET	70.96	346 eP	54	42.00	2.0	DL2	77.16	317 eP	55	16.00	-0.2	
	1.0s	50.00nm		5.1mb		Z	18s	15.80um		6.3MsZ			1.2s	140.00nm		5.9mb		
ADE	41.82	235 e(P)	51	11.50	-0.7	N	18s	11.80um				Z	30s	9.48um		5.9MsZ		
HON	42.53	31 P-	51	21.47	3.4X	E	12s	5.50um				N	14s	8.50um				
Z	21s	87.64um		6.6MsZ				e	55	04.00		E	14s	5.39um				
		S	57	48.38		YSS	70.99	334 (P)	54	33.61	-6.6X	ORV	77.21	42 iPd	55	15.06	-1.4	
MHA	42.67	34 (P)	51	17.22	-2.0		1.3s	50.00nm		5.5mb		ISA	77.23	47 eP	55	15.00	-1.8	
RKT	42.69	107 iP	51	18.00	-1.4	Z	21s	16.40um		6.3MsZ			2.3s	423.51nm		6.1mb		
	1.2s	105.00nm		5.4mb		N	21s	8.50um				Z	19s	17.87um		6.4MsZ		
WB2	43.84	257 eP	51	25.70	-3.1X			e	54	52.00				S	05	59.26		
	1.0s	32.70nm		5.1mb				e	55	05.00		PLM	77.26	50 eP	55	16.48	-0.7	
WRA	43.85	257 P	51	26.90	-2.0			e	57	22.00		PEC	77.30	49 ePc	55	16.78	-0.4	
	1.0s	18.60nm		4.9mb				iS	03	59.00			1.5s	79.10nm		5.6mb		
WRA	43.85	257 P	51	45.00	16.1X			ePS	04	32.00		QIZ	77.44	294 Pc	55	18.00	-0.1	
	1.3s	18.60nm				YSS	70.99	334 iPd-	54	39.00	-1.2		E	18s	26.70um			
ASPA	44.23	252 iPc	51	30.20	-1.8		1.3s	50.00nm		5.5mb		SNY	77.53	320 Pd	55	18.20	0.1	
	1.1s	319.80nm		6.1mb		Z	21s	16.40um		6.3MsZ			1.4s	100.00nm		5.7mb		
Z	22s	157.10um		6.9MsZ		N	21s	8.50um				Z	17s	19.20um		6.5MsZ		
		iPP	53	16.40				e	54	52.00			N	16s	7.86um			
		eS	57	07.80				e	55	05.00			E	15s	6.04um			
		iPcS	58	04.10				iS	07	22.00				pP	55	26.00	25kmX	
		iScS	01	37.40				eS	03	59.00				SS	10	04.00		
GUMO	45.56	308 (P)	51	41.51	-1.2			ePS	04	32.00		CN2	77.54	323 Pc	55	18.00	-0.2	
	Z	30s	52.04um	6.3MsZ		QZH	72.46	303 P	54	48.50	-1.0		1.6s	300.00nm		6.1mb		
		eS	58	28.20			Z	21s	33.20um	6.6MsZ		Z	18s	14.80um		6.4MsZ		
MTN	47.65	267 eP	51	57.50	-1.8		E	18s	9.28um			N	16s	8.26um				
	1.0s	425.00nm		6.5mb				SS	08	45.00		E	16s	1.76um				
KNA	49.49	263 eP	52	11.60	-1.9	SDN	72.63	11 (P)	54	47.96	-1.9			eP	55	28.00	32kmX	
WARB	50.87	249 eP	52	22.00	-1.9		1.2s	351.73nm		6.3mb				eS	05	10.00		
TNE	54.81	282 eP	52	52.00	-1.4	Z	20s	28.57um		6.5MsZ		MIN	77.57	42 iPd	55	17.16	-1.5	
KUG	55.40	268 eP	52	59.50	1.8	SSE	73.40	310 Pc	54	51.00	-3.9X	LMEM	77.70	41 (P)	55	20.38	1.0	
	1.2s	7.00nm		4.6mb	X		1.4s	46.00nm		5.4mb		MMPM	77.83	45 ePc	55	20.56	0.2	
		e	57	00.00			Z	20s	17.40um	6.3MsZ		MEMM	77.91	45 eP	55	20.77	0.4	
KUPT	55.40	268 eP	52	59.50	1.8		N	14s	4.80um			LBFM	77.94	41 eP	55	20.86	0.1	
	1.2s	592.50nm		6.5mb			E	14s	4.90um		MTUM	78.01	46 eP	55	21.51	0.3		
MBL	57.33	255 eP	53	07.50	-4.0X			SS	09	04.00		KGM	78.03	276 eP	55	20.00	-1.5	
DRV	57.34	198 eP	53	14.00	3.2X	SPA	74.37	180 iPd	54	59.90	-0.3	MRCM	78.21	45 eP	55	22.45	0.1	
		S	01	13.00		HKC	74.97	299 iP	55	06.00	1.8	GSC	78.23	48 eP	55	22.09	-0.3	
		SS	05	22.00				S	04	52.00				ePP	58	17.23		

WHN	78.32	306 eP	55	24.00	1.2	HVU	84.06	44 eP	55	53.43	0.4			e	57	15.00
	1.2s	66.00nm		5.6mb		LOE	84.14	290 eP	55	56.50	2.9X			ePP	59	27.00
Z	20s	20.00um		6.4Msz		SRU	84.43	47 eP	55	53.90	-1.1			eS	07	15.00
N	18s	15.50um				DAU	84.48	46 eP	55	55.43	0.1	TIK	93.73	346 iPc	56	37.40 -0.8
E	21s	9.62um				NEW	84.50	37 eP	55	54.70	-0.2		2.0s	144.00nm		6.0mb
BONR	78.50	45 eP	55	23.66	-0.3		1.3s	54.72nm		5.6mb		Z	18s	11.00um		6.4Msz
GLA	78.63	51 eP	55	24.92	0.4		Z	20s	21.00um	6.5Msz				e	00	21.00
		ePP	58	34.87		NNT	84.50	285 eP	55	57.20	1.7			ePS	08	58.00
TIA	78.87	313 Pc	55	26.30	0.6	EMUT	84.53	46 eP	55	55.88	0.4			eSS	13	55.00
	2.0s	140.00nm		5.7mb		MRX	84.81	68 (P)	56	01.00	4.1X	ZAK	93.92	321 eP	56	40.00 0.6
Z	37s	29.10um		6.3MszX		PTI	84.82	43 eP	55	57.25	0.4		2.0s	123.00nm		5.9mb
N	16s	4.44um				HHC	84.87	315 P	55	57.40	0.4	Z	18s	10.82um		6.4Msz
E	16s	11.40um					1.4s	53.00nm		5.6mb		E	19s	14.56um		
COR	78.91	37 (P)	55	26.60	0.9		Z	20s	16.80um	6.4Msz				e	00	31.00
SVW	78.96	12 eP	55	24.18	-1.5		N	16s	5.40um					ePPP	02	30.00
	1.3s	96.69nm		5.7mb			E	20s	4.97um					eS	07	53.00
KVN	79.19	44 eP	55	28.13	0.5	HHA1	85.01	43 eP	55	58.68	1.0			eSS	14	08.00
MGD	79.23	345 eP	55	23.00	-4.1X	NST	85.06	288 eP	56	02.50	4.3X	IRK	93.97	323 eP-	56	41.00 1.3
Z	17s	5.70um		6.0MszX		ACX	85.13	71 (P)	56	03.00	4.4X		2.4s	112.00nm		5.8mb
N	17s	5.80um				MAW	85.48	200 iPd	56	02.00	2.5	Z	20s	9.08um		6.2Msz
		e	55	39.00			1.1s	109.00nm		6.0mb		N	16s	3.28um		
		iS	05	29.00			Z	16s	17.00um	6.5MszX		E	19s	5.40um		
		e	06	00.00		ALQ	85.73	52 ePc	56	01.56	0.0			e	07	37.00
		eSP	06	12.00			1.4s	76.08nm		5.7mb				eSS	14	08.00
TNP	79.30	45 eP	55	27.63	-0.7		Z	20s	15.78um	6.4Msz		TUL	94.26	54 eP	56	42.10 0.7
	1.6s	200.45nm		5.9mb		ANMO	85.73	52 (P)	56	03.33	1.8		1.2s	88.60nm		6.0mb
SLKM	79.59	14 eP	55	27.07	-2.1	KMI	85.74	297 ePc	56	02.50	0.7	Z	18s	13.76um		6.5Msz
SPU	79.76	13 eP	55	28.17	-1.9		1.9s	60.00nm		5.5mb				S	09	33.00
CRP	79.82	13 (P)	55	27.71	-2.8X		Z	24s	54.10um	6.9MszX				LR	26	53.00
BMW	80.04	36 (P)	55	32.33	0.4		N	20s	24.20um			LNO	94.27	54 eP	56	41.80 0.5
SHW	80.44	36 ePc	55	34.74	0.6		E	19s	38.20um			UYO	94.84	56 iPd	56	45.20 1.1
TTA	80.56	11 ePd	55	33.00	-1.3				S	06						

HRV	113.77	50 PKP	02	10.00	8.7X
Z	20s	23.18um			6.8Msz
BRVK	114.44	321 ePKd f	158	08.00	-3.4X
	2.0s	15.00nm			
BRVK	114.44	321 iPKP	02	00.00	-2.3X
	1.4s	23.00nm			
Z	22s	13.42um			6.5Msz
E	22s	10.15um			
CBM	116.04	45 PKP	01	57.60	-7.9X
SVE	119.15	327 iPKPd	02	11.00	-0.1
	1.8s	80.00nm			
		e	03	31.00	
		ePPP	06	11.30	
		e	09	23.00	
		e	14	40.00	
		eSS	19	45.00	
ARU	120.35	327 ePKP	02	14.00	0.6
	1.8s	150.00nm			
		e	02	21.00	
		e	06	08.00	
		e	13	34.00	
MAIO	123.86	303 ePKP	02	22.00	1.1
ASH	124.60	305 ePKd f	159	07.00	9.9X
	1.5s	120.00nm			
Z	20s	8.90um			6.4Msz
N	20s	7.72um			
		e	02	23.00	
		e	04	13.00	
		e	09	27.00	
		ePS	14	13.00	
		e	15	31.00	
		eSS	20	57.00	
BLF	128.89	209 ePKP	02	48.00	17.1X
BAK	130.59	310 ePKP	02	44.00	10.5X
SLR	130.60	214 ePKP	02	27.00	-7.2X
Z	20s	18.09um			6.8Msz
PUL	130.87	340 iPKPc	02	38.00	4.6X
	2.0s	150.00nm			
MOS	130.94	333 ePKP	02	36.00	2.3X
Z	20s	13.00um			6.6Msz
		e	04	54.00	
		ePPP	07	45.00	
		e	22	12.00	
SHE	131.45	311 iPKP	02	37.00	1.9
	0.8s	55.00nm			
Z	18s	6.00um			6.3Msz
N	18s	10.00um			
E	18s	12.00um			
OBN	131.80	333 iPKPd	02	44.60	9.3X
Z	20s	10.00um			6.5Msz
OBN	131.80	333 ePKPd	02	37.20	1.9
	1.2s	44.00nm			
		i	02	44.60	
		e	05	02.00	
		(PS)	15	06.00	
		iSS	22	24.00	
PDCR	131.94	124 ePKP	02	25.40	-11.4X
		e	02	37.80	
CIR	132.29	221 iPKPc	02	46.90	9.5X
DHR	132.55	291 ePKP	02	30.00	-7.7X
GRO	132.66	315 ePKP	02	42.00	4.6X
	1.5s	160.00nm			
MTA	133.86	313 ePKP	02	41.00	1.3
Z	20s	2.00um			5.8Msz
N	20s	2.50um			
E	20s	6.00um			
		e	02	57.00	
NB2	134.07	353 PKP	02	34.80	-4.8X
	1.2s	4.80nm			
PYA	134.15	317 ePKP	02	48.00	7.8X
	1.3s	70.00nm			
Z	25s	13.50um			6.6MszX
		i	05	16.00	
		i	23	00.00	
SLL	134.33	351 ePKP	02	36.80	-3.2X
	0.6s	1.10nm			
KIV	134.43	317 ePKP	02	48.10	7.2X
		eSSS	28	01.40	
ERE	134.59	311 iPKP	02	45.00	3.7X
Z	22s	4.00um			6.1Msz
BUL	134.78	219 ePKP	02	29.00	-13.3X
RYD	135.80	289 ePKP	02	55.00	11.0X
MNK	136.36	337 ePKP	02	43.00	-1.0
SOC	136.52	318 iPKP	02	39.00	-5.7X
Z	21s	6.50um			6.3Msz
N	21s	6.00um			
E	17s	1.50um			
KRI	136.61	223 iPKPd	02	49.00	

08d 04h

			i	03	19.00		NPS	150.14	315	ePKP	03	14.50	6.2X	BCAO	158.85	240	iPKPd	03	20.50	-0.2
SOM	147.98	326	ePKP	03	10.37	5.5X	VLO	150.23	330	ePKP	03	14.30	6.1X		1.2s	21.00nm				
KNT	147.99	327	ePKP	03	07.70	2.9X	SFI	150.23	343	PKP	03	09.70	1.6	AVE	161.17	20	iPKP	03	31.50	9.0X
LOMF	148.01	352	PKP	03	06.22	1.5	BNI	150.27	351	PKP	03	10.20	1.8				i	04	11.50	
PLE	148.02	333	iPKPd	03	05.82	0.9	MME	150.28	345	PKP	03	15.47	6.9X	IFR	161.62	15	iPKPd	03	37.50	14.3X
TRI	148.04	342	e(PKP)	03	07.00	2.3X		1.4s	362.10nm								i	04	11.50	
			i(PKPP)	03	18.80		ARV	150.29	341	PKP	03	09.80	1.5				i	04	29.50	
			e(SSP)	10	08.00		BHB	150.39	350	PKP	03	13.54	5.1X	MBO	163.28	92	iPKPd	03	33.60	8.5X
			e(SS)	25	40.00		RRL	150.39	351	PKP	03	13.36	4.7X	TIO	163.36	23	iPKPd	03	30.00	5.0X
			e(SSP)	26	44.00		SRN	150.42	328	ePKP	03	10.80	2.3X	ANTZ	164.22	35	iPKPd	03	29.00	3.3X
			e	28	32.00		BDI	150.43	345	PKP	03	11.00	2.4X				i	03	36.00	
			e(SSS)	31	40.00		PCP	150.44	348	PKP	03	14.55	6.0X	LIC	169.21	150	PKP	03	31.20	1.4
			eLR	55	12.00		CRE	150.47	343	PKP	03	12.20	3.5X	KIC	169.46	151	PKP	03	31.40	1.4
VAY	148.04	327	iPKP	03	05.60	0.7	RJF	150.50	358	ePKP	03	10.50	2.0	TIC	169.58	149	PKP	03	31.60	1.5
	1.4s	218.00nm						1.4s	197.80nm											S.D. = 1.3 on 340 of 543 obs.
			i	03	17.60		Z	20s	11.20um				6.7Msz							
OSS	148.06	347	iPKPd	03	06.10	1.1	IGT	150.51	327	ePKP	03	12.84	4.1X							* NOV 08, 1992 03h 54m 28.24± 2.14s
LLS	148.12	349	ePKPd	03	08.10	3.0X	FIR	150.52	344	ePKP	03	10.00	1.4							38.072 N ±12.7km 27.050 E ±18.4km
SKO	148.13	329	iPKP	03	05.20	0.2	CKI	150.60	348	PKP	03	07.20	-1.5							DEPTH = 10.0km (geophysicist)
	6.0s	3473.00nm					PZZ	150.74	350	PKP	03	14.69	5.6X							TURKEY (366)
Z	25s	13.99um				6.7MszX	ASS	150.77	341	PKP	03	11.50	2.4X							MD 2.5 (ISK).
			i	03	23.00		PII	150.77	345	PKP	03	13.00	4.1X							
			i	03	23.30		FG3	150.80	336	PKP	03	15.53	6.3X							
			i	03	30.80		ROB	150.81	349	PKP	03	12.53	3.4X	Izm	0.37	27	iPg	54	35.00	-0.8
IVA	148.16	332	iPKPd	03	06.81	1.7	FIN	150.83	348	PKP	03	12.40	3.3X	CIN	0.95	120	ePg	54	40.50	-0.3
RIY	148.18	341	ePKP	03	07.50	2.6X	CAF	150.86	357	ePKP	03	11.60	2.5X				iSg	55	01.00	
HLW	148.23	302	ePKP	03	09.00	3.5X		1.6s	148.00nm					EZN	1.84	342	ePn	55	00.00	-0.1
PDA	148.28	41	iPKPd	03	20.00	14.7X	LFF	150.88	359	ePKP	03	11.50	2.4X	DST	1.97	38	ePn	55	03.30	1.3
CTI	148.31	345	PKP	03	07.20	1.9X		1.6s	291.05nm					KCT	2.40	25	ePn	55	08.00	-0.2
PVY	148.35	332	iPKPd	03	07.48	2.0X	ENR	150.96	349	PKP	03	17.57	8.2X							S.D. = 1.1 on 5 of 5 obs.
VDL	148.39	348	ePKPd	03	07.50	1.9X	STV	150.96	350	PKP	03	17.25	7.9X							
GRG	148.39	327	ePKP	03	09.20	3.7X	BRT	150.96	333	PKP	03	11.80	2.4X	? NOV 08, 1992 05h 56m 21.76± 3.46s						31.125 S ±21.5km 68.885 W ±21.4km
LOR	148.41	355	ePKP	03	05.20	-0.1	VLI	150.99	320	ePKP	03	16.00	6.5X							DEPTH = 119.2 ± 35.3 km
	1.6s	293.55nm					LPO	151.13	359	ePKP	03	12.20	2.7X							SAN JUAN PROVINCE, ARGENTINA (137)
Z	21s	11.98um				6.7Msz		1.6s	157.35nm											
PAIG	148.42	324	ePKP	03	05.96	0.5	AQU	151.17	340	PKP	03	11.40	1.7	RTBS	0.72	222	iPd	56	41.50	0.1
BCI	148.48	331	ePKP	03	06.70	1.1	IMI	151.18	349	PKP	03	14.00	4.3X				eS	56	50.90	
KKS	148.55	331	iPKPc	03	07.80	2.1X	SBF	151.31	349	ePKP	03	12.00	2.1X	CFA	0.73	131	ePc	56	41.80	0.2
NKY	148.61	333	ePKP	03	06.32	0.4		1.8s	473.00nm								S	56	55.70	
SSF	148.64	356	ePKP	03	06.10	0.4	VLS	151.36	325	ePKP	03	18.00	7.9X	RTCV	0.79	158	iPd	56	41.80	-0.3
	1.7s	545.55nm					DUI	151.41	337	PKP	03	15.60	5.5X							S
LBF	148.68	355	ePKP	03	06.10	0.3	SDI	151.60	338	PKP	03	07.11	-3.3X							56 53.90
	1.5s	285.20nm						1.7s	294.10nm					RTPR	2.20	69	ePd	56	58.20	0.0
BRY	148.73	334	iPKPd	03	06.18	0.0	SDI	151.60	338	PKP	03	11.60	1.2							S
TTG	148.80	332	iPKPd	03	07.36	1.3	EMON	151.63	12	ePKP	03	11.00	0.6	MRA	2.99	116	ePc	57	08.80	0.2
PHP	148.84	330	iPKPc	03	06.60	0.4	FRF	151.73	350	ePKP	03	13.10	2.6X	TCA	3.68	94	iP	57	17.80	-0.2
TMA	148.87	348	ePKPd	03	06.80	0.5		1.7s	259.55nm											S.D. = 0.3 on 6 of 6 obs.
AVF	148.92	356	ePKP	03	07.80	1.7	LRG	151.88	351	ePKP	03	12.20	1.6							* NOV 08, 1992 05h 59m 37.23± 1.44s
	1.4s	188.20nm					Z	20s	12.27um				6.7Msz							5.288 S ± 9.8km 152.366 E ±15.4km
LIT	148.96	326	ePKP	03	08.16	1.7	RMP	151.89	340	PKP	03	18.10	7.3X							DEPTH = 42.3 ± 15.0 km
SAL	149.00	346	PKP	03	04.70	-1.5	STS	151.89	14	ePKP	03	08.80	-1.9							4.3mb (2 obs.)
MDI	149.02	347	PKP	03	09.00	2.8X	RFI	151.90	338	PKP	03	14.81	4.1X							NEW BRITAIN REGION, P.N.G. (192)
SMF	149.03	355	ePKP	03	07.50	1.2		2.1s	861.00nm											
	1.5s	520.25nm					RDP	151.93	340	PKP	03	12.40	1.5	RAB	1.11	349	iPc	59	56.50	0.0
MMK	149.09	350	iPKPd	03	11.00	4.3X	LMR	151.98	350	ePKP	03	13.60	2.8X	OZM	21.54	142	iPc	04	25.10	0.0
BDV	149.11	333	iPKPd	03	07.72	1.2		1.5s	158.25nm					WB2	22.79	229	eP	04	37.30	-0.1
VAI	149.12	348	PKP	03	07.50	1.1	SGO	152.03	335	PKP	03	16.70	5.8X							0.5s 8.80nm 4.5mb
DIX	149.16	350	ePKPd	03	08.20	1.3	PGF	152.24	346	ePKP	03	12.70	1.3	ASPA	25.50	222	eP	05	03.70	0.1
ULC	149.18	332	iPKPd	03	07.85	1.2		1.5s	262.20nm											1.1s 6.00nm 4.1mb
BGF	149.19	357	ePKP	03	05.80	-0.7	MGR	152.28	334	PKP	03	12.20	0.9	GUN	72.00	301	P	10	59.00	-0.5
	1.8s	416.05nm					TDS	152.34	333	PKP	03	13.70	2.2X	PKI	72.31	301	P	11	01.20	-0.1
KZN	149.19	327	ePKP	03	11.00	4.1X	EZAM	152.55	15	ePKP	03	14.50	2.8X	KKN	72.48	301	P	11	02.20	0.0
MFF	149.21	1	ePKP	03	05.50	-1.1	ERUA	152.67	12	ePKP	03	14.40	2.6X	DMN	72.58	301	P	11	03.20	0.4
	1.5s	291.45nm					EPF	152.79	360	ePKP	03	01.61	-10.4X	GKN	73.09	301	P	11	05.80	0.2
LACI	149.22	331	ePKP	03	03.00	-3.7X		1.7s	147.05nm											S.D. = 0.3 on 9 of 9 obs.
EMS	149.24	351	ePKPd	03	09.30	2.4X	GRI	152.99	331	PKP	03	14.39	2.0X	? NOV 08, 1992 06h 30m 17.14± 4.46s						15.566 N ±12.8km 59.995 W ±41.5km
HVAR	149.35	336	ePKP	03	10.20	3.3X		1.6s	360.70nm											DEPTH = 33.0km (normal)
TIR	149.37	330	ePKP	03	09.50	2.5X	ECRI	153.10	5	ePKP	03	14.80	2.3X							LEEWARD ISLANDS (92)
TCF	149.49	357	ePKP	03	08.10	1.1	EGRA	153.62	1	ePKP	03	16.00	2.9X							ML 3.4 (FDF). MD 3.6 (TRN).
	1.8s	296.95nm					SOI	153.76	331	PKP	03	23.26	9.8X							
ORX	149.49	349	PKP	03	08.10	0.9		1.6s	162.00nm											
ORO	149.50	349	PKP	03	10.10	2.9X	SOI	153.76	331	PKP	03	13.10	-0.3	MGG	1.32	286	ePc	30	41.14	1.8
MAF	149.54	357	ePKP	03	08.40	1.3	GUD	154.87	8	ePKP	03	17.40	2.4X							S
	1.3s	223.10nm					ETOR	154.91	4	ePKP	03	18.00	3.0X							30 55.00
LSF	149.55	358	ePKP	03	08.00	0.9	EROQ	154.99	360	ePKP	03	18.00	3.0X	MVM	1.33	221	iPd	30	41.41	1.9
	1.5s	248.60nm					EPLA	155.12	12	ePKP	03	19.00	3.7X							S
ATH	149.71	321	ePKP	03	13.50	6.0X	CGL	155.17	343	PKP	03	25.28	9.8X							30 56.90
AGG	149.80	324	ePKP	03	09.32	1.6		0.1s	0.80nm					MDN	1.38	260	iP	30	39.20	-1.0
LSD	149.80	350	PKP	03	09.74	1.9X	TOL	155.64	8	ePKP	03	19.00								

S 31 00.00
SLW 1.79 211 eP 30 46.33 0.1
eS 31 05.27
BPA 2.32 310 iP 30 53.34 -0.4
eS 31 17.22
MGH 2.42 299 eP 30 52.20 -3.1X
SVB 2.58 208 eP 30 56.10 -1.5
eS 31 23.36

S.D. = 1.4 on 11 of 12 obs.

* NOV 08, 1992 07h 29m 31.31±2.36s
38.050 N ±14.2km 27.111 E ±21.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)

Izm 0.37 19 iPg 29 37.50 -1.4
iSg 29 43.00
CIN 0.89 120 eP 29 48.00 -0.4
EZN 1.88 341 ePn 30 03.50 -0.2
DST 1.95 37 ePn 30 06.10 1.2
KCT 2.40 23 ePn 30 12.00 0.7

S.D. = 1.4 on 5 of 5 obs.

& NOV 08, 1992 07h 45m 33.74s
32.947 N 115.741 W
DEPTH = 16.1km
CALIF.-BAJA CALIF. BORDER REGION(45)
<PAS-P>. ML 2.8 (PAS).

PLM 1.02 294 eP 45 51.66 -1.1
eS 46 06.67
PEC 1.52 309 ePn 45 58.55 -1.7
ePg 46 01.65
SSK 2.06 308 ePn 46 06.85 -1.4
GSC 2.51 340 (P) 46 13.15 -1.4
4 obs. associated

% NOV 08, 1992 08h 05m 39.50±0.97s
39.137 N ±8.5km 27.580 E ±16.1km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 2.9 (ISK).

Izm 0.78 199 iPg 05 55.10 0.0
DST 0.94 60 iPn 05 58.10 0.2
EDC 1.23 10 iPn 06 03.50 0.7
BNT 1.25 12 ePn 06 02.70 -0.4
KCT 1.26 28 iPn 06 02.90 -0.5

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

* NOV 08, 1992 08h 16m 22.65±2.38s
38.020 N ±14.5km 26.898 E ±18.3km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.2 (ISK).

Izm 0.47 37 iPg 16 31.60 -0.7
eSg 16 36.60
CIN 1.03 114 eP 16 42.00 -0.1
EZN 1.86 346 ePn 16 54.00 -0.7
DST 2.08 40 ePn 16 58.10 0.0
BNT 2.46 18 ePn 17 05.00 1.5
KCT 2.50 27 ePn 17 06.40 2.4X

S.D. = 1.3 on 5 of 6 obs.

% NOV 08, 1992 08h 35m 34.26±0.82s
39.118 N ±6.8km 27.595 E ±8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

Izm 0.77 200 iPg 35 49.10 -0.1
iSg 36 00.10
DST 0.94 50 iPn 35 52.00 0.4
EZN 1.21 306 ePn 35 57.00 0.2
EDC 1.24 10 ePn 35 57.00 -0.4
BNT 1.26 11 ePn 35 58.00 0.3
KCT 1.27 27 iPn 35 57.40 -0.5

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

? NOV 08, 1992 08h 41m 54.49±1.01s
29.782 N ±13.1km 69.993 E ±12.5km
DEPTH = 33.0km (normal)
4.5mb (7 obs.)
PAKISTAN (710)

NDI 6.41 98 iPn 43 32.00 3.0X

eSn 44 47.00
KSH 10.83 25 eP 44 31.90 1.4
0.5s 10.00nm 5.3mb
POD 11.74 162 eP 44 51.00 8.3X
iS 48 18.40

GKN 12.95 94 P 44 58.40 -0.7
DMN 13.44 96 P 45 05.60 0.0
KKN 13.55 95 P 45 06.40 -0.6
PKI 13.71 95 P 45 06.40 -2.8X
GUN 14.05 94 P 45 12.60 -1.1
HYB 14.59 146 eP 45 24.00 3.6X
GBA 17.51 155 P 45 59.00 1.2

S 50 05.00
WMO 19.87 40 eP 46 29.50 3.7X
pP 46 32.00 10kmX
sP 46 37.00

KOD 20.66 159 eP 46 30.00 -4.5X
GTA 26.26 61 eP 47 33.00 4.4X
CHG 28.48 106 eP 47 50.90 2.1X
1.0s 15.25nm 4.7mb
GYA 32.43 87 iPd 48 26.60 2.7X
1.0s 9.60nm 4.7mb

GEC2 46.39 311 ePd 50 17.30 -2.3
1.1s 0.92nm 3.7mb

WRA 79.25 120 P 53 59.00 0.7
0.7s 0.80nm 3.8mb

WB2 79.26 120 eP 53 58.20 -0.2
0.7s 3.40nm 4.5mb
YKA 87.98 2 eP 54 43.50 1.5
0.8s 1.80nm 4.4mb

S.D. = 1.4 on 10 of 19 obs.

NOV 08, 1992 09h 32m 37.53±0.43s
38.080 N ±4.1km 26.945 E ±3.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
ML 3.6 (ATH). MD 3.7 (ISK).

Izm 0.40 38 iPg 32 46.10 0.3
CIN 1.02 118 ePg 32 57.00 0.1
iSg 33 14.00
PRK 1.28 336 ePn 33 01.70 0.5
EZN 1.81 345 iPn 33 09.00 0.1
DST 2.01 40 iPn 33 12.00 0.1
EDC 2.37 17 ePn 33 17.00 -0.1
BNT 2.40 18 iPn 33 17.70 0.3
KCT 2.43 26 iPn 33 18.40 0.5

ATH 2.55 269 ePn 33 18.50 -1.1
ELL 2.71 119 ePn 33 26.50 4.5X
ALN 2.90 346 ePn 33 24.81 0.3
NPS 3.01 201 ePn 33 27.20 1.1
PAIG 3.14 307 ePn 33 27.36 -0.6
eSn 34 04.88

OUR 3.22 315 ePn 33 29.02 -0.1
eSn 34 06.90
ISK 3.40 28 ePn 33 31.00 -0.6
VLI 3.47 248 ePn 33 32.00 -0.6
EYL 3.52 44 ePn 33 32.00 -1.4
AGG 3.74 286 ePn 33 36.94 0.4
iSn 34 39.51

SOH 3.90 316 ePn 33 39.86 1.0
LIT 4.01 302 ePn 33 39.78 -0.6
eSn 34 27.11
KNT 4.39 316 ePn 33 45.86 0.2
eSn 34 36.51

GRG 4.54 311 iPn 33 47.98 0.1
VAY 4.68 315 ePn 33 50.00 0.2

S.D. = 0.6 on 22 of 23 obs.

NOV 08, 1992 10h 22m 52.95±0.17s
23.626 S ±3.9km 70.380 W ±5.3km
DEPTH = 33.0km (normal)
5.4mb (53 obs.) 5.0Msz (21 obs.)
NEAR COAST OF NORTHERN CHILE (122)

MD 5.5 (SAN). Felt (v) at
Antofagasto and Mejillones;
(iii) at Talati.
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 31S, 52C
Centroid Location:
Origin Time 10:23: 2.2 0.3
Lat 23.32S 0.06 Lon 70.95W 0.06
Dep 15.0 FIX Half-duration 1.6

Moment Tensor; Scale 10**17 Nm
Mrr= 1.00 0.06 Mtt=-0.05 0.06
Mff=-0.94 0.09 Mrt= 0.84 0.13
Mrf=-2.73 0.16 Mtf=-0.12 0.07

Principal Axes:
T Val= 3.10 Plg=53 Azm= 67
N -0.18 6 166
P -2.92 36 260

Best Double Couple: Mo=3.0*10**17
NP1: Strike= 21 Dip=11 Slip= 126
NP2: 165 81 84

ANT 0.09 202 iPc+ 22 58.30 -0.3
SLA 4.59 105 ePd 24 08.10 6.0X
CYA 6.33 140 eP 24 28.00 1.6
TLL 6.53 183 eP 24 25.50 -3.9X
LPB 7.37 17 P 24 40.10 -1.4
RTPR 7.49 153 ePc 24 41.10 -1.5
RTLL 7.86 168 ePd 24 46.00 -1.9

S 26 31.00
RTCB 7.95 170 ePc 24 57.10 7.8X
ZON 8.03 170 eP 24 55.40 5.1X
RTBS 8.05 174 ePc 24 48.00 -2.4
CFA 8.17 167 eP 24 50.30 -2.0
RTCV 8.36 169 eP 24 53.20 -1.7
TCA 9.24 147 eP 25 04.80 -2.2
MDZ 9.32 172 eP 25 07.80 -0.3

i 25 14.90
eS 27 03.30
IHA 9.43 186 eP 25 23.00 13.5X
PEL 9.49 182 eP 25 05.00 -5.4X
MRA 9.67 156 ePd 25 10.00 -2.9
RFA 11.23 172 ePc 25 30.00 -4.3X
SIV 11.59 51 eP 25 39.00 -0.2
VAO 21.51 93 eP 27 38.90 -2.4

e 27 42.90
e 27 52.20
e 27 56.90

BMA 24.12 93 eP 28 06.30 -0.6
e 28 23.60
PORP 41.59 5 P 30 37.00 -2.4
CLLP 41.62 5 P 30 37.40 -2.2
CPD 41.64 6 P 30 37.20 -2.7

AIA 41.81 176 e(P) 30 42.00 1.3
IISM 49.88 326 (P) 31 47.00 1.7
IIT 50.39 325 (P) 31 51.00 1.4
III 50.49 323 (P) 31 51.00 0.7
TPM 50.76 324 (P) 31 52.50 0.2
UNM 51.11 324 (P) 31 55.50 0.4
MRX 52.51 323 (P) 32 06.00 0.7

SGS 57.32 350 eP 32 38.92 -1.1
JSC 58.50 349 eP 32 46.45 -1.8
eP 32 56.48 33kmX
PRM 58.51 348 eP 32 46.50 -1.8
eP 32 55.02 28kmX
LHS 58.63 350 eP 32 47.39 -1.7
eP 32 56.13 29kmX
CEH 59.76 352 eP 32 55.99 -1.0

0.8s 82.91nm 5.9mb
TKL 60.31 347 eP 32 58.39 -2.4
BLA 61.24 351 eP 33 05.86 -1.3
0.8s 26.75nm 5.4mb
NAV 61.40 351 eP 33 06.58 -1.6
eP 33 16.17 31kmX

CBN 61.85 354 eP 33 10.00 -1.1
UYO 61.87 337 iPc 33 09.50 -1.8
MIAR 61.90 338 eP 33 09.84 -1.8
0.9s 51.69nm 5.7mb
eP 33 19.61 32kmX
OLY 62.11 341 eP 33 10.23 -2.7
eP 33 19.82 31kmX

ELC 63.13 343 eP 33 16.98 -2.7
eP 33 26.79 32kmX
RLO 63.87 338 iPc 33 22.90 -1.7
e 33 32.60
LNO 63.91 337 eP 33 22.90 -1.8
e 33 32.40

TUL 63.91 337 eP 33 23.00 -1.8
0.6s 29.30nm 5.6mb
Z 20s 0.49nm 4.7Msz
e 33 32.80
S 42 05.00
LR 46 16.00

FVM 64.11 342 eP 33 24.01 -2.1
1.0s 168.92nm 6.1mb
Z 21s 0.66nm 4.8Msz
eP 33 33.73 31kmX

08d 10h

OCO	64.18	336	iPd	33	24.90	-1.7	BW06	75.30	331	ePc	34	33.79	-1.0	0.8s	28.00nm	5.6mb					
TBR	64.53	357	eP	33	28.34	-0.4		1.0s	10.33nm					e	36	07.00					
NVL	65.34	159	eP	33	33.00	-0.7	TNP	75.50	324	(P)	34	35.55	-0.5	e	36	42.30					
	1.0s	124.00nm			6.0mb			0.9s	17.83nm				5.1mb	BCAO	90.76	86	iPc	35	55.90	1.3	
Z	18s	0.90um			5.0Msz				epP	34	45.68	32kmX		1.6s	72.00nm	5.8mb					
N	17s	0.30um					PHAM	75.72	320	eP	34	37.81	0.7		ic	36	06.20				
E	17s	0.80um							epP	34	47.49	31kmX		ECRI	90.79	43	iPc	35	54.50	0.4	
		e	33	39.00			MTUM	75.73	322	eP	34	37.59	0.3	EROQ	91.75	46	eP	35	58.43	0.0	
		e	34	13.00					epP	34	47.36	31kmX		EGRA	91.96	44	eP	36	00.91	1.5	
		eS	42	11.00			HVU	75.99	329	eP	34	38.79	0.2	CIR	92.04	114	iPd	36	02.50	2.2	
HRV	65.81	359	P	33	50.00	13.1X			epP	34	48.37	31kmX			ipP	36	16.50	47kmX			
Z	19s	0.95um			5.0Msz		BONR	76.01	323	eP	34	39.81	0.8	YKA	92.74	341	eP	36	01.50	-1.0	
ACO	65.85	335	iPd	33	36.60	-0.8			epP	34	48.86	29kmX			0.9s	13.10nm	5.4mb				
SPA	66.52	180	iPc	33	41.70	0.1	PRI	76.09	320	iPc	34	40.70	1.4	EPF	92.80	44	eP	36	03.60	0.3	
	0.8s	16.67nm			5.2mb				epP	34	49.55	28kmX			1.3s	13.70nm	5.2mb				
TYNO	66.96	352	P	33	43.07	-1.2	MEMM	76.16	322	eP	34	40.19	0.8	LFF	94.00	42	eP	36	08.50	-0.2	
STCO	66.99	353	P	33	43.44	-1.0			epP	34	50.49	33kmX			1.1s	34.70nm	5.7mb				
ACTO	67.49	352	P	33	46.22	-1.4	MMPM	76.17	322	eP	34	40.53	0.6	DCN	94.02	32	eP	36	09.00	0.4	
ALO	67.56	328	eP	33	47.82	-0.7	LLA	76.58	320	iPd	34	41.14	-0.8	LPO	94.15	43	eP	36	09.30	-0.1	
	1.1s	37.09nm			5.4mb				epP	34	51.79	34kmX			1.1s	12.70nm	5.3mb				
Z	20s	0.97um			5.0Msz		PRS	76.64	320	eP	34	43.07	0.9	MFF	94.29	41	eP	36	09.70	-0.3	
WLVO	67.62	354	P	33	58.18	33kmX			epP	34	52.20	29kmX			1.1s	20.50nm	5.5mb				
TUC	67.70	324	ePc	33	47.46	-0.9	KVN	76.68	324	(P)	34	43.44	0.8	DLF	94.36	33	eP	36	10.50	0.4	
	1.1s	61.84nm			5.6mb		ULM	76.94	344	eP	34	43.50	-0.1	LPF	94.48	39	eP	36	10.00	-0.8	
Z	19s	0.77um			4.9Msz		CER	77.14	121	iPd	34	46.00	0.7		1.3s	23.85nm	5.5mb				
		epP	33	58.65	31kmX				77.23	322	(P)	34	45.58	0.1	DMU	94.52	32	eP	36	10.00	-0.9
RSNY	67.95	357	eP	33	49.59	-0.9	CMB	0.9s	15.10nm				5.0mb	RJF	94.66	42	eP	36	11.30	-0.5	
	0.9s	36.54nm			5.5mb				Z	18s	0.38um		4.7Msz		1.1s	15.15nm	5.3mb				
Z	21s	0.99um			5.0Msz		JAQ	77.24	357	eP	34	44.00	-1.1	GRR	94.77	39	eP	36	11.40	-0.8	
EMM	68.08	2	eP	33	51.19	-0.1	ARN	77.42	321	eP	34	47.80	1.2		1.2s	15.45nm	5.3mb				
		epP	34	00.29	29kmX				epP	34	57.43	31kmX		CAF	94.81	43	eP	36	12.30	-0.2	
JFWS	68.69	344	eP	33	53.16	-2.0	GCC	77.48	320	iPc	34	46.16	-0.6	LSF	95.12	41	eP	36	13.40	-0.5	
	0.9s	94.11nm			5.9mb		ANTZ	77.98	52	iPc	34	51.00	1.2		1.0s	11.00nm	5.2mb				
Z	21s	0.98um			5.0Msz				i	34	52.00		FLN	95.17	39	eP	36	13.40	-0.6		
LMN	69.33	4	ePd	34	02.48	30kmX	HMR	78.13	321	(P)	34	52.82	2.5		1.0s	14.60nm	5.4mb				
CBM	70.25	2	eP	34	01.10	2.1	ORV	78.91	322	iPc	34	55.29	0.6	Z	21s	0.43um	4.9Msz				
		epP	34	04.38	-0.2				epP	35	04.71	30kmX		LDF	95.30	39	eP	36	13.80	-0.8	
LIC	70.28	74	P	34	14.10	31kmX	LBFM	80.36	323	eP	35	02.70	0.0		1.1s	16.35nm	5.4mb				
EEO	70.37	354	eP	34	04.30	-1.2			epP	35	11.97	29kmX		TCF	95.56	42	eP	36	15.20	-0.7	
TIC	70.49	73	P	34	07.00	1.6	LGPM	80.58	322	eP	35	04.15	0.4		1.0s	8.40nm	5.1mb				
GLA	70.51	321	eP	34	05.80	-1.0			epP	35	13.92	31kmX		MAF	95.74	42	eP	36	16.20	-0.5	
		epP	34	06.94	0.4		TIO	81.22	51	iPc	35	09.50	2.1		1.2s	15.45nm	5.3mb				
KIC	70.60	74	Pc	34	16.03	29kmX			i	35	19.50		HON	96.23	290	P	36	30.00	10.6X		
		e	34	06.50	-0.9				i	35	23.00			Z	20s	1.46um	5.4Msz				
GLD	70.94	332	eP	34	20.00	0.8	AVE	82.45	49	iP	35	15.50	2.0	AVF	96.49	42	eP	36	19.40	-0.7	
	1.0s	54.00nm			5.6mb				i	35	25.50		SSF	96.71	41	eP	36	20.20	-0.9		
		epP	34	20.39	33kmX		VGB	82.66	327	eP	35	15.69	1.3		1.0s	9.40nm	5.3mb				
GOL	70.96	332	eP	34	09.13	-0.3	MAW	82.69	164	iPc	35	15.00	0.8	SMF	96.72	42	eP	36	20.80	-0.3	
	0.9s	26.42nm			5.3mb				1.0s	72.00nm		5.7mb		1.1s	25.90nm	5.7mb					
Z	21s	0.57um			4.8Msz		NEW	82.90	331	eP	35	14.00	-1.6	LRG	96.89	46	eP	36	22.30	0.4	
PLM	71.91	320	(P)	34	18.85	31kmX			1.0s	20.00nm		5.2mb			1.3s	45.15nm	5.8mb				
		epP	34	15.55	0.4		DPW	83.11	330	eP	35	16.78	0.1	LMR	96.93	46	eP	36	22.40	0.3	
PEC	72.47	321	eP	34	25.09	31kmX	BLF	84.20	119	iPc	35	26.99	32kmX			1.2s	23.80nm	5.6mb			
	1.0s	25.99nm			5.2mb				1.0s	64.00nm		5.7mb		LBF	96.96	42	eP	36	21.40	-0.8	
SRU	72.84	328	eP	34	18.55	0.3			85.10	47	iP	35	29.00	2.2		1.1s	8.05nm	5.2mb			
		epP	34	28.05	30kmX		CNIL	85.16	47	iP	35	30.00	2.8	LOR	97.02	41	eP	36	21.60	-0.9	
SSK	73.00	320	eP	34	29.97	-0.6			85.30	47	iP	35	32.00	4.0X		1.0s	8.40nm	5.2mb			
MSU	73.18	327	ePc	34	29.92	32kmX			85.32	46	iPc	35	29.25	1.3	Z	18s	0.43um	5.0Msz			
		epP	34	22.05	0.4		EJIF	85.54	47	iPc	35	30.73	1.7	FRF	97.12	46	eP	36	23.20	0.2	
GSC	73.27	322	eP	34	23.07	0.4			85.57	47	eP	35	32.00	2.7		0.9s	6.90nm	5.2mb			
		ipP	34	32.34	30kmX		EPRU	85.98	47	iPd	35	33.07	1.8	LPL	98.02	44	eP	36	27.80	0.5	
ARUT	73.28	326	eP	34	32.70	0.7	PGC	86.15	328	eP	35	32.50	0.8		1.0s	7.80nm	5.2mb				
		epP	34	23.97	30kmX				0.7s	17.00nm		5.4mb		LPG	98.02	44	eP	36	27.90	0.5	
EMUT	73.53	329	eP	34	24.23	1.1	MAL	86.40	47	iPc	35	34.50	1.2		1.2s	13.40nm	5.3mb				
RSSD	74.13	335	eP	34	34.18	32kmX			86.44	46	iPc	35	34.69	1.2	DOU	98.73	39	P	36	30.80	0.8
	0.9s	42.12nm			5.4mb		EHOR	86.73	41	eP	35	37.27	0.5	SNF	98.73	39	P	36	30.40	0.4	
Z	20s	0.61um			4.9Msz		EZAM	86.95	47	iPd	35	37.03	1.0	HAU	98.85	41	eP	36	30.00	-0.7	
DAU	74.21	329	eP	34	28.54	-0.1			87.03	48	eP	35	37.47	1.1		0.9s	5.10nm	5.1mb			
		epP	34	38.89	33kmX		ELUQ	87.15	44	eP	35	37.95	1.0	Z	21s	0.45um	4.9Msz				
ABL	74.35	320	eP	34	27.98	0.0	EPLA	87.25	40	eP	35	36.85	-0.4	WLF	99.44	40	P	36	34.00	0.7	
		epP	34	29.47	0.0	STS	87.26	47	iPd	35	38.11	0.5	CDF	99.59	41	eP	36	33.40	-0.8		
ISA	74.48	321	eP	34	39.50	32kmX	ECOG	87.28	117	eP	35	25.50	-12.6X		1.3s	11.20nm	5.2mb				
	1.0s	41.64nm			5.4mb		SLR		Z	20s	2.84um		5.7Msz		KHC	103.71	42	ePd	37	06.50	13.9X
Z	21s	0.65um			4.9Msz											e	37	38.00			
DUG	74.79	328	eP	34	87.59	46	EBAN	87.59	46	eP	35	39.54	0.4	PMR	105.33	331	Pd	37	10.00	10.6X	
	0.9s	17.25nm			5.1mb		ERUA	87.81	41	iPc	35	40.09	0.1		Z	19s	0.41um	5.0Msz			
		epP	34	42.30	33kmX		ENIJ	88.02	48	iPc	35	41.36	0.2	MLR	110.75	48	ePKP	41	10.00	-14.2X	
		ePcP	34	45.79			EMON	88.29	41	eP	35	41.86	-0.5	OBN	118.69	39	iPKPc	41	39.00	0.2	
							GUD	88.69	44	eP	35	45.12	0.7		Z	22s	1.20um	5.5Msz			

WB2	130.43	211	ePKP	41 57.20	-5.3X	XAN	169.61	3	ePKP	42 59.00	0.8	DUG	48.69	319	eP	32 49.55	0.1						
			i	42 02.00		CD2	171.07	34	ePKP	43 00.40	1.4		0.6s		5.22nm		4.4mb						
			i	42 12.10		GYA	176.11	43	PKP	43 01.80	0.9	PEC	48.84	310	eP	32 49.94	-0.6						
WRA	130.44	211	PKP	42 02.80	0.3	S.D. = 1.2 on 205 of 235 obs.													0.7s		4.64nm		4.3mb
ARU	130.69	35	ePKP	42 03.00	1.2	NOV 08, 1992 10h 24m 18.77±0.40s												GSC	49.14	312	eP	32 53.25	0.3
	0.5s		3.30nm			6.793 N ± 6.0km 73.034 W ± 4.5km												HVU	49.52	321	eP	32 55.80	0.0
TIK	130.73	352	ePKP	42 01.00	-0.5	DEPTH = 154.3km (5 depth phases)												BONR	51.36	314	eP	33 10.43	0.4
SVE	131.60	34	ePKPc	42 03.00	-0.5	4.5mb (17 obs.)												LRM	51.65	326	ePd	33 11.50	-0.5
NRI	132.43	10	iPKPc	42 04.70	0.0	NORTHERN COLOMBIA (99)												ORV	54.30	315	ePc	33 31.19	-0.1
	1.2s		32.00nm			BMG	0.28	352	iPc	24 39.00	-2.3	LBFM	55.30	316	eP	33 38.06	-0.7						
ASH	134.24	59	ePKP	42 09.00	-0.2	BOG	2.39	206	iPd	25 02.00	2.5	NEW	55.66	326	eP	33 40.00	-1.1						
MAIO	135.23	62	ePKP	42 11.00	-0.2				iS	25 33.00			1.0s		16.50nm		4.9mb						
			e	44 46.00		SDV	3.16	49	iPnc	25 10.60	1.5	LGPM	55.77	316	eP	33 40.21	-1.9						
BRVK	138.24	35	iPKPd	42 16.80	0.5				iSn	25 48.60		DPW	56.06	325	ePc	33 43.31	-0.7						
	1.2s		18.00nm			TOV	4.37	47	iPnc	25 25.60	0.8				eP	34 18.54	151km						
Z 20s			0.91um		5.5msz				iPP	25 26.10		VGB	56.42	321	ePc	33 46.54	0.0						
N 20s			0.62um			CEOS	5.16	64	iPc	25 35.00	-0.3	BMW	58.38	321 (P)		33 59.58	-0.6						
E 22s			0.53um			MORO	6.18	49	iP	25 48.40	-0.5	GMW	58.59	323	ePc	34 00.31	-1.3						
YAK	139.26	346	ePKP	42 09.20	-8.6X	OLLA	6.95	62	iPd	25 58.40	-1.0	MCW	59.15	324	eP	34 04.54	-0.9						
	0.9s		77.00nm			PSO	7.02	218	iPc	26 02.00	1.4	YKA	63.32	340	eP	34 31.80	-1.3						
YSS	144.72	320	iPKPd	42 26.00	-1.8	GUAN	7.95	66	iPc	26 11.50	-1.3		0.5s		25.60nm		5.4mb						
	1.0s		30.00nm			YHJ	11.54	343	ePd	27 02.28	2.3	MBC	73.85	350	ePc	35 37.80	0.1						
			e	42 36.30					S	28 59.69			0.5s		10.00nm		4.8mb						
KUSJ	145.18	312	ePKP	42 27.40	-1.3	PCJ	11.61	340	ePd	27 02.56	1.7	FBA	77.43	335	eP	35 57.37	-0.7						
GUMO	145.22	260	ePKP	42 27.50	-2.1X	STH	11.81	342	ePd	27 04.69	1.2		1.0s		4.03nm		4.1mb						
PJG	145.22	260	ePKP	42 27.70	-1.9X				S	29 03.63		PMR	77.45	332	eP	35 57.99	-0.2						
WSI	145.30	199	ePKP	42 30.20	0.5	TPP	11.98	72	eP	27 11.77	6.1X		0.8s		9.83nm		4.6mb						
FRU	145.34	48	iPKPc	42 30.50	1.4				i	27 15.33		SPU	78.79	331	eP	36 05.31	-0.3						
	2.0s		660.00nm			TRN	12.12	71	eP	27 11.97	4.5X	CRP	78.85	331	eP	36 05.69	-0.4						
			i	42 41.00					i	27 15.05		NB2	81.31	29 P		36 18.80	-0.2						
ELT	145.54	25	ePKPc	42 28.30	-0.7	TBH	12.39	72	eP	27 19.25	8.2X		0.7s		3.30nm		4.2mb						
	2.6s		188.00nm			GRW	12.42	64	eP	27 15.50	4.0X	GEC2	82.79	42	eP	36 26.10	-0.9						
			e	42 39.00		SVB	13.26	60	eP	27 23.98	1.6		0.6s		1.12nm		3.8mb						
BOD	145.65	356	iPKPc	42 28.60	-0.5	PPM	27.72	299 (P)		30 00.00	4.6X				e	36 29.90	12kmX						
	1.1s		266.00nm			JSC	28.39	346	eP	30 01.05	0.4				e	36 32.40							
ASAJ	146.13	315	ePKP	42 31.20	0.9	LHS	28.47	346	eP	30 01.65	0.3	BOD	115.31	356	ePKP	42 39.60	-3.7X						
POO	146.30	92	iPKPc	42 34.10	2.7X	PRM	28.49	344	eP	30 02.21	0.6		1.4s		258.00nm								
HOOU	146.43	312	ePKP	42 32.00	1.2	GRT	32.95	335	eP	30 40.86	0.2	GKN	139.23	31	PKP	43 47.40	17.4X						
KSH	147.50	53	PKP	42 34.50	1.6	OLY	33.21	332	eP	30 42.65	-0.3	KKN	139.73	30	PKP	43 48.20	17.2X						
MRRJ	147.90	313	ePKP	42 34.80	1.6	MIAR	33.49	328	eP	30 44.21	-1.2	DMN	139.79	31	PKP	43 48.20	17.0X						
GBA	147.98	102	PKP	42 34.50	0.4		0.6s		6.92nm		4.6mb	GUN	139.93	30	PKP	43 48.40	16.9X						
PRZ	148.03	46	iPKPc	42 36.50	2.8X	UYO	33.67	327	iPc	30 46.20	-0.7	PKI	139.98	30	PKP	43 48.40	16.8X						
	1.0s		260.00nm			ELC	33.74	336	eP	30 46.85	-0.6	QIS	145.55	243	ePKP	43 39.70	-1.3						
			e	42 49.00		TBR	34.22	358	eP	30 51.99	0.5		0.6s		5.00nm								
OFUJ	148.79	307	ePKP	42 38.20	3.5X	FVM	34.83	336	ePd	30 56.77	0.0	ASPA	149.17	234	ePKP	43 49.90	3.2X						
UER	149.64	19	ePKP	42 35.50	-0.1		0.7s		91.16nm		5.6mb X		0.5s		24.50nm								
	1.2s		30.00nm			RLO	35.49	329	iPc	31 01.50	-0.9	WB2	150.39	241	iPKPd	43 53.40	4.8X						
			e	42 40.50		LNO	35.71	327	eP	31 03.00	-1.0		0.5s		21.40nm								
HYB	150.30	96	ePKP	42 37.50	-0.2	TUL	35.71	327	eP	31 03.20	-0.9	WRA	150.40	241	PKP	43 49.50	0.9						
	1.0s		120.00nm				0.6s		26.30nm		5.1mb		0.8s		9.00nm								
YAMJ	150.30	306	ePKP	42 42.20	5.1X	FNO	36.11	325	iPc	31 06.90	-0.7	S.D. = 1.0 on 73 of 88 obs.											
NDI	150.54	73	iPKPc	42 39.00	1.3	TYNO	36.65	352	P	31 12.92	0.9	NOV 08, 1992 10h 41m 23.35±0.19s											
	0.9s		184.87nm			ACTO	37.19	352	P	31 17.59	1.1	23.590 S ± 4.0km 70.369 W ± 5.6km											
KAKJ	150.83	302	ePKP	42 43.30	5.4X	WLVO	37.28	354	P	31 18.08	0.9	DEPTH = 28.0km (32 depth phases)											
IRK	151.11	7	ePKP	42 39.10	1.3	RSNY	37.63	358	eP	31 20.78	0.6	5.2mb (41 obs.) 4.6msz (6 obs.)											
	1.3s		30.00nm			EMM	38.11	6	eP	31 24.85	0.7	NEAR COAST OF NORTHERN CHILE (122)											
			e	42 43.80		JFWS	39.05	340	eP	31 31.51	-0.5	MD 5.3 (SAN). Felt (V) at											
MOY	151.21	11	ePKP	42 39.90	2.0		0.4s		69.03nm		5.7mb X	Antofagasta and (IV) at											
	1.1s		147.00nm			LMN	39.56	9	ePd	31 39.50	3.3X	Mejillones.											
NIIJ	151.39	305	ePKP	42 45.00	6.3X	EEO	40.04	354	ePc	31 43.90	3.8X	ANT	0.12	200	iPc+	41 29.40	0.8						
CHJJ	151.79	303	ePKP	42 46.30	6.9X	CBM	40.21	5	ePc	31 43.03	1.5	SLA	4.59	105	ePc	42 37.20	4.3X						
MAT	152.23	304	ePKP	42 46.00	6.0X	ALO	41.59	317	eP	31 53.80	0.5	TLL	6.56	183	eP+	42 56.70	-4.1X						
MTMJ	152.52	305	ePKP	42 46.60	6.1X		0.6s		4.29nm		4.2mb	LPB	7.34	17 P		43 11.70	-0.1						
ZAK	152.84	9	ePKPc	42 41.00	0.7	TUC	43.33	311	ePc	32 07.72	0.4	RTPR	7.52	154	e(P)c	43 12.70	-1.2						
	1.8s		51.00nm				0.8s		11.94nm		4.6mb	RTLL	7.89	168	ePc	43 17.50	-1.7						
MDJ	153.45	327	ePKP	42 41.70	0.3	GOL	43.77	323	ePc	32 11.35	0.3	RTCB	7.99	170	ePc	43 38.60	18.0X						
GTA	162.20	26	ePKP	42 53.50	1.3		0.6s		30.53nm		5.1mb	ZON	8.07	170	eP	43 31.40	9.8X						
LSA	162.43	66	PKP	42 55.10	2.0	RSSD	46.01	329	eP	32 28.50	-0.1	RTBS	8.08	174	e(P)	43 20.00	-1.7						
BJI	162.72	343	ePKP	42 54.00	1.6		0.7s		7.79nm		4.4mb	CFA	8.21	167	e(P)	43 23.30	-0.3						
HHC	162.75	355	PKP	42 54.20	1.6	SRU	46.62	319	ePc	32 33.44	0.0	RTCV	8.40	169	ePc	43 34.00	7.8X						
BTO	163.07	359	ePKP	42 54.00	1.0				eP	33 09.26	160km	TCA	9.27	148	eP	43 35.60	-2.6						
TIY	165.75	351	PKPd	42 57.00	1.6	GLA	46.72	310	eP	32 34.16	0.0	MDZ	9.36	172	eP	43 52.90	13.5X						
	Z 24s		1.48um			JAQ	46.92	358	eP	32 34.50	-0.9				e	45 38.50							
TIA	165.88	334	ePKP	42 56.50	1.0	EMUT	47.20	320	eP	32 38.18	0.1												

[illegible]

ASAJ	146.11	315	ePKP	01	02.60	1.1
POO	146.29	92	ePKP	01	06.00	3.4X
KSH	147.47	53	PKP	01	04.80	0.8
MRRJ	147.89	313	ePKP	01	06.90	2.6X
GBA	147.98	102	PKP	01	05.50	0.3
PRZ	148.00	46	iPKPc	01	07.00	2.2X
	1.0s	180.00nm				
TRT	148.76	186	ePKPd	00	53.30	-13.3X
HYB	150.29	96	ePKP	01	09.50	0.7
	1.0s	120.00nm				
		e	01	14.00		
NDI	150.52	73	iPKPc	01	10.00	1.2
IRK	151.07	7	ePKPd	01	10.00	1.0
		e	01	14.90		
		e	01	19.30		
MOY	151.17	11	ePKP	01	11.10	2.1X
	1.1s	120.00nm				
CIT	151.47	355	ePKP	01	11.50	1.9X
MAT	152.22	304	ePKP	01	17.00	5.8X
ZAK	152.80	9	ePKP	01	12.50	1.1
	1.8s	48.00nm				
MDJ	153.43	327	ePKP	01	12.90	0.3
GKN	157.09	74	PKP	01	18.60	0.4
DMN	157.54	75	PKP	01	19.40	0.5
KKN	157.67	74	PKP	01	18.60	-0.4
PKI	157.81	75	PKP	01	19.20	-0.1
GUN	158.19	74	PKP	01	20.40	0.6
GTA	162.16	26	PKPc	01	24.40	1.1
	Z 26s	0.93um				
HHC	162.71	355	PKP	01	25.70	1.9
TIY	165.72	351	ePKP	01	27.40	0.8
TIA	165.85	334	ePKP	01	28.20	1.6
LZH	166.58	21	PKPd	01	29.00	1.6
	Z 24s	0.48um				
		PKPob	02	30.00		
		ePP	06	19.00		
NJ2	168.27	318	PKPc	01	29.00	0.5
CHG	168.96	113	ePKP	01	29.80	0.5
		e	02	41.00		
XAN	169.57	3	ePKP	01	29.80	0.5
CD2	171.03	34	iPKPd	01	31.40	1.2
GYA	176.08	43	iPKPd	01	33.00	0.9
	S.D. = 1.1	on 171 of 198 obs.				
? NOV 08, 1992 11h 06m 26.82±1.11s						
40.916 N ±11.9km 22.800 E ±6.5km						
DEPTH = 10.0km (geophysicist)						
GREECE (364)						
KNT	0.26	17	ePg	06	32.26	0.0
			eSg	06	35.30	
GRG	0.30	278	ePg	06	33.18	0.0
			eSg	06	37.14	
SOH	0.43	102	ePg	06	35.62	0.0
			eSg	06	41.86	
SRS	0.63	71	ePg	06	39.54	0.0
	S.D. = 0.0	on 4 of 4 obs.				
NOV 08, 1992 11h 12m 37.44±0.35s						
23.675 S ±5.5km 70.283 W ±9.4km						
DEPTH = 28.6km (5 depth phases)						
4.8mb (7 obs.)						
NEAR COAST OF NORTHERN CHILE (122)						
MD 5.0 (SAN). Felt (IV) at						
Antofagasta.						
ANT	0.12	256	iPc+	12	43.50	0.7
			iS	12	49.20	
TLL	6.48	184	eP	14	11.50	-2.2
LPB	7.40	17	Pc	14	26.00	-0.6
RTPR	7.41	154	e(P)d	14	27.20	0.9
RTLL	7.79	168	ePd	14	32.20	0.4
RTCB	7.89	171	ePd	14	59.00	25.8X
ZON	7.97	170	eP	14	47.40	13.1X
CFA	8.11	168	e(P)	14	36.60	0.4
RTCV	8.30	170	eP	14	53.00	14.1X
TCA	9.15	148	i(P)	14	51.50	0.8
MDZ	9.26	172	eP	15	05.30	13.1X
			i	15	23.40	
IHA	9.39	187	eP	15	12.00	18.1X
PEL	9.44	182	eP	14	53.50	-1.1
MRA	9.59	156	e(P)	14	56.60	-0.1
SIV	11.55	50	eP	15	26.00	2.4
VAO	21.42	93	eP	17	25.20	-0.2
			e	17	42.50	
BMA	24.03	93	eP	17	48.60	-2.5
PRM	58.58	348	eP	22	32.46	-1.5

UYO	61.95	337	iPc	22	55.50	-1.5
OLY	62.18	341	(P)	22	56.93	-1.6
ELC	63.20	343	eP	23	02.31	-2.9
FVM	64.19	342	eP	23	09.73	-2.0
	0.6s	16.84nm			5.3mb	
SPA	66.47	180	iPc	23	27.10	0.7
	1.0s	11.50nm			4.9mb	
TUC	67.79	324	eP	23	34.96	-0.1
	1.1s	16.23nm			5.1mb	
KIC	70.53	74	P	23	51.70	-0.4
GLA	70.61	321	(P)	23	53.07	0.8
		eP	24	01.40	27km	
PV10	71.63	329	eP	23	59.59	0.9
PEC	72.56	320	(P)	24	05.30	1.3
	1.2s	10.80nm			4.7mb	
SRU	72.92	328	eP	24	05.67	-0.5
		eP	24	14.93	30km	
MSU	73.27	327	eP	24	09.00	0.7
		eP	24	17.63	28km	
ARUT	73.37	326	eP	24	09.71	1.0
RSSD	74.22	335	eP	24	13.30	-0.3
	0.8s	3.71nm			4.5mb	
DAU	74.29	329	eP	24	14.89	0.6
ORV	79.01	322	eP	24	41.36	1.1
LRM	79.06	331	eP	24	41.40	0.6
LBFM	80.45	323	eP	24	48.36	0.1
		eP	24	57.35	29km	
LGPM	80.67	322	(P)	24	50.25	0.9
NEW	82.99	331	eP	25	03.00	1.8
	1.0s	6.50nm			4.7mb	
DPW	83.20	330	eP	25	02.22	0.0
		eP	25	11.86	30km	
MAL	86.37	47	iPc	25	35.00	16.7X
YKA	92.81	341	eP	25	47.60	-0.4
	0.5s	1.50nm			4.7mb	
CIN	110.40	57	ePKP	31	02.00	-6.8X
GBA	147.88	102	PKP	32	20.80	1.7
HYB	150.20	96	ePKP	32	28.50	5.8X
NDI	150.46	73	iPKP	32	14.00	-8.8X
MAT	152.33	304	ePKP	32	32.00	6.7X
	0.9s	6.72nm				
	S.D. = 1.3	on 36 of 46 obs.				
* NOV 08, 1992 11h 30m 51.88±1.60s						
38.509 N ±11.9km 27.088 E ±14.1km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.4 (ISK).						
IZM	0.18	129	iPg	30	55.60	-0.3
			eSg	31	00.60	
EZN	1.44	336	ePn	31	19.00	1.0
DST	1.62	47	iPn	31	21.90	1.2
KHL	1.92	95	iPn	31	25.50	0.5
EDC	1.93	18	ePn	31	25.50	0.4
BNT	1.95	19	ePn	31	26.00	0.6
ALN	2.52	342	eP	31	32.70	-0.7
EYL	3.14	48	ePn	31	41.00	-1.4
			eSg	32	19.00	
DMK	3.35	9	ePn	31	44.00	-1.3
	S.D. = 1.1	on 9 of 9 obs.				
* NOV 08, 1992 12h 44m 17.15±2.46s						
37.989 N ±15.0km 27.029 E ±19.4km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 2.5 (ISK).						
IZM	0.45	24	iPg	44	25.10	-1.2
			eSg	44	30.10	
CIN	0.92	115	ePg	44	34.00	-0.8
			iSg	44	46.00	
EZN	1.91	344	ePn	44	50.00	-0.1
KHL	1.99	80	ePn	44	52.00	0.6
DST	2.04	37	ePn	44	53.00	1.0
	S.D. = 1.3	on 5 of 5 obs.				
* NOV 08, 1992 13h 15m 40.11±0.70s						
6.892 N ±7.4km 123.933 E ±17.5km						
DEPTH = 33.0km (normal)						
4.7mb (4 obs.)						
MINDANAO, PHILIPPINE ISLANDS (259)						
CGP	1.73	26	eP	16	09.00	0.7
			eS	16	35.00	
BIP	2.65	60	ePd	16	26.00	4.5X
			eS	17	03.00	

PLP	4.37	14	ePc	16	45.80	-0.1
MNI	5.49	170	eP	17	03.00	1.3
			eS	18	01.60	
			e	21	30.00	
TNE	6.94	151	eP	17	23.00	0.9
MTN	20.87	160	eP	20	21.70	-0.3
CHG	27.05	298	eP	21	22.80	1.2
WB2	28.57	159	eP	21	33.20	-2.2
	0.5s	8.90nm			4.7mb	
ASPA	31.89	163	eP	22	03.80	-1.1
	1.2s	6.30nm			4.4mb	
STK	42.08	157	iPc	23	31.10	0.5
	0.8s	10.80nm			4.6mb	
CAN	48.17	152	eP	24	20.00	0.6
KAF	87.52	332	eP	28	24.10	-1.6
	0.6s	3.70nm			4.8mb	
S.D. = 1.3 on 11 of 12 obs.						
? NOV 08, 1992 13h 39m 06.20±1.38s						
5.445 S ± 9.4km 152.493 E ±31.0km						
DEPTH = 33.0km (normal)						
4.2mb (1 obs.)						
NEW BRITAIN REGION, P.N.G. (192)						
RAB	1.29	345	iPc+	39	28.40	0.4
			iS	39	47.00	
RMO	21.23	189	eP	43	51.50	-0.2
			i	43	56.40	
BRS	21.83	179	iP	43	58.00	0.3
WB2	22.78	229	eP	44	08.20	1.0
	0.6s	4.90nm			4.2mb	
ASPA	25.47	223	eP	44	32.50	-0.7
GUN	72.19	301	P	50	29.80	-0.9
S.D. = 0.9 on 6 of 6 obs.						
NOV 08, 1992 14h 26m 32.14±0.51s						
38.141 N ± 5.3km 27.029 E ± 4.8km						
DEPTH = 14.0 ± 3.5 km						
TURKEY (366)						
ML 3.8 (ATH). MD 3.6 (ISK).						
IZM	0.32	36	iPg	26	39.60	0.7
			eSg	26	44.60	
CIN	1.00	123	ePg	26	49.00	-1.6
			iSg	27	04.00	
PRK	1.25	332	ePb	26	55.50	0.5
EZN	1.77	342	iPn	27	02.10	-0.4
DST	1.92	40	iPn	27	06.30	1.5
KHL	1.97	84	iPn	27	05.60	0.1
EDC	2.30	16	ePn	27	10.00	-0.1
BNT	2.32	17	iPn	27	10.60	0.2
KCT	2.34	26	iPn	27	12.30	1.5
ATH	2.62	267	ePn	27	16.00	1.3
ALN	2.86	345	ePn	27	17.68	-0.3
			eSn	27	54.44	
BCK	2.90	102	ePn	27	18.00	-0.8
NPS	3.09	202	ePn	27	23.70	2.3
PAIG	3.16	305	ePn	27	22.08	-0.3
OUR	3.22	314	ePn	27	22.72	-0.5
			eSn	28	03.36	
ISK	3.31	28	ePn	27	26.00	1.4
EYL	3.43	44	ePn	27	27.00	0.7
DMK	3.72	8	ePn	27	30.00	-0.3
ACG	3.79	285	iPn	27	31.12	-0.2
SOH	3.90	314	ePn	27	33.04	0.1
SRS	3.98	319	ePn	27	33.92	-0.1
			eSn	28	22.56	
LIT	4.04	300	ePn	27	33.40	-1.4
KNT	4.39	315	ePn	27	39.40	-0.4
			eSn	28	32.80	
GRG	4.55	310	ePn	27	42.40	0.3
S.D. = 1.0 on 24 of 24 obs.						
? NOV 08, 1992 14h 48m 59.49±1.79s						
20.591 S ±40.7km 170.771 E ±30.1km						
DEPTH = 33.0km (normal)						
4.5mb (5 obs.)						
VANUATU ISLANDS (186)						
DZM	4.29	249	iPc	50	05.00	0.7
HNR	15.23	315	eP	52	00.00	6.1X
BRS	17.77	244	iP	53	09.50	3.4X
ARMA	19.83	237	eP	53	29.30	-1.3
	0.9s	17.00nm			4.4mb	
RMO	21.01	250	eP	53	43.80	1.1
	0.4s	15.00nm			4.7mb	
CAN	24.11	228	eP	54	18.00	4.7X

08d 14h

CMS 24.84 239 eP 54 20.50 0.1
 QLP 25.01 251 eP 54 22.50 0.5
 WB2 34.13 265 eP 55 42.50 -1.1
 0.8s 4.20nm 4.4mb
 WRA 34.14 265 P 55 43.20 -0.5
 0.7s 1.70nm 4.1mb
 ASPA 34.23 258 eP 55 44.60 0.0
 0.8s 6.40nm 4.6mb
 KHC 146.19 333 ePKP 08 37.50 0.5
 e 09 04.50
 SKD 146.50 316 iPKP 08 41.40 3.8X
 BCAD 148.59 243 iPKPd 08 45.00 3.2X
 0.4s 3.00nm
 S.D. = 1.0 on 9 of 14 obs.

NOV 08, 1992 15h 14m 18.15±0.78s
 34.793 N ± 7.0km 4.305 W ± 7.3km
 DEPTH = 33.0km (normal)
 3.7mb (1 obs.)
 MOROCCO (395)
 mbLg 3.8 (MDD). MD 3.7 (RBA).

EMEL 1.22 65 ePn 14 41.55 2.7
 eSn 14 57.20
 OJEN 1.65 323 iP 14 48.00 2.8
 PLAT 1.78 319 iP 14 50.00 2.9
 EJIF 1.91 331 iPnc 14 49.08 0.2
 eSn 15 11.10
 MAL 1.93 357 iPnd 14 49.00 -0.3
 iSg 15 12.00
 CNIL 2.12 318 iP 14 53.00 1.0
 EGUA 2.12 16 iPnd 14 52.32 0.3
 eSn 15 16.00
 ALJ 2.15 331 iP 14 53.00 0.5
 RBA 2.24 250 iPc 14 53.00 -0.6
 iS 15 19.00
 PINR 2.25 320 eP 14 56.00 2.2
 SFS 2.27 318 eP 14 59.00 4.9X
 EPRU 2.29 341 iPnc 14 55.70 1.2
 eSn 15 20.20
 ECOG 2.55 13 iPnd 14 59.63 1.4
 eSn 15 25.90
 ELUQ 2.76 1 iPnd 15 02.69 1.6
 ENIJ 2.76 37 ePn 15 01.63 0.6
 eSn 15 33.10
 AVE 2.98 241 iPc 15 04.00 -0.2
 iS 15 37.50
 EHOR 3.12 346 iPnd 15 06.03 -0.1
 eSn 15 40.30
 EBAN 3.39 7 iPnd 15 10.53 0.5
 eSn 15 47.90
 EVAL 3.41 325 iPnd 15 09.18 -1.2
 EALH 3.84 36 ePn 15 18.04 1.6
 eSn 15 59.10
 EVIA 4.10 20 ePn 15 21.81 1.6
 eSn 16 05.10
 TIO 4.59 214 iP 15 27.50 0.3
 iS 16 16.50
 TOL 5.08 2 ePn 15 28.70 -5.4X
 eSn 16 19.50
 EPLA 5.45 345 iPnd 15 37.83 -1.3
 eSn 16 36.50
 ECHE 5.48 28 ePn 15 41.24 1.6
 eSn 16 39.70
 GUD 5.84 1 iPnc 15 43.99 -0.8
 eSn 16 46.40
 ANTZ 7.88 218 iP 16 12.00 -1.3
 iS 17 36.50
 ERUA 7.91 345 ePn 16 11.50 -2.2
 ECRI 7.93 10 ePn 16 14.01 0.0
 eSn 17 37.50
 STS 8.73 339 ePn 16 23.27 -1.8
 EMON 8.94 346 ePn 16 26.55 -1.5
 EPF 8.98 22 Pn 16 28.60 0.0
 Sn 18 01.20
 LPO 10.74 21 Pn 16 51.10 -1.6
 Sn 18 43.30
 LFF 10.85 19 Pn 16 53.20 -0.9
 CAF 11.24 24 Pn 16 58.50 -1.0
 RJF 11.40 21 Pn 17 00.20 -1.5
 MFF 12.21 14 Pn 17 10.90 -1.6
 Sn 19 15.50
 LPF 13.45 9 Pn 17 27.80 -1.2
 Sn 19 45.30
 GRR 13.82 10 Pn 17 32.70 -1.2
 LDF 14.13 11 Pn 17 36.00 -2.0
 Sn 20 00.70

FLN 14.24 10 Pn 17 38.40 -1.0
 HFS 27.93 19 eP 20 01.00 -5.3X
 0.4s 0.70nm 3.7mb
 KAF 33.45 26 eP 20 51.00 -4.8X
 S.D. = 1.5 on 39 of 43 obs.

NOV 08, 1992 15h 35m 53.89±2.50s
 38.035 N ±15.1km 26.895 E ±19.0km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.3 (ISK).

IZM 0.46 39 iPg 36 02.60 -0.7
 eSg 36 10.60
 CIN 1.04 114 iPd 36 12.00 -1.5
 EZN 1.84 346 ePn 36 26.10 0.3
 DST 2.07 40 ePn 36 29.00 -0.2
 eSg 37 03.00
 KHL 2.09 81 iPn 36 32.10 2.6
 EDC 2.43 18 ePn 36 34.00 -0.2
 BNT 2.45 19 ePn 36 34.00 -0.5
 KCT 2.49 27 ePn 36 35.30 0.2
 S.D. = 1.4 on 8 of 8 obs.

NOV 08, 1992 15h 40m 12.39±1.66s
 37.314 N ±13.8km 21.554 E ±12.0km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 ML 3.3 (ATH), 3.3 (THE).

VLS 1.15 319 ePb 40 33.50 -0.4
 VLI 1.26 118 ePb 40 35.70 0.0
 ATH 1.84 68 ePb 40 44.00 -0.2
 eSb 41 07.00
 IGT 2.41 337 ePn 40 53.92 1.4
 eSn 41 25.04
 KEK 2.76 331 ePg 41 06.00 8.5X
 LIT 2.88 14 ePn 41 00.84 1.7X
 eSn 41 37.20
 KZN 2.99 3 ePn 40 58.50 -2.3
 PAIG 3.10 32 ePn 41 02.52 0.4
 eSn 41 41.40
 GRG 3.70 10 ePn 41 11.20 0.4
 SOH 3.77 21 ePn 41 12.84 1.0
 NPS 3.86 121 ePg 41 24.00 10.8X
 KNT 3.98 15 ePn 41 16.52 1.7X
 VAY 4.08 11 ePn 41 07.70 -8.4X
 SRS 4.11 22 ePn 41 16.48 -0.2
 S.D. = 1.2 on 9 of 14 obs.

NOV 08, 1992 16h 16m 53.82±2.15s
 37.959 N ±13.0km 26.979 E ±17.1km
 DEPTH = 5.0km (geophysicist)
 DODECANESE ISLANDS (369)
 MD 3.4 (ISK).

IZM 0.49 27 iPg 17 02.60 -1.1
 eSg 17 08.10
 CIN 0.95 112 ePg 17 12.00 -0.3
 iSg 17 21.00
 EZN 1.93 345 ePn 17 27.00 -0.6
 DST 2.09 38 iPn 17 30.70 0.7
 EDC 2.48 16 ePn 17 36.00 0.5
 BNT 2.50 17 ePn 17 36.00 0.2
 KCT 2.53 25 iPn 17 36.80 0.6
 S.D. = 0.8 on 7 of 7 obs.

NOV 08, 1992 16h 37m 05.03±1.43s
 44.464 N ± 8.1km 7.115 E ±17.2km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.7 (GEN).

PZZ 0.04 346 P 37 07.07 -0.2
 S 37 08.21
 STV 0.27 146 P 37 10.96 0.3
 S 37 14.85
 ENR 0.32 137 P 37 12.15 0.4
 S 37 16.54
 BHB 0.39 16 P 37 13.34 0.3
 S 37 18.69
 ROB 0.57 107 P 37 16.36 -0.2
 S 37 25.10
 IMI 0.79 135 P 37 19.88 -0.5
 S 37 31.96
 S.D. = 0.5 on 6 of 6 obs.

NOV 08, 1992 16h 39m 02.55±1.21s
 6.138 S ±10.4km 154.450 E ± 9.5km
 DEPTH = 71.0 ± 11.4 km
 4.2mb (4 obs.)
 SOLOMON ISLANDS (193)

RAB 2.99 310 eP 39 49.00 0.4
 HNR 6.35 121 eP 40 36.00 0.3
 eS 41 53.00
 LAT 7.42 266 eP 40 49.30 -1.1
 PMG 7.92 245 eP 40 57.80 0.5
 DZM 19.63 145 iPd 43 26.40 -1.9
 RMO 20.95 194 iPd 43 42.90 1.0
 0.5s 10.00nm 4.4mb
 WB2 23.87 233 eP 44 09.30 -1.3
 0.6s 6.30nm 4.2mb
 ASPA 26.35 226 eP 44 33.60 -0.4
 0.9s 4.20nm 4.0mb
 CMS 26.48 197 eP 44 37.00 2.0
 0.8s 6.00nm 4.2mb
 GUN 74.21 301 P 50 34.80 0.4
 PKI 74.52 301 P 50 36.40 0.2
 KKN 74.69 301 P 50 37.00 0.0
 DMN 74.79 301 P 50 38.20 0.6
 GKN 75.30 301 P 50 40.60 0.2
 HYB 78.48 289 eP 50 57.00 -1.1
 S.D. = 1.1 on 15 of 15 obs.

NOV 08, 1992 16h 46m 02.76±0.95s
 17.534 N ±12.0km 97.288 W ±11.1km
 DEPTH = 33.0km (normal)
 4.1mb (1 obs.)
 OAXACA, MEXICO (60)

OXX 0.70 130 iP 46 16.50 0.1
 iS 46 37.00
 IISM 1.45 357 (P) 46 31.50 4.6X
 IIT 1.77 327 eP 46 35.00 3.2X
 (S) 47 12.00
 PPM 1.98 320 iP 46 36.00 0.8
 iS 47 12.00
 TPM 2.22 311 (P) 46 38.50 0.4
 (S) 47 05.50
 ILL 2.24 292 iP 46 32.00 -6.4X
 iS 47 01.50
 UNM 2.54 315 (P) 46 46.50 3.7X
 (S) 47 32.00
 ACX 2.54 255 eP 46 21.50 -21.1X
 iS 46 45.00
 MRX 4.28 301 (P) 47 06.50 -0.8
 SCX 4.52 99 (P) 47 17.50 6.8X
 TPX 5.49 118 (P) 47 30.00 5.6X
 CGX 6.24 291 (P) 47 55.00 19.8X
 AGX 6.40 313 (P) 48 16.00 38.8X
 UYO 16.76 8 iPc 50 10.60 14.0X
 TUL 18.35 4 eP 50 16.80 0.4
 0.4s 6.20nm 4.1mb
 LNO 18.35 4 eP 50 16.30 0.0
 ACO 19.16 355 iPc 50 25.40 -0.9
 S.D. = 0.8 on 7 of 17 obs.

NOV 08, 1992 17h 35m 36.97±0.97s
 5.341 S ± 5.6km 152.452 E ± 7.1km
 DEPTH = 48.8 ± 8.8 km
 4.6mb (7 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.18 346 iPd- 35 56.70 -0.6
 0.5s 2873.24nm
 iS 36 14.00
 PMG 6.62 232 eP 37 16.20 2.0
 eS 38 37.00
 HNR 8.47 119 eP 37 40.00 0.1
 OIS 19.61 218 iPc 40 04.70 0.4
 0.1s 5.00nm 4.8mb
 RMO 21.32 189 iPd 40 22.30 0.3
 i 40 26.90
 DZM 21.45 142 iPc 40 23.20 -0.1
 BRS 21.93 179 iPc 40 27.00 -1.1
 0.8s 6.00nm 4.1mb
 MTN 22.32 249 eP 40 30.00 -2.0
 e 40 35.00
 QLP 22.53 200 eP 40 35.00 1.0
 WB2 22.82 229 eP 40 37.70 0.8
 0.6s 27.80nm 4.9mb
 ASPA 25.52 223 iPc 41 03.50 0.7

CMS	0.9s	22.50nm	4.7mb	TUL	21.72	354 eP	57	36.80	0.7	0.8s	11.15nm	4.9mb					
	26.74	193 eP	41	13.20	-0.8					Z	20s	0.13um	4.3Msz				
STK	0.6s	6.00nm	4.4mb	Z	20s	0.17um				ECOG	81.07	54 eP	04	59.00	-0.2		
	28.30	200 eP	41	27.00	-1.0					EGUA	81.15	54 eP	04	59.00	-0.5		
	0.7s	4.10nm	4.2mb				58	03.50		LDF	81.33	42 eP	04	59.40	-0.8		
WARB	32.22	227 eP	42	07.60		LNO	21.72	354 eP	57	36.80	0.8						
MBL	35.32	241 eP	42	28.00	-1.7							81.72	44 eP	05	01.30	-0.9	
MEEK	38.60	233 eP	42	57.20	-0.1	PRM	21.97	24 eP	57	37.94	-0.7						
CHG	57.91	296 eP	45	27.20	0.3	JSC	22.59	26 eP	57	43.16	-1.6	EGRA	82.53	48 eP	05	08.90	2.4
GUN	72.10	301 P	46	59.20	0.1	TKL	22.87	20 (P)	57	47.78	0.2	LFF	82.68	46 eP	05	06.60	-0.6
PKI	72.41	301 P	47	00.80	-0.1	LHS	22.96	27 eP	57	47.87	-0.5	EPF	82.82	48 eP	05	07.50	-0.6
KKN	72.58	301 P	47	01.80	0.1	ACO	23.03	347 iPd	57	49.90	0.8		1.0s	8.80nm	4.8mb		
DMN	72.68	301 P	47	03.00	0.6	ELC	23.19	8 eP	57	49.75	-0.8	LSF	82.93	44 eP	05	07.40	-1.1
GKN	73.19	301 P	47	05.20	0.0	FVM	23.75	5 eP	57	54.84	-1.2		0.8s	5.65nm	4.7mb		
IMA	81.08	19 eP	47	48.10	-0.2		0.8s	12.80nm	4.5mb			LPO	83.05	46 eP	05	08.40	-0.8
	1.0s	11.80nm	4.8mb			ALQ	23.92	332 eP	57	58.97	1.0		0.8s	4.85nm	4.6mb		
FBA	82.51	22 eP	47	53.80	-1.8		0.8s	23.90nm	4.8mb			RJF	83.13	45 eP	05	08.70	-0.9
GEC2	124.33	328 ePKPd	54	32.30	-0.1	TUC	24.23	321 eP	58	01.98	1.1		0.8s	5.90nm	4.7mb		
	0.5s	1.42nm					1.1s	60.73nm	5.0mb			TCF	83.38	44 eP	05	09.90	-1.0
			54	40.10		NAV	25.41	23 eP	58	11.37	-0.7		1.1s	10.25nm	4.8mb		
			54	46.60					58	27.50		CAF	83.60	45 eP	05	11.10	-0.9
GRF	125.06	330 ePKP	54	34.00	0.4	PLM	28.84	315 eP	58	44.33	0.8		0.9s	4.90nm	4.6mb		
CDF	127.85	331 ePKP	54	39.10	0.0	SRU	29.19	331 eP	58	47.25	0.6	MAF	83.64	44 eP	05	11.30	-0.9
	0.6s	1.45nm				PEC	29.36	316 eP	58	48.54	0.5		0.8s	3.65nm	4.5mb		
BSF	128.48	331 ePKP	54	40.60	0.2		1.0s	8.48nm	4.4mb			BGF	83.74	44 eP	05	12.00	-0.7
	0.6s	2.25nm				ARUT	29.66	326 eP	58	51.78	1.0	DOU	83.99	40 P	05	14.00	0.2
HAU	128.58	331 ePKP	54	40.90	0.5	EMUT	29.89	332 eP	58	53.69	0.7	AVF	84.02	43 eP	05	13.00	-1.1
	0.7s	3.40nm				DAU	30.57	332 eP	58	59.84	0.8		0.8s	5.65nm	4.7mb		
LPL	130.11	329 ePKP	54	44.40	0.7	LVNJ	30.87	28 eP	58	59.67	-1.6	SSF	84.06	43 eP	05	13.30	-1.0
	0.6s	1.00nm				DUG	31.14	330 eP	59	04.88	1.1		0.8s	9.00nm	4.9mb		
LPG	130.11	329 ePKP	54	44.60	0.8		0.8s	2.94nm	4.1mb			LOR	84.24	43 eP	05	14.50	-0.7
	0.5s	0.65nm				RSSD	31.23	345 eP	59	04.54	-0.2		0.8s	5.90nm	4.7mb		
SSF	130.59	332 ePKP	54	45.30	1.0		0.7s	11.66nm	4.8mb			Z	19s	0.17um	4.5Msz		
	0.9s	3.30nm							01	58.55		NB2	84.38	28 P	05	15.70	0.0
LPB	134.39	119 ePKP	54	54.00	1.1	BW06	31.81	337 eP	59	10.00	0.2		0.7s	3.70nm	4.6mb		
ZOBO	134.46	119 PKP	54	52.90	-0.4		1.6s	24.12nm	4.8mb			SMF	84.39	43 eP	05	14.80	-1.1
SIV	140.63	123 ePKP	54	58.00	-6.0X	HVU	32.36	332 eP	59	15.15	0.7		0.8s	4.55nm	4.6mb		
	S.D. = 1.0	on 34 of 35 obs.				BONR	32.58	321 eP	59	17.56	1.0	LBF	84.39	43 eP	05	14.90	-1.1
						MEMM	32.79	320 eP	59	19.51	1.5		0.7s	2.20nm	4.4mb		
NOV 08, 1992 17h 43m 49.78 ± 0.78s						KVN	33.17	323 eP	59	23.04	1.4	ENN	84.63	39 eP	05	17.50	0.5
6.003 S ± 7.0km 145.953 E ± 11.1km						RSNY	34.04	24 eP	59	27.02	-1.9		0.9s	12.00nm	5.0mb		
DEPTH = 14.7 ± 5.5 km							0.8s	12.60nm	4.9mb			WLF	85.08	40 P	05	20.00	0.8
3.6mb (2 obs.)						EEO	34.34	17 eP	59	35.50	4.1X	HAU	85.66	42 eP	05	21.90	-0.4
NEW GUINEA, PAPUA NEW GUINEA (202)						LRM	35.50	336 ePc	59	42.30	0.7		0.7s	7.30nm	5.0mb		
YYYY 0.24 176 iPc	43	55.90	0.6			ORV	35.53	321 eP	59	42.68	1.0	Z	20s	0.15um	4.4Msz		
MDG 0.77 347 iPd	44	03.70	-0.6			ULM	35.98	357 eP	59	47.00	1.7	HFS	85.85	29 eP	05	22.50	-0.4
LAT 1.23 122 eP	44	12.10	-0.1			ZOBO	39.03	140 P	00	11.30	-0.7		0.6s	2.40nm	4.6mb		
MNDI 2.29 266 eP	44	33.50	5.7X			Z	20s	0.29um	4.1Msz			Z	19s	116.00um	7.3MszX		
WB2 17.87 218 eP	47	59.90	0.4						12	14.00				LR	36	17.00	
	0.7s	3.10nm	3.5mb			LPB	39.24	140 eP	00	16.00	2.5	LIC	86.52	84 P	05	28.20	1.1
ASPA 21.05 212 eP	48	33.80	-1.9			NEW	39.35	334 eP	00	13.00	-0.7	EMS	86.60	43 ePd	05	27.60	0.4
	1.9s	5.00nm	3.6mb				1.2s	22.73nm	4.9mb			KIC	86.77	84 P	05	29.40	1.1
GUN 67.00 304 P	54	45.20	0.2			LMN	39.44	31 eP	00	16.50	2.1	LMR	87.11	46 eP	05	29.40	0.0
PKI 67.27 303 P	54	47.20	0.5			DPW	39.51	333 ePc	00	15.43	0.4		0.9s	10.00nm	5.0mb		
KKN 67.45 303 P	54	48.00	0.3			LON	40.38	329 eP	00	22.73	0.5	FRF	87.14	46 eP	05	29.60	0.0
DMN 67.54 303 P	54	48.60	0.3			JAO	41.74	15 eP	00	32.00	-1.2		0.8s	8.85nm	5.0mb		
GKN 68.06 303 P	54	51.80	0.3			SIV	43.56	132 eP	00	52.00	3.5X	MMK	87.29	43 ePd	05	32.00	1.4
	S.D. = 0.9	on 10 of 11 obs.				FCC	44.44	359 eP	00	57.50	2.5	LLS	87.72	42 ePd	05	33.50	0.9
						YKA	50.57	347 eP	01	42.40	-0.5	TMA	87.88	43 ePd	05	33.80	0.5
NOV 08, 1992 17h 52m 46.97 ± 1.08s							0.8s	44.70nm	5.5mb			VDL	88.15	42 ePd	05	35.60	0.9
14.248 N ± 7.8km 92.987 W ± 5.2km						BALM	58.60	334 eP	02	42.00	0.4	GRF	88.20	39 eP	05	36.00	1.4
DEPTH = 45.2 ± 8.1 km						PDCR	59.63	114 eP	02	49.30	0.1	BRG	89.41	37 e(P)	05	41.50	1.2
4.8mb (41 obs.) 4.3Msz (5 obs.)						KLU	60.33	334 eP	02	54.28	0.8	KHC	89.84	39 eP	05	44.00	1.6
NEAR COAST OF CHIAPAS, MEXICO (69)						PMR	61.76	333 eP	03	02.69	-0.4			e	05	50.40	
TPX 0.96 47 iP	53	07.00	2.8				1.1s	36.55nm	5.4mb			GEC2	90.02	39 ePd	05	43.70	0.4
SCX 2.50 8 iP	53	28.50	2.5			FBA	62.64	337 ePc	03	07.98	-0.9		0.9s	3.31nm	4.6mb		
		iS	54	01.00			0.8s	6.72nm	4.8mb					e	05	50.40	
OXX 4.57 309 iP	53	55.00	-0.6			SPU	62.91	332 eP	03	09.86	-0.9	PRU	90.10	38 eP	05	43.70	0.2
IISM 6.32 319 (P)	54	17.50	-2.5			MBC	63.55	353 eP	03	15.00	0.3	ZST	92.35	39 eP	05	55.60	1.7
IIT 6.97 314 eP	54	29.00	-0.4				1.0s	22.00nm	5.2mb			SNZO	100.97	230 Pd iff	06	44.00	10.8X
	(S)	55	30.00			TTA	65.25	333 eP	03	25.07	-1.0	ARMA	118.83	243 ePd iff	08	08.40	15.3X
PPM 7.22 312 iP	54	31.50	-1.7				1.1s	10.54nm	4.8mb				1.3s	21.00nm			
III 7.45 304 iP	54	34.50	-1.6			STS	76.41	49 eP	04	32.00	-1.6	CSY	125.68	191 ePKP	11	55.10	10.5X
TPM 7.49 310 (P)	54	36.00	-0.6			EMON	77.23	48 eP	04	37.00	-1.2		0.7s	21.60nm			
UNM 7.79 311 (P)	54	35.00	-5.9X			ERUA	77.51	49 eP	04	38.50	-1.2			i	12	10.60	
MRX 9.54 306 iP	55	04.00	-0.7			EKA	78.32	36 P	04	43.00	-0.9	WRA	134.52	256 PKP	12	13.90	11.0X
CGX 11.39 300 eP	55	29.50	-0.7				1.7s	54.10nm	5.3mb				0.8s	1.50nm			
AGX 11.66 312 (P)	55	43.50	9.9X			EPLA	78.64	51 eP	04	45.00	-1.0	NDI	136.28	12 ePKP	12	07.00	1.0
BUTX 17.82 348 Pn	56	52.44	-0.8			EHOR	79.65	54 eP	04	50.50	-1.0	GUN	138.08	2 PKP	12	01.30	-8.6X
	Lg	59	59.22			GUD	80.00	51 eP	04	52.50	-1.0	KKN	138.18	2 PKP	12	00.80	-9.1X
UYO 19.88 356 iPd	57	15.10	-2.2			LPF	80.84	43 eP	04	56.50	-1.1	CHG	145.11	340 iPKPc	12	21.30	-0.7
OLY 21.21 3 eP	57	30.30	-0.7				0.9s	10.50nm	4.8mb				1.0s	14.75nm			
FNO 21.29 350 iPd	57	34.50	2.6			ECRI	80.85	48 eP	04	57.50	-0.4	LOE	145.36	335 iPKPd	12	22.80	0.4
OCO 21.57 350 iPc	57	36.00	1.4			GRR	80.89	42 eP	04	56.90	-1.0			i	26	28.50	
							0.8s	15.30nm	5.0mb			BDT	146.55	339 ePKP	12	25.00	0.7
						FLN	81.06	42 eP	04	58.00	-0.8		0.8s	67.40nm			

08d 18h

HYB 147.45 15 iPKPc 12 28.50 2.6X
 1.0s 70.00nm
 NST 147.57 336 ePKP 12 33.80 7.8X
 KHT 148.96 338 iPKPc 12 33.60 5.3X
 NNT 150.51 334 ePKP 12 37.60 7.0X
 KOD 153.90 22 ePKP 12 48.00 12.0X
 S.D. = 1.1 on 117 of 132 obs.

* NOV 08, 1992 18h 02m 29.25±0.97s
 32.020 S ±14.5km 178.181 W ±17.9km
 DEPTH = 10.0km (geophysicist)
 4.9mb (5 obs.)

SOUTH OF KERMADEC ISLANDS (179)

RAO 2.77 5 eP 03 14.00 -0.5
 S 03 44.60
 HBZ 6.27 206 eP 03 58.00 -6.0X
 NOZ 7.27 204 eP 04 09.40 -8.7X
 URZ 7.32 210 eP 04 13.00 -5.8X
 S 05 36.20
 OUZ 7.56 243 eP 04 23.10 0.9
 WAHZ 8.85 209 eP 04 33.70 -6.5X
 KHZ 12.29 210 eP 05 18.20 -8.9X
 S 07 28.30
 DZM 16.89 302 iPc 06 31.00 3.7X
 RMQ 29.30 272 eP 08 36.00 2.0X
 CMS 30.52 261 eP 08 46.60 1.7X
 S 0.4s 7.00nm 4.9mb
 ASPA 42.90 269 eP 10 28.90 -0.9
 S 0.7s 15.20nm 4.8mb
 WB2 44.02 274 eP 10 38.10 -0.7
 S 0.3s 54.50nm 5.9mb X
 WRA 44.03 274 P 10 38.80 -0.1
 S 1.2s 9.60nm 4.5mb
 SPA 58.15 180 iPd 12 23.60 -1.8
 S 0.9s 19.09nm 5.1mb
 NVL 77.26 183 eP 14 32.00 7.3X
 S 1.8s 30.00nm 5.1mb
 KAF 146.01 340 iPKP 22 09.20 -0.1
 S 0.5s 3.80nm
 NUR 147.77 339 ePKP 22 13.60 1.5
 S 0.9s 29.60nm
 BCO 148.39 213 iPKPc 22 16.30 1.7
 S 0.4s 8.00nm
 NB2 150.32 351 PKP 22 19.50 3.3X
 S 0.9s 4.50nm
 HFS 150.79 348 ePKP 22 19.30 2.5X
 S 1.3s 39.90nm
 S.D. = 1.3 on 9 of 20 obs.

NOV 08, 1992 18h 18m 58.96±0.14s
 33.559 N ±2.7km 141.926 E ±2.9km
 DEPTH = 48.0km (31 depth phases)
 5.5mb (123 obs.) 5.0msz (18 obs.)

OFF EAST COAST OF HONSHU, JAPAN (229)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 22S, 30C

Centroid Location:

Origin Time 18:19: 1.3 0.6

Lat 33.70N 0.09 Lon 141.81E 0.07

Dep 24.1 3.5 Half-duration 1.1

Moment Tensor: Scale 10**16 Nm

Mrr=-8.35 0.66 Mtt=-0.96 0.99

Mff=9.31 0.66 Mrt=0.44 2.52

Mrf=-7.39 2.86 Mtf=1.16 0.70

Principal Axes:

T Vol= 12.06 Plg=20 Azm= 94

N -0.97 6 2

P -11.10 69 257

Best Double Couple: Mo=1.2*10**17

NP1: Strike=194 Dip=26 Slip=-77

NP2: 0 65 -96

KAKJ 3.01 332 P 19 43.10 -2.1
 S 20 21.20
 CHJJ 3.46 317 P 19 50.10 -1.6
 IIDJ 3.83 301 P 19 58.40 1.5
 S 20 45.20
 MAT 4.26 315 iPd 20 01.90 -1.1
 S 20 52.50
 NIJJ 4.38 328 P 20 02.80 -1.8
 S 20 56.60
 MTMJ 4.53 313 P 20 06.40 -0.5
 YAMJ 4.85 342 P 20 07.70 -3.6X
 S 21 03.00
 TSRJ 5.29 294 P 20 17.90 0.5

WKYJ 5.31 279 P 20 18.00 0.2
 OFUJ 5.51 358 P 20 14.50 -6.1X
 S 21 13.00
 TKSJ 6.57 276 P 20 37.10 1.6
 AOMJ 7.10 350 eP 20 38.90 -3.9X
 YONJ 7.18 285 P 20 44.50 0.5
 HOOJ 8.87 7 P 20 59.40 -8.0X
 S 22 32.10

MRRJ 8.88 356 eP 21 01.30 -6.1X
 S 22 37.60
 SHNJ 9.02 277 P 21 10.40 1.0
 KUMJ 9.37 267 P 21 16.30 2.0
 S 23 07.80

KAGJ 9.63 259 P 21 22.00 4.2X

KUSJ 9.77 12 eP 21 10.10 -9.6X

S 22 51.00

ASAJ 10.56 3 eP 21 22.50 -8.0X

KUR 12.53 20 iPc 21 52.00 -4.9X

S 0.5s 90.00nm 6.0mb

Z 12s 10.60um 4.4msz X

N 12s 13.30um

YSS 13.46 2 iPc 22 02.80 -6.3X

S 1.0s 50.00nm 5.3mb

MDJ 14.60 323 eP 22 23.00 -1.1

S 0.8s 21.00nm 4.6mb

Z 16s 7.78um 4.9msz X

N 17s 3.91um

E 13s 3.06um

CN2 16.41 313 eP 22 46.30 -1.0

S 0.8s 25.00nm 4.4mb X

Z 16s 6.16um 4.5msz

N 14s 2.78um

E 14s 2.18um

SNY 16.68 305 Pd 22 57.00

S 0.8s 52.00nm 4.7mb

Z 20s 3.10um 4.0msz

N 13s 1.78um

E 14s 1.09um

DL2 17.21 294 P 22 58.00 0.6

S 0.8s 130.00nm 5.1mb

Z 16s 2.98um 5.4msz

N 12s 3.00um

E 12s 2.01um

SSE 17.70 268 P 23 03.50 0.0

S 1.0s 22.00nm 4.2mb X

Z 19s 5.00um

N 15s 2.00um

E 13s 2.80um

S 23 19.00

S 26 16.00

NJ2 19.45 272 Pc 23 23.00 -1.4

S 1.4s 90.00nm 4.9mb

N 15s 2.32um

E 15s 3.28um

SKR 20.01 27 eP 23 40.00 9.8X

Z 16s 3.30um 4.8msz X

N 16s 2.20um

E 16s 3.30um

S 27 10.00

GUMO 20.06 172 eP 23 33.40 2.4

S 1.0s 398.40nm 5.7mb

Z 23s 0.49um 3.8msz X

PJG 20.06 172 eP 23 33.20 2.2

GUA 20.12 172 eP 23 32.70 1.1

S 0.7s 142.47nm 5.4mb

TIA 20.50 284 eP 23 34.40 -1.1

S 0.7s 46.00nm 4.9mb

Z 16s 10.50um 5.3msz X

N 13s 2.67um

E 13s 5.28um

S 23 44.00 37kmX

BJI 21.57 295 eP 23 44.50 -1.7

S 1.5s 120.00nm 5.1mb

Z 16s 2.04um 4.6msz X

N 14s 1.23um

PET 22.84 27 eP 24 11.00 12.4X

S 1.3s 100.00nm

Z 18s 1.50um 4.5msz

N 16s 1.50um

E 16s 0.90um

S 28 04.00

WHN 23.54 270 iPc 24 05.50 -0.1

S 0.8s 440.00nm 6.0mb

Z 18s 4.82um 5.0msz

E 13s 2.62um

S 24 19.00

TIY 24.28 288 Pc 28 17.50
 S 24 12.50 -0.4
 Z 1.0s 86.00nm 5.2mb
 E 16s 5.95um 5.2msz X
 S 28 25.00

PIP 24.37 237 iPd 24 11.50 -2.2
 HHC 25.17 296 P 24 21.00 -0.4
 S 24 25.00
 E 16s 360.00nm 5.9mb
 S 28 44.00

S 28 52.00

BAG 25.72 234 eP 24 24.10 -2.7

BTO 26.31 295 P 24 32.00 0.0

S 24 32.00 5.8mb

N 15s 2.13um

E 16s 1.79um

PP 25 14.00

PLP 27.17 219 ePc 29 02.50

MGD 27.19 10 eP 24 39.00 -0.8

S 24 37.00 -2.6

S 1.3s 110.00nm 5.3mb

e 24 52.00 62kmX

e 24 56.00

eS 29 12.00

eSSS 30 44.00

e 35 22.00

XAN 27.37 280 Pd 24 39.80 -1.8

S 0.8s 49.00nm 5.2mb

Z 17s 4.76um 5.1msz X

N 16s 1.94um

E 16s 3.88um

pP 24 49.50 35kmX

CIT 27.51 321 eP 24 41.00 -1.8

YAK 29.53 348 iPd 24 59.00 -1.7

S 1.9s 210.00nm 5.5mb

Z 16s 3.20um 5.0msz X

N 16s 1.90um

E 18s 0.80um

CGP 29.62 216 iPd 24 59.50 -2.4

BOD 30.67 331 iPd 25 10.60 -0.3

S 0.7s 34.00nm 5.2mb

LZH 31.23 286 Pc 25 15.50 -0.8

S 1.8s 150.00nm 5.5mb

Z 18s 2.94um 5.0msz

E 15s 2.47um

pP 25 24.50 31kmX

sP 25 29.00

PP 26 15.00

eS 30 13.00

GYA 31.24 266 iPc 25 14.80 -1.6

S 1.0s 69.00nm 5.4mb

Z 18s 4.00um 5.1msz

N 16s 1.91um

E 16s 2.29um

PcP 28 11.00

CD2 32.27 276 iPd 30 17.00

S 25 23.00 -2.3

Z 0.8s 90.00nm 5.7mb

E 20s 4.69um 5.2msz

IRK 32.80 316 ePc 25 30.80 1.2

S 1.4s 35.00nm 5.0mb

Z 16s 4.36um 5.3msz X

N 15s 0.83um

E 17s 1.72um

e 26 40.60 367kmX

ZAK 32.84 313 iPd 25 30.50 0.6

S 1.9s 105.00nm 5.4mb

Z 16s 3.10um 5.1msz X

N 14s 0.78um

E 17s 2.95um

eS 30 50.00

GTA 34.13 292 P 25 42.00 0.6

S 1.5s 60.00nm 5.3mb

Z 22s 2.06um 4.8msz

E 14s 1.11um

pP 25 52.50 37kmX

sP 25 55.80

PcP 28 19.00

eS 31 05.00

sS 31 20.00

PcS 32 03.40

MOY 34.59 314 eP 25 46.30 1.3

S 1.5s 44.00nm 5.2mb

TNE 35.35 206 eP 25 51.00 -0.8

KKM 36.31 227 ePd 26 01.00 0.9

08d 18h

PSZ	83.73	325	iPd	31	24.80	0.7	CEY	87.89	326	eP	31	45.00	0.4	MAF	92.52	333	eP	32	06.80	0.6
HRI	83.95	306	eP	31	27.00	1.5	VOY	87.92	327	eP	31	44.70	-0.1		0.5s		8.75nm		5.4mb	
GZR	84.04	322	ePd	31	26.00	0.3	WTTA	87.99	329	iPc	31	45.60	0.4	TCF	92.60	333	eP	32	06.90	0.3
BRG	84.25	330	iPd	31	26.70	0.2	FVI	88.00	328	P	31	41.70	-3.3X		0.9s		16.85nm		5.5mb	
	1.2s		75.00nm			5.6mb	UCC	88.05	335	Pc	31	45.60	0.4	SOI	92.77	320	P	32	08.00	0.6
			i	31	41.50	51km	HOFF	88.20	332	P	31	46.51	0.6	LSF	92.88	334	eP	32	08.10	0.2
VRAC	84.26	328	iPd	31	27.50	0.9	TRI	88.22	327	ePc	31	45.70	-0.4		1.1s		46.90nm		5.8mb	
	1.5s		487.40nm			6.4mb			e	32	00.00	49km	FRF	93.07	329	eP	32	08.30	-0.4	
			e	31	42.20	51km			e	45	36.00			1.1s		26.35nm		5.6mb		
CLL	84.32	331	iPd	31	26.80	0.0	SNF	88.31	335	iPc	31	46.88	0.4	MFF	93.19	335	eP	32	09.70	0.5
	1.3s		145.00nm			5.9mb	WLF	88.31	333	iPc	31	47.39	0.9		1.1s		43.00nm		5.8mb	
			i	31	40.90	48km	DOU	88.54	334	P	31	45.00	-2.6	LRG	93.28	329	eP	32	09.50	-0.1
JARJ	84.42	305	P	31	28.90	1.1	DMU	88.82	342	eP	31	49.00	0.1		1.1s		44.70nm		5.8mb	
CSS	84.54	309	eP	31	29.20	0.9		1.0s		58.00nm		5.8mb	LMR	93.31	329	eP	32	09.60	-0.2	
MML	84.66	305	eP	31	29.70	1.7	CDF	88.89	332	eP	31	49.50	0.0		1.1s		42.25nm		5.8mb	
PRU	84.66	329	Pd	31	29.40	0.8		1.5s		58.50nm		5.7mb	RJF	93.69	333	eP	32	12.10	0.5	
	1.3s		71.90nm			5.6mb	SLE	88.92	331	ePc	31	49.60	0.1		1.2s		39.00nm		5.7mb	
	Z 15s		1.30um			5.4MszX	OSS	89.08	329	ePc	31	51.00	0.5	Z 21s			0.17um		4.5Msz	
	N 16s		0.70um				DLF	89.26	342	P	31	51.10	0.1	CAF	93.80	333	eP	32	13.00	0.9
	E 16s		0.80um					1.0s		70.00nm		5.9mb		1.2s		30.65nm		5.6mb		
			e	31	43.30	47km	DCN	89.41	342	eP	31	51.60	-0.1	LFF	94.29	333	eP	32	15.10	0.8
			e	34	45.70			0.9s		77.00nm		6.0mb		1.1s		29.80nm		5.6mb		
SALJ	84.73	305	P	31	30.30	0.9	LLS	89.42	330	ePc	31	52.40	0.3	LPO	94.34	333	eP	32	15.40	0.8
ZST	84.84	327	eP	31	30.20	0.7	VDL	89.53	329	iPc	31	53.00	0.4		1.2s		27.05nm		5.6mb	
			e	34	47.90		BSF	89.55	332	eP	31	52.30	-0.3	JSC	101.29	35	ePd	32	41.05	-5.0X
MASJ	84.87	305	P	31	31.50	1.4		1.1s		11.00nm		5.1mb	SPA	123.38	180	iPKPc	37	51.90	0.4	
ZNT	85.04	306	eP	31	32.30	1.4	HAU	89.59	332	eP	31	52.30	-0.4		0.5s		11.11nm			
TUC	85.27	54	eP	31	32.26	0.2		1.0s		11.00nm		5.1mb	ZOBO	147.94	65	PKP	38	38.00	-0.6	
	1.3s		30.66nm			5.3mb	Z 19s			0.15um		4.4Msz		1.2s		40.54nm				
			eP	31	45.61	45km	TMA	90.08	329	iPc	31	55.10	-0.1	LPB	148.11	65	PKP	38	40.20	1.6
MOX	85.39	331	ePd	31	32.30	0.0	RSM	90.18	326	P	31	58.50	3.1X		1.2s		125.00nm			
	1.6s		121.00nm			5.8mb	ARV	90.28	326	P	31	56.00	0.1	LPB	148.11	65	PKP	38	41.00	2.4X
	Z 19s		0.60um			5.0Msz	VAI	90.31	329	P	31	55.50	-0.5	TLL	152.06	92	iPKPd	38	50.30	6.2X
	N 20s		0.60um				SFI	90.47	326	P	31	58.00	1.3	PEL	152.81	98	ePKP	38	52.00	7.2X
EDU	85.44	341	ePc	31	33.20	0.8	MMK	90.51	330	ePc	31	57.90	0.7	SIV	152.86	55	PKP	38	49.40	4.1X
HOF	85.54	331	eP	31	33.50	0.5	CRE	90.65	326	P	31	58.80	1.1		S.D. = 1.0		on 272 of 298 obs.			
	1.0s		73.00nm			5.8mb	DIX	90.71	330	ePc	31	58.80	0.6		NOV 08, 1992 18h 21m 20.33±0.34s					
WIT	85.57	335	eP	31	35.00	1.9	ASS	90.74	325	P	31	58.40	0.3		38.190 N ± 3.4km		26.933 E ± 3.4km			
			e	31	48.00	43km	ORX	90.83	330	P	31	57.98	-0.6		DEPTH = 12.7 ± 2.2 km					
ELO	85.69	342	ePc	31	34.50	0.8	ORO	90.84	330	P	31	57.90	-0.7		3.9mb (3 obs.)					
KHC	85.72	329	Pd	31	34.50	0.5	FIR	90.85	327	eP	32	01.00	2.5		AEGEAN SEA		(365)			
	1.2s		30.00nm			5.4mb	EMS	90.92	331	ePc	31	59.40	0.3		ML 4.1 (ATH), 3.8 (THE), MD 3.9					
	Z 16s		1.50um			5.5MszX	AQU	90.93	325	P	31	58.20	-0.8		(ISK).					
	N 16s		0.50um				BDI	90.93	327	P	31	58.30	-0.7							
	E 16s		1.50um				LOR	91.16	333	eP	32	00.00	0.1							
			e	31	35.60	3kmX		1.1s		27.85nm		5.6mb	IZM	0.33	51	iPg	21	28.20	0.8	
			e	31	49.00		Z 17s			0.20um		4.6MszX	CIN	1.09	122	iPg	21	40.00	-0.5	
EBH	85.83	341	ePc	31	35.10	0.7	SDI	91.22	324	P	32	00.10	-0.2				iSg	21	54.00	
	1.0s		43.00nm			5.6mb	LSD	91.32	330	P	32	01.55	0.6	PRK	1.17	334	ePg	21	43.20	1.2
ESY	85.88	341	ePc	31	35.30	0.7	LBF	91.35	333	eP	32	00.70	-0.1	EZN	1.70	344	iPn	21	50.20	0.4
GEC2	85.89	329	iPc	31	35.10	0.2		1.1s		23.70nm		5.5mb	DST	1.94	43	iPn	21	53.60	0.3	
	0.8s		10.36nm			5.1mb	FLN	91.45	336	eP	32	01.10	-0.1	KHL	2.04	85	iPn	21	55.70	0.8
			e	31	49.60	50km		1.0s		34.00nm		5.7mb	EDC	2.27	18	iPn	21	58.00	-0.1	
			e	32	02.20		Z 20s			0.22um		4.6Msz	BNT	2.30	19	iPn	21	58.00	-0.5	
EAB	86.10	342	eP	31	36.90	1.2	LPL	91.45	330	eP	32	01.80	0.3	KCT	2.34	28	iPn	21	58.20	-0.8
EBL	86.12	341	ePc	31	37.40	1.6		1.0s		28.20nm		5.6mb	ATH	2.55	266	ePn	22	03.20	1.2	
	0.8s		52.00nm			5.8mb	TDS	91.45	321	P	32	01.90	0.5				eSn	22	40.00	
EAU	86.17	341	ePc	31	37.00	0.9	LPG	91.46	330	eP	32	02.00	0.3	ELL	2.77	120	ePn	22	07.00	1.6
	0.9s		64.00nm			5.9mb	SSF	91.46	333	eP	32	01.50	0.2	ALN	2.79	346	iPnc	22	05.92	0.5
WTS	86.18	334	ePc	31	37.00	0.9		1.1s		29.80nm		5.6mb	BCK	2.99	103	iPn	22	08.60	0.3	
	1.0s		40.00nm			5.6mb	PCP	91.46	329	P	32	01.28	-0.1	PAIG	3.07	305	ePnd	22	09.64	0.2
GRF	86.29	330	iPd	31	37.90	1.1	LDF	91.47	336	eP	32	01.30	0.0				eSn	22	44.52	
	1.3s		196.00nm			6.2mb	RSP	91.53	330	P	32	01.18	-0.6	NPS	3.11	200	ePn	22	10.00	0.0
	Z 18s		0.80um			5.2Msz	SMF	91.68	333	eP	32	02.40	0.1	ISK	3.31	29	ePn	22	12.00	-0.8
			e(P)	31	52.80	51km		1.1s		32.70nm		5.7mb	HRT	3.37	38	ePn	22	13.00	-0.8	
			e	32	06.20		AVF	91.74	333	eP	32	02.90	0.3	EYL	3.45	45	ePn	22	15.00	0.1
ALO	86.50	50	eP	31	38.68	0.3		1.0s		53.20nm		5.9mb	VLI	3.50	246	ePn	22	14.00	-1.6	
	1.5s		4.56nm			4.5mb X	BHB	91.77	330	P	32	00.82	-2.0	KDZ	3.65	342	iP	22	18.00	0.3
EKA	86.54	341	P	31	39.00	1.1	BNI	91.85	330	P	32	03.60	0.3	DMK	3.68	10	iPn	22	17.00	-0.6
	1.2s		59.20nm			5.7mb	FIN	91.87	329	P	32	02.05	-1.2	AGG	3.70	284	ePnc	22	18.28	-0.2
MBH	86.62	304	eP	31	39.40	0.6	GRR	91.90	336	eP	32	03.60	0.3				eSn	23	00.56	
BNS	86.88	333	ePd	31	38.80	-0.8		0.6s		27.35nm		5.9mb	SOH	3.82	315	ePn	22	20.56	0.4	
VAY	86.93	319	iP	31	40.00	0.0	RRL	91.91	330	P	32	03.75	0.1	RZN	3.89	335	iPc	22	21.00	-0.2
PTJ	87.06	326	e(P)	31	40.80	0.1	ROB	91.95	329	P	32	02.83	-0.8	SRS	3.90	320	ePnc	22	21.24	0.0
SKO	87.09	320	iP	31	41.50	0.7	EEO	92.03	327	eP	32	07.50	3.6X				eSn	23	05.08	
	Z 17s		1.37um			5.4MszX	PZZ	92.11	329	P	32	02.79	-1.7	LIT	3.95	300	ePnc	22	21.93	0.0
			LR	15	43.00		BGF	92.13	333	eP	32	04.60	0.2				eSn	23	06.52	
BHG	87.10	328	eP	31	42.00	1.3		0.8s		11.30nm		5.3mb	DIM	4.00	345	iP	22	23.00	0.4	
	2.0s		191.00nm			6.0mb	ENR	92.20	329	P	32	03.24	-1.6	MMB	4.20	325	iPc	22	25.00	-0.5
FUR	87.																			

KKB 4.71 322 iP 22 32.00 -0.8
 PGB 4.84 335 iPc 22 34.00 -0.6
 PVL 5.17 347 iP 22 39.00 -0.1
 VTS 5.24 328 iPc 22 41.00 0.7
 SKO 5.66 314 iPn 22 46.40 0.2
 MLR 7.33 355 ePc 23 10.50 0.7
 VRI 7.68 359 eP 23 17.00 2.5
 GEC2 14.31 322 eP 24 53.20 8.5X
 0.8s 1.14nm 3.6mb
 NB2 24.90 342 P 26 42.10 -2.0
 0.7s 1.50nm 3.8mb
 BCAO 34.46 195 iPc 28 10.30 0.4
 1.1s 11.00nm 4.7mb
 S.D. = 0.9 on 42 of 43 obs.

NOV 08, 1992 18h 22m 52.74 ± 0.63s
 23.431 S ± 4.4km 68.049 W ± 6.8km
 DEPTH = 103.1 ± 6.6 km
 4.9mb (13 obs.)

NORTHERN CHILE (123)

ANT 2.19 262 iPc 23 29.90 1.5
 iS 23 55.00
 SLA 2.67 119 ePc 23 42.70 7.7X
 LPB 6.86 360 iPc 24 32.10 -0.7
 i 25 25.80
 ZOBO 7.11 359 P 24 36.80 0.4
 TLL 7.15 200 eP 24 34.50 -2.0
 RTLL 7.88 183 ePd 24 46.30 0.0
 CFA 8.15 181 ePd 24 50.00 0.0
 RTBS 8.29 188 ePc 24 52.10 0.2
 RTCV 8.41 183 iPd 24 53.60 0.0
 TCA 8.45 159 iPc 24 55.00 0.8
 MRA 9.18 167 eP 25 04.60 0.6
 MDZ 9.44 184 eP 25 18.10 10.5X
 SIV 9.89 43 P 25 16.20 2.5X
 PEL 9.95 193 eP 25 09.00 -5.4X
 RFA 11.31 182 ePc 25 30.50 -2.0
 VAO 19.38 93 eP 27 13.10 -0.1
 BMA 22.00 93 eP 27 40.60 1.0
 UYO 62.54 335 iPd 33 06.40 -1.3
 FVM 64.61 341 eP 33 19.27 -1.9
 0.7s 44.43nm 5.5mb
 NVL 64.75 159 iPd 33 22.20 0.4
 1.0s 18.00nm 5.0mb
 SPA 66.71 180 iPd 33 36.00 1.4
 0.6s 8.94nm 4.9mb
 LIC 68.18 73 P 33 44.00 -0.4
 TIC 68.38 72 P 33 46.00 0.3
 KIC 68.50 73 P 33 46.00 -0.3
 0.6s 16.50nm 5.1mb
 e 38 04.00
 ALO 68.54 327 eP 33 46.40 0.0
 0.8s 15.76nm 4.9mb
 TUC 68.84 322 eP 33 47.80 -0.4
 1.3s 13.03nm 4.6mb
 JFWS 69.11 343 eP 33 48.20 -1.3
 0.6s 15.37nm 5.0mb
 EEO 70.45 352 eP 34 00.00 2.4X
 PEC 73.70 319 ePd 34 17.60 0.5
 0.7s 2.03nm 4.1mb
 MSU 74.21 325 eP 34 19.91 -0.4
 ARUT 74.35 324 ePc 34 22.07 1.1
 EMUT 74.50 327 ePc 34 22.31 0.4
 RSSD 74.87 334 eP 34 23.97 0.0
 1.1s 14.33nm 4.7mb
 DAU 75.17 327 ePc 34 26.48 0.6
 ISA 75.70 320 eP 34 29.42 0.8
 1.1s 34.18nm 5.1mb
 DUG 75.80 326 iPd 34 29.59 0.4
 1.1s 7.74nm 4.4mb
 HVU 76.96 327 eP 34 35.95 0.3
 MMPM 77.35 321 eP 34 38.50 0.4
 ULM 77.39 342 ePd 34 40.40 2.8X
 DPW 84.04 329 iPd 35 13.31 0.5
 FCC 84.68 347 eP 35 18.50 2.8X
 BCAO 88.61 85 iPd 35 35.00 -0.9
 1.0s 5.00nm 4.6mb
 id 35 39.50
 id 38 28.00
 YKA 93.26 340 eP 35 55.80 -0.5
 0.6s 4.20nm 5.0mb
 ASPA 128.56 206 iPKPc 41 49.50 -0.3
 0.7s 12.70nm
 WB2 131.67 209 ePKP 41 54.60 -1.2
 0.7s 6.80nm
 WRA 131.67 209 PKP 41 56.50 0.7

0.9s 2.40nm
 KOD 144.59 106 ePKP 42 09.00 -10.9X
 GBA 145.92 100 PKP 42 23.00 1.3
 HYB 148.18 95 ePKP 42 29.00 3.7X
 e 42 40.00
 S.D. = 0.9 on 40 of 49 obs.

NOV 08, 1992 19h 12m 28.84 ± 0.52s
 62.131 N ± 5.2km 2.613 E ± 4.6km
 DEPTH = 33.0km (normol)
 4.6mb (1 obs.)
 NORWEGIAN SEA (642)
 ML 4.7 (BGS). Felt (II) in More
 og Romsdahl County, Norway.

FOO 1.27 114 iPd 12 51.29 1.0
 eS 13 04.08
 SUE 1.49 135 iPd 12 53.77 0.3
 OSG 1.65 175 iPc 12 57.66 1.9
 eS 13 14.45
 HYA 1.96 118 eP 13 00.33 0.0
 ASK 2.07 142 iP 13 01.96 0.0
 BER 2.19 142 iPc 13 03.75 0.1
 EGD 2.25 145 iPc 13 04.33 -0.2
 MOL 2.34 77 eP 13 08.88 3.1X
 LRW 2.72 224 ePn 13 14.30 3.2X
 eSn 13 43.00
 ODD1 2.96 137 iPd 13 14.64 0.0
 eS 13 44.35
 KMY 3.20 155 iPc 13 17.15 -0.8
 eS 13 48.30
 KONO 4.22 123 eP 13 35.00 2.5
 eS 14 14.10
 NRA0 4.51 104 Pn 13 36.38 -0.2
 Sn 14 24.75
 Lg 14 47.75
 MFI 5.16 211 ePn 13 46.30 0.5
 MCD 5.43 215 ePn 13 50.30 0.7
 eSn 14 45.80
 HFS 5.73 106 eP 13 53.10 -0.7
 0.2s 6.00nm 4.9mb X
 EDR 5.85 209 ePn 13 55.10 -0.4
 eSn 14 54.40
 MDO 5.87 220 ePn 13 56.50 0.7
 EDU 6.30 210 ePn 14 01.90 0.2
 eSn 15 05.10
 ELO 6.53 212 ePn 14 04.80 -0.3
 MUD 6.60 147 iPc 14 04.00 -2.0
 iS 15 13.50
 EDI 6.91 208 ePn 14 09.60 -0.7
 eSn 15 20.90
 EAB 6.95 214 ePn 14 10.80 -0.1
 EBL 7.01 207 ePn 14 11.90 0.1
 EAU 7.04 209 ePn 14 12.60 0.4
 XSO 7.12 203 ePn 14 12.50 -0.8
 eSn 15 23.20
 ESK 7.47 206 ePn 14 17.10 -1.1
 eSn 15 33.10
 LOF 7.57 33 eP 14 19.54 0.0
 eS 15 36.81
 UPP 7.64 101 iPn 14 20.50 -0.1
 iSn 15 38.50
 iSg 16 22.00
 NUR 10.70 89 iP 15 00.20 -2.5X
 0.3s 3.20nm 5.0mb X
 KTK1 10.92 42 iPc 15 06.11 0.4
 eS 17 01.25
 KAF 11.08 80 iP 15 06.60 -1.2
 0.4s 2.90nm 4.8mb X
 SDF 11.39 52 eP 15 11.00 -1.1
 i 17 10.50
 SNF 11.69 175 iPc 15 12.98 -3.1X
 iS 17 14.60
 ARA0 11.88 42 P 15 19.48 0.7
 S 17 25.68
 DOU 12.12 174 P 15 26.20 4.3X
 i 15 34.80
 S 17 21.90
 FLN 13.51 189 Pn 15 35.90 -4.5X
 Sn 17 51.40
 LDF 13.66 188 Pn 15 38.00 -4.3X
 Sn 17 55.60
 GRR 13.91 190 Pn 15 41.50 -4.1X
 Sn 18 02.50
 LPF 14.28 190 Pn 15 47.00 -3.5X
 Sn 18 11.90
 LOR 14.91 177 Pn 15 54.50 -4.2X

SSF 15.11 178 Pn 15 57.40 -3.9X
 Sn 18 30.40
 LBF 15.20 176 Pn 15 58.30 -4.2X
 Sn 18 33.00
 AVF 15.38 178 Pn 16 00.70 -4.1X
 SMF 15.53 177 Pn 16 03.10 -3.7X
 Sn 18 40.80
 BGF 15.61 179 Pn 16 04.20 -3.5X
 Sn 18 42.30
 MFF 15.64 187 Pn 16 03.50 -4.7X
 Sn 18 42.30
 TCF 15.88 181 Pn 16 06.70 -4.5X
 Sn 18 48.40
 LSF 15.93 183 Pn 16 08.60 -3.2X
 Sn 18 49.00
 MAF 15.94 180 Pn 16 07.90 -4.1X
 Sn 18 50.10
 RJF 16.87 183 Pn 16 20.50 -3.3X
 Sn 19 12.40
 CAF 17.24 181 Pn 16 25.60 -2.8X
 Sn 19 21.00
 LFF 17.26 184 Pn 16 25.60 -3.0X
 LPO 17.50 183 Pn 16 30.10 -1.5
 Sn 19 26.80
 BCAO 58.78 161 iPc 22 27.70 1.8
 1.0s 5.00nm 4.6mb
 S.D. = 1.0 on 33 of 55 obs.

NOV 08, 1992 19h 28m 12.00 ± 0.35s
 38.149 N ± 3.8km 26.914 E ± 3.0km
 DEPTH = 11.0 ± 2.2 km
 3.6mb (8 obs.)
 AEGEAN SEA (365)
 ML 4.0 (ATH), 3.9 (THE), MD 4.0
 (ISK).

IZM 0.37 48 iPg 28 20.20 0.5
 PRK 1.21 336 ePn 28 35.00 0.7
 EZN 1.74 345 iPn 28 42.20 0.0
 DST 1.98 42 iPn 28 45.60 -0.2
 KHL 2.06 84 iPn 28 47.40 0.3
 EDC 2.31 18 iPn 28 51.00 0.4
 BNT 2.34 19 iPn 28 50.00 -0.9
 KCT 2.38 28 ePn 28 51.20 -0.3
 ATH 2.53 267 ePn 28 53.50 -0.1
 ELL 2.76 119 ePn 28 59.50 2.4
 ALN 2.83 347 ePnd 28 58.14 0.3
 eSn 29 32.22
 BCK 2.99 102 iPn 29 00.60 0.3
 NPS 3.07 200 ePn 29 09.50 -1.7
 PAIG 3.08 306 ePn 29 01.38 -0.1
 ISK 3.35 29 ePn 29 04.30 -1.0
 ITU 3.37 28 ePn 29 16.00 10.5X
 iSg 30 03.00
 HRT 3.41 38 ePn 29 06.20 -0.1
 VLI 3.47 247 ePn 29 07.50 0.5
 EYL 3.48 45 ePn 29 07.00 -0.3
 AGG 3.70 285 ePn 29 10.10 -0.2
 eSn 29 53.30
 DMK 3.72 10 iPn 29 09.60 -1.0
 SOH 3.84 315 ePn 29 12.58 0.3
 eSn 29 57.54
 SRS 3.92 320 ePn 29 13.22 -0.2
 eSn 30 00.18
 LIT 3.95 301 ePnd 29 13.58 -0.3
 eSn 29 59.46
 KNT 4.32 315 ePnd 29 19.46 0.4
 eSn 30 08.42
 GRG 4.47 310 ePn 29 21.70 0.4
 KZN 4.54 300 ePn 29 23.00 0.8
 VAY 4.61 315 iPn 29 24.00 0.8
 PPCY 5.45 125 eP 29 34.00 -1.1
 eS 30 36.30
 SKO 5.68 314 iPn 29 39.00 0.7
 CSS 6.06 120 eP 29 43.00 -0.7
 eS 30 55.50
 MLR 7.37 355 eP 30 08.00 5.8X
 VRI 7.72 359 eP 30 07.00 0.1
 GEC2 14.34 322 ePn 31 38.20 1.3
 KHC 14.59 323 eP 31 48.00 7.8X
 1.0s 3.50nm 3.9mb
 e 32 31.50
 GRF 16.12 321 eP 32 03.80 3.9X
 1.6s 26.00nm 4.1mb
 LPG 16.70 302 eP 32 10.70 3.0X
 0.7s 4.20nm 3.7mb

08d 19h

LPL 16.72 303 eP 32 11.90 4.0X
 1.0s 4.40nm 3.5mb
 SMF 18.99 304 eP 32 35.10 -0.7
 0.9s 3.30nm 3.6mb
 LBF 19.01 305 eP 32 35.40 -0.7
 0.9s 3.30nm 3.6mb
 SSF 19.34 305 eP 32 38.90 -1.2
 0.6s 2.00nm 3.6mb
 AVF 19.35 304 eP 32 38.50 -1.7
 0.9s 2.80nm 3.5mb
 BCAO 34.42 195 iPd 35 03.20 1.7
 1.0s 10.00nm 4.7mb X
 S.D. = 0.9 on 37 of 43 obs.

NOV 08, 1992 19h 28m 50.03± 0.59s
 8.861 S ± 3.7km 119.282 E ± 4.9km
 DEPTH = 114.7 ± 5.4 km
 5.4mb (55 obs.)

FLORES REGION, INDONESIA (286)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 22S, 32C
 Centroid Location:
 Origin Time 19:28:52.2 1.0
 Lat 8.78S 0.08 Lon 119.59E 0.10
 Dep 120.6 4.0 Half-duration 1.0
 Moment Tensor: Scale 10**16 Nm
 Mrr= 0.68 0.55 Mtt=-2.30 0.63
 Mff= 1.62 1.04 Mrt= 7.64 0.41
 Mrf= 1.62 0.53 Mtf= 4.83 0.66
 Principal Axes:
 T Val= 9.48 Plg=38 Azm=320
 N -0.14 34 82
 P -9.34 34 199
 Best Double Couple: Mo=9.4*10**16
 NP1: Strike=347 Dip=34 Slip= 175
 NP2: 80 87 56

WSI 1.29 129 iPc 29 14.40 -0.6
 eS 29 52.40
 MKS 3.62 3 iPd 29 46.40 1.1
 KHKI 3.67 277 iPd 29 47.00 1.1
 e 41 18.10
 KUG 4.45 107 iPc 29 57.60 1.0
 KUPT 4.45 107 iPc 29 57.60 1.0
 TRT 6.68 279 iPc 30 10.60 -16.5X
 iS 31 05.80
 PCI 7.92 4 ePc 30 49.50 5.5X
 e 35 37.00
 AAI 10.24 60 eP 31 19.00 3.7X
 KNA 11.52 127 eP 31 27.80 -4.4X
 0.2s 113.00nm 6.2mb
 eS 33 25.00
 MNI 11.64 29 eP 31 37.20 3.4X
 MBL 12.24 178 iPc 31 37.00 -4.6X
 eS 33 42.00
 MTN 12.29 110 eP 31 38.10 -4.2X
 eS 33 44.00
 TNE 12.51 40 eP 31 47.00 1.8
 TSM 13.14 354 ePc 31 59.50 6.0X
 1.0s 972.60nm 6.3mb
 NANU 14.09 194 eP 32 03.00 -2.7
 KKM 15.12 348 ePc 32 21.50 2.6
 0.7s 184.60nm 5.5mb
 e 32 30.00
 DAV 17.04 22 eP 32 44.00 1.3
 MEEK 17.69 182 iPd 32 50.30 -0.4
 eS 35 48.00
 CGP 18.03 18 ePc 32 54.50 -0.3
 WRA 18.26 129 P 32 55.29 -2.2
 0.8s 32.80nm 4.7mb
 WB2 18.27 129 iPc 32 55.20 -2.4
 0.8s 161.50nm 5.4mb
 eS 36 02.00
 BIP 18.34 22 eP 32 51.00 -7.4X
 WARB 18.59 159 iPd 33 00.90 -0.3
 KGM 19.23 303 eP 33 06.00 -2.0
 MAP 19.62 14 eP 33 12.00 0.0
 ASPA 20.31 138 iPd 33 18.50 -0.6
 0.5s 865.60nm 6.4mb
 Z 22s 0.90um 4.1msz
 iS 36 57.60
 PPI 20.58 293 eP 33 20.00 -1.8
 PLP 20.69 16 ePd 33 22.80 -0.1
 KLM 21.22 303 eP 33 34.00 5.7X
 IPM 22.57 306 ePd 33 42.00 0.4
 0.6s 23.30nm 4.7mb

QIS 22.81 123 iPd 33 43.70 -0.1
 0.3s 29.00nm 5.1mb
 eS 37 49.70
 FORT 23.30 161 eP 33 48.00 -0.4
 0.5s 86.00nm 5.4mb
 SNG 24.49 310 eP 34 02.50 2.4
 RKG 25.67 184 eP 34 12.00 1.1
 e 34 41.00
 eS 39 01.00
 CVP 26.51 5 eP 34 17.00 -1.7
 PIP 27.04 3 ePd 34 23.50 0.0
 NNT 28.83 317 eP 34 40.00 0.3
 e 41 18.20
 DLP 29.49 130 iPd 34 45.40 -0.1
 0.2s 26.00nm 5.6mb
 eS 40 35.00
 STK 30.88 141 iPd 34 57.50 -0.2
 0.5s 55.30nm 5.5mb
 iS 41 01.70
 NST 30.89 322 iPd 35 02.80 5.0X
 LOE 31.34 326 eP 35 02.70 0.9
 ADE 31.49 148 eP 35 03.50 0.4
 BDT 32.78 322 eP 35 14.00 -0.4
 0.6s 85.70nm 5.7mb
 RMQ 32.97 126 iPd 35 16.10 0.1
 iPd 35 38.00 95kmX
 eS 41 35.00
 CMS 33.41 136 eP 35 20.00 0.3
 0.3s 19.00nm 5.4mb
 e 42 10.00
 CHG 34.04 324 eP 35 26.80 1.5
 0.9s 37.82nm 5.2mb
 e 41 35.30
 BRS 36.60 125 iPc 35 47.00 0.1
 0.5s 62.00nm 5.7mb
 iPd 35 54.00 24kmX
 i 36 07.00
 i 36 11.00
 i (ScS) 47 55.00
 ARMA 37.03 130 iPd 35 52.30 1.7
 0.8s 63.00nm 5.5mb
 TOO 37.12 144 iPd 35 52.80 1.7
 1.0s 162.00nm 5.9mb
 GYA 37.19 341 iPc 35 52.40 0.5
 1.0s 52.00nm 5.4mb
 PcP 38 10.00
 KMI 37.43 335 Pc 41 47.60
 1.0s 50.00nm 5.3mb
 pP 36 20.50 110kmX
 CAN 37.82 139 iPd 35 58.00 0.9
 ePP 37 36.50
 iPcP 38 11.50
 eScP 41 49.80
 CNB 38.06 138 eP 36 00.10 1.0
 0.8s 54.00nm 5.5mb
 RIV 38.43 135 eP 35 59.60 -2.5
 WHN 39.46 353 Pc 36 11.50 0.8
 1.0s 350.00nm 6.1mb
 SSE 39.77 3 Pd 36 15.00 1.9
 1.0s 70.00nm 5.4mb
 pP 36 38.50 101kmX
 HNR 40.14 94 eP 36 15.00 -1.5
 NJ2 40.68 359 Pd 36 21.80 1.2
 1.0s 83.00nm 5.5mb
 pP 36 46.40 106kmX
 CD2 42.25 340 iPc 36 33.40 -0.3
 0.6s 150.00nm 5.9mb
 XAN 43.78 348 iPc 36 45.20 -0.8
 1.0s 100.00nm 5.5mb
 TIA 44.88 358 Pd 36 53.70 -0.9
 TIY 46.77 353 iPd 37 08.80 -0.9
 1.0s 63.00nm 5.3mb
 LSA 46.94 326 iPc 37 11.80 0.2
 1.2s 35.00nm 5.0mb
 pP 37 38.00 112kmX
 iS 43 53.50
 LZH 47.01 343 iPc 37 12.00 0.2
 1.8s 190.00nm 5.6mb
 Z 20s 0.35um 4.3msz
 pP 37 36.50 104kmX
 sP 37 48.00
 PP 39 03.00
 ScP 42 25.50
 S 43 54.00
 sS 44 35.00
 ScS 46 53.00

DZM 47.12 112 iPc 37 12.80 0.0
 GBA 47.15 298 P 37 11.00 -2.0
 HY8 47.97 303 eP 37 19.00 -0.4
 MAT 48.54 20 eP 37 19.00 -4.4X
 0.6s 8.67nm 4.8mb
 BJI 48.74 357 eP 37 24.00 -0.8
 1.5s 200.00nm 5.7mb
 ScP 42 32.00
 BTO 49.95 351 P 37 33.00 -1.2
 HHC 49.97 352 Pc 37 33.40 -1.0
 1.0s 71.00nm 5.6mb
 SNY 50.59 4 eP 37 37.40 -1.5
 YAMJ 50.64 21 eP 37 38.10 -1.3
 GTA 51.31 341 iPc 37 45.00 0.3
 1.0s 110.00nm 5.8mb
 pP 38 09.80 103kmX
 ScP 42 43.50
 eS 44 53.20
 ScS 47 23.00
 P00 52.44 301 eP 37 54.00 0.7
 CN2 52.71 6 eP 37 53.30 -1.5
 1.0s 7.40nm 4.6mb
 MDJ 54.04 9 eP 38 02.70 -1.9
 1.3s 51.00nm 5.3mb
 NDI 55.14 314 iPc 38 09.70 -3.2X
 ORZ 56.74 133 P 38 24.90 0.6
 e 38 49.80
 THZ 57.31 134 P 38 28.60 0.3
 e 38 52.80
 CSY 57.66 184 eP 38 34.90 4.7X
 0.7s 28.20nm 5.4mb
 i 39 27.50
 e 42 29.40
 DIW 57.74 133 P 38 31.30 0.0
 e 38 56.00
 KHZ 57.97 135 eP 38 32.10 -0.7
 e 38 56.40
 TCW 58.12 133 P 38 33.10 -0.8
 e 38 56.10
 MRW 58.43 133 P 38 35.00 -1.1
 KIW 58.48 133 P 38 35.60 -0.8
 CAW 58.66 133 P 38 36.70 -1.0
 BLW 59.03 133 P 38 39.50 -0.7
 PGZ 59.40 132 eP 38 42.30 -0.4
 WMO 59.75 334 P 38 44.50 -0.6
 1.5s 64.00nm 5.5mb
 S 46 45.00
 ZAK 60.62 348 iPc 38 49.50 -1.3
 1.5s 72.00nm 5.5mb
 CIT 60.81 356 eP 38 57.00 4.8X
 IRK 62.23 350 eP 39 00.00 -1.6
 2.0s 75.00nm 5.3mb
 KSH 62.62 323 P 39 03.00 -1.5
 0.8s 70.00nm 5.7mb
 pP 39 34.00 128kmX
 PRZ 63.27 327 eP 39 09.00 0.1
 1.0s 80.00nm 5.6mb
 e 48 50.00
 FRU 65.58 325 iP 39 23.00 -0.6
 2.0s 80.00nm 5.3mb
 e 39 49.50
 e 39 58.50
 e 49 06.00
 BOD 66.61 357 iPc 39 29.60 -0.2
 1.0s 92.00nm 5.6mb
 ELT 67.94 339 eP 39 37.00 -1.2
 1.0s 148.00nm 5.8mb
 eS 48 23.00
 e 49 22.00
 MAW 69.46 200 iPd 39 49.40 2.0
 1.0s 53.00nm 5.3mb
 ePcP 40 17.00
 YAK 71.13 5 iPc 39 55.90 -1.6
 0.9s 150.00nm 5.8mb
 MAIO 71.85 313 eP 40 02.00 -0.5
 eS 49 16.00
 MGD 73.16 16 ePd 40 09.00 -0.6
 0.7s 50.00nm 5.4mb
 e 40 20.00
 ASH 73.39 314 eP 40 10.00 -1.4
 BRVK 74.38 332 iPc 40 16.00 -0.8
 1.1s 49.00nm 5.2mb
 eS 49 38.00
 KER 80.54 307 ePd 40 50.50 -0.9
 TIK 80.57 3 iPc 40 51.00 0.5
 1.0s 50.00nm 5.3mb
 eS 50 40.00

WMO	14.31	64	P	eS	56	10.00			1.4s	108.00nm	5.3mb	GEC2	40.91	303	eP	57	50.10	-0.4	
Z	13s			1.84um	53	32.40	-1.4		e	56	13.00	73km	1.6s	35.66nm	e			4.9mb	
UKR	16.07	36	iPd		53	54.50	-1.6		(S)	00	41.00			e		57	57.20	24kmX	
	1.7s	140.00nm		4.8mb				BHL	27.88	271	P			e		59	24.00		
GKN	16.34	127	P		53	51.20	-8.7X		S	01	04.00	8.2X		e		59	27.90		
SHE	16.44	283	iPd		54	02.50	1.6	CD2	28.78	95	iPd		KHC	40.95	304	iPd	57	52.00	1.2
	1.2s	55.00nm		4.6mb				KOD	29.23	165	eP			1.4s	38.20nm			5.0mb	
KKN	16.89	126	P		53	57.80	-9.1X	BTO	30.77	74	eP				e	58	00.00	27kmX	
DMN	16.91	127	P		53	58.50	-8.6X						CLL	41.08	307	iPd	57	52.00	0.3
PKI	17.13	126	P		54	01.20	-8.7X	N	16s	1.74um				1.5s	51.00nm			5.1mb	
GUN	17.19	124	P		54	01.40	-9.3X	E	13s	0.64um			VOY	41.22	299	iP	57	53.20	0.1
ELT	18.35	33	eP		54	21.00	-3.4X			ePP	57	22.00	TRI	41.37	298	eP	57	53.90	-0.2
	2.2s	188.00nm		4.9mb				KIS	30.85	299	iPc			41.40	304	eP	57	55.60	1.2
NVS	18.44	25	iPd		54	23.90	-1.5		1.4s	300.00nm	5.8mb			1.4s	44.00nm			5.1mb	
	2.2s	250.00nm		5.0mb				XAN	31.62	86	eP		KBA	41.41	300	iPd	57	55.10	0.4
TAB	18.45	275	eP		54	24.00	-2.0		Z	20s	1.52um	4.7Msz		1.3s	53.20nm			5.2mb	
GRO	18.77	292	iPc		54	28.00	-1.6	HHC	31.88	73	P		BHG	41.61	302	iPd	57	56.90	0.7
	1.5s	1100.00nm		5.9mb				Z	16s	1.19um	4.7MszX		MOX	42.02	306	iPd	58	00.40	0.9
KER	18.79	263	eP		54	27.00	-3.1X	E	16s	1.34um				1.7s	51.00nm			5.0mb	
SVE	19.05	344	ePd		54	31.00	-1.7	CHG	32.11	120	eP			Z	20s	0.80um		4.6Msz	
	2.1s	180.00nm		4.9mb				NRI	32.21	12	iPd			E	21s	0.60um			
Z	12s	5.50um		4.4MszX					1.7s	136.00nm	5.5mb		NB2	42.03	322	P	57	59.00	-0.5
N	12s	4.00um						MNK	32.34	312	eP			0.7s	14.10nm			4.9mb	
E	12s	2.00um						VR1	32.36	297	iPc		GRF	42.40	305	ePc	58	04.30	1.7
ARU	19.15	341	iPd		54	32.60	-1.2		32.92	52	eP			1.6s	145.00nm			5.5mb	
	1.0s	100.00nm		5.0mb				CIT	32.92	52	eP		Z	17s	0.80um			4.7MszX	
Z	11s	6.50um		5.1Msz				MLR	32.93	296	ePc		WTTA	42.52	301	iPc	58	03.20	-0.6
N	12s	4.50um						GYA	33.13	101	iPc			1.5s	74.60nm			5.3mb	
MTA	19.34	287	iP		54	33.20	-2.7		1.6s	88.00nm	5.4mb		FUR	42.60	302	eP	58	05.40	1.1
	0.8s	160.00nm		5.3mb				Z	16s										

08d 20h

AVF	48.15	302	iPd	58	48.10	-0.3	
	1.7s	97.80nm			5.5mb		
MAF	48.83	302	iPd	58	53.90	0.2	
	1.7s	96.30nm			5.5mb		
TCF	49.04	302	iPd	58	55.70	0.3	
	1.8s	129.45nm			5.7mb		
LSF	49.51	302	iPd	58	58.40	-0.5	
	1.4s	31.80nm			5.2mb		
CAF	49.55	300	iPd	58	59.70	0.4	
	1.5s	40.20nm			5.2mb		
RJF	49.80	301	iPd	59	01.60	0.5	
	1.8s	124.30nm			5.6mb		
LDF	49.91	305	iPd	59	01.50	-0.4	
	1.6s	79.00nm			5.5mb		
EKA	50.04	315	P	59	02.00	-0.8	
	1.8s	91.50nm			5.5mb		
FLN	50.09	306	iPd	59	02.70	-0.6	
	1.4s	53.60nm			5.4mb		
Z	17s	0.13um			4.0mszX		
LPO	50.22	300	iPd	59	04.40	0.1	
	1.8s	59.55nm			5.3mb		
GRR	50.43	305	iPd	59	05.60	-0.3	
	1.9s	95.60nm			5.5mb		
LFF	50.44	301	iPd	59	06.10	0.1	
	1.7s	75.00nm			5.4mb		
MFF	50.51	303	iPd	59	06.00	-0.5	
	1.8s	74.25nm			5.4mb		
EPF	51.35	298	iPd	59	12.00	-1.0	
	1.9s	48.30nm			5.2mb		
YSS	52.23	56	eP	59	19.00	-0.5	
DAG	52.32	343	iPc	59	20.00	0.2	
	0.8s	32.84nm			5.4mb		
MAT	52.98	70 (P)		59	23.00	-2.3	
	2.0s	105.88nm			5.5mb		
ECRI	53.46	299	eP	59	28.50	-0.2	
ECHE	53.54	295	eP	59	30.00	0.7	
EVIA	55.02	294	eP	59	41.00	0.7	
GUD	55.36	297	eP	59	42.00	-0.7	
EHUE	55.43	293	eP	59	43.50	0.3	
TOL	55.60	296	iPc	59	46.50	2.2	
ECOG	56.36	293	eP	59	48.50	-1.5	
EGUA	56.55	293	eP	59	50.00	-1.2	
ELUQ	56.74	294	eP	59	51.50	-1.1	
EPLA	56.94	297	eP	59	53.50	-0.4	
EHOR	57.32	295	eP	59	56.00	-0.6	
EJIF	58.09	293	eP	00	01.00	-1.0	
EVAL	58.49	295	eP	00	04.50	-0.3	
TNE	64.60	111	eP	00	47.10	1.0	
MBC	65.11	2	eP	00	49.50	1.0	
	1.0s	26.00nm			5.2mb		
KRI	66.93	222	iPc	01	01.50	0.5	
CIR	69.46	218	iPd	01	16.50	0.0	
BUL	70.21	221	eP	01	05.50	-15.8X	
IMA	70.22	17	eP	01	20.49	-0.4	
	1.8s	47.38nm			5.1mb		
FBA	72.53	16	eP	01	35.53	1.0	
	1.6s	41.33nm			5.1mb		
PMR	75.09	18 (P)		01	48.89	-0.5	
	1.0s	17.54nm			4.9mb		
TOA	75.34	17	e(P)	01	53.60	2.7X	
YKA	79.01	2	eP	02	12.60	1.6	
	1.7s	21.10nm			4.8mb		
WRA	83.95	121	P	02	37.20	-0.3	
	0.7s	4.20nm			4.6mb		
WB2	83.96	121	eP	02	36.90	-0.7	
	0.5s	14.00nm			5.2mb		
ASPA	86.29	124	eP	02	49.20	0.1	
	1.4s	22.90nm			5.1mb		
SIV	131.56	284	ePKP	09	25.00	4.6X	
ZOBO	137.03	289	ePKP	09	28.00	-3.6X	
LPB	137.16	289	PKP	09	34.00	2.4X	
PEL	147.76	268	ePKP	09	51.00	1.9	
	S.D. = 1.0	on 154	of 175 obs.				

NOV 08, 1992 20h 56m 58.59±0.71s
46.679 N ± 6.5km 1.864 E ± 5.1km
DEPTH = 18.1 ± 5.6 km
FRANCE (538)
ML 2.8 (LDG).

TCF	0.46	148	Pg	57	07.80	-0.1	
			Sg	57	13.90		
LSF	0.49	208	Pg	57	07.40	-1.0	
			Sg	57	13.00		
MAF	0.67	133	Pg	57	11.60	0.2	
			Sg	57	20.40		
BGF	0.69	100	Pg	57	12.40	0.6	

AVF	1.03	83	Pg	57	22.00	0.4	
			Sg	57	18.00		
AGO	1.08	125	Pg	57	18.40	0.0	
			Sg	57	33.00		
SSF	1.19	71	Pn	57	20.30	0.0	
			Pg	57	21.30		
			Sg	57	37.00		
PYM	1.22	139	Pg	57	21.32	0.5	
			Sg	57	36.53		
SMF	1.36	91	Pn	57	22.70	0.0	
			Pg	57	24.30		
			Sg	57	41.90		
MFF	1.39	268	Pg	57	22.60	-0.4	
			Sg	57	40.00		
RJF	1.40	190	Pg	57	23.70	0.5	
			Sg	57	40.50		
PLDF	1.41	120	Pn	57	22.75	-0.7	
			Sg	57	43.69		
LBF	1.48	77	Pn	57	24.30	-0.2	
			Pg	57	26.30		
			Sg	57	46.30		
LOR	1.49	66	Pn	57	24.40	-0.1	
			Pg	57	26.40		
			Sg	57	46.00		
LBL	1.74	146	Pn	57	27.16	-1.0	
CAF	1.76	175	Pn	57	27.70	-0.8	
			Pg	57	30.40		
			Sg	57	52.60		
LFF	1.91	205	Pg	57	32.80	2.2	
			Sg	57	56.50		
LPO	2.05	194	Pg	57	36.20	3.5X	
			Sg	58	01.40		
	S.D. = 0.8	on 17	of 18 obs.				

* NOV 08, 1992 21h 11m 01.74±2.12s
38.011 N ± 12.7km 27.058 E ± 17.9km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.2 (ISK).

IZM	0.42	23	iPg	11	09.70	-0.6	
			eSg	11	14.70		
CIN	0.91	116	ePg	11	19.00	-0.2	
			iSg	11	32.00		
EZN	1.90	343	ePn	11	34.30	-0.2	
KHL	1.97	80	ePn	11	39.00	3.4X	
DST	2.01	37	ePn	11	36.50	0.4	
KCT	2.45	24	ePn	11	43.00	0.6	
	S.D. = 0.7	on 5	of 6 obs.				

NOV 08, 1992 21h 51m 31.77±0.95s
30.459 N ± 6.1km 129.242 E ± 6.4km
DEPTH = 271.7 ± 9.1 km
4.2mb (27 obs.)

KYUSHU, JAPAN (235)

MAT	9.63	49	eP	53	45.00	-1.4	
	1.0s	12.00nm			3.9mb		
			eS	55	52.00		
CN2	13.65	348	eP	54	37.30	1.2	
	1.0s	6.10nm			3.9mb		
BJI	14.32	315	eP	54	44.50	0.4	
PIP	14.40	215	iPd	54	45.50	0.3	
TIY	15.68	302	Pc	55	01.20	0.6	
	20s	0.50um					
XAN	17.55	287	eP	55	19.30	-1.2	
GYA	20.24	264	P	55	49.00	1.2	
CHG	29.79	254	eP	57	16.00	0.3	
QIS	51.69	168	iPd	00	12.50	-0.9	
	0.3s	2.00nm			4.0mb		
ASPA	54.00	175	eP	00	29.60	-0.7	
	0.5s	5.50nm			4.3mb		
IMA	57.37	28	eP	00	53.24	-0.6	
	0.8s	4.09nm			4.0mb		
FBA	59.91	29	eP	01	11.69	0.5	
	1.0s	6.50nm			4.2mb		
STK	63.10	168	P	01	33.29	0.7	
DZM	63.29	141	iPd	01	34.10	0.0	
KAF	69.25	331	iP	02	09.50	-1.5	
	0.5s	2.40nm			4.2mb		
NUR	70.69	330	eP	02	18.80	-0.8	
	0.6s	7.90nm			4.6mb		
YKA	74.34	26	eP	02	40.00	-0.9	
	0.8s	4.20nm			4.2mb		
HFS	75.51	332	eP	02	45.80	-1.7	
	0.4s	2.10nm			4.2mb		

NB2	75.93	334	P	02	48.10	-1.8	
	0.7s	4.00nm				4.3mb	
KSP	79.83	324	iP	03	12.20	1.0	
CLL	81.20	325	iPd	03	18.60	0.3	
	0.9s	10.00nm				4.6mb	
NEW	81.73	38	ePc	03	22.00	0.8	
	0.5s	8.06nm				4.8mb	
KHC	82.26	323	eP	03	25.50	1.5	
GEC2	82.37	323	ePc	03	25.00	0.4	
	1.0s	2.54nm				4.0mb	
GRF	83.10	325	iPd	03	29.55	1.4	
	1.5s	40.00nm				5.0mb	
ORV	84.28	47	eP	03	35.50	1.2	
LRM	85.74	38	eP	03	42.90	1.1	
CDF	85.90	325	eP	03	42.20	0.0	
	0.7s	2.55nm				4.2mb	
LPL	88.14	324	eP	03	52.70	-0.6	
	0.6s	1.10nm				3.9mb	
LPG	88.15	324	eP	03	53.00	-0.4	
	0.5s	0.85nm				3.9mb	
LBF	88.49	326	eP	03	53.80	-0.9	
	0.6s	1.25nm				4.0mb	
AVF	88.93	326	eP	03	56.00	-0.6	
	0.4s	0.70nm				3.9mb	
LDF	89.22	329	eP	03	57.50	-0.5	
	0.5s	1.45nm				4.2mb	
FLN	89.25	329	eP	03	57.40	-0.7	
	0.5s	3.05nm				4.5mb	
BW06	89.32	39	eP	03	59.59	0.7	
	0.9s	2.82nm				4.2mb	
TCF	89.84	326	eP	04	00.80	-0.1	
	0.7s	2.20nm				4.2mb	
DAU	89.94	42	eP	04	03.00	1.1	
LPF	90.05	329	eP	04	01.70	-0.1	
	0.8s	8.35nm				4.7mb	
ULM	90.26	27	eP	04	06.00	3.3X	
MFF	90.72	328	eP	04	04.90	0.0	
	0.6s	2.45nm				4.3mb	
SRU	91.23	42	eP	04	08.47	0.8	
		epP	05	17.12	285kmX		
RSSD	91.26	35	eP	04	08.44	0.7	
	0.6s	2.80nm				4.4mb	
KIC	122.72	302	PKP	09	57.00	-0.3	
TIC	122.73	302	PKP	09	57.00	-0.3	
ZOBO	158.75	52	ePKP	10	59.00	-0.1	
LPB	158.94	53	(PKP)	10	59.00	0.0	
S.D. = 0.9 on 45 of 46 obs.							

08d 22h

GEC2	1.97	302	Pg	40 47.40	0.3
			Sg	41 12.60	
ZAG	2.04	185	e(Pn)	40 46.30	-1.7
			eSg	41 17.00	
KBA	2.11	250	iPn	40 49.90	0.6
			iPg	40 52.50	
			iSn	41 14.30	
KHC	2.19	307	iSg	41 18.90	
			ePg	40 51.00	0.7
			Sg	41 18.60	
PRU	2.42	333	Pn	40 54.00	0.5
	0.4s	35.30nm			
			Pg	40 58.30	
			e	41 24.50	
			Sg	41 29.20	
PSZ	2.46	87	e(P)	40 53.70	-0.5
WET	2.59	301	iPnc	40 56.20	0.3
			iPg	41 01.90	
KSP	3.00	1	iPg	41 08.00	6.2X
			iSg	41 08.90	
WTTA	3.17	261	iPn	41 05.60	1.2
			iPg	41 12.00	
			e(Sn)	41 38.90	
			e(Sg)	41 51.80	
WATA	3.20	263	eP	41 05.90	1.2
BRG	3.38	335	iPg	41 16.00	8.8X
			iSg	41 59.00	
SQTA	3.46	261	iPnd	41 09.70	1.2
			iPg	41 15.90	
HOF	3.79	312	eP	41 26.40	13.4X
GRF	3.80	301	ePn	41 15.00	1.8
			ePg	41 26.00	
			eSg	42 12.40	
CLL	4.06	330	e(Pn)	41 17.00	0.3
			ePg	41 30.00	
			iSg	42 20.40	
MOX	4.13	315	ePn	41 20.30	2.5X
			ePg	41 32.20	
			eSn	42 04.30	
			iSg	42 23.80	
FEL	5.54	273	ePn	41 35.94	-2.0
BSF	6.36	273	Pn	41 47.00	-2.5
			Sn	42 55.70	
HAU	6.65	275	Pn	41 50.40	-3.1X
			Sn	43 01.10	
			Sg	43 43.70	
LPG	6.94	254	Pn	41 57.00	-0.7
LPL	6.94	254	Pn	41 57.10	-0.6
AVF	8.82	268	Pn	42 21.80	-1.9
S.D. = 1.4 on 24 of 29 obs.					

NOV 08, 1992 22h 41m 56.02± 0.72s
 47.857 N ± 6.8km 16.379 E ± 8.0km
 DEPTH = 12.9 ± 5.6 km
 AUSTRIA (546)
 MG 2.8 (VIE). Felt (IV) at
 Wiener Neustadt.

VKA	0.41	354	iPg	42 04.50	0.0
			iSg	42 11.50	
ZST	0.59	55	ePg	42 07.60	-0.1
			e(Sg)	42 14.10	
			i	42 16.00	
			Lg	42 17.50	
			e	06 47.60	
			Lg	06 52.80	
			e(Sg)	07 00.70	
			Lg	07 02.30	
VRAC	1.46	6	iPnc	42 22.20	0.2
	0.1s	40.40nm			
			iPg	42 24.70	
			iSn	42 41.70	
KMR	1.52	278	ePg	42 23.00	0.1
			eSg	42 43.00	
PTJ	1.98	189	ePn	42 30.10	0.5
			eSn	42 57.10	
GEC2	2.04	300	Pg	42 30.80	0.2
			Sg	42 56.00	
KBA	2.20	250	iPnc	42 32.50	-0.5
			iPg	42 35.40	
			iSn	42 57.50	
			iSg	43 01.70	
KHC	2.26	305	ePg	42 37.50	3.9X
			eSg	43 01.00	
PRU	2.45	331	ePg	42 41.00	4.7X
	0.4s	16.30nm			
			Sg	43 11.10	

WTTA	3.27	261	ePn	42 48.40	0.3
			ePg	42 54.40	
			e(Sn)	43 24.40	
			e(Sg)	43 34.60	
GRF	3.87	300	e(Pg)	43 05.00	8.5X
			eSg	43 56.00	
S.D. = 0.4 on 8 of 11 obs.					
* NOV 08, 1992 22h 50m 21.45± 3.00s 31.609 S ± 11.1km 72.069 W ± 23.5km DEPTH = 100.2 ± 35.0 km OFF COAST OF CENTRAL CHILE (134) MD 4.1 (SAN).					

IHA	1.46	166	eP	50 49.50	1.9
			eS	51 09.50	
ROCH	1.63	147	eP	50 48.59	-1.4
			iS	51 08.81	
JACH	1.65	131	eP	50 48.34	-1.7
			iS	51 07.17	
TLL	1.80	37	eP	50 51.60	-0.6
			iS	51 14.00	
LCCH	1.91	167	iP+	50 53.39	0.1
PEL	1.93	143	iPd	50 53.17	-0.5
			iS	51 15.28	
RTBS	2.23	92	iPd	50 58.50	0.9
TACH	2.25	155	iP+	50 58.10	0.2
			eS	51 22.57	
FCH	2.28	139	eP	50 58.20	-0.4
			iS	51 25.11	
PCH	2.40	147	eP	50 59.16	-0.8
			iS	51 28.27	
LVN	2.40	167	iPd	50 59.69	-0.2
CHCH	2.61	153	iPd	51 03.21	0.5
			eS	51 31.45	
MDZ	3.01	116	eP	51 14.10	5.9X
			e	51 21.50	
			e(S)	51 50.80	
RTCV	3.02	96	ePc	51 10.00	1.7
			(S)	51 47.50	
CFA	3.27	91	ePc	51 13.00	1.3
RFA	4.37	137	ePd	51 27.50	0.7
MRA	5.46	100	e(P)	51 41.10	-0.7
TCA	6.39	90	ePc	51 53.50	-1.3
S.D. = 1.2 on 17 of 18 obs.					

* NOV 08, 1992 23h 27m 25.11± 0.74s
 29.927 N ± 15.0km 67.617 E ± 9.7km
 DEPTH = 33.0km (normal)
 4.2mb (6 obs.)

PAKISTAN (710)					
NDI	8.47	96	eP	29 31.00	2.5
	0.6s	30.00nm			5.6mb X
			iS	31 06.00	
MAIO	9.31	315	eP	29 40.00	-0.2
			eS	31 33.00	
GKN	15.02	93	P	30 56.20	-0.7
DMN	15.51	94	P	31 03.60	0.3
KKK	15.62	93	P	31 03.80	-0.9
PKI	15.78	94	P	31 05.08	-1.8
HYB	15.97	139	eP	31 07.50	-1.5
GUN	16.12	93	P	31 10.40	-0.8
GBA	18.61	149	P	31 44.00	2.0
			S	35 48.00	
KOD	21.64	153	eP	32 19.00	4.0X
CHG	30.51	104	eP	33 39.90	2.3X
KAF	41.87	332	eP	35 14.80	1.4
	0.7s	6.30nm			4.5mb
GEC2	44.73	311	eP	35 37.80	0.7
	0.8s	0.65nm			3.5mb
			e	35 43.10	
			e	35 48.40	
			e	35 55.60	
HFS	46.72	326	eP	35 51.70	-0.7
	0.4s	1.00nm			4.1mb
BCAO	52.77	251	iPd	36 37.70	-1.8
	0.8s	4.00nm			4.4mb
WRA	81.12	119	P	39 41.50	2.6X
	0.8s	1.30nm			4.0mb
WB2	81.13	119	eP	39 40.30	1.4
	1.0s	2.50nm			4.2mb
S.D. = 1.5 on 14 of 17 obs.					

* NOV 08, 1992 23h 46m 25.63± 2.47s
 37.947 N ± 15.0km 26.989 E ± 19.7km
 DEPTH = 10.0km (geophysicist)

DODECANESE ISLANDS (369)					
MD 3.3 (ISK).					
IZM	0.50	26	iPg	46 34.20	-1.6
			eSg	46 39.70	
CIN	0.94	111	iPd	46 43.00	-0.5
EZN	1.95	345	ePn	46 58.30	-0.7
KHL	2.03	79	ePn	47 04.30	3.9X
DST	2.09	37	iPn	47 02.40	1.2
EDC	2.49	16	ePn	47 07.00	0.2
BNT	2.51	16	ePn	47 08.00	0.9
KCT	2.53	24	ePn	47 08.00	0.5
S.D. = 1.2 on 7 of 8 obs.					

* NOV 09, 1992 00h 46m 55.83± 2.00s
 37.988 N ± 13.4km 26.854 E ± 14.2km
 DEPTH = 5.0km (geophysicist)
 DODECANESE ISLANDS (369)
 MD 3.3 (ISK).

IZM	0.52	38	iPg	47 04.70	-1.6
			eSg	47 10.20	
CIN	1.05	111	iPg	47 15.00	-1.1
			iSg	47 29.00	
EZN	1.88	348	ePn	47 28.30	-0.6
DST	2.13	40	iPn	47 33.30	0.8
KHL	2.13	80	ePn	47 34.00	1.4
EDC	2.48	18	ePn	47 38.00	0.4
BNT	2.51	19	ePn	47 38.00	0.1
KCT	2.54	27	ePn	47 39.10	0.7
ALN	2.97	348	ePd	47 44.30	-0.2
S.D. = 1.1 on 9 of 9 obs.					
NOV 09, 1992 00h 51m 31.02± 0.93s 28.536 S ± 6.9km 71.225 W ± 9.8km DEPTH = 134.5 ± 25.0 km NEAR COAST OF CENTRAL CHILE (135) MD 4.5 (SAN).					
TLL	1.67	167	iPd	52 00.60	-1.4
			iS	52 15.00	
RTBS	3.47	154	iPd	52 26.80	2.2X
RTCB	3.62	145	ePc	52 41.30	14.7X
RTLL	3.67	140	iPd	52 27.30	0.0
			S	53 04.50	
ZON	3.72	144	eP	52 29.40	1.4
CFA	4.01	141	ePc	52 32.00	0.2
			S	53 12.00	
RTCV	4.05	146	ePd	52 33.20	0.8
JACH	4.17	173	iPd	52 34.70	0.7
			eS	53 15.69	
ROCH	4.43	178	iPd	52 37.45	-0.2
			eS	53 22.47	
RTPR	4.47	114	ePd	52 38.50	0.5
IHA	4.49	184	eP	52 40.80	2.6X
			e(S)	53 23.50	
PEL	4.62	174	iP+	52 40.51	0.5
			iS	53 25.87	
CYA	4.78	90	iPc	53 45.00	62.8X
MDZ	4.79	155	eP	52 44.70	2.3X
			e	53 10.90	
			e	53 51.10	
FCH	4.84	171	iP+	52 44.48	1.1
			iS	53 33.61	
ANT	4.87	9	eP	52 43.50	0.2
LCCH	4.93	183	iPd	52 43.88	-0.3
			eS	53 32.90	
PCH	5.11	173	iP+	52 47.39	0.8
TACH	5.11	177	iP+	52 46.70	0.1
CHCH	5.40	175	(P)	52 49.96	-0.6
LVN	5.41	182	iPd	52 49.65	-0.9
MRA	6.13	130	ePd	52 59.70	-0.8
			S	53 34.00	
TCA	6.40	117	iP	53 03.00	-1.2
			(S)	53 43.00	
RFA	6.65	160	ePd	53 06.70	-0.9
			(S)	54 12.00	
CNCB	12.05	15	eP	54 29.00	9.1X
			i	54 35.40	
LPB	12.29	14	eP	54 34.00	11.0X
ZOBO	12.52	14	P	54 38.00	11.8X
SIV	15.61	39	P	55 14.00	9.0X
WRA	125.84	210	PKP	10 32.50	13.5X
	0.5s	0.80nm			
GBA	147.33	110	PKP	11 14.00	15.8X

? NOV 09, 1992 01h 09m 29.87±3.16s
38.300 N ±23.8km 26.958 E ±16.2km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.2 (ISK).

I ZM 0.26 68 iPg 09 34.20 -1.2
eSg 09 39.20
EZM 1.60 342 ePn 09 57.30 -0.9
DST 1.84 44 ePn 10 02.00 0.2
KHL 2.02 89 ePn 10 04.90 0.5
EDC 2.16 19 ePn 10 07.00 0.6
BNT 2.18 20 ePn 10 07.00 0.2
KCT 2.23 29 ePn 10 08.00 0.6
S.D. = 0.9 on 7 of 7 obs.

NOV 09, 1992 01h 27m 13.84±0.33s
21.051 S ±11.9km 174.140 W ±6.1km
DEPTH = 33.0km (normal)
5.1mb (29 obs.) 4.8Msz (2 obs.)
TONGA ISLANDS (173)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 22S, 34C
Centroid Location:
Origin Time 01:27:15.5 0.9
Lat 21.14S 0.12 Lon 173.31W 0.09
Dep 15.0 FIX Half-duration 1.0
Moment Tensor: Scale 10¹⁶ Nm
Mrr=5.22 0.63 Mtt=-1.75 0.49
Mff=-3.47 0.62 Mrt=2.43 1.62
Mrf=-1.67 1.85 Mtf=-4.00 0.71
Principal Axes:
T Val=6.84 Plg=61 Azm=37
N -0.13 29 220
P -6.71 1 129
Best Double Couple: Mo=6.8×10¹⁶
NP1: Strike=193 Dip=51 Slip=51
NP2: 65 53 127

AFI 7.45 18 eP 28 50.00 -13.1X
eS 30 12.00
BKM 16.96 278 iPc 31 10.90 0.6
DZM 18.09 263 iPd 31 26.40 2.0
SNZO 22.30 203 P 32 04.00 -5.8X
PAE 23.41 86 eP 32 22.00 1.2
1.3s 70.00nm 5.0mb
PPT 23.43 86 eP 32 22.00 0.9
1.3s 85.00nm 5.1mb
PPN 23.57 86 eP 32 23.00 0.6
1.3s 50.00nm 4.9mb
TVO 23.69 86 eP 32 23.00 -0.7
1.3s 85.00nm 5.1mb
HNR 27.49 291 P 32 59.00 -0.3
RMQ 34.31 254 iPd 33 59.20 -0.3
CNB 34.96 238 iPc 34 05.70 0.6
1.0s 40.00nm 5.3mb
CAN 35.25 238 eP 34 07.30 -0.2
BWA 35.51 240 eP 34 07.30 -2.5
CMS 37.19 245 eP 34 23.70 -0.2
0.9s 13.00nm 4.8mb
TOO 38.53 236 eP 34 35.90 0.8
0.8s 25.00nm 5.1mb
STK 40.82 245 eP 34 52.80 -1.3
0.7s 5.30nm 4.4mb
ASPA 47.91 257 eP 35 49.80 -1.4
1.2s 25.80nm 5.1mb
WB2 48.09 262 iPd 35 50.20 -2.4
0.7s 13.10nm 5.1mb
WRA 48.10 262 P 35 51.00 -1.7
0.8s 4.40nm 4.5mb
WARB 54.11 252 eP 36 36.50 -1.6
SWI 56.88 283 ePd 36 57.00 -1.3
CGP 66.83 289 eP 38 04.50 -0.5
MAT 72.84 321 eP 38 41.00 -0.3
1.0s 12.00nm 4.8mb
GSC 78.06 45 eP 39 11.20 0.1
GLA 78.08 48 eP 39 11.69 0.4
BONR 78.70 42 eP 39 14.58 -0.3
TNP 79.46 42 eP 39 17.75 -1.1
1.7s 11.14nm 4.6mb
TUC 80.52 50 eP 39 24.01 -0.5
0.9s 4.51nm 4.5mb
ARUT 81.70 44 eP 39 30.32 -0.4
MAW 82.25 199 eP 39 35.00 2.2
1.0s 17.00nm 5.0mb

MSU 82.94 44 eP 39 37.29 0.1
NJ2 83.03 308 Pc 39 38.80 1.3
1.2s 31.00nm 5.3mb
MDJ 83.08 323 eP 39 37.80 0.4
SRU 84.34 44 eP 39 44.04 -0.2
HVV 84.39 41 (P) 39 43.53 -0.8
EMUT 84.53 44 eP 39 45.93 0.7
TTA 84.92 8 eP 39 45.95 -0.5
1.3s 26.71nm 5.3mb
DPW 84.94 34 eP 39 45.98 -0.8
ALQ 84.96 50 eP 39 47.14 -0.3
1.0s 11.47nm 5.0mb
CN2 84.97 321 Pd 39 47.40 0.4
1.6s 38.00nm 5.3mb
WHN 85.70 305 eP 39 52.00 1.1
MCMT 86.08 39 eP 39 52.70 -0.1
IPM 86.82 276 ePc 39 58.00 1.2
1.1s 86.90nm 5.9mb
FBA 88.05 11 eP 39 59.97 -1.6
1.2s 21.01nm 5.3mb
SNG 88.14 278 eP 40 06.00 2.9
IMA 88.23 8 eP 40 02.40 -0.2
1.2s 13.00nm 5.1mb
BJI 88.85 314 eP 40 06.00 0.1
2.0s 74.00nm 5.7mb
Z 20s 0.30um 4.7Msz
SES 90.22 35 eP 40 12.00 -0.2
RSSD 91.08 43 (P) 40 15.87 -0.7
1.0s 4.90nm 4.8mb
XAN 91.36 306 Pc 40 18.50 0.7
1.0s 18.00nm 5.4mb
sP 40 30.30
NST 91.65 286 eP 40 25.50 6.1X
HHC 92.34 313 P 40 22.40 0.1
KMI 92.83 296 Pd 40 27.50 2.5
1.4s 40.00nm 5.7mb
pP 40 41.00 45kmX
BDT 93.23 287 eP 40 28.00 1.4
1.2s 52.70nm 5.8mb
CHG 93.83 289 ePc 40 31.20 1.7
1.2s 31.25nm 5.6mb
LZH 95.99 306 eP 40 42.50 3.2X
1.5s 19.00nm 5.3mb
Z 28s 0.72um 5.0MszX
ARU 127.68 326 ePKP 46 16.00 -1.1
MAIO 131.14 300 ePKP 46 26.00 1.6
ASH 131.94 303 ePKP 46 29.00 3.2X
OBN 138.91 333 ePKP 46 40.00 1.7
e 46 48.00
MUD 144.55 357 ePKP 46 47.00 -1.2
1.4s 33.00nm
e 47 15.00
LWI 147.75 227 iPKPd 46 59.60 4.6X
KIS 148.07 330 ePKP 46 53.00 -1.2
i 46 56.00
e 50 34.00
WIT 148.29 359 ePKP 46 49.00 -5.4X
OJC 148.87 343 ePKP 46 59.70 4.2X
e 47 10.90
WTS 149.10 359 ePKP 47 00.00 4.3X
1.0s 26.00nm
KSP 149.16 347 iPKPc 47 00.40 4.5X
1.3s 68.00nm
CLL 149.29 351 iPKPc 47 00.30 4.2X
1.5s 59.00nm
e 47 10.00
UZH 149.49 338 iPKPc 47 01.00 4.6X
1.0s 210.00nm
i 47 07.30
i 47 12.00
BRG 149.57 350 iPKP 47 01.60 5.1X
1.6s 70.00nm
i 47 09.60
SPC 149.67 341 e(PKP) 47 02.20 5.2X
VRI 149.92 330 ePKPc 47 01.00 3.8X
UCC 150.29 2 PKP 47 04.00 6.5X
e 47 12.00
PRU 150.31 349 PKPc 47 03.30 5.7X
1.3s 20.90nm
ENN 150.34 360 ePKP 47 04.00 6.4X
1.0s 14.00nm
VRAC 150.53 346 ePKP 47 03.60 5.7X
1.7s 140.20nm
MLR 150.56 331 ePKPc 47 03.00 4.6X
SNF 150.57 2 PKP 47 03.60 5.6X
BHL 150.75 302 PKP 47 04.00 5.1X
HRI 150.87 301 ePKP 47 05.00 6.6X

PSZ 150.90 340 ePKP 47 03.80 5.1X
JARJ 150.99 299 PKP 47 06.20 6.9X
DOU 151.00 2 PKP 47 04.80 6.1X
e 47 09.10
GRF 151.10 353 ePKPc 47 05.50 6.6X
Z 18s 0.20um 5.0Msz
e 47 13.40
SALJ 151.26 299 PKP 47 06.70 7.0X
MASJ 151.30 298 PKP 47 06.60 6.8X
KHC 151.31 349 iPKPc 47 06.00 6.8X
1.3s 24.00nm
e 47 17.20
MKRJ 151.41 298 PKP 47 06.90 6.9X
WET 151.41 350 iPKPc 47 06.90 7.5X
WLF 151.45 360 PKPc 47 07.30 8.0X
ec 47 17.60
SRO 151.47 342 ePKP 47 05.20 5.8X
GEC2 151.57 349 ePKP 46 59.80 0.1
1.1s 1.41nm
DSI 151.62 298 ePKP 47 07.30 7.1X
FLN 151.89 9 ePKP 47 06.20 6.2X
1.1s 43.45nm
GZR 152.02 334 ePKPd 47 07.00 6.6X
LDF 152.10 9 ePKP 47 06.70 6.3X
1.1s 35.40nm
CSS 152.18 306 ePKP 47 07.00 6.1X
GRR 152.20 10 ePKP 47 07.20 6.7X
0.9s 23.75nm
RMN 152.51 296 ePKP 47 09.30 7.7X
LPF 152.51 10 ePKP 47 07.80 6.9X
1.1s 51.75nm
FUR 152.60 352 ePKP 47 08.40 7.3X
CDF 152.68 358 ePKP 47 09.40 8.1X
1.1s 25.90nm
BSF 153.27 359 ePKP 47 09.50 7.3X
0.9s 9.15nm
KBA 153.33 349 ePKP 47 06.80 4.4X
1.1s 18.70nm
WTTA 153.43 351 iPKP 47 09.50 7.0X
0.4s 6.60nm
i 47 24.30
PTJ 153.87 344 ePKP 47 11.20 8.2X
SSF 153.98 4 ePKP 47 11.50 8.5X
1.3s 43.30nm
MFF 154.05 9 ePKP 47 11.30 8.2X
LJU 154.08 346 ePKP 47 12.00 8.8X
VOY 154.23 347 e(PKP) 47 15.00 11.5X
AVF 154.24 4 ePKP 47 11.70 8.3X
1.1s 11.50nm
VBY 154.41 345 ePKP 47 12.00 8.3X
isP'df47 17.60
iPKPab47 23.50
SMF 154.42 3 ePKP 47 12.10 8.4X
BGF 154.44 5 ePKP 47 12.20 8.5X
1.1s 19.80nm
LSF 154.62 7 ePKP 47 12.30 8.4X
1.4s 28.75nm
TCF 154.65 6 ePKP 47 12.50 8.5X
1.1s 10.75nm
MAF 154.75 5 ePKP 47 13.00 8.9X
1.1s 16.10nm
VAY 155.33 329 ePKP 47 03.40 -1.6
SKO 155.35 331 ePKP 47 15.80 10.8X
PGF 158.40 354 ePKP 47 15.90 6.9X
TOL 159.41 22 ePKP 47 22.00 11.9X
S.D. = 1.2 on 59 of 121 obs.

NOV 09, 1992 02h 02m 27.89±0.98s
7.362 N ±5.4km 76.496 W ±7.4km
DEPTH = 17.5 ±8.2 km
4.4mb (4 obs.)
NORTHERN COLOMBIA (99)
HOBC 3.01 173 iPc 03 14.64 -1.1
BMG 3.41 95 iPc 03 23.50 2.1
CLMC 3.46 181 ePc 03 21.55 -0.7
BOG 3.64 138 eP 03 34.00 9.0X
IS 04 20.00
AZUC 3.66 174 ePc 03 25.46 0.0
ANCC 3.84 186 eP 03 26.85 -0.7
HOCC 3.87 182 ePc 03 26.86 -1.3
SILC 4.65 178 ePc 03 40.47 1.1
PURC 5.01 178 eP 03 44.89 0.4
SDV 6.00 75 iPnd 04 00.30 2.1
eSn 05 07.60
TOV 7.05 70 eP 04 13.70 0.8
iPP 04 14.30

09d 02h

CEOS	8.25	78	iPd	04	28.80	-0.9
MORO	8.80	66	iPd	04	36.50	-0.8
OLLA	9.94	74	iPd	04	51.10	-2.0
LLAV	10.06	71	eP	04	53.90	-0.8
YHJ	10.47	0	iPd	04	59.45	-0.8
STH	10.66	358	iPd	05	01.33	-1.5
ZOBO	24.91	161	P	07	53.00	0.8
			LR	13	42.00	
LPB	25.15	161	eP	07	58.00	3.7X
CNCB	25.45	161	eP	08	01.00	3.8X
SIV	27.78	147	P	08	22.40	4.3X
ALO	38.87	319	iP	09	57.10	2.7
	0.7s		3.08nm			4.1mb
RSSD	43.80	331	eP	10	34.30	-0.4
	1.0s		9.76nm			4.6mb
BW06	45.72	326	iP	10	50.10	0.0
	1.0s		4.00nm			4.3mb
MCMT	48.86	326	eP	11	15.50	0.7
YKA	61.63	341	eP	12	46.50	-0.2
	0.6s		2.00nm			4.4mb
LIC	70.91	86	P	13	46.80	0.1
KIC	71.18	86	P	13	48.50	0.2
GBA	146.78	51	PKP	22	12.00	2.3X
WRA	147.60	244	PKP	22	16.50	5.5X
	0.6s		0.70nm			

S.D. = 1.3 on 24 of 30 obs.

* NOV 09, 1992 02h 08m 17.73± 2.39s
38.025 N ±14.6km 27.057 E ±20.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.1 (ISK).

IZM	0.41	23	iPg	08	24.70	-1.3
CIN	0.92	117	ePg	08	35.00	-0.3
			iSg	08	50.00	
			i	08	57.00	
EZN	1.89	343	ePn	08	49.30	-1.0
KHL	1.97	81	ePn	08	56.40	4.9X
DST	2.00	37	iPn	08	52.20	0.2
EDC	2.40	15	ePn	08	59.00	1.3
BNT	2.42	16	ePn	08	59.00	1.0

S.D. = 1.4 on 6 of 7 obs.

NOV 09, 1992 02h 22m 53.15± 0.79s
39.527 N ± 6.9km 26.980 E ± 6.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.1 (ISK).

EZN	0.59	301	iPg	23	04.30	-0.7
			eSg	23	12.30	
EDC	1.06	39	iPn	23	13.00	-0.2
BNT	1.10	41	iPn	23	14.00	0.2
IZM	1.15	169	iPn	23	14.70	0.0
DST	1.28	86	iPn	23	17.20	0.3
KCT	1.28	55	iPn	23	16.10	-0.8
ALN	1.54	333	eP	23	21.70	1.0

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

NOV 09, 1992 02h 28m 04.70± 0.79s
39.544 N ± 7.1km 27.012 E ± 6.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.2 (ISK).

EZN	0.60	298	iPg	28	16.30	-0.5
			eSg	28	23.30	
EDC	1.04	39	ePn	28	24.00	-0.2
BNT	1.07	40	iPn	28	24.00	-0.9
IZM	1.16	170	iPn	28	26.20	-0.2
DST	1.25	87	iPn	28	28.70	0.7
KCT	1.25	55	iPn	28	28.00	0.0
ALN	1.54	332	ePc	28	33.30	1.1

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

* NOV 09, 1992 03h 37m 06.56± 0.40s
76.551 N ±18.9km 3.905 E ±13.7km
DEPTH = 10.0km (geophysicist)
4.6mb (6 obs.)
GREENLAND SEA (640)

DAG	5.24	283	eP	38	11.00	-15.6X
			iP	38	23.70	
			iS	39	18.20	
ARA0	9.37	127	Pn	39	22.40	-2.1

SDF	11.39	132	iP	39	53.30	1.3
NRA0	16.11	166	Pn	40	59.03	4.8X
KAF	16.30	140	iP	40	57.10	0.4
	0.7s		10.70nm			4.1mb
HFS	16.84	163	eP	41	09.80	6.3X
	0.5s		1.20nm			3.3mb X
SES	46.86	307	ePd	45	37.90	-0.1
			pP	45	45.00	24kmX
NEW	50.01	312	eP	46	02.00	-0.4
	1.3s		23.58nm			5.0mb
RSSD	51.50	299	eP	46	14.00	0.0
	0.7s		2.62nm			4.3mb
LRM	51.52	307	eP	46	13.80	-0.4
			e	46	20.50	
BW06	53.89	303	eP	46	31.79	-0.1
	1.3s		6.83nm			4.5mb
SRU	57.62	303	eP	46	58.25	-0.6
PV10	58.04	301	eP	47	02.20	0.4
GKN	60.83	92	P	47	21.30	0.2
KKN	61.18	91	P	47	23.60	0.0
DMN	61.32	92	P	47	25.00	0.5
TUC	64.26	301	eP	47	44.18	0.4
	1.0s		6.20nm			4.8mb
GLA	64.33	305	eP	47	44.71	0.6
BCAO	72.51	165	iPc	48	43.00	7.9X
	0.9s		9.00nm			4.9mb

S.D. = 0.8 on 15 of 19 obs.

? NOV 09, 1992 04h 22m 44.31± 3.75s
14.107 N ±43.0km 93.367 W ±11.2km
DEPTH = 33.0km (normal)
4.3mb (1 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

TPX	1.33	53	iP	23	06.50	-0.2
			iS	23	24.50	
SCX	2.71	15	eP	23	26.50	0.1
			iS	24	01.00	
OXX	4.38	313	(P)	23	47.00	-3.5X
IISM	6.19	322	(P)	24	23.00	7.2X
IIT	6.81	317	(P)	24	36.00	11.3X
PPM	7.05	315	(P)	24	33.50	5.1X
III	7.24	307	eP	24	29.50	-1.2
MRX	9.33	308	eP	25	00.50	0.9
MCMT	34.81	335	eP	29	37.80	3.4X
YKA	50.63	347	eP	31	42.40	0.4
	0.8s		2.90nm			4.3mb

S.D. = 1.1 on 5 of 10 obs.

& NOV 09, 1992 04h 38m 48.17s
61.600 N 146.460 W
DEPTH = 35.0km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.9 (AEIC), 3.6 (PMR).

KLU	0.28	112	iPc	38	55.50	-0.4
			eS	39	01.54	
VLZ	0.47	172	iPc	38	57.20	-1.2
			eS	39	05.22	
SCM	0.48	300	iPc	38	57.66	-0.8
TOA	0.52	15	iPd	38	59.20	0.0
VZW	0.54	185	ePc	38	58.22	-1.2
TZL	0.66	47	iPd	39	00.45	-0.6
GLI	0.79	203	iPd	39	01.79	-1.0
			iS	39	13.16	
FID	0.85	181	iPc	39	03.11	-0.7
			eS	39	16.07	
SML	0.92	284	iPc	39	03.43	-1.3
			eS	39	16.52	
KNK	0.98	260	iPc	39	04.98	-0.6
SDG	1.03	24	iPd	39	05.27	-1.0
			eS	39	18.51	
CVA	1.11	162	iPc	39	06.54	-0.9
			eS	39	23.29	
GHO	1.19	279	iPc	39	07.55	-1.1
			eS	39	24.72	
HIN	1.21	181	eP	39	08.18	-0.7
			eS	39	25.40	
SGAM	1.26	151	iPc	39	08.19	-1.5
PLRM	1.28	271	iPc	39	09.16	-0.7
			eS	39	26.54	
PMR	1.28	271	iPc	39	08.84	-1.1
			eS	39	25.82	
GLB	1.28	96	ePc	39	08.31	-1.7
			eS	39	25.11	

KNIM	1.40	207	iPd	39	10.69	-1.1
			eS	39	29.27	
PTE	1.44	240	iPd	39	11.46	-0.8
			eS	39	30.59	
PAX	1.45	18	iPd	39	11.33	-1.2
			eS	39	29.66	
RAGM	1.50	144	eP	39	11.71	-1.4
			eS	39	33.10	
PMS	1.53	258	ePc	39	13.50	-0.2
PWA	1.63	273	iPc	39	14.70	-0.3
HMT	1.66	139	ePc	39	13.67	-1.8
			eS	39	37.04	
LTI	1.71	204	iPd	39	14.87	-1.2
MPA	1.80	233	eP	39	16.14	-1.2
CROM	1.82	116	ePc	39	16.25	-1.6
TGL	1.95	114	iPc	39	17.99	-1.7
KAIM	1.96	148	eP	39	18.24	-1.4
HUR	2.03	314	eP	39	19.97	-0.7
SUA	2.06	268	eP	39	20.58	-0.6
BALM	2.06	104	iPc	39	19.47	-1.8
SEW	2.10	226	eP	39	20.50	-1.1
WAX	2.10	122	iPc	39	19.72	-2.1
RND	2.13	330	eP	39	21.24	-0.9
SLKM	2.13	241	eP	39	21.08	-1.1
MID	2.18	178	eP	39	22.30	-0.5
SNH	2.27	127	eP	39	24.16	0.0
DOT	2.34	27	eP	39	25.02	0.0
MCK	2.43	333	eP	39	25.33	-1.0
SKT	2.44	281	eP	39	25.77	-0.7
			eS	39	55.55	

DJE	2.46	8	eP	39	26.02	-0.8
NKA	2.47	252	eP	39	28.96	2.1
CTGM	2.56	102	ePc	39	26.59	-1.7
TRF	2.57	318	eP	39	27.69	-0.8
YAH	2.61	116	iPc	39	26.99	-2.1
WRG	2.68	124	eP	39	29.48	-0.4
CRP	2.76	266	(P)	39	30.46	-0.7
KTH	2.85	315	eP	39	31.67	-0.7
CKL	2.86	264	eP	39	31.24	-1.3
BGL	2.87	266	eP	39	31.24	-1.4
WRH	2.98	346	eP	39	32.60	-1.5
CCB	3.12	349	eP	39	34.06	-2.1
CNPM	3.14	231	eP	39	34.63	-1.9
DFR	3.19	254	eP	39	36.22	-1.0
NEA	3.22	339	eP	39	35.25	-2.3
REF	3.23	253	eP	39	36.14	-1.8
FBA	3.37	350	eP	39	36.93	-2.7
GLM	3.43	353	eP	39	38.54	-2.0
SYI	4.22	227	eP	39	50.02	-1.7
SVW	4.44	268	eP	39	51.97	-2.9
TTA	4.66	291	eP	39	54.27	-3.7
IMA	5.50	328	eP	40	06.53	-3.5
	0.5s		8.46nm			4.5mb X
	64 obs.					associated

? NOV 09, 1992 05h 15m 01.97± 3.21s
37.882 N ±20.0km 26.703 E ±22.1km
DEPTH = 10.0km (geophysicist)
DODECANESE ISLANDS (369)
MD 3.2 (ISK).

IZM	0.68	40	iPg	15	14.70	-0.8
			iSg	15	20.20	
CIN	1.13	104	ePg	15	23.00	-0.2
			iSg	15	36.00	
EZN	1.96	351	ePn	15	35.40	-0.2
KHL	2.27	78	ePn	15	43.00	2.9X
DST	2.29	41	iPn	15	41.60	1.2
KCT	2.69	28	ePn	15	46.00	-0.1
ALN	3.05	351	eP	15	58.50	7.4X

S.D. = 1.0 on 5 of 7 obs.

? NOV 09, 1992 05h 36m 17.99± 3.13s
18.369 S ±29.1km 119.244 E ±16.9km
DEPTH = 33.0km (normal)
4.0mb (1 obs.)
NORTHWEST OF AUSTRALIA (588)

KLB 13.23 186 eP 39 25.00 -1.1
eS 41 43.00
WB2 14.36 99 eP 39 41.20 0.2
eS 42 12.00
ASPA 14.66 114 eP 39 45.40 0.4
0.9s 5.90nm 4.0mb
eS 42 22.90
S.D. = 1.4 on 7 of 7 obs.

% NOV 09, 1992 05h 54m 25.04 ± 0.42s
39.271 S ± 3.6km 174.618 E ± 4.7km
DEPTH = 20.0km (geophysicist)
NORTH ISLAND, NEW ZEALAND (159)
ML 3.8 (WEL).

BSZ 0.58 155 Pc 54 37.00 0.6
CNZ 0.73 85 Pc 54 38.80 -0.1
DRZ 0.73 91 P 54 38.90 -0.3
NGZ 0.77 83 P 54 39.50 -0.2
MOZ 0.78 11 Pc 54 41.30 1.6
S 54 52.40
WAHZ 1.41 108 eP 54 49.30 -0.4
MNG 1.50 154 P 54 51.30 0.3
eS 55 08.30
WHH 1.51 76 P 54 50.80 -0.4
WLZ 1.59 29 P 54 52.70 0.4
S 55 12.80
KIW 1.61 172 Pc 54 52.90 0.4
DIW 1.62 199 P 54 53.10 0.4
PGZ 1.85 137 eP 54 55.60 -0.4
CAW 1.87 170 P 54 56.80 0.5
TCW 1.96 188 P 54 57.70 0.1
MRW 1.96 178 P 54 57.80 0.2
MTW 2.00 161 P 54 59.10 0.8
WEL 2.02 177 eP 54 59.50 1.1
MOW 2.20 167 eP 55 01.20 0.1
AMW 2.22 157 eP 55 01.00 -0.3
ORZ 2.23 225 P 55 01.60 0.0
KUZ 2.67 19 P 55 06.70 -1.0
S 55 38.20
THZ 2.81 207 eP 55 10.80 1.0
S 55 43.80
KHZ 3.25 194 P 55 16.60 0.7
eS 55 51.10
DSZ 3.27 220 eP 55 16.40 0.0
WCZ 3.33 356 eP 55 17.00 -0.1
LTZ 3.93 206 eP 55 23.80 -1.9
MOZ 4.67 198 eP 55 33.40 -2.8
S 56 22.70
S.D. = 0.9 on 27 of 27 obs.

& NOV 09, 1992 06h 11m 10.77s
34.156 N 116.423 W
DEPTH = 9.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS), 2.7 (GS).
Felt.

PEC 0.67 247 iPc 11 22.95 -1.2
PLM 0.88 205 eP 11 27.00 -0.9
S 11 37.84
SSK 1.05 273 iPc 11 30.10 -0.8
eS 11 43.71
GSC 1.19 345 ePn 11 32.05 -1.0
eS 11 49.06
GLA 1.73 129 ePn 11 38.93 -2.3
ePg 11 42.52
eS 12 06.38
ISA 2.26 312 (Pn) 11 48.07 -0.8
iPg 11 51.72
eS 12 21.30
MEMM 4.05 330 (Pn) 12 11.47 -2.8
ePg 12 25.99
7 obs. associated

? NOV 09, 1992 06h 19m 30.48 ± 6.41s
26.312 S ± 43.6km 70.918 W ± 40.2km
DEPTH = 33.0km (normal)
CENTRAL CHILE (136)

TLL 1.85 177 eP 19 59.40 -1.3
iS 20 22.00
RTLL 3.68 145 ePd 20 27.50 1.0
CFA 4.02 145 e(P) 20 32.00 0.6
RTCV 4.09 150 ePd 21 08.50 36.1X
CYA 4.52 93 eP 20 39.00 0.6
PEL 4.82 178 eP 20 43.50 0.8

MDZ 4.89 159 eP 20 50.70 7.0X
e 21 04.90
TCA 6.27 120 eP 21 01.50 -1.7
S.D. = 1.5 on 6 of 8 obs.

& NOV 09, 1992 06h 28m 41.10s
40.417 N 124.610 W
DEPTH = 16.0km
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.0 (BRK).

KMPM 0.37 90 iPc 28 48.89 -0.1
EKR 0.45 52 iPc 28 50.28 0.0
eS 28 56.60
FOX 0.48 77 iPc 28 51.03 0.3
eS 28 58.91
FHC 0.61 51 iPc 28 52.73 -0.3
eS 29 00.97
LGPM 1.44 69 iPc 29 04.54 -2.1
LBFM 2.26 65 eP 29 17.47 -1.1
MIN 2.30 91 eP 29 16.35 -2.7
7 obs. associated

NOV 09, 1992 07h 53m 47.76 ± 0.51s
40.627 N ± 4.6km 23.018 E ± 4.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)
ML 2.0 (SKO), 1.9 (THE).

THE 0.04 277 iPgc 53 50.41 0.6
eSg 53 51.72
SOH 0.32 53 iPgc 53 55.00 0.6
eSg 54 00.12
KNT 0.54 350 iPgc 53 58.50 -0.2
eSg 54 06.12
GRG 0.57 305 ePg 53 59.80 0.4
eSg 54 08.12
SRS 0.66 41 iPg 54 00.40 -0.4
eSg 54 10.48
LIT 0.66 218 ePg 54 00.52 -0.5
eSg 54 09.40
VAY 0.77 334 iPg 54 02.30 -0.5
iSg 54 12.60
OUR 0.79 111 ePg 54 03.20 0.1
eSg 54 14.00
PAIG 0.86 144 ePg 54 04.36 0.0
eSg 54 16.64
S.D. = 0.5 on 9 of 9 obs.

% NOV 09, 1992 08h 04m 29.88 ± 1.33s
40.074 N ± 11.7km 24.472 E ± 7.1km
DEPTH = 5.0km (geophysicist)
AEGEAN SEA (365)

OUR 0.46 305 iPgc 04 38.85 -0.2
eSg 04 44.26
PAIG 0.63 257 ePg 04 42.22 -0.2
eSg 04 50.66
SOH 1.13 312 ePg 04 51.17 -0.4
eSg 05 05.98
SRS 1.24 328 ePb 04 53.30 -0.1
ALN 1.46 55 ePb 04 56.70 -0.1
eSb 05 16.62
KNT 1.62 313 ePb 04 59.62 0.5
eSb 05 21.38
GRG 1.81 300 ePb 05 02.50 0.5
S.D. = 0.4 on 7 of 7 obs.

& NOV 09, 1992 08h 22m 25.04s
34.010 N 116.319 W
DEPTH = 5.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

PEC 0.71 261 ePc 22 38.07 -1.2
S 22 47.09
PLM 0.80 215 ePd 22 39.83 -1.3
S 22 50.14
SSK 1.16 280 eP 22 46.13 -1.1
eS 23 02.09
GSC 1.35 343 ePn 22 49.44 -1.0
eS 23 07.80
GLA 1.57 127 ePn 22 51.84 -1.8
ePg 22 53.96
ISA 2.42 314 ePn 23 03.64 -2.3
ePg 23 09.14
ABL 2.54 290 (Pn) 23 06.50 -1.3

7 obs. associated

* NOV 09, 1992 08h 31m 18.33 ± 2.82s
31.913 S ± 18.3km 71.370 W ± 19.8km
DEPTH = 116.0 ± 23.3 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

JACH 1.01 140 iP+ 31 39.17 -1.4
iS 31 52.21
ROCH 1.10 164 iPd 31 40.77 -0.8
IHA 1.13 192 eP 31 42.00 0.3
iS 31 57.50
PEL 1.36 155 iPd 31 43.97 -0.3
iS 32 00.13
LCCH 1.57 186 iPd 31 47.15 0.5
iS 32 05.83
SAN 1.65 159 eP 31 47.69 0.0
FCH 1.68 147 iP+ 31 48.37 0.0
iS 32 08.80
TACH 1.77 168 eP 31 49.58 0.3
iS 32 09.97
PCH 1.85 157 iP+ 31 50.14 -0.1
iS 32 12.26
LNV 2.04 181 iP 31 52.52 0.0
iS 32 15.78
CHCH 2.10 164 iP+ 31 53.73 0.3
iS 32 18.24
MDZ 2.34 115 eP 31 58.20 1.7
e 32 26.40
RTCV 2.41 90 iPd 31 58.40 1.0
S 32 26.00
CFA 2.68 84 ePc 32 02.10 1.1
S 32 32.00
RFA 3.75 140 ePc 32 15.30 0.0
MRA 4.83 97 ePc 32 29.10 -0.8
TCA 5.81 86 iP 32 42.00 -1.6
(S) 33 40.00
S.D. = 0.9 on 17 of 17 obs.

NOV 09, 1992 08h 39m 29.46 ± 0.53s
32.128 N ± 6.7km 131.712 E ± 5.9km
DEPTH = 52.2 ± 9.4 km
3.9mb (2 obs.)
KYUSHU, JAPAN (235)

KUMJ 0.85 299 iP+ 39 45.10 -0.3
S 39 56.00
KAGJ 1.17 217 iPd 39 50.10 0.3
S 40 04.60
SHNJ 2.05 346 P 40 02.20 0.0
TKSJ 2.70 46 iPd 40 11.60 0.3
YONJ 3.38 25 P 40 21.00 -0.1
WKYJ 3.87 56 P 40 27.50 -0.4
TSRJ 4.92 45 P 40 43.30 0.6
MTMJ 6.72 47 P 41 07.90 -0.1
MAT 6.95 49 iPd 41 10.70 -0.4
eS 41 20.00
CHJJ 7.20 55 eP 41 14.70 0.1
NIJJ 7.87 48 eP 41 24.00 0.0
KAKJ 8.10 58 eP 41 26.90 -0.2
WRA 51.84 177 P 48 34.20 -0.3
0.6s 0.50nm 3.7mb
FBA 57.42 30 eP 49 15.07 0.3
0.4s 0.75nm 4.1mb
S.D. = 0.4 on 14 of 14 obs.

? NOV 09, 1992 09h 45m 58.34 ± 9.10s
15.872 N ± 21.2km 59.867 W ± 73.6km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.6 (FDF). MD 3.6 (TRN).

MGG 1.40 272 eP 46 21.26 -0.4
S 46 33.60
MDN 1.58 250 eP 46 24.47 0.1
eS 46 40.46
SEG 1.66 289 eP 46 25.60 0.1
PAG 1.75 275 eP 46 26.90 0.0
S 46 44.50
BPA 2.24 302 eP 46 36.06 2.2X
eS 46 59.33
MGH 2.41 291 eP 46 36.70 0.4
CPB 2.57 313 eP 46 38.42 -0.1
eS 47 01.87
NEV 2.88 296 eP 46 39.19 -3.8X
eS 47 03.13

09d 09h

S.D. = 0.4 on 6 of 8 obs.
 * NOV 09, 1992 10h 18m 01.19± 0.94s
 39.129 N ± 8.4km 27.577 E ± 15.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

I ZM 0.77 199 iPg 18 16.30 0.1
 iSg 18 30.30
 DST 0.94 59 ePn 18 18.90 -0.3
 EDC 1.24 10 ePn 18 24.00 -0.2
 BNT 1.25 12 ePn 18 24.00 -0.5
 KCT 1.27 28 ePn 18 25.00 1.1
 GBZT 2.19 40 ePg 18 38.00 -0.2

S.D. = 0.7 on 6 of 6 obs.
 * NOV 09, 1992 10h 39m 36.12± 0.97s
 14.799 N ± 13.5km 92.805 W ± 8.2km
 DEPTH = 64.6 ± 7.5 km
 4.6mb (1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 0.54 79 iP 39 50.00 1.0
 iS 40 06.00
 SCX 1.93 5 iP 40 06.00 -1.3
 iS 40 39.50
 OXX 4.40 302 (P) 40 42.00 -0.2
 IISM 6.04 314 eP 41 05.00 0.0
 IIT 6.73 309 eP 41 14.50 -0.4
 PPM 7.00 308 eP 41 19.50 0.7
 TPM 7.29 306 (P) 41 23.00 0.5
 IIT 7.31 300 (P) 41 18.00 -4.8X
 UNM 7.58 307 eP 41 26.50 -0.2
 MRX 9.38 303 eP 41 50.50 -0.6
 ACO 22.53 347 iPc 44 32.50 0.9
 LRM 35.07 336 eP 46 25.90 0.7
 SIV 43.80 133 P 47 36.00 -1.6
 YKA 50.07 347 eP 48 25.20 -1.0
 1.0s 6.00nm 4.6mb
 MBC 63.03 353 eP 49 58.00 -0.2
 HYB 146.87 15 ePKP 59 12.00 0.4
 GBA 150.17 19 PKP 59 18.00 1.2

S.D. = 0.9 on 16 of 17 obs.
 * NOV 09, 1992 10h 45m 22.56± 1.99s
 14.329 N ± 19.5km 93.165 W ± 11.8km
 DEPTH = 48.8 ± 15.4 km
 4.7mb (1 obs.)
 NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 1.05 57 iP 45 40.00 -1.1
 iS 45 56.50
 SCX 2.45 12 iP 46 02.00 1.2
 iS 46 35.50
 OXX 4.39 309 eP 46 30.00 1.5
 IISM 6.14 320 (P) 46 57.00 3.9X
 IIT 6.79 314 (P) 47 06.00 3.7X
 PPM 7.04 313 eP 47 04.00 -2.1
 IIT 7.27 304 (P) 47 05.00 -4.0X
 UNM 7.61 312 (P) 47 24.00 10.1X
 MRX 9.35 306 eP 47 38.00 0.4
 LNO 21.62 354 e(P) 50 12.30 2.0
 ACO 22.91 348 iPc 50 23.00 -0.2
 LRM 35.35 336 eP 52 15.40 -0.2
 SIV 43.74 132 eP 53 26.00 0.8
 YKA 50.45 347 eP 54 15.80 -1.4
 0.9s 7.80nm 4.7mb
 MBC 63.45 353 eP 55 48.50 -0.7
 WRA 134.38 256 PKP 04 48.00 10.3X
 0.7s 0.20nm
 HYB 147.41 15 ePKP 05 03.50 2.5X
 GBA 150.73 19 PKP 05 10.00 3.9X

S.D. = 1.5 on 11 of 18 obs.
 NOV 09, 1992 11h 51m 59.64± 0.34s
 2.388 S ± 4.9km 141.351 E ± 7.0km
 DEPTH = 30.5km (4 depth phases)
 4.9mb (22 obs.) 4.5Msz (3 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 27S, 40C
 Centroid Location:
 Origin Time 11:51:59.2 0.9
 Lot 2.58S 0.07 Lon 141.50E 0.08
 Dep 15.0 FIX Half-duration 1.0

Moment Tensor; Scaled 10**16 Nm
 Mrr=-5.17 0.43 Mtt= 6.41 0.37
 Mff=-1.24 0.57 Mrt= 2.87 1.92
 Mrf=-0.35 1.23 Mtf= 0.49 0.43
 Principal Axes:
 T Vol= 7.10 Plg=13 Azm=357
 N -1.21 6 89
 P -5.89 76 203
 Best Double Couple: Mo=6.5*10**16
 NP1: Strike= 79 Dip=33 Slip=-101
 NP2: 272 58 -83

WWKK 2.58 118 eP 52 38.20 -2.1
 MNDI 4.39 148 eP 53 10.00 3.8X
 MTN 14.50 224 eP 55 22.00 -2.8
 GUMO 16.25 12 e(P) 55 36.70 -10.7X
 MNI 16.94 283 eP 55 56.50 0.4
 DIS 18.14 185 eP 56 11.60 0.5
 0.2s 2.00nm 3.9mb
 KNA 18.17 222 eP 56 11.80 0.4
 WBZ 18.74 201 iPd 56 17.20 -1.3
 0.5s 73.60nm 5.1mb
 WRA 18.75 201 P 56 18.00 -0.5
 1.2s 9.00nm 3.8mb X
 KUPT 19.24 246 eP 56 26.30 1.9
 1.0s 277.40nm 5.5mb
 HNR 19.77 112 eP 56 28.00 -2.3
 CGP 19.80 303 ePc 56 35.00 4.4X
 PLP 21.13 310 ePd 56 47.00 2.6X
 ASPA 22.35 198 iPd 56 56.60 -0.1
 0.8s 31.00nm 4.8mb
 Z 23s 2.30um 4.5MszX
 eS 00 53.90

QLP 24.22 174 iPd 57 16.60 1.8
 RMO 25.00 164 iPc 57 25.30 2.9X
 0.7s 59.00nm 5.3mb
 KKM 26.46 289 eP 57 40.00 3.8X
 BRS 27.16 157 iPd 57 47.00 4.6X
 WARB 27.56 210 eP 57 46.50 0.4
 MBL 28.06 227 eP 57 48.20 -2.4
 CMS 29.25 172 eP 58 03.00 1.8
 0.9s 4.00nm 4.2mb
 STK 29.34 180 eP 58 02.20 0.2
 0.6s 4.20nm 4.4mb
 FORT 30.91 203 eP 58 16.20 0.2
 NANU 32.10 229 eP 58 25.50 -1.0
 ADE 32.51 184 eP 58 31.20 1.3
 MEEK 32.51 220 eP 58 28.00 -2.1
 BWA 32.55 169 eP 58 32.00 2.5
 CAN 33.53 169 eP 58 40.00 1.2
 COOL 34.18 212 eP 58 44.00 -0.5
 BFD 34.64 178 eP 58 49.00 0.7
 TOO 35.22 174 eP 58 56.30 2.9X
 0.8s 17.00nm 5.0mb
 KLB 36.59 215 eP 59 04.30 -0.6
 SSE 38.44 332 Pd 59 28.50 8.1X
 0.9s 8.00nm 4.5mb
 Z 20s 0.90um 4.6Msz
 eS 05 16.00

MAT 38.84 356 (P) 59 25.00 1.2
 eS 05 08.00
 LOE 43.74 298 eP 00 08.00 3.7X
 GYA 44.10 313 P 00 08.20 1.0
 1.0s 9.60nm 4.6mb
 NST 44.53 295 eP 00 17.40 31km
 TIA 44.56 332 eP 00 15.50 4.8X
 0.8s 5.50nm 4.6mb
 KMI 46.35 309 eP 00 27.00 1.7
 CHG 46.72 299 eP 00 28.00 -0.1
 XAN 47.37 323 Pc 00 32.70 -0.3
 0.8s 5.50nm 4.6mb
 BJI 48.11 334 eP 00 41.30 29km
 Z 28s 0.55um 4.4MszX
 eS 07 32.00
 CD2 48.75 316 eP 00 43.80 0.0
 BTO 51.46 330 eP 01 03.00 -1.5
 LZH 51.85 321 Pc 01 07.50 0.0
 1.8s 42.00nm 5.1mb
 Z 24s 0.53um 4.5MszX
 pP 01 17.00 32km
 sP 01 23.00
 GTA 56.41 322 eP 01 40.20 -0.7
 1.0s 9.10nm 4.8mb
 Z 22s 0.35um 4.4Msz
 pP 01 49.80 31km

sP 01 53.50
 GUN 61.19 304 P 02 14.68 0.1
 1.0s 77.00nm 5.8mb
 PKI 61.47 303 P 02 16.26 -0.2
 0.9s 11.00nm 5.0mb
 KKN 61.65 303 P 02 17.48 -0.1
 0.8s 62.00nm 5.8mb
 DMN 61.73 303 P 02 18.10 -0.1
 0.8s 45.00nm 5.7mb
 GKN 62.25 303 P 02 21.58 0.0
 0.7s 57.00nm 5.8mb
 KOD 64.81 282 eP 02 39.00 0.3
 HYB 64.93 290 eP 02 38.00 -1.1
 GBA 65.32 286 P 02 40.00 -1.6
 TTA 80.02 24 eP 04 06.95 -0.6
 1.2s 10.95nm 4.7mb
 IMA 82.26 22 eP 04 19.37 0.0
 1.0s 5.57nm 4.6mb
 FBA 84.13 24 eP 04 28.20 -0.6
 0.9s 10.83nm 5.0mb
 MAIO 84.84 307 iPc 04 35.00 2.0
 0.9s 9.80nm 5.0mb
 BAO 122.89 274 iPKPc 10 56.40 0.9
 1.0s 10.00nm
 CNCB 145.33 124 PKP 11 39.00 1.2
 LPB 145.37 124 PKP 11 37.20 -0.5
 ZOBO 145.46 124 PKPc 11 37.60 -0.6
 1.2s 23.65nm
 KIC 145.97 278 PKP 11 39.40 1.1
 TIC 146.22 278 PKP 11 39.60 0.9
 LIC 146.27 278 PKP 11 40.20 1.4
 SIV 151.28 130 ePKP 11 56.00 9.5X
 S.D. = 1.2 on 54 of 66 obs.

* NOV 09, 1992 12h 47m 09.89s
 60.166 N 150.404 W
 DEPTH = 34.6km
 KENAI PENINSULA, ALASKA (14)
 <AEIC>. ML 2.7 (AEIC).

SLKM 0.35 15 iPd 47 18.24 -0.3
 eS 47 25.09
 BRK 0.47 211 eP 47 19.25 -0.8
 iS 47 26.71
 SEW 0.48 97 iPc 47 19.26 -0.9
 eS 47 27.35
 MPA 0.61 58 iPd 47 21.27 -0.8
 eS 47 30.15
 NKA 0.71 325 iPc 47 24.20 0.8
 CNPM 0.77 214 iPd 47 23.24 -1.1
 eS 47 33.35
 HOM 0.81 231 ePd 47 24.31 -0.5
 XLV 0.98 224 eP 47 26.04 -1.2
 PTE 0.98 44 ePd 47 26.42 -0.8
 eS 47 39.33
 PMS 1.16 21 P 47 28.80 -1.1
 REF 1.19 287 iPc 47 29.60 -0.9
 eS 47 45.17
 RSO 1.21 285 iPc 47 29.82 -1.0
 eS 47 45.84
 RS1 1.21 285 iPc 47 29.90 -0.9
 RS2 1.21 285 iPc 47 29.89 -0.9
 eS 47 45.79
 DFR 1.21 292 iPc 47 29.69 -1.1
 RDN 1.22 288 ePc 47 29.85 -1.1
 iS 47 45.87
 RDW 1.24 286 ePc 47 30.20 -1.0
 eS 47 46.06
 ILIM 1.28 267 iPd 47 30.81 -1.0
 eS 47 47.47
 LTI 1.28 95 eP 47 30.24 -1.5
 SPU 1.30 322 iPc 47 31.08 -1.0
 eS 47 48.35
 SUA 1.31 353 ePc 47 31.18 -1.1
 eS 47 49.54
 NCT 1.32 289 iPc 47 31.27 -1.1
 eS 47 48.31
 INE 1.34 267 eP 47 31.47 -1.2
 eS 47 48.65
 KNIM 1.34 81 ePd 47 30.39 -2.2
 eS 47 51.02
 INW 1.37 267 ePd 47 32.07 -1.0
 eS 47 49.41
 CKN 1.38 321 eP 47 32.35 -0.8
 CGLM 1.39 326 ePc 47 32.45 -0.9
 CRP 1.40 323 ePc 47 32.76 -0.8
 CKL 1.41 318 ePc 47 32.53 -1.1

CP2	1.43	321	eP	47	33.38	-0.6
BGL	1.47	319	ePc	47	33.56	-1.0
NCG	1.51	326	ePc	47	34.21	-0.9
PWA	1.51	10	P	47	34.70	-0.3
OPT	1.51	251	eP	47	34.27	-0.8
PLRM	1.56	23	iPd	47	34.52	-1.2
			eS	47	54.03	
KNK	1.57	37	ePd	47	34.76	-1.2
AUE	1.71	243	eP	47	37.20	-0.6
AUL	1.72	244	eP	47	37.62	-0.4
AUP	1.73	243	eP	47	37.75	-0.4
AUI	1.74	243	eP	47	37.73	-0.6
			eS	47	59.28	
AUW	1.75	244	eP	47	37.83	-0.5
GHO	1.77	23	ePd	47	37.62	-1.1
GLI	1.79	65	eP	47	35.90	-3.0
SYI	1.86	214	eP	47	38.72	-1.3
SKT	1.90	344	ePc	47	39.74	-0.8
			eS	48	03.65	
SML	1.93	31	eP	47	39.79	-1.3
PDB	1.94	260	eP	47	40.17	-1.0
			eS	48	04.18	
FID	2.03	72	ePd	47	39.51	-2.9
CDD	2.06	234	eP	47	42.17	-0.8
MCNL	2.22	245	eP	47	44.69	-0.5
VLZ	2.23	62	eP	47	43.23	-1.9
SCM	2.25	41	eP	47	44.41	-1.2
CVA	2.34	79	eP	47	47.12	0.3
KLU	2.57	57	ePd	47	48.34	-1.7
SVW	2.74	292	P	47	50.70	-1.8
TOA	2.83	45	P	47	52.70	-1.1
KAIM	3.01	92	P	47	49.20	-7.1
TZL	3.07	50	eP	47	55.66	-1.4
PAX	3.67	38	eP	48	04.06	-1.7
WAX	3.77	82	eP	48	03.88	-3.3
BALM	4.07	74	eP	48	07.91	-3.5
CTGM	4.55	76	eP	48	15.68	-2.6

62 obs. associated

NOV 09, 1992 13h 11m 38.46±0.26s
 44.326 N ± 2.2km 7.342 E ± 3.2km
 DEPTH = 19.3 ± 4.6 km
 NORTHERN ITALY (545)
 ML 2.9 (LDG), 2.5 (GEN).

STV	0.08	189	Pc	11	41.98	-0.4
			S	11	43.88	
ENR	0.11	151	Pc	11	42.27	-0.3
			S	11	44.15	
PZZ	0.25	316	Pd	11	44.91	0.5
			S	11	48.77	
TOUF	0.32	192	Pg	11	45.34	-0.3
AUTN	0.34	169	Pg	11	45.65	-0.3
			Sg	11	49.40	
SAOF	0.37	156	Pg	11	46.04	-0.3
			Sg	11	50.33	
ROB	0.38	95	Pc	11	47.13	0.6
			S	11	52.57	
AURF	0.44	181	Pg	11	47.21	-0.3
			Sg	11	52.86	
MVIF	0.45	198	Pg	11	47.53	-0.2
SBF	0.47	172	Pg	11	48.07	0.1
BHB	0.52	354	Pd	11	48.51	-0.3
			S	11	55.50	
IMI	0.57	136	Pd	11	49.79	0.0
			S	11	57.24	
FIN	0.63	100	Pc	11	51.12	0.4
			S	11	59.39	
CALN	0.66	210	Pg	11	51.58	0.3
			Sg	11	59.95	
RRL	0.71	326	P	11	52.77	0.5
			S	12	02.47	
RSP	0.83	356	P	11	53.30	-0.8
			S	12	03.83	
PCP	0.89	76	P	11	56.07	1.0
			S	12	07.90	
FRF	0.92	214	Pg	11	55.80	0.3
			Sg	12	07.10	
LRG	1.12	220	Pg	11	59.70	0.7
			Sg	12	14.00	
LSD	1.14	353	P	11	58.87	-0.6
			S	12	12.90	
LMR	1.16	212	Pg	12	00.10	0.5
			Sg	12	15.00	
LPG	1.24	340	Pg	12	01.00	-0.1
			Sg	12	17.90	
LPL	1.27	340	Pg	12	01.40	0.1

		Sg	12	18.50	
PGF	2.15	145	Pn	12	12.84 -1.1
	S.D. = 0.5	on	24	of	24 obs.

* NOV 09, 1992 14h 15m 27.45s					
	34.148 N		116.420 W		
	DEPTH = 1.3km				
	SOUTHERN CALIFORNIA		(43)		
	<PAS-P>. ML 3.0 (PAS). Felt.				
PEC	0.67	248	eP	15	40.13 -0.6
PLM	0.87	205	ePd	15	44.02 -0.9
			eS	15	55.06
SSK	1.06	274	eP	15	47.22 -1.1
			eS	16	00.17
GSC	1.19	345	eP	15	49.56 -1.0
ISA	2.27	312	(Pn)	16	05.96 -0.7
			ePg	16	08.78
ABL	2.42	288	(Pn)	16	07.90 -1.1
ARUT	4.36	33	ePn	16	36.32 -0.2
MSU	5.54	37	(Pn)	16	53.46 0.1
	8 obs. associated				

? NOV 09, 1992 14h 59m 09.79±3.20s
 4.240 S ± 35.7km 154.395 E ± 26.2km
 DEPTH = 211.2 ± 18.2 km
 4.9mb (7 obs.)

					(193)
RAB	2.23	271	iPd-	59	51.00 -0.8
	0.5s	3718	.31nm		
			iS	00	19.00
HNR	7.55	133	eP	00	03.00 -55.1X
			eS	02	53.00
LAT	7.74	252	eP	00	59.00 -1.7
PMG	8.83	234	eP	01	16.20 1.5
			eS	02	50.00
WWKK	10.76	273	eP	01	41.80 2.1
QIS	21.68	220	eP	03	44.20 -0.3
	0.1s	7.00nm		5.1mb	
RMQ	22.77	193	iPd	03	56.40 1.3
	0.4s	25.00nm		5.2mb	
BRS	23.07	184	iPc	03	58.00 0.0
WB2	25.00	230	iPc	04	16.00 -0.1
	0.3s	30.60nm		5.4mb	
			i	04	54.60
			eS	08	12.80
ARMA	26.17	185	iPc	04	27.80 1.0
	0.9s	29.00nm		5.0mb	
ASPA	27.64	224	eP	04	38.90 -1.1
	0.4s	4.80nm		4.6mb	
			eS	08	25.90
CMS	28.28	196	iPd	04	44.90 -0.7
	1.0s	14.00nm		4.6mb	
STK	30.01	202	eP	05	00.00 -0.9
	0.5s	6.10nm		4.6mb	
BWA	30.54	190	eP	05	05.00 -0.6
CAN	31.33	189	eP	05	13.10 0.7
WARB	34.38	228	eP	05	38.50 -0.3
	S.D. = 1.2	on	15	of	16 obs.

* NOV 09, 1992 15h 17m 38.13±1.15s
 17.795 N ± 10.0km 60.760 W ± 8.7km
 DEPTH = 33.0km (normol)
 4.5mb (1 obs.)
 LEEWARD ISLANDS (92)
 ML 4.2 (FDF). MD 4.0 (TRN).

CPB	1.03	262	eP	17	56.69 0.5
			eS	18	09.04
BPA	1.29	235	eP	17	58.59 -1.3
			eS	18	11.51
NEV	1.85	250	eP	18	08.57 0.5
			eS	18	28.99
PAG	1.96	207	eP	18	10.03 0.2
			S	18	33.60
FDF	3.07	187	ePd	18	25.27 -0.2
			S	18	58.50
MVM	3.22	182	iPd	18	27.92 0.3
BIM	3.27	185	ePd	18	28.53 0.2
			S	19	04.10
SVV	4.47	186	eP	18	45.62 0.2
SVB	4.52	186	eP	18	46.04 -0.1
SIV	33.57	181	P	24	23.00 5.5X
BCAO	78.48	89	iPc	29	38.00 -0.2
	1.1s	6.00nm		4.5mb	
		id	32	32.00	

S.D. = 0.6 on 10 of 11 obs.
 % NOV 09, 1992 16h 33m 11.75±0.94s
 44.326 N ± 8.4km 8.298 E ± 7.0km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.8 (GEN).

FIN	0.13	209	P	33	15.15 0.2
			S	33	17.67
PCP	0.28	39	P	33	17.53 -0.1
			S	33	21.98
ROB	0.31	264	P	33	18.03 -0.2
			S	33	22.61
ENR	0.64	261	P	33	24.21 -0.4
			S	33	33.13
STV	0.70	264	P	33	25.98 0.3
PZZ	0.88	282	P	33	28.60 -0.1
BHB	0.90	305	P	33	29.34 0.3
	S.D. = 0.3	on	7	of	7 obs.

% NOV 09, 1992 17h 28m 08.66±0.86s
 36.880 N ± 7.3km 4.187 W ± 3.8km
 DEPTH = 76.7 ± 10.8 km
 STRAIT OF GIBRALTAR (385)

MAL	0.24	230	iPnc	28	19.80 -0.5
			iSg	28	26.00
EGUA	0.50	95	iPgc	28	22.51 0.2
			eSg	28	30.60
ECOG	0.64	51	iPgc	28	24.02 0.3
			eSg	28	32.60
ELUQ	0.68	355	ePg	28	23.99 -0.1
			eSg	28	34.40
EPRU	0.84	276	iPgc	28	26.00 0.2
			eSg	28	37.90
EJIF	1.12	248	iPgc	28	29.75 0.5
			eSg	28	44.30
EHOR	1.27	318	ePn	28	30.84 -0.3
			eSn	28	45.60
EBAN	1.32	14	iPnc	28	31.90 0.0
			eSn	28	46.60
EHUE	1.58	53	ePn	28	36.00 0.7
			eSn	28	54.50
ENIJ	1.59	86	ePn	28	35.28 -0.2
			eSn	28	54.10
EVAL	2.16	290	ePn	28	42.66 -0.6
EVIA	2.21	37	ePn	28	43.73 -0.2
			eSn	29	07.60
ACU	3.41	60	ePn	29	00.43 -0.2
			eSn	29	38.40
EPLA	3.51	336	eP	29	02.66 0.7
			eS	29	40.30
ECHE	3.71	42	iPnc	29	04.38 -0.4
			eSn	29	44.20
GUD	3.76	0	iPnd	29	05.82 0.3
			eSn	29	45.90
ETOR	4.27	22	iPnd	29	12.40 -0.3
			eSn	29	58.80

S.D. = 0.4 on 17 of 17 obs.

* NOV 09, 1992 17h 52m 29.39±1.70s
 60.428 N ± 7.5km 4.645 E ± 13.4km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 ML 2.7 (NAO). MD 2.5 (BER). Felt
 (IV) on Sotra.

ASK	0.28	78	eP	52	37.00 1.8
EGD	0.33	118	eP	52	36.40 0.2
BER	0.34	97	eP	52	36.00 -0.5
			eS	52	38.40
HYA	1.06	45	iPc	52	47.90 -1.4
			eS	53	00.62
ODD1	1.12	117	eP	52	49.52 -0.9
			eS	53	02.36
FOO	1.19	9	eP	52	52.06 0.5
			eS	53	07.90
KMY	1.26	166	eP	52	52.97 0.2
			eS	53	08.43
NB2	3.28	76	P	53	19.10 -2.8X
	0.2s	19.80nm			
NRA0	3.42	82	Pn	53	20.92 -2.8X
			Pg	53	27.27
			Lg	54	10.24
HFS	4.52	90	eP	53	36.10 -3.2X
	0.2s	0.40nm			

09d 17h

S.D. = 1.3 on 7 of 10 obs.
 * NOV 09, 1992 18h 11m 41.92±1.05s
 6.468 N ±13.7km 72.415 W ±11.7km
 DEPTH = 33.0km (normal)
 NORTHERN COLOMBIA (99)

BMG	0.89	312	iPc	11	58.00	-0.1
BOG	2.46	222	eP	12	21.00	0.1
			eS	12	53.00	
SDV	2.98	36	iPnd	12	29.50	1.3
			iSn	13	07.20	
TOV	4.20	38	ePnd	12	44.30	-1.0
			eSn	13	34.40	
CEOS	4.78	58	iP	12	53.30	-0.3
			iS	13	43.70	

S.D. = 1.2 on 5 of 5 obs.
 ? NOV 09, 1992 18h 45m 59.71±1.61s
 32.658 S ±15.7km 70.215 W ±19.5km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

JACH	0.32	266	iPd	46	15.75	-0.2
			iS	46	28.21	
PEL	0.63	219	iP+	46	17.74	0.0
			iS	46	31.45	
FCH	0.67	185	iPd	46	18.48	0.0
			iS	46	32.57	
ROCH	0.74	245	iPd	46	19.13	0.2
			iS	46	33.76	
PCH	0.99	195	iP	46	21.19	0.0
			iS	46	37.86	
TACH	1.16	211	iPd	46	23.06	0.1
			iS	46	40.73	
MDZ	1.17	101	eP	46	39.90	16.8X
CHCH	1.32	196	iP	46	25.05	0.2
			iS	46	44.64	
LCCH	1.40	234	iPd	46	25.85	0.2
			iS	46	45.65	
LNV	1.64	217	iP	46	28.04	-0.5
			iS	46	49.74	

S.D. = 0.3 on 9 of 10 obs.
 ? NOV 09, 1992 18h 47m 16.06±7.94s
 17.767 N ±51.1km 60.895 W ±48.4km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 4.0 (FDF). MD 3.5 (TRN).

CPB	0.90	262	eP	47	33.67	1.4
			eS	47	47.25	
BPA	1.17	232	eP	47	35.64	-0.5
			S	47	47.40	
DEG	1.45	186	eP	47	40.30	0.0
			S	47	56.80	
SEG	1.48	203	eP	47	40.30	-0.3
SFG	1.53	191	eP	47	40.90	-0.5
MGH	1.64	231	eP	47	43.32	0.4
NEV	1.72	249	eP	47	45.48	1.4
			eS	48	05.53	
SKI	1.81	256	eP	47	42.81	-2.7
			eS	48	01.67	
MGG	1.88	192	eP	47	47.02	0.5
PAG	1.88	204	eP	47	46.84	0.3
			S	48	09.00	

S.D. = 1.3 on 10 of 10 obs.
 ? NOV 09, 1992 18h 51m 35.02±4.41s
 17.579 N ±28.1km 61.012 W ±29.4km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 3.4 (FDF). MD 3.1 (TRN).

CPB	0.78	275	eP	51	49.55	0.0
			eS	52	00.39	
BPA	0.97	237	eP	51	51.22	-1.1
			eS	52	04.83	
DEG	1.26	182	eP	51	55.82	-0.6
			S	52	12.50	
MGH	1.43	234	eP	51	58.80	-0.2
			eS	52	17.04	
NEV	1.55	254	eP	52	01.30	0.6
			eS	52	21.22	
DOG	1.64	201	eP	52	02.39	0.4
PAG	1.67	203	eP	52	03.16	0.7

S 52 25.80
 MGG 1.68 190 eP 52 02.60 0.1
 S.D. = 0.7 on 8 of 8 obs.
 ? NOV 09, 1992 18h 54m 13.26±4.99s
 31.494 S ±33.4km 179.034 W ±57.0km
 DEPTH = 449.6 ±19.4 km
 3.0mb (1 obs.)
 KERMADEC ISLANDS REGION (177)

HBZ	6.47	199	eP	55	55.00	1.6
WCZ	7.08	229	P	56	00.10	0.3
URZ	7.46	204	eP	56	01.50	-2.4
			eS	57	27.00	
NOZ	7.50	198	eP	56	03.60	-0.8
WLZ	7.75	213	eP	56	07.60	0.5
WHH	8.23	205	eP	56	12.80	0.3
MOH	8.23	201	eP	56	14.00	1.5
WAHZ	9.01	203	eP	56	20.20	-0.9
PGZ	9.86	201	eP	56	31.30	0.8
MNG	10.13	204	eP	56	31.20	-2.2
			eS	58	20.80	
KIW	10.55	206	eP	56	38.40	0.3
AMW	10.65	202	eP	56	40.10	0.9
CAW	10.71	205	eP	56	38.90	-0.9
DIW	10.89	210	eP	56	41.10	-0.7
MRW	10.95	206	eP	56	42.50	0.1
			eS	58	37.60	
TCW	11.09	207	eP	56	43.80	-0.2
			eS	58	42.00	
ORZ	11.54	214	eP	56	49.10	0.3
THZ	12.12	210	eP	56	56.00	0.9
			eS	59	03.70	
KHZ	12.41	206	eP	56	59.20	1.0
DSZ	12.60	213	eP	57	00.80	0.5
LTZ	13.22	209	eP	57	06.40	-0.6
WRA	43.26	274	P	01	34.80	-0.2
			0.7s	0.40nm	3.0mb	
KAF	145.27	339	ePKP	13	10.40	11.2X
			0.6s	4.20nm		
NUR	147.02	339	ePKP	13	16.10	14.1X
			0.4s	2.20nm		

S.D. = 1.1 on 22 of 24 obs.
 & NOV 09, 1992 18h 55m 18.53s
 34.218 N 116.446 W
 DEPTH = 3.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.2 (PAS), 2.9 (GS).
 Felt (III) at Yucca Valley. Also
 felt at Joshua Tree.

PEC	0.68	241	iPd	55	31.15	-0.9
PLM	0.93	202	iPd	55	35.91	-1.1
			eS	55	47.59	
SSK	1.03	270	eP	55	37.75	-1.1
			eS	55	51.58	
GSC	1.12	345	iPd	55	39.35	-0.9
			S	55	55.80	
GLA	1.78	130	eP	55	48.23	-2.2
ISA	2.20	311	ePn	55	56.47	-0.1
ABL	2.38	286	eP	55	57.44	-1.8
MTUM	3.57	332	eP	56	24.79	8.7
MRCM	3.83	335	ePg	56	31.18	11.3
MMPM	3.98	329	ePg	56	32.14	10.0
MEMM	3.99	330	ePg	56	32.63	10.7
ARUT	4.32	34	(P)	56	26.64	-0.1
MSU	5.50	38	(P)	56	50.15	6.6

13 obs. associated
 ? NOV 09, 1992 20h 14m 40.31±6.18s
 15.705 N ±14.2km 62.890 W ±58.6km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 3.5 (FDF).

MGH	1.20	33	eP	15	07.20	6.4X
			S	15	27.20	
MGG	1.53	82	eP	15	05.85	0.3
BPA	1.66	36	eP	15	07.50	-0.1
			S	15	28.00	
FDF	1.94	120	iPc	15	12.37	0.8
			S	15	37.80	
BIM	2.12	124	iPc	15	14.78	0.7
CRM	2.13	116	iPc	15	13.27	-1.0
MVM	2.24	120	iPd	15	15.18	-0.7
			S	15	43.30	

S.D. = 0.9 on 6 of 7 obs.
 * NOV 09, 1992 20h 48m 28.12±0.50s
 16.247 S ±11.8km 178.257 E ±14.7km
 DEPTH = 33.0km (normal)
 4.0mb (3 obs.)
 FIJI ISLANDS (182)
 ML 4.5 (SVA).

SVA	1.87	174	ePd	48	58.10	-0.2
			eS	49	24.50	
WRA	41.82	258	P	56	17.50	0.8
			0.9s	0.40nm	3.1mb	
ASPA	42.21	253	eP	56	19.40	-0.5
			1.5s	6.00nm	4.1mb	
ARUT	83.59	48	eP	00	55.35	0.6
MSU	84.80	48	eP	01	01.47	0.5
FBA	84.93	14	eP	00	59.16	-1.6
			1.0s	5.88nm	4.7mb	
HVU	85.80	44	eP	01	06.15	0.4
SRU	86.22	48	eP	01	08.14	0.2
LRM	87.78	41	eP	01	14.90	-0.5
GRF	145.02	345	ePKP	08	03.00	-0.6
GEC2	145.12	342	ePKPc	08	03.10	-0.8
			0.8s	1.63nm		
			e	08	12.20	
CDF	147.08	349	ePKP	08	09.00	1.8
			0.9s	5.10nm		
SSF	148.97	353	ePKP	08	14.10	4.0X
			1.0s	12.20nm		
LBF	148.99	352	ePKP	08	13.50	3.3X
			0.9s	5.90nm		
BGF	149.54	354	ePKP	08	14.70	3.7X
			0.9s	10.15nm		
MAF	149.90	354	ePKP	08	16.60	5.0X
			1.0s	6.80nm		
LPL	149.97	348	ePKP	08	17.50	5.5X
			0.9s	5.10nm		
LPG	149.98	348	ePKP	08	17.00	4.9X
			1.3s	13.00nm		
LFF	151.32	356	ePKP	08	19.80	6.1X
			0.9s	9.65nm		
LPO	151.55	356	ePKP	08	20.50	6.4X
			0.9s	11.30nm		

S.D. = 1.0 on 12 of 20 obs.
 * NOV 09, 1992 20h 58m 05.62±2.80s
 32.216 S ±15.4km 71.779 W ±21.1km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

ROCH	0.99	140	iPd	58	23.26	-0.2
			iS	58	32.84	
JACH	1.11	115	iPd	58	25.41	0.5
			iS	58	37.40	
LCCH	1.27	172	iPd	58	27.72	0.6
			iS	58	40.67	
PEL	1.31	135	iP+	58	27.88	0.1
			iS	58	41.70	
TACH	1.60	154	iP	58	32.09	0.1
			iS	58	48.18	
FCH	1.67	132	iPd	58	33.31	0.0
			iS	58	50.92	
PCH	1.76	143	iP	58	34.21	-0.1
			iS	58</		

0.3s 5.80nm 4.7mb
 BJI 37.43 347 eP 42 02.00 0.0
 GUN 45.66 306 P 43 10.00 0.0
 S.D. = 0.9 on 7 of 7 obs.

* NOV 09, 1992 21h 50m 40.03±1.74s
 5.803 N ± 9.0km 127.508 E ± 23.3km
 DEPTH = 64.9 ± 11.6 km
 4.4mb (2 obs.)

PHILIPPINE ISLANDS REGION (248)

BIP 2.71 333 ePd 51 21.50 -0.6
 CGP 3.84 313 ePc 51 39.00 1.0
 MNI 5.08 212 eP 51 55.00 -0.5
 PLP 5.88 335 ePd 52 11.70 5.0X
 WB2 26.46 165 eP 56 13.50 0.5
 0.7s 3.50nm 4.0mb
 LZH 37.15 327 eP 57 45.90 -0.7
 1.5s 22.00nm 4.9mb
 Z 20s 0.30um 4.1MsZ
 GUN 45.18 304 P 58 52.80 -0.1
 PKI 45.45 303 P 58 55.90 0.9
 KKN 45.63 304 P 58 56.16 -0.1
 DMN 45.71 303 P 58 56.78 -0.2
 GKN 46.24 304 P 59 00.62 -0.4
 S.D. = 0.8 on 10 of 11 obs.

NOV 09, 1992 21h 58m 05.24±1.16s
 39.931 N ± 8.9km 24.017 E ± 7.9km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 ML 2.5 (THE).

PAIG 0.26 269 ePg 58 10.34 -0.4
 SOH 1.02 331 ePg 58 23.96 -0.7
 THE 1.07 311 ePg 58 24.68 -0.6
 LIT 1.18 279 ePbd 58 27.60 0.2
 SRS 1.23 345 ePb 58 27.02 -1.1
 KNT 1.50 326 ePb 58 32.44 0.3
 AGG 1.59 236 ePb 58 33.20 -0.3
 GRG 1.60 310 ePb 58 34.28 0.6
 VAY 1.77 322 ePn 58 38.00 1.9
 ALN 1.82 57 iPb 58 36.88 0.0
 S.D. = 0.9 on 10 of 10 obs.

* NOV 09, 1992 23h 28m 29.42±0.84s
 40.807 N ± 7.0km 22.866 E ± 6.4km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.19 157 iPg 28 33.61 0.0
 KNT 0.36 4 iPg 28 36.76 0.0
 SOH 0.37 88 iPg 28 37.17 0.1
 GRG 0.38 293 iPg 28 37.29 0.0
 SRS 0.63 60 ePg 28 42.00 -0.1
 S.D. = 0.1 on 5 of 5 obs.

* NOV 09, 1992 23h 58m 07.46±2.35s
 34.259 S ± 23.5km 70.282 W ± 22.1km
 DEPTH = 120.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

CHCH 0.45 316 iPd 58 25.38 0.0
 PCH 0.66 343 iPd 58 26.91 0.0
 TACH 0.81 318 iPd 58 28.01 0.0
 FCH 0.93 360 iP 58 29.23 -0.2
 LNV 0.98 288 iPd 58 29.63 0.1
 IS 58 47.48

PEL 1.16 343 iP 58 32.25 0.7
 LCCH 1.33 306 iPd 58 33.24 0.0
 ROCH 1.42 334 iPd 58 34.08 -0.5
 RFA 1.58 109 ePc 59 33.80 57.5X
 JACH 1.59 351 iP 58 36.51 0.0
 IS 58 58.53
 S.D. = 0.4 on 9 of 10 obs.

* NOV 10, 1992 00h 36m 25.08±0.75s
 32.964 S ± 9.9km 70.894 W ± 10.9km
 DEPTH = 70.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.3 (SAN).

ROCH 0.10 265 iPd 36 35.72 -0.2
 PEL 0.25 136 iP 36 36.28 0.1
 JACH 0.38 42 iPd 36 37.06 -0.1
 FCH 0.62 126 iP+ 36 39.83 0.1
 TACH 0.69 183 iP 36 40.10 0.0
 LCCH 0.76 228 iP+ 36 41.30 0.4
 CHCH 0.99 168 eP 36 43.67 -0.1
 LNV 1.08 203 eP 36 44.45 -0.4
 IS 36 58.38
 S.D. = 0.3 on 8 of 8 obs.

* NOV 10, 1992 00h 36m 44.63±1.26s
 5.123 S ± 22.5km 150.421 E ± 15.7km
 DEPTH = 153.3 ± 16.0 km
 4.6mb (3 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.97 62 e(P) 37 20.00 0.0
 PMG 5.35 217 eP 38 03.40 -0.1
 RMO 21.31 184 iPc 41 20.90 0.5
 DZM 22.90 139 iPc 41 35.80 -0.2
 KNA 23.74 242 eP 41 47.10 3.0X
 ASPA 24.36 219 iPc 41 51.30 1.3
 0.8s 15.50nm 4.6mb
 WARB 30.91 225 eP 42 47.00 -2.0
 MBL 33.68 239 eP 43 12.60 -0.5
 0.5s 16.00nm 5.0mb
 MEEK 37.14 231 eP 43 41.50 -0.8
 NANU 37.90 239 eP 43 50.50 1.8
 GEC2 123.07 327 ePKP 55 28.00 3.5X
 0.6s 0.47nm
 S.D. = 1.4 on 9 of 11 obs.

* NOV 10, 1992 00h 53m 09.95±1.57s
 16.879 N ± 15.6km 99.959 W ± 12.1km
 DEPTH = 29.7 ± 6.4 km
 4.1mb (9 obs.)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 0.10 96 iP 53 14.00 -1.3
 III 1.56 17 iP 53 37.00 0.8
 TPM 2.26 22 (P) 53 45.50 -0.7
 PPM 2.52 30 iP 53 50.00 -0.2
 UNM 2.55 17 (P) 53 53.00 2.6
 IIT 2.65 36 eP 53 50.00 -1.8
 MRX 3.04 338 eP 53 55.50 -1.7
 OXX 3.10 86 eP 53 59.50 1.3
 IISM 3.23 49 iP 54 00.50 0.7
 CGX 4.35 311 (P) 54 20.50 4.5X
 UYO 17.91 15 iPc 54 20.70 2.2
 MIAR 18.50 17 (P) 57 23.01 -2.8
 1.4s 18.03nm 4.1mb
 ALO 18.90 343 eP 57 29.81 -1.2
 1.1s 6.76nm 3.8mb
 TUL 19.31 10 e(P) 57 34.30 -1.3
 1.0s 37.00nm 4.6mb

Z 14s 0.28um 4.5MsZ
 LNO 19.32 10 e(P) 57 34.10 -1.4
 OLY 20.03 21 eP 57 40.73 -2.7
 FVM 22.63 20 eP 58 10.09 0.4
 0.5s 7.88nm 4.4mb
 PV10 22.85 341 eP 58 12.00 -0.2
 PEC 22.93 321 eP 58 13.70 1.0
 1.0s 4.52nm 3.9mb
 GOL 23.22 349 eP 58 15.59 -0.2
 0.8s 4.13nm 4.0mb
 ARUT 23.97 333 eP 58 24.23 1.3
 SRU 24.00 339 eP 58 23.53 0.3
 MSU 24.07 336 eP 58 24.74 0.8
 DAU 25.41 340 eP 58 36.95 0.0
 DUG 25.77 337 eP 58 40.49 0.4
 0.8s 3.54nm 4.0mb
 BONR 26.47 326 eP 58 48.00 1.3
 BW06 27.08 344 eP 58 52.00 -0.2
 1.0s 3.33nm 3.9mb
 LRM 30.69 343 eP 59 24.60 0.0
 YKA 46.71 351 eP 01 35.70 -2.0
 0.8s 3.30nm 4.4mb
 S.D. = 1.5 on 28 of 29 obs.

NOV 10, 1992 01h 17m 17.25±0.21s
 45.636 N ± 2.6km 26.465 E ± 2.7km
 DEPTH = 152.3 ± 3.4 km
 4.4mb (20 obs.)
 ROMANIA (358)

VRI 0.30 38 iPc 17 38.00 0.4
 MLR 0.39 249 iPc 17 38.50 0.3
 ISR 0.50 174 iPc 17 39.50 0.3
 BIR 1.03 52 iP 17 43.00 0.3
 MTUR 1.07 248 iPc 17 43.50 0.3
 CLI 1.08 32 iPc 17 43.10 -0.1
 BUC 1.25 192 eP 17 49.00 4.3X
 CFR 1.27 110 iPd 17 44.90 0.0
 BUC1 1.33 194 iPc 17 45.60 0.1
 IAS 1.73 26 iP 17 49.50 -0.3
 DRA 1.83 239 iPc 17 52.00 1.1
 KIS 2.16 49 iPc+ 17 54.00 -0.8
 IS 18 20.00
 PSN 2.31 147 iPd 17 58.00 1.5
 DEV 2.51 277 iPd 18 00.00 1.0
 PVL 2.55 199 iPd 18 01.00 1.5
 GZR 2.60 266 iPd 17 00.00 -60.3X
 BMR 2.89 316 ePc 18 05.00 1.2
 JMB 3.17 178 iPc 18 07.00 -0.4
 CEI 3.44 308 eP 18 43.00 32.2X
 PGB 3.50 209 iPd 18 12.00 0.2
 DIM 3.65 191 iPd 18 13.00 -0.6
 PLD 3.75 200 iPd 18 14.00 -1.0
 VTS 3.84 219 iPd 18 16.00 -0.3
 DMK 3.93 166 iPn 18 17.30 0.0
 UZH 4.13 318 iPd 18 19.50 -0.4
 1.0s 510.00nm

RZN 4.15 198 iPd 18 20.00 -0.3
 MMB 4.51 207 iPd 18 26.00 1.0
 ALN 4.75 184 ePn 18 27.58 -0.5
 eSn 19 07.98
 ITU 4.89 157 ePn 18 30.00 -0.1
 ISK 4.94 157 iP 18 29.70 -1.0
 SRS 4.98 206 ePn 18 31.14 -0.1
 eSn 19 12.94
 PSZ 5.06 299 eP 18 30.90 -1.5
 VAY 5.16 215 iPnd 18 33.60 0.0
 iSg 19 18.70
 SKO 5.16 227 iPn 18 33.90 0.3
 i 19 16.00
 i(Sn) 19 26.70
 KNT 5.17 211 ePn 18 33.94 0.2
 eSn 19 17.42
 GBZT 5.31 155 iPd 18 36.00 0.4
 SOH 5.32 206 ePn 18 35.74 -0.1
 eSn 19 20.74
 BNT 5.38 168 iP 18 35.00 -1.6
 EDC 5.38 169 iP 18 36.00 -0.6
 BUD 5.45 292 ePn 18 31.50 -6.0X
 IVA 5.47 242 iPnc 18 38.93 1.1
 iSn 19 21.73
 SPC 5.52 312 iPd 18 38.10 -0.5
 GRG 5.54 214 ePn 18 38.06 -0.6
 eSn 19 26.34

10d 01h

PLE	5.56	248	iPnc	18	40.10	1.0	LIC	47.81	225	P	25	40.10	-0.9	ABL	24.81	320	eP	18	46.47	0.5			
			iSn	19	23.16			0.6s	7.00nm				4.5mb	DAU	25.37	340	eP	18	52.08	0.8			
KCT	5.56	165	iP	18	37.70	-1.3	GKN	48.70	90	P	25	48.40	0.4	DUG	25.73	337	eP	18	54.96	0.5			
PVY	5.57	239	iPnd	18	40.18	0.9	DMN	49.27	90	P	25	53.06	0.5		0.8s	4.25nm			4.1mb				
			iSn	19	24.69			0.4s	33.00nm				5.4mb	CEH	26.44	40	eP	19	01.02	0.1			
THE	5.62	208	ePn	18	38.94	-0.8	KKN	49.28	90	P	25	52.72	0.1		1.0s	51.46nm			5.1mb				
			eSn	19	25.14		ZAK	49.47	55	eP	25	54.30	0.9	BLA	26.54	37	eP	19	01.85	0.0			
KKS	5.64	233	ePn	18	41.00	1.0		0.8s	6.00nm				4.4mb		1.1s	27.17nm			4.8mb				
BCI	5.65	237	ePn	18	39.00	-1.2	PKI	49.51	90	P	25	54.42	0.0	BW06	27.03	344	eP	19	05.50	-1.1			
EYL	5.74	151	eP	18	42.00	0.5	GUN	49.63	90	P	25	55.68	0.3		1.0s	7.00nm			4.2mb				
EZN	5.81	181	iP	18	40.80	-1.5		0.4s	34.00nm				5.5mb X	HVU	27.11	339	eP	19	07.38	0.2			
PHP	5.89	230	iPnd	18	43.00	-0.4	BOD	51.90	43	eP	26	10.30	-1.4	JFWS	27.18	16	eP	19	08.37	0.8			
			iSn	19	45.00			1.2s	10.00nm				4.4mb		0.8s	15.46nm			4.7mb				
NKY	6.06	245	iPnc	18	46.93	1.1	GBA	53.41	110	P	26	22.00	-1.2	LRM	30.64	343	eP	19	39.30	0.4			
			iSn	19	36.16		KOD	55.92	113	eP	26	41.80	-0.1	ULM	33.39	5	eP	20	05.00	2.4			
PAIG	6.06	201	ePn	18	44.66	-1.0	LZH	57.18	70	Pc	26	51.00	0.6	VGB	33.40	333	eP	20	02.51	-0.3			
TTG	6.10	241	iPnc	18	47.09	0.9		1.0s	27.00nm				5.1mb	NEW	34.27	339	eP	20	11.30	1.0			
			iSn	19	37.63		CHG	64.63	89	ePc	27	40.60	0.0		0.9s	6.58nm			4.6mb				
DST	6.23	164	iP	18	47.20	-0.9		0.8s	13.62nm				4.9mb	EEO	34.30	26	eP	20	11.50	1.0			
LIT	6.25	209	ePn	18	47.46	-0.9	YKA	67.81	342	eP	27	58.60	-1.5	SES	34.55	347	eP	20	12.00	-0.7			
BRY	6.31	247	iPnc	18	50.10	0.9		0.8s	2.20nm				4.0mb	RSNY	34.85	32	(P)	20	17.12	1.8			
			iSn	19	41.36		IMA	68.63	0	ePc	28	06.19	0.9		1.2s	12.29nm			4.7mb				
ULC	6.38	237	iPnd	18	51.80	1.8		0.5s	1.86nm				4.2mb	RMW	35.37	334	(P)	20	19.23	-0.6			
			iSn	19	44.61		NEW	81.21	336	eP	29	18.20	1.3	GMW	35.86	333	eP	20	23.17	-0.6			
OJC	6.41	318	eP	18	48.70	-1.7		0.6s	4.33nm				4.4mb	LMN	41.04	38	eP	21	10.50	3.5X			
TIR	6.43	231	ePn	18	52.50	1.8	S.D. = 1.1 on 97 of 111 obs.										JAQ	41.33	22	eP	21	08.50	-0.8
BDV	6.45	241	iPnd	18	52.88	1.9								ZOBO	45.53	135	eP	21	43.00	-1.5			
			iSn	19	45.59		NOV 10, 1992 02h 13m 24.88±0.75s										Z	20s	0.29um		4.2msz		
BZK	6.58	121	iP	18	51.00	-1.6	16.936 N ± 6.2km 99.931 W ± 6.8km											LR	37	48.00			
ZST	6.90	295	eP	18	55.30	-1.8	DEPTH = 30.8 ± 4.1 km										LPB	45.72	135	(P)	21	47.00	1.2
ALT	7.11	156	iP	19	00.70	0.8	4.6mb (17 obs.) 4.2msz (1 obs.)										CNCB	46.00	135	eP	21	49.00	0.9
AGG	7.28	206	ePn	19	01.81	-0.4	NEAR COAST OF GUERRERO, MEXICO (58)											e	23	25.00			
			eSn	20	07.98		ACX	0.10	134	iP	13	29.50	-0.8	YKA	46.66	351	eP	21	49.20	-2.9			
VKA	7.43	294	iPc	19	03.70	-0.4									0.9s	8.80nm			4.7mb				
			i	19	17.80		III	1.50	17	iP	13	52.00	1.9	CCH	47.65	134	eP	21	59.00	-1.9			
VRAC	7.63	302	eP	19	06.20	-0.5								SIV	50.39	128	eP	22	23.00	1.3			
	1.3s	207.20nm			5.5mb X		TPM	2.20	22	(P)	14	00.00	-0.1	FBA	57.60	338	eP	23	14.00	0.0			
KHL	7.65	162	eP	19	07.00	-0.2									1.0s	12.00nm			4.9mb				
MNK	8.30	5	eP	19	18.00	2.3	PPM	2.46	30	iP	14	04.75	0.6	MBC	60.19	355	eP	23	31.50	-0.3			
KVT	8.33	120	eP	19	16.00	-0.2	UNM	2.49	16	eP	14	05.00	0.6		1.0s	6.00nm			4.7mb				
KSP	8.55	311	eP	19	16.60	-2.5								GBZT	105.82	38	ePKP	31	49.50	2.2X			
BCK	8.73	158	eP	19	22.20	0.7	IIT	2.59	36	(P)	14	03.50	-2.3	ADI	114.36	41	ePKP	32	22.20	18.4X			
PRU	9.13	303	Pd	19	25.50	-1.2	MRX	3.00	337	eP	14	13.00	1.6	WRA	128.61	258	PKP	32	31.50	0.1			
			e	19	31.70		OXX	3.07	87	eP	14	13.50	0.9		0.7s	0.50nm							
KHC	9.41	296	eP	19	30.50	0.0								HYB	145.83	3	ePKP	33	02.00	-1.1			
	1.1s	8.00nm			4.2mb		IISM	3.17	50	eP	14	14.00	0.2	GBA	149.54	5	PKP	33	22.00	13.1X			
			e	20	27.00		CGX	4.34	310	(P)	14	35.50	4.9X	S.D. = 1.2 on 60 of 70 obs.									
			e	21	49.50		AGX	5.40	336	(P)	15	00.00	14.6X	& NOV 10, 1992 02h 24m 47.56s									
BRG	9.85	307	e(P)	19	35.70	-0.5	TPX	7.65	104	(P)	16	05.00	47.9X	33.283 N 116.271 W									
CLL	10.58	307	e(P)	19	43.00	-2.8	UYO	17.85	15	iPd	17	32.00	-0.6	DEPTH = 1.2km									
OBN	11.46	31	eP	19	53.00	-4.2X	TUC	18.19	329	eP	17	36.21	-0.7	SOUTHERN CALIFORNIA (43)									
	0.6s	51.00nm			5.3mb			1.0s	9.39nm			3.9mb	<PAS>P>. ML 3.4 (PAS), 3.2 (GS).										
			eS	21	53.00		MIAR	18.44	17	eP	17	38.95	-0.9	Felt.									
MOS	12.33	31	eP	20	08.00	-0.5		0.9s	15.08nm			4.2mb	PLM	0.50	278	iPc	24	57.30	-0.2				
			e	22	14.00		OCO	18.64	6	iPd	17	35.40	-7.0X	PEC	0.96	310	iPd	25	05.21	-1.4			
LPG	13.81	276	eP	20	29.40	1.5	VVO	18.70	11	eP	17	43.90	0.8										
	0.7s	6.05nm			4.1mb		ALQ	18.86	343	eP	17	44.35	-0.9	GLA	1.23	100	eP	25	10.16	-1.2			
LPL	13.83	277	eP	20	29.40	1.4		0.8s	B.01nm			4.0mb	SSK	1.50	308	eP	25	14.62	-1.2				
	0.5s	3.65nm			4.0mb		SIO	19.01	9	eP	17	46.90	0.1										
WTS	14.41	303	ePc	20	17.00	-18.0X	TUL	19.25	10	eP	17	48.60	-1.1										
	0.7s	95.00nm						1.0s	132.70nm			5.1mb											
NUR	14.94	357	iP	20	36.70	-4.9X		Z	18s			4.6msz											
	0.6s	16.80nm			4.6mb																		
UPP	15.20	343	iP	20	41.40	-3.4X																	
			i	20	55.00																		
HFS	16.39	337	eP	20	55.90	-3.7X	LNO	19.26	10	eP	17	48.00	-1.6	ABL	2.91	303	ePn	25	35.20	-0.8			
	0.4s	2.90nm			4.0mb		RLO	19.64	12	eP	17	49.70	-4.4X	ISA	2.99	323	ePn	25	35.99	-1.1			
KAF	16.51	360	eP	20	56.20	-4.8X	ACO	19.70	2	iPd	17	52.90	-1.8										
	0.4s</																						

KKS	0.72	64	ePg	27	25.00	5.4x
BDV	0.74	314	iPgc	27	19.06	-0.9
			iSg	27	31.51	
PVY	0.89	21	iPg _d	27	22.31	-0.2
			iSg	27	36.94	
NKY	1.12	339	iPgc	27	26.46	0.0
			iSg	27	44.57	
IVA	1.13	13	iPg _d	27	27.19	0.5
			iSg	27	45.39	
BRY	1.35	327	iPgc	27	30.92	0.5
			iSg	27	51.56	
PLE	1.57	356	iPnd	27	35.15	1.8
			iSn	27	59.01	

S.D. = 0.9 on 11 of 12 obs.

• NOV 10, 1992 04h 06m 57.20 ± 1.70s
3.504 N ± 10.6km 126.560 E ± 21.4km
DEPTH = 73.3 ± 20.5 km
4.8mb (7 obs.)

MNI	2.67	220	ePd	07	01.30	-37.5X
			eS	07	25.00	
TNE	2.80	164	iP	07	48.90	8.4X
			eS	08	18.00	
BIP	4.70	356	eP	08	07.50	0.3
			eS	08	59.00	
PLP	7.77	348	eP	08	49.80	-0.1
JAY	15.35	113	iPd	10	24.50	-6.5X
MTN	16.87	164	eP	10	47.00	-3.1X
KNA	19.25	174	eP	11	18.00	-0.7
WB2	24.53	162	iPc	12	10.70	-0.7
	0.8s	80.50nm				5.2mb

QIS	27.12	152	eP	12	35.00	-0.4
	0.2 s		3.00nm			4.5mb
ASPA	27.94	166	eS	12	42.30	-0.5
			eS	17	13.30	
WARB	29.51	180	eP	12	57.80	0.9
	0.4 s		14.00nm			5.0mb
BJI	37.57	347	eP	14	05.50	-0.6
	1.0 s		11.00nm			4.7mb
STK	37.98	159	iPc	14	10.10	0.4
	0.8 s		6.30nm			4.6mb
LZH	38.61	330	eP	14	15.00	-0.2
	1.2 s		20.00nm			4.9mb
Z	15 s		0.34um			4.3MsxZ
ARMA	41.37	146	eP	14	39.00	1.1
	1.0 s		10.00nm			4.6mb
GBA	49.51	285	P	15	43.00	0.3
S.D.	= 0.7	on	12 of 16 obs.			

* NOV 10, 1992 05h 04m 14.86± 1.28s
5.028 S ±16.4km 144.829 E ±16.2km
DEPTH = 146.4 ± 16.2 km
4.2mb (2 obs.)
NEW GUINEA, PAPUA NEW GUINEA (202)

MDG	0.97	103	eP	04	38.70	-0.6
MNDI	1.62	226	eP	04	45.50	-0.5
YYYY	1.66	137	eP	04	46.80	0.5
WWKK	1.84	319	iPd	04	48.40	0.1
LAT	2.70	127	eP	05	02.40	3.5X
JAY	4.81	301	iPd	05	27.00	0.4
			e	06	26.00	
PMG	4.93	152	eP	05	28.60	0.5
			eS	06	22.00	
WB2	18.00	214	iPc	08	19.00	1.8
	0.5s	8.00nm				4.3mb
ASPA	21.32	209	eP	08	49.20	-2.1
	0.4s	2.60nm				4.0mb
S.D. = 1.5 on 8 of 9 obs.						

* NOV 10, 1992 05h 28m 44.80± 2.31s
11.229 N ± 8.6km 62.066 W ± 26.4km
DEPTH = 33.0km (normal)
WINDWARD ISLANDS (95)
MD 3.2 (TRN).

* NOV 10, 1992 02h 32m 41.04± 1.70s
17.015 N ±11.2km 100.009 W ±16.0km
DEPTH = 10.0km (geophysicist)
GUERRERO, MEXICO (59)

ACX	0.20	135	iP	32	46.00	0.5
			iS	32	50.00	
III	1.45	21	iP	33	08.75	1.3
			iS	33	31.50	
TPM	2.15	25	(P)	33	10.50	-7.2X
PPM	2.43	33	iP	33	22.00	0.1
UNM	2.43	19	(P)	33	27.00	5.3X
			(S)	34	03.50	
IIT	2.57	39	(P)	33	28.00	4.4X
MRX	2.90	337	eP	33	27.50	-0.6
OXX	3.14	88	eP	33	31.00	-0.7
IISM	3.18	52	iP	33	31.50	-0.6
S.D.	= 1.0	on	6 of	9 obs.		

& NOV 10, 1992 03h 07m 40.90s
58.567 N 152.179 W
DEPTH = 15.3km
KODIAK ISLAND REGION (13)
<AEIC>. ML 2.9 (AEIC).

SYI	0.12	291	iP	07	44.47	-0.1
			eS	07	47.11	
CDD	0.85	296	iP	07	55.58	-1.2
			eS	08	07.84	
AUI	1.01	321	iP	07	58.00	-1.5
			eS	08	11.15	
AUE	1.01	323	eP	07	58.37	-1.1
AUP	1.02	322	iP	07	58.61	-1.2
AUH	1.03	321	eP	07	58.69	-1.3
			S	08	13.09	
AUL	1.04	322	eP	07	59.40	-0.7
AUW	1.05	321	iP	07	58.80	-1.4
HOM	1.13	14	eP	07	58.96	-2.6
			eS	08	14.79	

? NOV 10, 1992 03h 09m 20.94 \pm 2.75s
16.933 N \pm 18.8km 100.037 W \pm 21.5km
DEPTH = 26.3 \pm 10.9 km
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	0.18	110	iP	09 26.50	-0.1
			iS	09 30.50	
III	1.53	21	iP	09 48.50	1.5
			iS	10 09.50	
TPM	2.24	24	(P)	10 00.00	2.8X
			(S)	10 35.50	
PPM	2.51	32	eP	10 00.75	-0.6
			(S)	10 44.00	
UNM	2.52	19	(P)	10 05.50	4.2X
IIT	2.65	38	eP	10 05.50	2.4X
MRX	2.97	338	(P)	10 07.00	-0.3
OXX	3.17	87	eP	10 11.00	0.5
			(S)	10 49.00	
IISM	3.25	51	eP	10 10.50	-0.9
			(S)	10 45.00	
S.D. = 1.4 on 6 of 9 obs.					

• NOV 10, 1992 03h 13m 06.91± 1.02s
17.011 N ± 7.5km 99.875 W ± 12.1km
DEPTH = 10.0km (geophysicist)
GUERRERO, MEXICO (59)

ACX	0.14	173	i P	13	10.50	0.3
			i S	13	14.50	
III	1.41	16	i P	13	32.75	-0.1
			i S	13	52.00	
TPM	2.11	21	(P)	13	44.50	1.6
			(S)	14	17.50	
PPM	2.36	30	i P	13	46.50	-0.3
			(S)	14	30.00	
UNM	2.40	16	(P)	13	50.00	2.9X
IIT	2.49	36	i P	13	49.00	0.6
MRX	2.96	335	(P)	13	54.00	-0.7
OXX	3.02	88	i P	13	55.50	-0.3
IISM	3.09	50	i P	13	55.50	-1.0

S.D. = 1.0 on 8 of 9 obs.

NOV 10, 1992 03h 27m 05.41± 0.68s
41.768 N ± 6.4km 19.541 E ± 7.7km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.7 (TIR), 2.3 (TTG).

LACI	0.18	136	iPg _c	27	09.40	-0.1
			iSg	27	13.00	
ULC	0.29	312	iPg _d	27	11.10	-0.4
			iSg	27	16.22	
TIR	0.48	150	ePg	27	16.00	0.8
PHP	0.68	97	ePg	27	17.60	-1.3
TTG	0.69	343	iPg _d	27	18.47	-0.6
			iSg	27	30.36	

10d 05h

TBH 1.23 127 eP 29 04.92 -0.8
 eS 29 25.59
 BOT 1.32 93 eP 29 07.55 0.5
 eS 29 28.06
 S.D. = 0.7 on 6 of 6 obs.

% NOV 10, 1992 06h 50m 13.29±0.73s
 38.842 S ± 4.3km 175.251 E ± 5.2km
 DEPTH = 203.0 ± 8.4 km
 NORTH ISLAND, NEW ZEALAND (159)

CNZ	0.43	147	Pd	50	40.50	-0.2
NGZ	0.43	141	P	50	40.40	-0.3
MOZ	0.49	314	P	50	40.70	0.0
			S	50	58.80	
PATZ	0.91	60	P	50	42.90	-0.3
WHH	0.97	93	P	50	42.60	-0.9
BSZ	0.99	194	P	50	43.90	0.4
WLZ	1.01	16	P	50	43.90	0.2
TAZ	1.16	59	P	50	44.50	-0.2
WAHZ	1.21	135	Pc	50	45.20	0.0
PAHZ	1.41	91	P	50	46.70	-0.1
TTH	1.41	120	P	50	47.40	0.7
MOH	1.51	102	P	50	47.90	0.3
URZ	1.57	69	P	50	47.10	-1.0
			S	51	09.30	
MNG	1.78	174	Pc	50	50.40	0.2
			S	51	14.00	
PGZ	1.94	156	Pc	50	51.90	0.2
KIW	2.04	187	P	50	52.80	0.1
KUZ	2.12	10	P	50	54.50	0.9
NOZ	2.19	85	P	50	54.20	-0.1
DIW	2.21	207	eP	50	54.70	0.1
CAW	2.27	183	P	50	55.30	0.1
MTW	2.32	175	P	50	55.60	-0.2
MRW	2.42	190	P	50	57.00	0.2
			S	51	26.70	
WEL	2.47	188	P	50	57.50	0.1
			eS	51	28.10	
TCW	2.48	197	P	50	57.90	0.4
AMW	2.50	171	P	50	57.60	0.0
BLW	2.53	176	P	50	58.10	0.0
MOW	2.58	180	P	50	58.50	-0.1
HBZ	2.70	64	P	51	00.40	0.4
ORZ	2.89	226	P	51	01.90	-0.2
			S	51	37.60	
CCW	3.01	195	P	51	04.60	1.0
THZ	3.43	211	eP	51	08.10	-0.6
			S	51	49.60	
KHZ	3.80	199	P	51	13.70	0.5
			S	51	56.00	
DSZ	3.92	221	P	51	14.20	-0.5
LTZ	4.54	209	eP	51	22.50	0.0
			S	52	12.00	
MOZ	5.24	201	P	51	30.00	-1.4
			S	52	26.70	
ODZ	7.08	207	eP	51	55.60	0.3
			eS	53	09.90	

S.D. = 0.5 on 36 of 36 obs.

& NOV 10, 1992 07h 05m 30.46s
 34.149 N 116.417 W
 DEPTH = 1.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.6 (GS).

PEC	0.67	248	iPc	05	43.07	-0.7
			eS	05	51.98	
PLM	0.88	205	iPd	05	46.94	-1.0
			eS	05	58.72	
SSK	1.06	274	iPc	05	50.27	-1.1
			eS	06	04.73	
GSC	1.19	345	iPc	05	52.72	-0.9
			eS	06	09.01	
GLA	1.72	129	ePn	05	59.24	-2.5
			iPg	06	02.66	
			eS	06	26.66	
ISA	2.27	312	ePn	06	10.69	1.0
			ePg	06	12.54	
			eS	06	42.59	
ABL	2.42	288	(Pn)	06	11.02	-1.0
ARUT	4.36	33	(Pn)	06	41.13	1.6
			ePg	06	52.02	

8 obs. associated

NOV 10, 1992 07h 06m 29.63±1.29s
 11.014 N ± 8.3km 62.090 W ± 10.0km

DEPTH = 112.3 ± 23.8 km
 WINDWARD ISLANDS (95)
 MD 3.6 (TRN).

TCE	0.46	134	eP	06	46.39	-0.3
			eS	06	56.74	
TRN	0.77	118	eP	06	48.83	-0.2
			eS	07	00.62	
TPP	0.93	138	eP	06	51.12	0.5
			eS	07	07.55	
TBH	1.13	118	eP	06	52.86	0.1
			eS	07	10.05	
GRW	1.21	20	eP	06	53.87	0.2
			eS	07	10.11	
PIG	1.23	83	eP	06	53.79	0.0
			eS	07	10.11	
BOT	1.36	83	eP	06	54.79	-0.4
			eS	07	12.14	
FCV	2.28	21	eP	07	06.01	-0.9
			eS	07	33.43	
SVB	2.39	20	eP	07	09.04	0.8
			eS	07	39.95	
SVV	2.44	20	eP	07	09.26	0.3
			eS	07	40.18	
GUAN	3.65	254	iPd	07	25.90	0.5
			iS	08	10.10	
OLLA	4.74	258	iPc	07	39.60	-0.6
			eS	08	35.10	

S.D. = 0.6 on 12 of 12 obs.

? NOV 10, 1992 07h 06m 53.93±3.94s
 43.060 N ± 13.7km 20.399 E ± 27.6km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.1 (TTG).

IVA	0.41	243	iPg	07	02.34	-0.1
			iSg	07	13.00	
PVY	0.56	214	iPg	07	04.24	-1.2
			iSg	07	16.42	
PLE	0.78	290	iPg	07	08.46	-0.8
			iSg	07	23.74	
TTG	1.05	233	iPg	07	13.97	0.3
			iSg	07	33.64	
NKY	1.06	257	iPg	07	14.30	0.4
			iSg	07	34.02	
BRY	1.37	264	iPnd	07	19.75	0.6
			iSn	07	43.37	
ULC	1.39	218	iPnd	07	19.72	0.4
			iSn	07	43.22	
BDV	1.39	237	iPnc	07	20.31	0.9
			iSn	07	44.20	

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

NOV 10, 1992 08h 13m 32.61±0.15s
 55.866 S ± 4.8km 26.979 W ± 4.8km
 DEPTH = 33.0km (normal)
 5.4mb (14 obs.) 5.1msz (19 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)
 CENTROID, MOMENT TENSOR (HRV)
 Dato Used: GDSN
 L.P.B.: 26S, 46C
 Centroid Location:
 Origin Time 08:13:35.2 0.4
 Lot 56.03S 0.04 Lon 26.79W 0.06
 Dep 28.9 2.5 Half-duration 1.3
 Moment Tensor: Scale 10**17 Nm
 Mrr=-1.36 0.04 Mtt=-0.47 0.06
 Mff=-0.90 0.05 Mrt=-0.04 0.12
 Mrrf=1.20 0.15 Mtf=0.91 0.05
 Principal Axes:
 T Vol=1.93 Plg=63 Azm=289
 N -0.01 20 154
 P -1.92 17 58
 Best Double Couple: Mo=1.9*10**17
 NP1: Strike=120 Dip=33 Slip= 51
 NP2: 344 65 112

AIA	20.28	227	eP	18	09.40	1.7
NVL	22.35	147	iPc+	18	28.40	-0.2
			1.8s 108.00nm			5.0mb
			e	18	35.00	
			e	18	52.00	
			ePP	19	08.00	
			ePPP	19	23.00	
			eS	22	34.00	
			eSS	23	32.00	

RFA	35.26	289	ePc	20	24.00	-2.0
TCA	35.95	297	iPc	20	31.10	-0.8
VAO	36.00	328	eP	20	33.20	0.9
			e	20	44.30	
MDZ	36.92	291	eP	20	38.90	-1.1
CFA	37.60	293	ePd	20	45.00	-0.7
PEL	37.69	289	iPd	20	45.20	-1.2
RTPR	37.75	296	ePc	20	46.10	-0.8
RTLL	37.94	293	iPd	20	47.60	-0.9
RTCB	37.98	292	iPc	20	48.50	-0.5
RTBS	38.19	291	ePc	20	50.90	0.4
CER	38.90	74	eP	20	56.00	-0.6
			0.5s 10.81nm			4.9mb
TLL	40.08	291	iPd	21	05.90	-0.7
MAW	40.23	144	iPc	21	08.00	0.9
			0.8s 46.00nm			5.3mb
			ePP	26	59.00	
SLA	41.87	302	ePd	21	21.30	0.1
BAO	43.26	330	Pd	21	33.50	0.9
			e	21	37.40	
			e	21	42.60	
			e	21	43.80	
			e	21	48.40	
			e	21	56.00	
			e	21	58.80	
			e	22	02.90	
			e	22	19.80	
			e	22	26.50	
			e	22	50.20	
			e	23	19.50	
			e	23	22.90	
			e	23	29.80	
			e	23	38.70	
			e	23	53.90	
			e	23	55.00	
PDCR	44.26	343	eP	21	40.60	0.1
			e	21	49.20	
			e	23	25.10	
BLF	45.94	77	eP	21	53.60	-0.4
WIN	46.41	63	e(P)	22	13.60	15.7X
CCH	48.50	306	P	22	14.80	0.4
SLR	49.73	76	iPc	22	18.00	-5.6X
			1.2s 50.00nm			5.4mb
CNCB	49.84	305	iPc	22	26.80	1.7
			S	27	37.90	
LPB	50.14	305	iPc	22	28.30	1.2
			1.0s 280.00nm			6.2mb
Z	24s	2.33um				5.1mszX
			S	27	33.00	
			LR	37	44.00	
ZOBO	50.37	305	iPc	22	28.20	-0.9
			S	27	38.00	
			LR	37	56.00	
JOZ	50.49	81	eP	22	29.50	0.3
BUL	54.40	72	iPc	23	13.10	14.4X
KRI	57.66	71	iPd	23	22.50	0.4
			iP	23	27.90	18kmX
LIC	64.48	24	P	24	07.70	-0.3
KIC	64.68	25	P	24	09.00	-0.3
TIC	64.89	24	P	24	10.20	-0.4
LWI	69.58	62	iPc	24	41.70	1.1
BCAO	70.70	49	iPc	24	46.00	-1.1
			0.3s 8.00nm			5.3mb
TPP	71.92	324	eP	24	55.74	1.4
GRW	73.71	325	eP	25	05.52	0.6
CAR	74.02	319	eP	25	07.00	0.3
SVB	74.62	325	eP	25	11.42	1.3
SVV	74.66	325	eP	25	11.00	0.7
PAG	77.35	326	eP	25	26.00	0.5
MGH	78.17	326	eP	25	30.68	0.7
BPA	78.36	326	eP	25	31.07	0.1
NEV	78.67	325	eP	25	33.47	0.8
CPB	78.91	326	eP	25	33.71	-0.2
MOZ	79.42	194	eP	25	32.80	-3.7X
LTZ	80.38	194	eP	25	41.20	-0.5
			1.1s 162.00nm			5.9mb
KHZ	80.55	195	eP	25	42.50	-0.1
THZ	81.29	195	eP	25	45.80	-0.8
DSZ	81.46	194	eP	25	45.40	-2.0
PGZ	81.87	198	eP	25	49.40	-0.1
ORZ	82.26	195	eP	25	49.60	-1.9
BSZ	82.90	197	eP	25	55.90	1.0
MOZ	84.18	197	eP	25	59.70	-1.7
STH	84.77	313	iPc	26	05.91	1.4
TOO	86.71	174	iPc	26	16.20	2.1
			0.8s 44.00nm			5.7mb
BFD	86.89	172	eP	26	15.80	0.9

MUN	0.4s	21.00nm	5.7mb	PKI	0.8s	34.20nm		DZM	0.4s	13.50nm	4.6mb
KLB	87.03	149 eP	26 16.30 0.6	KKN	124.81	91 PKP	32 29.72 -0.9	ASPA	22.55	138 iPc	55 28.00 -0.3
BAL	87.83	150 eP	26 20.00 0.5	WDC	124.91	91 PKP	32 29.60 -1.0		23.85	220 eP	55 41.50 0.7
ADE	88.46	149 eP	26 23.00 0.4		125.23	292 PKP	32 40.00 9.5X		0.5s	5.20nm	4.2mb
CAN	88.70	168 eP	26 25.20 1.4	Z 19s	0.19um			NB2	116.89	339 PKP	09 04.30 -5.8X
CNB	89.11	177 eP	26 24.00 -1.7	CHG	125.31	110 ePKP	32 31.10 -0.2		0.5s	7.10nm	
	89.13	177 eP	26 27.00 1.2	GUN	125.34	92 PKP	32 30.38 -1.2	S.D. = 0.8 on 6 of 7 obs.			
	1.2s	50.00nm	5.7mb	LBFM	125.44	293 ePKP	32 30.92 -0.3	-----			
COOL	89.41	153 eP	26 26.00 -1.1	LGPM	125.62	292 ePKP	32 31.43 -0.1	NOV	10, 1992	09h 58m	10.82± 0.11s
MRWA	89.56	148 eP	26 28.30 0.5	SES	126.68	307 ePKP	32 32.00 -1.1		51.492 N ± 3.0km	177.611 W ± 1.6km	
BWA	89.98	176 eP	26 30.10 0.3	KSH	128.36	74 ePKP	32 39.00 2.2X		DEPTH = 33.0km (normal)		
RIV	90.65	178 eP	26 24.50 -8.3X			SKS	39 46.00		5.8mb (140 obs.)	5.3Msz (56 obs.)	
STK	92.06	170 eP	26 39.40 0.1	SHW	129.05	297 ePKP	32 38.70 0.8		ANDREANOF ISLANDS, ALEUTIAN IS. (7)		
	0.6s	8.40nm	5.3mb	SDF	129.20	24 iPKP	32 37.00 -0.3		ML 5.8 (PMR). Ms 5.2 (BRK). Felt		
		iPP	30 20.30	LON	129.22	298 ePKP	32 38.13 0.0		(IV) on Adok. Complex event		
BRS	97.08	180 eP	27 03.00 0.6	RMW	129.71	298 ePKP	32 38.95 -0.1		observed on broadband		
RMQ	97.90	176 eP	27 06.00 -0.1	BMW	129.75	297 ePKP	32 39.92 0.8		displacement seismograms.		
	0.3s	4.00nm	5.4mb	FRU	130.01	70 ePKP	32 40.50 0.8		FAULT PLANE SOLUTION: P-Waves		
ASPA	99.13	162 iPKPd	27 11.40 -0.4		1.8s	50.00nm			NP1:Strike= 75 Dip=80 Slip= 90		
		iPP	31 17.50	HON	130.06	247 PKP	32 50.00 9.7X		NP2: 255 10 90		
		iSKKS	37 41.70		Z 21s	0.86um	5.4Msz		Principal Axes:		
CEH	101.59	319 Pd iff	27 30.00 7.7X	ARU	131.48	48 ePKP	32 39.00 -3.0X		P Plg=55 Azm=345		
	Z 21s	0.48um	5.0Msz		Z 20s	0.50um	5.2Msz		T 35 165		
WRA	102.85	162 Pd iff	27 28.90 0.6	DAG	132.47	3 ePKP	32 42.00 -1.3		Comment: The focal mechanism is		
	1.1s	1.00nm	4.4mb			1.0s	27.00nm		poorly controlled and		
WB2	102.85	162 ePd iff	27 24.20 -4.1X	SVE	132.60	48 iPKPd	32 45.00 0.9		corresponds to reverse		
	0.8s	1.90nm	4.9mb		2.3s	100.00nm			faulting. The preferred fault		
HRV	105.02	327 Pd iff	27 50.00 12.6X	BRVK	134.55	57 iPKPc	32 48.00 0.1		plane is NP2.		
	Z 20s	0.53um	5.1Msz		1.2s	20.00nm			RADIATED ENERGY		
MCWV	105.21	320 PKP	32 00.00 7.6X		Z 18s	0.53um	5.3Msz		No. of sta: 15 Focal mech. F		
	Z 20s	0.71um	5.2Msz	GYA	135.63	112 PKP	32 51.60 0.6		Energy 1.2±0.3*10 ¹³ Nm		
MIAR	106.34	308 PKP	32 00.00 5.3X	YKA	136.11	318 ePKP	32 43.70 -6.9X		CENTROID, MOMENT TENSOR (HRV)		
	Z 19s	0.22um	4.7Msz		1.0s	16.60nm			Data Used: GDSN		
RSNY	107.78	326 PKP	32 10.00 12.9X	LZH	141.52	100 ePKP	32 54.00 -7.6X		L.P.B.: 34S, 77C		
	Z 21s	0.55um	5.1Msz		2.0s	34.00nm			Centroid Location:		
FVM	107.88	312 PKP	32 10.00 12.5X	GTA	141.61	92 ePKP	32 56.50 -5.1X		Origin Time 09:58:14.2 0.2		
	Z 21s	1.64um	5.6Msz	XAN	142.78	107 PKP	33 00.40 -3.3X		Lot 51.34N 0.02 Lon 177.37W 0.03		
SLM	108.36	313 PKP	32 10.00 11.6X			pPKP	33 10.80		Dep 35.0 BDY Half-duration 1.7		
	Z 18s	0.60um	5.2Msz			sPKP	33 17.30		Moment Tensor: Scole 10±1.7 Nm		
LNO	108.48	307 e(PKP)	32 17.00 18.4X	MBC	143.86	336 ePKPd	33 02.30 -1.9		Mrr= 2.82 0.06 Mtt=-2.37 0.09		
GEC2	109.73	27 ePKP	32 00.30 -0.5		0.8s	34.00nm			Mff=-0.44 0.06 Mrt= 2.29 0.17		
	0.9s	1.19nm		NJ2	146.33	121 PKPc	33 11.00 1.3		Mrf= 1.83 0.17 Mtf=-1.36 0.09		
JFWS	111.97	315 PKP	32 10.00 4.9X	SSE	146.65	125 PKPc	33 11.90 1.7		Principal Axes:		
	Z 20s	0.69um	5.2Msz	TIY	147.42	107 PKPc	33 14.00 2.6X		T Vol= 4.06 Plg=67 Azm=312		
ALQ	112.73	299 PKP	32 20.00 13.0X		Z 20s	0.50um	5.3Msz		N 0.19 6 57		
	Z 19s	0.45um	5.1Msz	BTO	148.14	100 ePKP	33 12.00 -0.5		P -4.25 22 150		
TUC	112.82	294 PKP	32 20.00 12.9X	TIA	148.77	114 PKPd	33 13.60 0.1		Best Double Couple:Mo=4.2*10 ¹⁷		
	Z 21s	0.35um	4.9Msz	NRI	148.99	38 ePKPc	33 11.00 -1.7		NP1:Strike=252 Dip=23 Slip= 106		
GOL	115.98	303 PKP	32 20.00 6.7X			i	33 17.00		NP2: 54 68 83		
	Z 21s	0.43um	5.0Msz			e	33 21.00		ADK		
SRU	118.01	299 ePKP	32 16.41 -0.6			e	33 24.00		0.70 55 iPd 58 27.04 2.8		
		ePP	33 31.81	TOA	149.12	307 ePKP	33 18.90 5.6X		SMY		
GSC	118.28	292 ePKP	32 17.42 -0.1	HHC	149.17	102 PKP	33 14.00 -0.1		5.26 287 ePn 59 30.72 1.7		
MSU	118.37	297 ePKP	32 18.16 0.4	ZAK	150.20	79 iPKPd	33 15.50 0.4				
		ePP	33 32.93		1.3s	84.00nm			SDN		
RSSD	118.82	307 ePKP	32 17.66 -0.8	PMR	150.33	305 ePKP	33 14.48 -0.5		10.91 63 eP 00 46.46 -1.1		
	Z 21s	0.65um	5.2Msz			ePKPbc	33 19.99		0.9s 194.69nm 6.3mb		
DAU	119.37	299 ePKP	32 20.00 0.3	FBA	150.49	312 ePKP	33 20.05 4.9X				
		ePP	33 40.30	KDC	150.78	297 ePKP	33 21.51 5.8X		ANM		
ISA	119.43	291 ePKP	32 20.67 1.0	BJI	151.12	108 ePKP	33 21.00 4.2X		14.58 21 eP 01 42.90 6.6X		
	Z 21s	0.34um	4.9Msz	IRK	151.67	77 ePKPd	33 24.10 6.8X		PET		
DUG	119.97	298 ePKP	32 20.67 0.0		1.3s	60.00nm			14.61 285 eP 01 38.00 1.3		
		ePP	33 47.59	IMA	153.07	314 (PKP)	33 19.08 0.0				
HFS	120.07	22 ePKP	32 18.40 -1.6			ePKPbc	33 26.82		SVW		
	0.5s	1.80nm		SVW	153.25	303 ePKP	33 26.80 7.5X		15.47 43 eP 01 51.40 3.5X		
	Z 17s	308.00um	8.0MszX	TTA	153.75	307 ePKP	33 28.44 8.4X		KDC		
ULM	120.20	316 ePKP	32 22.00 1.5	CN2	158.67	113 ePKP	33 27.00 0.2		15.78 57 eP 01 49.75 -2.1X		
NB2	120.39	20 PKP	32 20.40 -0.3	BOD	158.87	68 ePKP	33 25.10 -1.5				
	0.8s	7.00nm			1.1s	22.00nm			TTA		
HVU	121.15	299 ePKP	32 23.29 0.4	TIK	161.16	24 ePKP	33 21.00 -7.6X		16.27 37 ePc 02 00.63 2.4		
OBN	122.12	37 ePKP	32 23.50 -0.5	MDJ	161.36	117 ePKP	33 29.00 -0.6				
	0.9s	22.00nm			S.D. = 0.9 on 117 of 153 obs.						
CMB	122.22	291 PKP	32 40.00 15.1X		* NOV 10, 1992 09h 50m 34.99± 1.13s						
	Z 22s	0.38um	5.0Msz		5.699 S ±22.5km 150.307 E ±16.6km						
ARN	122.32	290 ePKP	32 26.23 1.2		DEPTH = 92.9 ± 19.0 km						
COE	122.32	290 ePKP	32 26.09 1.1		4.4mb (2 obs.)						
NUR	123.00	28 ePKP	32 25.90 0.4		NEW BRITAIN REGION, P.N.G. (192)						
NTYM	123.69	290 ePKP	32 28.28 0.7								
ORV	123.93	292 ePKP	32 28.41 0.3	RAB	2.38	51 iPd	51 13.00 0.1		IMA		
LRM	124.01	303 ePKP	32 28.80 0.4		0.5s	2197.18nm			18.97 31 ePc 02 32.73 1.0		
DMN	124.67	91 PKP	32 29.50 -0.7	PMG	4.83	220 iPd	51 46.60 0.0				
	1.2s	53.00nm				eS	52 41.00		MID		
GKN	124.71	90 PKP	32 29.14 -1.0	RMQ	20.73	184 eP	55 10.40 0.3		19.28 53 P 02 38.30 3.1X		
KAF	124.79	27 ePKP	32 28.60 -0.4	WB2	21.00	226 iPc	55 12.20 -0.7		MGD		
									19.56 308 eP+ 02 40.00 1.5		
									Z 16s 4.80um 4.4Msz		
									N 16s 2.50um		
									E 16s 3.60um		
									TOA		
									20.01 46 eP 02 43.00 -0.2		
									FBA		
									20.40 37 eP 02 45.04 -2.2		
									BRW		
									22.00 18 eP 03 05.50 2.2		
									KUR		
									23.62 268 iPc+ 03 21.00 1.6		
									1.2s 1270.00nm 6.3mb		

FCC	45.34	47	eScP	12	03.02	
BW06	45.56	73	iPc	06	29.00	1.9
	1.2s	283		06	29.29	0.0
PAS	45.60	88	ePc	06	28.92	-0.5
GSC	45.70	86	iPc	06	30.59	0.3
			eScP	12	04.30	
SSK	45.85	88	eP	06	31.87	0.2
DAU	45.94	77	iPc	06	33.19	0.8
IRK	45.97	303	eP	06	31.30	-0.8
	1.5s	62	00nm			5.3mb
Z	18s	1.98	um			5.1MsZ
N	17s	1.10	um			
E	14s	2.32	um			
		e		08	09.00	
		e		08	22.00	
BJI	46.08	283	ePc	06	34.00	0.9
	1.2s	380	00nm			6.2mb
Z	24s	4.46	um			5.3MsZ
N	18s	2.42	um			
		eS		13	14.00	
		eS		13	36.00	
ARUT	46.21	81	iPc	06	34.62	0.2
			ePcP	08	08.50	
PEC	46.40	88	eP	06	35.22	-0.6
	0.8s	14.68	nm			5.0mb
			ePcP	08	09.84	
MSU	46.54	79	iPc	06	37.67	0.6
			ePP	06	44.64	23kmX
EMUT	46.57	77	iPc	06	37.83	0.5
PLM	46.94	88	iPc	06	40.27	0.0
SRU	47.18	78	iPc	06	42.25	0.2
ZAK	47.53	302	iPc+	06	44.00	-0.4
	1.3s	242	00nm			6.1mb
Z	21s	5.58	um			5.5MsZ
N	20s	2.16	um			
E	21s	8.35	um			
		e		08	15.00	
		e		08	38.00	
		ePPP		09	24.00	
		eS		13	40.00	
		eSS		16	34.00	
TIA	47.89	278	Pc	06	47.20	-0.2
	1.6s	440	00nm			6.2mb
Z	21s	3.21	um			5.3MsZ
N	19s	2.56	um			
		sP		07	07.00	
		S		13	35.00	
MOY	48.02	304	ePc	06	48.00	-0.2
	1.8s	168	00nm			5.8mb
RSSD	48.03	68	iPd	06	48.05	-0.7
	0.8s	109.48	nm			5.9mb
			ePcP	08	15.57	
HHC	48.37	287	iPc	06	52.40	1.1
	1.0s	610	00nm			6.6mb
Z	22s	4.78	um			5.4MsZ
N	18s	1.82	um			
E	20s	3.21	um			
		PcP		08	14.00	
GUA	48.39	232	eP	06	56.50	5.0X
	0.4s	94.92	nm			6.2mb
GLA	48.41	87	ePd	06	51.33	-0.3
PV10	48.54	77	iPd	06	54.00	1.2
SSE	48.74	270	iPd	06	54.50	0.4
	1.2s	260	00nm			6.1mb
Z	20s	1.80	um			5.1MsZ
		sP		07	13.50	
ULM	49.00	57	ePc	06	57.00	1.2
BTO	49.45	287	iPd	07	01.00	1.4
	1.2s	810	00nm			6.6mb
N	18s	2.43	um			
E	20s	4.24	um			
		PcP		08	23.00	
		PP		08	56.00	
		S		14	05.50	
		eSS		17	34.00	
NJ2	49.55	273	Pc	07	00.00	-0.3
	1.0s	67	00nm			5.6mb
TIY	49.81	283	iPd	07	03.40	1.1
	1.2s	500	00nm			6.4mb
Z	25s	4.28	um			5.4MsZ
N	17s	3.22	um			

[illegible]

10d 10h

OXX	1.5s	185.00nm				Z	20s	2.50um	5.5Msz	FEL	21s	0.28um	4.6Msz
VAH	71.18	86 (P)	09 29.00	0.4				i	10 23.50		80.90	356 P	10 22.29 -0.5
	71.40	149 iP	09 39.50	10.0X				e	20 04.00		80.91	308 iPc	10 25.00 1.7
RUV	1.5s	135.00nm				KIV	78.73	332 ePc	10 10.27 -0.9	MOF	80.95	357 P	10 21.76 -1.3
	71.44	149 iP	09 39.50	9.8X				e	10 21.94	SLE	80.98	356 iPd	10 23.50 0.4
CHG	1.5s	235.00nm		6.0mb		DOU	78.77	359 iPc	10 11.70 0.5	BSF	80.98	357 P	10 23.08 -0.2
	71.47	277 ePc	09 29.60	-0.5			0.8s	86.60nm	5.8mb	IPM	81.05	266 ePc	10 24.10 0.1
EDU	1.0s	63.25nm		5.6mb		UZH	78.81	347 eP	10 10.50 -0.9		0.9s	71.70nm	5.7mb
GUN	72.23	3 eP	09 33.80	-0.2			1.0s	50.00nm	5.5mb	CFR	81.16	342 ePc	10 24.00 0.0
	72.50	293 Pc	09 36.60	0.1		Z	22s	2.50um	5.5Msz	ZLA	81.27	356 iPd	10 25.40 0.7
EBH	0.5s	636.00nm		6.9mb X				e	10 25.50	MLR	81.28	343 ePc	10 25.00 0.1
	72.52	3 ePc	09 35.50	-0.2		VRAC	78.85	351 iP	10 12.30 0.7	WTTA	81.30	354 iPc	10 24.40 -0.6
EAB	1.1s	33.00nm		5.2mb			3.0s	929.30nm	6.3mb		0.8s	49.90nm	5.6mb
	72.54	4 ePc	09 35.20	-0.6		GRF	78.91	354 iPc	10 12.40 0.4	BBS	81.33	356 P	10 24.94 0.0
BDT	1.1s	47.00nm		5.4mb			1.2s	160.00nm	5.9mb	KBA	81.36	352 iPc	10 25.60 0.3
ESY	72.62	276 eP	09 35.00	-1.8		Z	22s	0.90um	5.1Msz		0.5s	65.60nm	5.9mb
MNK	1.0s	75.90nm		5.6mb		WLF	79.17	358 iPc	10 13.98 0.7	LOMF	81.46	357 P	10 25.89 0.2
	72.88	345 eP	09 36.00	-1.8		KIS	79.27	342 iPd+	10 14.00 0.1	ISR	81.51	343 ePc	10 26.00 0.0
AFR	Z	22s	2.80um	5.5Msz			1.2s	600.00nm	6.5mb	ERE	81.59	329 iP+	10 28.00 1.5
	72.92	152 iP	09 53.60	15.2X		Z	18s	3.50um	5.7Msz		1.5s	36.00nm	5.2mb
EAU	1.4s	135.00nm						e	10 24.00	LOR	81.61	359 eP	10 26.50 0.1
	72.92	3 ePc	09 38.40	0.3				e	13 12.00		0.9s	77.95nm	5.7mb
KKN	1.2s	60.00nm		5.5mb		MAIO	79.30	316 iPc	10 14.50 0.1	Z	19s	0.57um	5.0Msz
EBL	72.94	293 Pc	09 38.90	0.0			0.8s	18.30nm	5.1mb	KGM	81.62	263 eP	10 27.50 0.6
PKI	73.01	3 ePc	09 39.40	0.8				eS	20 24.00	COZ	81.72	345 ePc	10 28.00 0.8
NST	73.03	293 Pc	09 39.44	-0.1		KHC	79.30	353 P	10 14.50 0.3	OGA	81.74	354 iPc	10 28.30 1.0
GKN	73.10	274 eP	09 43.00	3.3X			1.5s	66.90nm	5.4mb	SSF	81.82	359 eP	10 27.70 0.2
DMN	73.14	294 Pc	09 39.90	-0.1		Z	20s	1.90um	5.4Msz		0.8s	69.85nm	5.7mb
TVO	73.17	293 Pc	09 40.34	0.0		N	24s	1.30um		LLS	81.86	355 iPd	10 28.80 0.9
	73.30	152 iP	09 57.50	16.8X		E	20s	1.60um		LBF	81.90	359 eP	10 27.80 -0.1
DZM	1.4s	120.00nm						e	10 35.50		0.9s	34.55nm	5.4mb
DMU	74.57	195 iPc	09 47.90	-0.2		ANN	79.37	336 eP	10 14.00 -0.5	GZR	81.90	346 iPd	10 28.00 0.0
KHT	74.69	6 iPd	09 48.00	-0.4			2.0s	150.00nm	5.6mb	OSS	81.97	355 iPd	10 29.50 1.0
DCN	75.22	6 iPd	09 51.20	-0.2		Z	20s	1.00um	5.2Msz	AVF	82.10	359 eP	10 29.00 0.1
DLF	75.32	6 iPd	09 52.50	0.6		N	21s	1.50um			1.0s	89.60nm	5.8mb
TPX	75.61	84 (P)	09 54.00	-0.2		E	21s	1.50um		VDL	82.21	355 iPd	10 31.10 1.3
ETA	75.93	5 eP	09 55.40	0.0		BAK	79.57	325 iPc	10 17.00 1.4	SMF	82.24	359 eP	10 29.80 0.2
WIT	76.01	357 eP	09 57.00	1.2			1.5s	4.50um	5.9Msz X	MFF	82.26	2 eP	10 30.10 0.3
ECB	76.23	6 eP	09 57.00	-0.1		Z	15s	10.64um			0.8s	97.25nm	5.9mb
ECP	76.44	6 eP	09 58.20	-0.1		N	20s	7.98um		PTJ	82.29	350 iPd	10 30.70 0.7
	0.8s	149.00nm		6.1mb		E	20s	eS	20 15.00	SGF	82.33	360 eP	10 30.30 0.2
NDI	76.77	299 iPc	10 00.20	-0.3		GEC2	79.58	352 eP	10 15.20 -0.5		1.0s	71.60nm	5.7mb
	0.7s	17.12nm		5.2mb			0.7s	9.27nm	4.9mb	VOY	82.35	352 ePd	10 30.00 -0.4
WTS	76.82	357 eP	10 00.00	-0.4				e	10 19.00	ZAG	82.37	350 eP	10 30.00 -0.3
	0.8s	37.00nm		5.5mb				e	10 32.50	KHK	82.47	247 eP	10 29.00 -2.2
CLL	77.18	353 eP	10 01.00	-1.4				ePKKP	28 59.10			e	12 24.00
	1.8s	98.00nm		5.5mb				eP'P'	37 06.70	CEY	82.59	352 ePc	10 31.00 -0.6
KSP	77.36	351 iPd	10 03.10	-0.4		SHE	79.79	326 eP	10 18.00 1.2	TCF	82.60	0 eP	10 31.70 0.1
BRG	77.54	353 iP	10 04.60	0.2			1.0s	180.00nm	6.0mb		0.8s	41.35nm	5.6mb
		i	10 13.40			Z	18s	5.00um	5.9Msz	PSN	82.60	341 iP	10 32.00 0.4
OJC	77.59	349 eP	10 05.10	0.4		N	20s	6.00um		WB2	82.61	225 iPd	10 30.80 -1.0
MKS	77.70	245 iPc	10 06.50	0.7		E	20s	5.00um			1.0s	24.30nm	5.2mb
BNS	77.84	357 iPd	10 06.90	0.9				iS	20 16.00	WRA	82.61	225 P	10 31.00 -0.8
MTN	77.93	231 eP	10 06.40	-0.5		LANF	79.80	356 P	10 16.75 -0.1		0.7s	12.60nm	5.1mb
UCC	78.07	359 P	10 08.70	1.4		PSZ	79.84	348 iPc	10 17.30 0.2	TMA	82.62	355 iPd	10 32.70 0.8
ENN	78.07	358 eP	10 07.00	-0.3		ZST	79.90	350 eP	10 16.70 -0.6	LSF	82.64	1 eP	10 31.90 0.2
	0.7s	114.00nm		6.0mb				i	29 11.10		0.6s	75.40nm	5.9mb
		e	10 23.50					e	39 23.20	MAF	82.67	360 eP	10 32.30 0.4
KAT	Z	18s	5.00um	5.9Msz		CLI	80.01	343 ePc	10 18.00 0.0		0.6s	31.55nm	5.6mb
	N	18s	7.00um			FLN	80.10	2 eP	10 18.10 -0.2	TRI	82.68	352 eP	10 30.90 -1.0
	E	18s	4.00um				1.0s	119.20nm	5.8mb	DIX	82.71	356 iPd	10 34.00 1.5
		e	10 29.00			MTA	80.12	329 iPc+	10 19.00 0.4	MMK	82.72	356 iPd	10 34.10 1.6
		e	13 11.00				0.8s	420.00nm	6.5mb	EMS	82.74	357 ePd	10 33.90 1.4
		eS	20 16.00					iS	20 21.00	VBY	82.75	351 eP	10 31.90 -0.4
		ePS	21 06.00					ePS	21 14.00			i	10 33.00
KLL	78.19	357 ePc	10 07.50	-0.5				ePPS	21 34.00			i (pP)	11 03.60 124kmX
MEM	78.23	358 iPc	10 08.82	0.7		SRO	80.14	349 eP	10 19.30 0.7	BRS	82.75	206 iPd	10 32.00 -0.4
HOF	78.25	354 iPd	10 08.90	0.5		LDF	80.27	2 eP	10 19.00 -0.3	RIY	82.99	352 iPd	10 33.60 0.1
GRO	78.35	329 iPc+	10 10.00	1.0			0.7s	108.90nm	6.0mb	RMQ	83.09	210 iPc	10 34.60 0.4
	1.5s	320.00nm		6.1mb		BUD	80.38	349 eP	10 20.50 0.6		1.1s	122.00nm	5.9mb
		eS	20 04.00			WLS	80.38	357 P	10 19.70 -0.3	TEH	83.10	322 eP	10 36.00 1.5
SNF	78.36	359 iPd	10 09.23	0.3		CDF	80.39	357 P	10 19.66 -0.4	RSL	83.13	357 P	10 34.96 0.5
PRU	78.37	352 P	10 09.50	0.5		FUR	80.43	354 eP	10 20.50 0.3	ORX	83.14	356 P	10 34.52 0.0
	Z	20s	1.50um	5.3Msz		GRR	80.46	2 eP	10 20.40 0.1	KVT	83.25	335 iP	10 36.10 1.1
	N	20s	1.70um				0.9s	159.85nm	6.0mb	LPL	83.30	357 eP	10 36.30 0.8
	E	19s	1.50um					e	10 20.74 -0.3		0.8s	17.35nm	5.2mb
		e	10 30.00			ECH	80.59	357 P	10 21.13 -0.1	LPG	83.32	357 eP	10 36.60 1.0
ASH	78.39	318 eP	10 10.00	0.7		VITF	80.62	358 P	10 21.23 0.0		0.8s	22.05nm	5.3mb
	1.5s	330.00nm		6.1mb		LIBD	80.64	356 P	10 22.70 0.8	LSO	83.34	357 P	10 36.67 0.9
TNS	78.53	356 iPd	10 10.50	0.5		BHG	80.77	343 ePc	10 22.50 0.5	COLF	83.37	359 P	10 35.80 0.3
		ePcPc	10 30.70			VR1	80.81	2 eP	10 22.40 0.2	KAS	83.56	337 iPd	10 38.80 2.1
SPC	78.55	348 eP	10 10.60	0.4		LPF	0.7s	65.05nm	5.7mb	RJF	83.58	1 eP	10 36.60 0.0
PYA	78.55	331 iPc	10 10.00	-0.1		HAU	80.83	357 eP	10 22.30 0.0		1.0s	89.20nm	5.9mb
	1.0s	300.00nm		6.3mb			0.8s	54.00nm	5.6mb	PVL	83.59	343 eP	10 37.00 0.3

SSB	83.59	358	P	10	36.97	0.3	CSS	89.73	335	eP	11	06.20	-0.6	P	-0.94	16	36	
RSP	83.65	357	P	10	37.45	0.4	PPCY	90.06	336	eP	11	06.80	-1.5	Best Double Couple: Mo=1.2*10**17				
RRL	83.89	357	P	10	39.78	1.3	BHL	90.08	333	P	11	07.00	-1.6	NP1: Strike=127 Dip=29 Slip= 92				
LFF	83.94	1	eP	10	38.90	0.5	STK	90.43	214	iPc	11	10.10	0.3	NP2: 305 61 89				
	0.7s	128.75nm			6.2mb			1.5s	26.00nm			5.3mb						
BHB	83.96	357	P	10	38.00	-0.5			e	11	27.60		SLKI	2.24	110	iPc	31 31.70 -1.4	
CAF	83.96	0	eP	10	39.10	-0.5	BWA	90.61	208	eP	11	10.60	0.0		iS	31 54.00		
	1.0s	121.20nm			6.0mb				e	11	28.20		AAI	3.63	344	iPd	31 51.50 1.3	
PCP	84.20	356	P	10	39.60	-0.2	MBL	90.64	236	eP	11	08.00	-3.0X		iS	31 53.60		
LPO	84.20	1	eP	10	40.00	0.3	HRI	90.65	333	iPc	11	11.40	0.1	TLE	3.88	67	iPc	31 53.60 0.2
	0.9s	182.80nm			6.3mb		EHOR	90.81	6	eP	11	11.70	-0.1		iS	32 30.50		
PZZ	84.30	357	P	10	40.47	0.1	KOD	91.19	288	eP	11	14.60	0.4	MTN	5.93	161	iPd	32 18.10 -2.2
PLE	84.41	348	iPc	10	41.72	0.7	CAN	91.28	207	eP	11	16.10	2.4	KUPT	6.24	242	iP	32 27.00 2.6
PGB	84.44	344	iPc	10	41.00	-0.1			e	11	35.00		TNE	8.16	347	eP	32 50.60 0.6	
ROB	84.48	356	P	10	40.56	-0.6	ECOG	91.45	5	eP	11	14.50	-0.4	KNA	8.50	183	iPd	32 52.00 -2.5
FIN	84.55	356	P	10	41.02	-0.5	WARB	91.51	228	eP	11	15.00	0.1		eS	34 18.00		
STV	84.55	356	P	10	40.65	-1.0	HMDT	91.66	332	iPc	11	15.80	0.0	MNI	9.62	333	iPc	33 12.00 2.8
ENR	84.56	356	P	10	40.65	-1.0	BPA	91.86	60	eP	11	16.87	-0.1	MKS	9.85	281	ePd	33 19.00 6.8X
VTS	84.56	345	iPc	10	41.00	-0.8	EGUA	91.89	5	eP	11	16.20	-0.6	PCI	11.22	303	ePc	33 39.50 9.4X
QLP	84.67	214	iPc	10	42.20	0.1	MAL	91.95	5	iPc	11	16.50	-0.5		e	34 57.40		
	0.7s	52.00nm			5.8mb		EJIF	92.16	6	iPd	11	18.90	0.9	JAY	12.39	68	iPc	33 45.10 -0.3
DIM	84.69	343	iP	10	43.00	0.8	PAG	92.79	60	eP	11	21.50	0.2		1.0s	10.00nm		4.2mb X
PLD	84.78	344	iP	10	43.00	0.3	TOV	93.25	70	ePc	11	24.70	1.3		eS	34 01.70		
TOUF	84.78	356	P	10	43.21	0.3	SDV	93.48	71	iPc	11	24.80	0.2	KHKI	13.49	264	eP	33 55.90 -3.5X
IVA	84.79	347	iPc	10	43.25	0.4	SAGI	93.82	332	iPc	11	25.60	-0.2		eS	36 24.80		
AUTN	84.79	356	P	10	41.93	-1.1	NANU	94.05	238	eP	11	26.50	-0.1		e	41 23.10		
SAOF	84.80	356	P	10	42.78	0.0	WEEK	95.78	234	eP	11	33.00	-1.6	WRA	13.62	159	P	33 56.29 -4.7X
FIR	84.80	354	eP	10	44.00	1.3	ZOBO	114.69	85	ePKP	16	56.00	5.8X	WB2	13.62	159	iPc	33 56.00 -5.0X
IMI	84.86	356	P	10	43.31	0.2			e	27	26.00			0.5s	618.50nm		6.3mb	
HYB	84.87	291	iPc	10	43.20	-0.3	LPB	114.90	85	ePKP	16	55.00	4.7X		iS	36 22.60		
	1.0s	440.00nm			6.6mb			e	27	48.00			MNDI	14.42	87	eP	34 11.00 -0.3	
		e	11	00.50			CNCB	115.18	85	PKP	16	50.00	-1.1	DAV	14.64	346	eP	34 14.50 0.6
		eSKS	21	08.00				e	27	32.00				1.9s	842.11nm		5.8mb	
MVIF	84.90	357	P	10	43.95	0.5	SIV	118.84	79	ePKP	17	00.00	2.7X	WWKK	14.81	77	eP	34 16.30 0.3
AURF	84.91	356	P	10	43.56	0.2			e	18	05.00		BIP	15.60	349	ePd	34 26.00 0.3	
HVAR	84.92	350	iP	10	42.80	-0.6			e	27	16.00				eS	34 46.00		
SBF	84.93	356	P	10	43.56	0.1	TIC	121.75	9	PKPc	17	02.50	-0.4	TSM	16.05	315	ePd	34 33.70 2.4
BRY	84.95	348	iPc	10	43.27	-0.4	KIC	122.05	8	PKPc	17	02.80	-0.7	CGP	16.18	344	iPd	34 32.50 -0.4
NKY	84.97	348	iPc	10	43.47	-0.3	LIC	122.16	9	PKPc	17	03.00	-0.7	TRT	16.41	267	iPc	34 16.50 -19.1X
PVY	85.05	347	iPc	10	44.29	0.1	BCAO	122.60	341	iPKPc	17	03.90	-0.7		0.8s	425.10nm		
CALN	85.06	357	P	10	44.53	0.3		0.9s	45.00nm						eS	37 22.30		
EMON	85.08	7	eP	10	45.00	0.8	LWI	126.14	327	iPKPd	17	09.90	-1.9X	MBL	16.56	212	eP	34 33.40 -4.0X
RZN	85.18	343	iPc	10	45.00	0.0	BAO	126.38	67	e(PKP)	17	10.00	-2.0X		0.6s	213.00nm		5.7mb
FRF	85.26	357	eP	10	45.10	0.1			e	17	11.40				eS	37 24.00		
	0.9s	83.20nm			5.9mb			e	17	25.20			MDG	16.62	84	eP	34 39.30 1.1	
KKB	85.29	345	iPc	10	45.00	-0.3			e	19	07.90		OIS	16.68	144	iPc	34 36.20 -2.7	
TTG	85.31	348	iPc	10	45.27	0.0	TCA	127.82	95	iPKP	17	13.10	-1.2	ASPA	16.99	165	eP	34 36.20 -6.5X
PPI	85.36	263	e(P)	10	46.00	0.1	PDCR	128.71	56	ePKP	17	15.70	-0.6		0.6s	964.20nm		6.3mb
LRG	85.37	357	eP	10	46.00	0.4	AIA	144.31	139	ePKP	17	41.50	-2.0X	Z	20s	4.80um		4.0Msz
	0.9s	68.45nm			5.9mb		MAW	147.03	218	iPKPc	17	47.60	-0.4		i	34 40.00		
	23s	0.32um			4.7MszX			1.0s	175.00nm					eS	37 43.40			
SKO	85.45	346	iPc	10	46.00	-0.1			ePP	19	11.00		PMG	17.93	98	eP	34 54.60 1.3	
	1.4s	283.00nm			6.3mb		JOZ	147.19	306	iPKPc	17	43.50	-6.0X	MAP	18.16	343	eP	34 55.00 -0.9
	18s	1.71um			5.5Msz			1.4s	395.35nm				KKM	18.45	315	ePc	34 59.90 0.9	
MMB	85.45	344	iPc	10	46.00	-0.1	SLR	147.60	313	iPKPc	17	49.50	-0.9		0.7s	55.20nm		5.1mb
LMR	85.49	357	eP	10	46.50	0.3		0.9s	361.34nm				PLP	18.72	347	ePd	35 01.50 -0.2	
	1.0s	92.80nm			6.0mb			i	17	52.20		WARB	19.03	187	iPc	35 05.00 0.1		
BDV	85.52	348	iPc	10	45.92	-0.5	WIN	148.95	333	iPKPc	17	56.00	3.2X	NANU	20.15	219	iPc	35 16.90 0.6
ULC	85.77	347	iPc	10	47.15	-0.6		1.2s	198.44nm				MEEK	21.78	206	iPc	35 32.30 -0.2	
EPF	85.84	2	eP	10	47.80	-0.2	BLF	151.44	312	iPKPc	18	02.50	6.2X		0.3s	47.00nm		5.4mb
	0.8s	26.60nm			5.5mb		NVL	160.18	189	ePKP	18	04.00	-2.0X	QCP	23.14	340	eP	35 28.00 -17.7X
LESF	85.85	1	P	10	48.17	0.1		1.9s	48.00nm				FORT	23.48	182	iPc	35 49.50 0.6	
VAY	85.91	345	iP	10	49.00	0.7			e	18	45.00			0.4s	84.00nm		5.6mb	
ARMA	85.94	206	iPc	10	49.20	0.7			e	18	52.00		QLP	24.01	145	iPd	35 54.20 0.2	
	1.3s	113.00nm			5.9mb			e	18	59.00				eS	40 32.80			
KER	85.94	324	eP	10	48.00	-0.8	S.D. = 0.9 on 455 of 486 obs.						KLI	24.30	274	eP	35 57.00 0.2	
MTHF	85.95	360	P	10	48.96	0.4	NOV 10, 1992 10h 30m 53.54±0.45s							e	36 48.50			
KNT	86.01	345	eP	10	49.10	0.2	7.204 S ± 3.0km 129.178 E ± 3.9km						COOL	24.73	197	iPc	36 00.40 -0.3	
GRBF	86.04	1	P	10	49.05	0.0	DEPTH = 170.7 ± 4.6 km							0.6s	69.00nm		5.4mb	
KLI	86.06	257	ePc	10	48.00	-1.3	5.4mb (44 obs.)											

10d 10h

	0.7s	27.60nm	5.0mb			2.0s	90.00nm	5.2mb		TIC	134.54	272	PKP	49	41.30	-12.9X		
		i	36	47.40		MGD	69.25	11 eP	41	43.50	-0.1	ANT	143.81	149	iPKP+	50	09.40	-1.3
		eS	41	38.20			0.7s	50.00nm	5.4mb		SLA	145.19	156	ePKPc	50	14.00	0.8	
KGM	27.38	289 eP	36	25.00	0.0			e	42	48.00		MBO	146.01	285	iPKPc	50	16.70	2.1
MUN	27.46	204 iPc	36	25.20	-0.3	UKR	69.41	332 iPc	41	44.00	-0.6	VAO	149.74	187	ePKPc	50	26.70	6.3X
	0.7s	100.00nm	5.6mb				1.6s	90.00nm	5.3mb		CNCB	150.72	145	iPKPc	50	25.00	2.4X	
		e	37	09.00				eS	50	36.00		LPB	150.87	144	ePKP	50	25.00	2.3X
		eS	41	42.00		FRU	70.19	320 ePd	41	50.50	0.8		1.0s	156.00nm				
ADE	28.99	164 eP	36	38.40	-0.9		2.5s	120.00nm	5.2mb		Z	24s	0.78um		5.4MszX			
RKG	29.45	201 eP	36	44.40	1.0			e	42	07.00			i	50	30.00			
	0.3s	10.00nm	5.0mb			QUE	70.25	306 eP	41	50.00	-0.5		LR	53	30.00			
PPI	29.47	282 ePd	36	43.00	-0.7	ELT	70.30	334 iPc	41	49.00	-1.0	ZOBO	151.05	144	iPKPc	50	23.80	0.6
BRS	30.07	135 iPc	36	47.00	-1.9		2.0s	108.00nm	5.3mb			LR	54	10.00				
		i	36	59.70		MAW	74.46	201 iPc	42	15.80	1.5	CCH	151.26	148	ePKP	50	24.00	0.9
		iPP	37	27.00			1.0s	68.00nm	5.3mb			i	50	31.00				
IPM	30.44	292 ePc	36	50.60	-1.7	BRVK	77.87	328 iPc	42	33.50	-0.1	SIV	154.82	156	PKP	50	33.40	5.7X
	0.9s	147.70nm	5.7mb				1.4s	54.00nm	5.1mb			i	50	41.60				
ARMA	31.25	141 iPc	37	00.20	0.9			eS	52	08.50		BAO	157.14	187	PKPd	50	31.90	0.9
	0.7s	24.00nm	5.0mb			MAIO	78.18	309 iPc	42	36.00	0.2		e	50	33.00			
BFD	32.22	160 iPd	37	08.30	0.8		0.9s	8.95nm	4.5mb			e	50	43.30				
		e	37	46.00		TIK	78.67	360 eP	42	37.00	-0.5		e	51	03.80			
BWA	32.38	149 iPc	37	10.70	1.6		1.5s	60.00nm	5.1mb			e	51	19.00				
		iPP	37	52.00	200kmX			e	42	46.00			e	54	38.60			
		iPP	38	10.20				epP	43	19.00	171kmX		e	54	41.00			
		eSP	44	24.10				esP	43	39.00								
CAN	33.38	150 iPc	37	18.30	0.6			eS	52	16.00								
		iPP	37	59.50	198kmX	NRI	81.48	346 iPc	42	52.00	-0.5							
		ePP	38	17.10			1.2s	104.00nm	5.4mb									
		eScP	43	56.00				e	43	39.00								
		eSP	44	25.90				eS	52	46.00								
CNB	33.56	149 eP	37	20.30	1.0			e	52	54.00								
	1.0s	26.00nm	4.9mb			SVE	84.51	329 iPc	43	08.80	0.6							
		e	38	02.60			1.2s	140.00nm	5.6mb									
TOO	33.67	156 iPc	37	21.50	1.4			e	44	15.00								
		i	38	17.70		NVL	91.92	197 eP	43	45.00	1.7							
LOE	36.52	312 iPc	37	44.00	-0.4		1.3s	44.00nm	5.4mb									
NST	36.66	308 eP	37	49.00	3.4X		Z	18s	1.40um	5.5Msz								
KHT	37.38	306 eP	37	51.80	0.2		N	18s	0.50um									
BDT	38.47	309 iPc	38	00.00	-0.6		E	20s	0.80um									
	1.0s	89.70nm	5.4mb			BUL	97.37	249 eP	44	26.30	17.0X							
SSE	38.84	349 Pc	38	03.40	-0.2	HFS	108.75	332 ePd	44	58.70	-0.3							
	0.9s	25.00nm	4.9mb				0.4s	0.60nm	5.2mb									
CHG	39.46	311 ePc	38	09.30	0.4	BCAO	111.00	272 iPKPc	49	00.00	-9.2X							
	0.9s	94.75nm	5.5mb			GEC2	112.05	320 ePKP	49	10.10	-0.1							
		e	43	48.30			0.5s	2.61nm										
YAMJ	46.26	12 eP	39	03.30	-0.2	KHC	112.06	320 ePKP	49	10.50	0.4							
OFUJ	47.48	13 eP	39	12.90	-0.1			e	50	06.00								
BJI	48.52	347 eP	39	20.00	-1.0	WTTA	113.81	319 iPKPc	49	13.60	-0.2							
	0.6s	13.00nm	4.7mb				0.4s	18.90nm										
Z	20s	0.54um	4.5Msz			HHA1	115.48	45 ePd	45	29.98	0.5							
SHL	48.74	313 iP	39	22.50	-0.7	PTI	115.59	46 ePd	45	28.81	-1.3							
	1.0s	105.00nm	5.4mb			BSF	116.75	320 ePKP	49	19.10	-0.2							
		eS	46	08.00			0.4s	4.80nm										
LZH	49.20	333 Pc	39	26.20	-0.3	PGF	116.90	314 ePKP	49	19.80	0.0							
	1.6s	94.00nm	5.2mb				0.5s	7.85nm										
		S	46	15.00		LPG	117.57	318 ePKP	49	21.40	0.2							
HOOJ	51.00	13 eP	39	39.90	0.1		0.4s	3.85nm										
ASAJ	52.51	12 P	39	50.50	-0.6	LPL	117.57	318 ePKP	49	21.30	0.2							
KOD	54.33	288 eP	40	04.00	-1.3		0.4s	7.70nm										
GUN	54.47	312 Pc	40	05.28	-1.0	BW06	117.61	45 ePd	45	42.20	3.0X							
	0.4s	169.00nm	6.2mb			LBF	118.84	320 ePKP	49	23.30	0.1							
PKI	54.64	311 Pc	40	06.16	-1.2		0.5s	3.50nm										
KKN	54.85	311 Pc	40	07.70	-1.1	EKA	118.95	331 PKP	49	24.00	0.9							
DMN	54.89	311 Pc	40	08.14	-0.9		1.4s	25.10nm										
YSS	55.31	11 eP	40	10.00	-1.4	SMF	119.06	320 ePKP	49	23.40	-0.2							
GBA	55.37	292 P	40	10.40	-2.0		0.5s	2.25nm										
GKN	55.45	311 Pc	40	11.98	-1.0	SSF	119.11	321 ePKP	49	24.10	0.4							
	0.3s	192.00nm	6.4mb X				0.6s	8.75nm										
HYB	55.67	297 ePc	40	12.00	-2.6	AVF	119.31	320 ePKP	49	24.00	0.0							
	1.0s	110.00nm	5.6mb				0.5s	3.30nm										
CSY	60.39	189 iPd	40	47.90	1.3	BGF	119.72	320 ePKP	49	25.40	0.5							
	0.7s	64.90nm	5.6mb				0.5s	11.20nm										
		e	41	31.00		LPF	121.49	323 ePKP	49	28.60	0.5							
NDI	61.46	308 iPc	40	52.70	-1.7		0.3s	1.75nm										
	0.5s	80.99nm	5.8mb			MFF	121.58	321 ePKP	49	28.70	0.3							
ZAK	61.59	341 eP	40	54.00	-0.9		0.4s	6.80nm										
	2.3s	107.00nm	5.3mb			EPF	122.75	317 ePKP	49	31.90	1.1							
		e	41	33.00			0.5s	4.80nm										
IRK	62.94	343 ePd	41	04.20	0.4	ULM	123.06	33 ePKP	49	24.00	-7.1X							
	1.6s	58.00nm	5.2mb			OCO	128.88	50 iPKPc	49	30.60	-12.2X							
		e	41	40.40		FNO	129.03	50 iPKPd	49	29.50	-13.6X							
MOY	63.45	341 ePc	41	07.40	0.3	TUL	129.99	48 ePKP	49	45.40	0.5							
	1.7s	115.00nm	5.5mb			LNO	129.99	48 ePKP	49	45.60	0.8							
BOD	65.97	351 iPc	41	22.80	-0.4	UYO	131.69	50 iPKPc	49	48.70	0.5							
	1.4s	62.00nm	5.3mb			KIC	134.25	272 PKP	49	40.80	-12.8X							
PRZ	67.65	322 eP	41	35.00	0.7	LIC	134.52	272 PKP	49	41.00	-13.1X							

S.D. = 1.0 on 115 of 138 obs.

• NOV 10, 1992 10h 45m 16.24 ± 1.13s
 43.150 N ± 8.6km 111.702 W ± 13.3km
 DEPTH = 10.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.6 (GS).

RR12 0.35 53 P 45 23.00 -0.6
 IMW 0.93 36 P 45 34.70 0.5
 HVU 1.58 210 eP 45 44.38 -0.2
 DAU 2.76 173 ePn 46 00.75 -0.8
 DUG 3.07 196 eP 46 04.91 -0.9
 EMUT 3.40 168 eP 46 10.62 0.0
 SRU 4.13 167 (P) 46 20.34 -0.6
 MSU 4.65 185 (P) 46 30.50 2.2
 PV10 5.18 156 ePn 46 36.00 0.1
 ARUT 5.52 194 (P) 46 48.32 7.7X
 RSSD 5.65 77 (P) 46 48.54 6.1X
 0.2s 0.03nm 2.7mb X
 GOL 5.87 124 eP 46 46.06 0.4
 SES 7.26 3 P 47 32.00 27.0X
 1.2s 19.00nm
 ALO 9.15 152 (P) 48 19.00 47.5X
 ULM 12.96 51 eP 48 41.00 17.9X
 S.D. = 1.0 on 10 of 15 obs.

NOV 10, 1992 10h 46m 18.18 ± 0.41s
 43.070 N ± 4.8km 111.368 W ± 3.8km
 DEPTH = 10.0km (geophysicist)
 4.2mb (2 obs.) 4.0Msz (3 obs.)
 EASTERN IDAHO (457)
 ML 4.8 (BUT). Felt (V) at Woyan;
 (IV) at Georgetown; (III) at
 Boncroft and Montpelier. Also
 felt at Idaho Falls and
 Pocatello. Felt (V) at Alpine
 and Grover, Wyoming; (IV) at
 Afton, Bedford, Etna, Freedom,
 Smoot and Thayne, Wyoming.

HVU 1.66 219 (P) 46 48.03 0.4
 TPMT 1.67 353 ePn 46 50.50 2.6X
 MCMT 2.06 329 ePn 46 56.10 2.7X
 DAU 2.66 178 eP 47 00.94 -1.2
 LCCM 2.79 353 ePn 47 10.70 6.8X
 LRM 2.86 345 ePn 47 12.20 7.3X
 BUT 3.06 344 ePg 47 17.90 10.2X
 eSg 47 55.40
 DUG 3.07 201

LBFM	8.00	261	(P)	48	17.51	0.1	ICI	1.66	319	iPd	55	20.42	0.1	BURJ	4.81	57	Pd	18	30.58	0.5
LON	8.27	300	eP	48	25.56	4.4X			eS	55	44.75			SHMJ	5.04	52	Pc	18	33.76	0.3
RMW	8.57	304	(P)	48	24.82	-0.4	CNCI	1.70	300	ePd	55	20.97	0.1	ELL	7.11	353	ePn	19	03.50	0.9
LGPM	8.80	260	eP	48	28.50	0.0	BCYI	1.89	311	ePd	55	24.37	0.7	BCK	7.76	357	ePn	19	11.00	-0.7
GSC	8.83	210	eP	48	30.86	2.0			eS	55	49.68			CIN	8.27	343	ePg	19	17.00	-1.7
ALO	8.97	153	(P)	48	30.28	-0.6	MCMT	2.02	330	iPnd	55	27.00	1.4			iSg	19	26.00		
	0.5s	2.28nm			4.8mb	X	DAU	2.68	177	eP	55	34.61	-0.5	KHL	8.71	352	ePn	19	24.00	-0.9
BMW	9.10	296	(P)	48	32.71	0.2	LCCM	2.77	353	iPn	55	39.70	3.5X	PTJ	20.05	328	eP	21	51.60	0.2
PEC	10.22	208	(P)	48	47.86	-0.1	LRM	2.83	345	ePn	55	39.90	2.8X	GEC2	23.28	330	eP	22	24.60	0.8
GLA	10.36	196	eP	48	50.11	0.2	HBMt	2.83	343	ePn	55	38.10	0.9		1.1s	8.69nm			4.2mb	
ACO	11.34	120	iPd	49	02.60	-0.6	BUT	3.03	345	ePn	55	42.70	2.8X			e	22	31.50		
MIAr	16.25	116	eP	50	07.45	-0.5			eSn	56	25.40			KHC	23.55	330	eP	22	27.50	1.2
	0.8s	6.97nm			3.8mb		DUG	3.08	200	ePn	55	39.12	-1.4			e	23	07.50		
FVM	16.70	101	eP	50	13.91	0.2	EMUT	3.30	172	eP	55	43.74	-0.2	OBN	25.71	7	iPc	22	47.50	0.6
	0.8s	40.95nm			4.6mb		HRY	3.63	356	ePn	55	49.70	1.3		0.9s	31.00nm			4.9mb	
ELC	17.86	101	eP	50	28.90	0.7	SRU	4.03	170	eP	55	53.48	-0.6			i	22	54.00		
EEO	23.08	70	eP	51	36.50	11.8X	MSU	4.61	187	eP	56	01.08	-1.3	NB2	34.02	343	P	24	00.30	-0.7
RSNY	26.49	74	P	52	10.00	12.8X	PV10	5.04	158	eP	56	09.00	0.5		0.7s	2.70nm			4.3mb	
Z	21s	0.36um			3.9msz		RSSD	5.46	77	eP	56	14.60	0.2	S.D. = 0.7 on 33 of 33 obs.						
PMR	29.00	323	P	52	30.00	10.2X	ARUT	5.52	197	eP	56	15.31	0.1	<hr/>						
Z	22s	0.36um			3.9msz		GOL	5.67	125	eP	56	16.63	-0.8	& NOV 10, 1992 11h 22m 06.94s						
HON	44.34	256	P	54	40.00	9.8X	KVN	6.46	234	eP	56	28.25	-0.3	35.030 N 116.968 W						
Z	18s	0.24um			4.1msz		TNP	6.67	223	eP	56	32.42	1.0	DEPTH = 3.6km						
S.D. = 0.9 on 22 of 37 obs.							DPW	6.75	317	eP	56	32.68	0.3	CENTRAL CALIFORNIA (39)						
<hr/>							VGB	7.14	293	eP	56	38.59	0.7	<PAS>. ML 2.9 (PAS), 2.5 (GS).						
							SES	7.31	2	P	56	42.00	1.8	<hr/>						
NOV 10, 1992 10h 54m 50.82± 0.19s								0.9s	18.00nm			5.2mb	X	GSC 0.30 26 iPc 22 12.87 -0.2						
43.090 N ± 1.9km 111.419 W ± 1.7km							BONR	7.33	228	eP	56	41.41	0.6	SSK 1.01 216 eP 22 25.68 -1.2						
DEPTH = 10.0km (geophysicist)							MTUM	7.92	226	eP	56	50.31	1.4							
4.4mb (2 obs.) 4.0msz (2 obs.)							LBFM	7.97	261	(P)	56	52.04	2.4X	PEC 1.15 188 ePd 22 27.91 -1.1						
EASTERN IDAHO (457)							LON	8.23	300	eP	56	55.81	2.7X							
ML 4.7 (GS), 4.9 (BUT). Felt (V)							ORV	8.37	248	(P)	56	56.52	1.1	ISA 1.38 298 eP 22 31.10 -2.0						
at Wayan; (IV) at Boncraft,							CMB	8.49	236	eP	56	57.86	1.5	PLM 1.67 177 eP 22 36.49 -0.9						
Georgetown, Montpelier and							RMW	8.53	304	eP	56	58.03	0.7	ABL 1.86 265 eP 22 39.08 -1.0						
Paris. Also felt at Idaho Falls							WDC	8.67	257	(P)	57	01.12	1.9	GLA 2.66 137 ePn 22 51.31 -0.1						
and Pocatello. Felt (V) at							LGPM	8.77	260	eP	57	01.77	1.1	7 obs. associated						
Grover; (IV) at Alpine, Freedom							GSC	8.83	210	eP	57	02.40	1.0	<hr/>						
and Thayne; (III) at Afton,							ALO	9.00	153	eP	57	01.00	-3.0X	? NOV 10, 1992 11h 41m 29.73± 3.32s						
Bedford, Etmo and Fairview,							BMW	9.05	296	eP	57	06.48	1.9	31.783 S ±20.6km 71.635 W ±22.1km						
Wyoming.							PEC	10.22	208	eP	57	21.90	1.3	DEPTH = 10.0km (geophysicist)						
<hr/>							ACO	11.38	120	iPc	57	32.10	-4.3X	NEAR COAST OF CENTRAL CHILE (135)						
							ULM	12.84	51	eP	57	57.00	1.0	JACH 1.26 136 eP 41 53.40 0.2						
CHOI 0.27 34 P 54 56.45 -0.1							UYO	15.95	118	iPc	58	37.20	0.4	ROCH 1.30 156 iPd 41 53.52 -0.4						
RR12 0.28 15 P 54 57.50 0.6							FVM	16.74	101	eP	58	46.48	-0.4	PEL 1.58 150 iPd 41 58.20 0.4						
ALPW 0.31 79 P 54 56.95 -0.5								0.7s	44.43nm			4.7mb	LCCM 1.69 178 iP+ 41 58.36 -1.0							
PINI 0.42 7 ePd 54 59.09 -0.4							TKL	22.55	100	eP	59	52.74	0.5	FCH 1.91 144 iP+ 42 03.68 0.7						
TMI 0.42 301 iP 54 58.81 -0.7							JSC	25.03	100	eP	00	17.43	1.1	TACH 1.96 163 eP 42 02.84 -0.5						
REDW 0.50 57 P 55 00.26 -0.7							LHS	25.25	100	eP	00	17.89	-0.5	PCH 2.06 153 (P) 42 03.35 -1.6						
TPAW 0.53 40 P 55 01.00 -0.5							CBN	26.18	89	eP	00	17.00	-10.0X	LNV 2.17 175 iP 42 08.07 1.6						
MUDI 0.58 25 P 55 02.53 -0.3							HRV	29.07	77	P	01	00.00	6.8X	CHCH 2.30 159 eP 42 08.56 0.3						
BEAW 0.61 75 P 55 02.49 -0.9							Z	21s	0.28um			3.8msz	MDZ 2.60 116 eP 42 19.40 6.8X							
SNOW 0.61 52 P 55 02.77 -0.6							IMA	32.58	329	eP	01	26.29	2.1	e(S) 43 03.50						
IRCI 0.62 314 iPc 55 03.13 -0.2							HON	44.31	256	P	03	10.00	7.4X	TCA 6.03 88 eP 43 01.00 -0.2						
							Z	21s	0.25um			4.1msz	(S) 44 12.00							
							S.D. = 0.9 on 82 of 92 obs.						S.D. = 1.0 on 10 of 11 obs.							
AVOW 0.68 40 P 55 04.36 -0.1							NOV 10, 1992 11h 17m 17.85± 0.95s						<hr/>							
HHA1 0.73 287 iPd 55 04.11 -1.2							29.685 N ± 8.8km 31.060 E ± 5.3km						NOV 10, 1992 11h 54m 27.74± 0.69s							
PTI 0.73 253 iPc 55 03.49 -1.8							DEPTH = 30.0 ± 4.0 km						31.220 N ± 5.8km 36.150 E ± 7.0km							
TARW 0.74 25 P 55 05.50 0.0							4.4mb (3 obs.)						DEPTH = 10.0km (geophysicist)							
LOHW 0.79 48 P 55 05.88 -0.5							EGYPT (553)						DEAD SEA REGION (373)							
MOOW 0.82 37 P 55 06.32 -0.6							MD 4.2 (HLW).						MD 2.7 (RYD).							
KBI 0.86 306 iPd 55 07.01 -0.5							HLW	0.30	55	eP	17	25.50	0.2	QTRJ 0.14 304 P+ 54 31.19 0.0						
RAMW 0.87 23 P 55 07.61 -0.1							KOT	0.71	70	ePg	17	31.50	-0.2	CSTJ 0.46 102 Pd 54 36.09 -1.1						
IMW 0.88 23 iPd 55 08.35 0.4							SAGI	3.17	79	iPd	18	06.70	-0.2	MKRJ 0.55 307 Pd 54 38.64 -0.2						
TRXW 0.91 43 P 55 08.13 -0.3							MBH	3.32	88	iP	18	09.10	0.0	MASJ 0.63 324 Pd 54 40.05 -0.4						
SPCI 0.96 292 iPd 55 08.42 -0.8							AQBJ	3.47	88	P	18	11.45	0.3	KFNJ 0.76 328 Pd 54 42.32 -0.2						
HAYW 0.96 55 P 55 09.43 0.0							PRNI	3.48	78	eP	18	10.90	-0.4	SALJ 0.88 333 P+ 54 44.72 0.0						
COLW 1.01 31 P 55 09.82 -0.3							JRSJ	3.67	80	Pd	18	13.96	0.1	JARJ 1.03 350 Pd 54 47.36 0.1						
GBI 1.01 333 iPc 55 10.01 -0.1							MRSJ	3.71	89	P	18	14.38	-0.2	BURJ 1.06 344 Pd 54 48.12 0.3						
PACW 1.06 40 P 55 11.14 0.2							MRSJ	3.71	89	P	18	14.44	-0.1	ARTJ 1.18 29 Pd 54 50.43 0.7						
STEW 1.10 29 P 55 11.52 -0.1							NAQJ	3.87	84	Pd	18	16.93	-0.1	HOL 2.16 206 ePc 55 02.60 -1.7						
CBTI 1.13 286 iPd 55 10.61 -1.5							DHLJ	3.92	72	Pd	18	17.94	0.5	eS 55 28.60						
NPRI 1.15 297 iPd 55 11.25 -1.1							LISJ	4.12	67	Pc	18	19.80	-0.5	AYN 2.35 183 eP 55 09.30 2.4						
CRBI 1.15 310 ePc 55 11.80 -0.7							MDRJ	4.15	92	P	18	20.12	-0.8	S.D. = 1.1 on 11 of 11 obs.						
ANGW 1.16 50 P 55 12.97 0.2							HITJ	4.16	88	P	18	20.89	-0.1	<hr/>						
LJI 1.27 306 ePd 55 13.44 -1.1							DSI	4.17	62	iPd	18	20.60	-0.4	& NOV 10, 1992 12h 48m 42.93s						
LLRI 1.27 300 ePd 55 13.61 -0.9							JVI	4.32	58	iP	18	23.20	0.1	61.824 N 149.585 W						
GTRI 1.34 277 iPd 55 14.30 -1.3							MASJ	4.50	62	Pd	18	25.86	0.0	DEPTH = 7.4km						
JGI 1.36 318 iPd 55 15.55 -0.3							KFNJ	4.53	60	Pc	18	26.63	0.5	SOUTHERN ALASKA (2						
HPI 1.37 297 ePc 55 15.14 -1.1							KFNJ	4.53	60	Pc	18	26.84	0.7							
BW06 1.40 102 ePc 55 16.10 -0.6							SALJ	4.60	59	Pd	18	27.72	0.5							
PZCI 1.41 333 iPc 55 16.72 0.0							MMJ	4.63	53	iP	18	27.90	0.3							
SMBI 1.41 288 eP 55 15.93 -0.8							GHZJ	4.64	78	Pc	18	26.52	-1.3							
HWSI 1.48 305 iPc 55 17.29 -0.4																				
LTMt 1.52 341 iPnd 55 18.60 0.3																				
TCSI 1.59 290 iPc 55 18.96 -0.3																				
COMI 1.63 284 iPc 55 18.90 -1.0																				
TPMT 1.65 354 iPnd 55 21.00 0.8																				
HVU 1.65 218 ePc 55 19.17 -0.9																				

10d 12h

<AEIC>. ML 2.5 (AEIC).				
SUA	0.66	237 P	48 56.20	0.0
		S	49 06.50	
SKT	0.93	281 P	48 59.50	-1.5
		S	49 11.90	
PTE	1.00	164 P	49 00.80	-1.3
		S	49 15.70	
SCM	1.07	89 P	49 02.00	-1.4
		S	49 17.00	
HUR	1.16	359 P	49 03.40	-1.4
		S	49 18.80	
CGLM	1.27	247 P	49 04.60	-2.2
NCG	1.30	252 P	49 05.30	-2.0
MPA	1.34	175 P	49 05.60	-2.3
		S	49 23.70	
SPU	1.35	243 eP	49 06.18	-1.9
		eS	49 24.27	
CRP	1.35	247 eP	49 06.62	-1.6
		eS	49 24.86	
SLKM	1.36	193 P	49 06.10	-2.1
CKN	1.38	245 eP	49 06.94	-1.7
CP2	1.39	247 eP	49 07.01	-1.9
		eS	49 26.05	
CKT	1.40	245 eP	49 07.42	-1.5
BGL	1.46	249 eP	49 08.06	-1.6
CKL	1.46	246 eP	49 08.07	-1.7
RND	1.62	12 P	49 09.80	-2.3
TOA	1.64	79 P	49 11.00	-1.2
TRF	1.67	349 P	49 10.50	-2.3
KLU	1.78	99 eP	49 12.18	-2.2
		eS	49 35.37	
MCK	1.94	9 eP	49 15.02	-1.6
DFR	1.94	232 P	49 15.10	-1.6
TZL	1.98	82 eP	49 16.00	-1.2
REF	2.02	230 P	49 15.50	-2.4
SDG	2.02	68 eP	49 16.31	-1.5
RS1	2.06	230 eP	49 17.11	-1.4
PAX	2.24	57 eP	49 19.59	-1.4
ILIM	2.40	225 eP	49 20.64	-2.7
GLB	2.78	95 eP	49 26.24	-2.5
HDA	2.85	24 eP	49 27.21	-2.5
CCB	2.95	15 eP	49 27.81	-3.1
GLM	3.33	16 eP	49 33.37	-3.0
32 obs. associated				
? NOV 10, 1992 13h 35m 00.67±1.76s				
15.711 S ±20.7km 173.446 W ±21.5km				
DEPTH = 100.1 ± 22.8 km				
4.5mb (3 obs.)				
TONGA ISLANDS (173)				
AFI	2.41	42 P	35 39.40	-0.1
DZM	20.04	249 iPc	39 29.00	1.4
QRZ	27.83	203 eP	40 40.90	-0.8
LTZ	29.63	202 eP	40 58.60	0.7
WB2	49.72	257 eP	43 42.80	-1.2
	0.4s	2.40nm		4.5mb
WRA	49.73	257 P	43 44.80	0.7
	0.5s	0.80nm		3.9mb
ASPA	49.98	252 eP	43 44.80	-1.2
	0.6s	9.60nm		5.0mb
SES	85.48	35 eP	47 28.00	0.5
KHC	146.18	352 ePKP	54 34.00	5.3X
GEC2	146.44	351 ePKP	54 33.30	4.1X
	0.8s	0.97nm		
S.D. = 1.3 on 8 of 10 obs.				
* NOV 10, 1992 13h 37m 55.36±3.62s				
30.735 S ±17.9km 72.455 W ±29.6km				
DEPTH = 10.0km (geophysicist)				
OFF COAST OF CENTRAL CHILE (134)				
TLL	1.53	69 iPc	38 22.80	-0.2
		iS	38 38.10	
JACH	2.51	141 iP	38 36.01	-0.9
		iS	39 01.61	
ROCH	2.55	152 iP	38 36.94	-0.7
		iS	39 02.02	
LCCH	2.83	165 iP	38 41.73	0.2
		iS	39 17.04	
PEL	2.83	148 iP	38 42.67	1.1
		iS	39 10.68	
FCH	3.17	145 iP	38 46.88	0.3
		iS	39 20.00	
TACH	3.18	157 iP	38 46.12	-0.3
		iS	39 19.41	

LNv	3.33	165 iP	38 48.74	0.2
CHCH	3.54	155 iP	38 51.22	-0.3
		iS	39 27.72	
CFA	3.72	105 e(P)	38 54.00	-0.1
MDZ	3.74	126 eP	39 07.20	12.7X
		iS	39 46.10	
TCA	6.78	97 eP	39 37.90	0.5
S.D. = 0.6 on 11 of 12 obs.				
* NOV 10, 1992 13h 50m 20.33±1.68s				
41.389 N ±18.3km 24.314 E ±7.6km				
DEPTH = 10.0km (geophysicist)				
GREECE-BULGARIA BORDER REGION (363)				
SRS	0.61	244 ePg	50 32.04	-0.6
		eSg	50 40.92	
SOH	0.92	232 ePg	50 37.60	-0.4
		eSg	50 51.56	
OUR	1.08	194 ePg	50 41.05	0.4
KNT	1.09	258 ePg	50 41.48	0.6
ALN	1.40	110 ePb	50 45.72	-0.1
		eSb	51 04.36	
S.D. = 0.7 on 5 of 5 obs.				
? NOV 10, 1992 14h 44m 14.34±5.17s				
51.194 N ±36.1km 19.978 E ±32.7km				
DEPTH = 10.0km (geophysicist)				
POLAND (548)				
ML 3.1 (WAR).				
OJC	0.98	187 ePg	44 33.70	0.7
		iSg	44 42.20	
SPC	2.02	175 ePn	44 48.90	0.0
		e(Sg)	45 10.50	
		Lg	45 10.80	
KSP	2.35	263 iPg	44 54.50	0.9
	0.8s	90.00nm		
		iSg	45 17.80	
VRAC	2.88	230 iPnc	44 54.10	-6.9X
	0.4s	27.90nm		
		eSg	45 17.10	
PSZ	3.28	181 e(P)	45 06.50	-0.4
ZST	3.53	213 e(P)	45 10.00	-0.3
SRO	3.55	198 iP	45 54.40	43.8X
PRU	3.67	253 eP	45 11.50	-0.8
		Pg	45 16.50	
		eSg	45 50.00	
BRG	3.82	268 iPg	45 21.50	7.0X
		iSg	46 04.40	
KHC	4.60	246 ePg	45 31.00	5.4X
		eSg	46 16.50	
GEC2	4.68	242 Pn	45 20.20	-6.6X
		Pg	45 28.30	
		Sg	46 16.70	
S.D. = 0.8 on 6 of 11 obs.				
? NOV 10, 1992 14h 44m 28.21±2.73s				
34.692 S ±27.4km 70.981 W ±14.2km				
DEPTH = 100.0km (geophysicist)				
CHILE-ARGENTINA BORDER REGION (127)				
MD 3.8 (SAN).				
CACH	0.65	29 iP	44 45.57	0.0
		iS	44 58.77	
CHCH	0.80	20 iP	44 46.91	0.0
		iS	45 00.86	
LNv	0.82	334 iP+	44 46.98	0.1
		iS	45 00.40	
TACH	1.04	2 iPd	44 49.19	-0.1
		iS	45 04.91	
PCH	1.14	20 iP+	44 50.81	0.3
		iS	45 07.32	
LCCH	1.31	338 iP+	44 52.48	0.0
		iS	45 09.83	
FCH	1.48	23 iPd	44 54.70	-0.2
		iS	45 14.88	
PEL	1.56	9 iP+	44 55.83	0.1
		iS	45 16.00	
ROCH	1.72	359 iPd	44 57.67	-0.2
		iS	45 19.57	
JACH	2.03	9 iP	45 01.91	0.1
		iS	45 26.07	
S.D. = 0.2 on 10 of 10 obs.				
* NOV 10, 1992 14h 46m 21.83±1.68s				
39.262 N ±11.1km 26.433 E ±18.3km				
DEPTH = 10.0km (geophysicist)				

TURKEY						(366)
MD 2.7 (ISK).						
EZN	0.57	352	iPg	46 32.10	-1.2	
			eSg	46 41.10		
IZM	1.08	143	ePn	46 42.00	-0.2	
BNT	1.58	46	ePn	46 50.00	0.0	
ALN	1.66	350	eP	46 52.30	1.2	
KCT	1.78	56	ePn	46 53.00	0.1	
S.D. = 1.3 on 5 of 5 obs.						
NOV 10, 1992 15h 16m 54.73±0.42s						
16.641 N ±3.3km 60.783 W ±5.6km						
DEPTH = 33.0km (normal)						
4.7mb (8 obs.)						
LEEWARD ISLANDS (92)						
MD 4.6 (TRN). Felt (IV) on						
Guadeloupe and (II) on						
Martinique. Also felt on Marie						
Galante.						
DEG	0.42	219	iPc	17 04.45	0.2	
SFG	0.55	226	iPd	17 06.13	0.0	
SEG	0.73	251	iPd	17 09.12	0.5	
MGG	0.88	216	iPd	17 10.64	-0.1	
DOG	1.00	233	iPd	17 12.69	0.1	
PAG	1.05	235	iPd	17 13.23	-0.1	
BPA	1.11	292	iPc	17 16.59	2.6	
BTG	1.11	234	iPd	17 14.05	0.1	
			S	17 24.80		
MGH	1.38	273	iPd	17 19.20	1.4	
NEV	1.78	286	eP	17 25.80	2.1	
CRM	1.88	184	iPd	17 25.06	-0.1	
FDF	1.93	191	iPd	17 25.31	-0.6	
			S	17 46.20		
MVM	2.08	183	iPd	17 28.23	0.3	
BIM	2.13	188	iPd	17 28.72	0.0	
			S	17 52.80		
SLW	2.61	183	eP	17 36.68	1.1	
			eS	18 04.91		
SVV	3.33	187	eP	17 45.96	0.2	
			eS	18 22.12		
SVB	3.38	188	eP	17 46.81	0.3	
FCV	3.49	187	eP	17 50.00	1.9	
GRW	4.54	191	eP	18 02.74	-0.2	
			eS	18 52.00		
CPD	5.10	287	P	18 11.50	0.6	
LPR	5.13	290	P	18 12.30	0.9	
TPR	5.42	180	eP	18 15.50	0.1	
CLLP	5.72	285	P	18 20.00	0.5	
TCE	5.98	189	eP	18 24.00	0.6	
			eS	19 26.66		
TRN	5.99	186	eP	18 23.84	0.4	
			eS	19 25.90		
TBH	6.13	183	eP	18 25.92	0.5	
MGP	6.18	284	P	18 25.00	-1.1	
MCP	6.29	287	P	18 25.30	-2.4	
TPP	6.32	186	eP	18 26.93	-1.1	
GUAN	8.16	216	iPd	18 52.60	-1.3	
			eS	20 19.90		
OLLA	8.81	222	iP	19 01.00	-2.0	
MORO	9.30	233	eP	19 03.50	-6.2X	
CEOS	10.55	225	iP	19 23.40	-3.5X	
TOV	11.10	233	eP	19 30.60	-3.8X	
SDV	12.31	232	iPc	19 46.60	-4.3X	
SIV	32.43	181	P	23 27.00	2.9X	
OLY	33.15	310	eP	23 29.55	-0.7	
ZOBO	33.51	193	eP	23 31.00	-3.2X	
			LR	34 22.00		
FVM	33.61	315	eP	23 33.97	-0.3	
LPB	33.74	193	eP	23 36.00	0.0	
CNCB	33.99	192	P	23 36.00	-2.3	
UYO	34.86	306	iPc	23 44.30	-0.7	
ULM	43.80	328	eP	25 03.00	4.0X	
ALO	44.56	303	eP	25 05.20	-0.5	
	0.7s	3.89nm			4.4mb	
RSSD	45.55	316	eP	25 13.94	0.5	
	0.4s	3.55nm			4.6mb	
TUC	47.69	299	eP	25 29.66	-0.7	
	0.8s	6.08nm			4.7mb	
BW06	48.87	313	iPc	25 39.50	-0.1	
	1.1s	23.81nm			5.1mb	
EMUT	49.02	309	eP	25 40.66	-0.1	
DAU	49.49	309	eP	25 44.35	-0.1	
LRM	51.74	316	eP	26 01.70	0.2	
SES	52.34	322	eP	26 06.00	0.3	
NEW	55.47	318	iPd	26 28.00	-0.7	

0.9s 43.86nm 5.5mb
 KIC 55.70 94 P 26 31.40 0.7
 LBFM 57.59 309 eP 26 42.91 -1.2
 LGPM 58.25 308 eP 26 46.77 -1.9
 YKA 59.02 334 eP 26 52.70 -0.7
 0.5s 4.90nm 4.9mb
 KMPM 59.19 307 eP 26 55.59 0.5
 MBC 66.67 347 ePc 27 45.00 1.0
 0.6s 3.00nm 4.6mb
 GEC2 67.48 44 ePd 27 50.90 1.2
 0.7s 0.70nm 3.9mb
 e 28 01.10
 S.D. = 1.0 on 52 of 59 obs.

& NOV 10, 1992 15h 25m 04.05s
 60.459 N 144.822 W
 DEPTH = 19.9km
 SOUTHERN ALASKA (2)
 <AEIC>. ML 3.1 (AEIC).

CROM 0.88 69 iP 25 19.11 -1.6
 eS 25 31.87
 TGL 1.03 72 iP 25 21.32 -1.8
 GLB 1.10 26 eP 25 22.26 -2.1
 iS 25 36.38
 KLU 1.17 333 iP 25 22.79 -2.6
 eS 25 38.05
 MID 1.29 217 eP 25 27.30 0.4
 BALM 1.35 63 iP 25 26.09 -1.8
 eS 25 44.57
 TZL 1.62 350 eP 25 30.78 -0.9
 TOA 1.78 339 P 25 33.00 -1.0
 S 25 57.70
 CTGM 1.79 72 eP 25 33.30 -1.0
 eS 25 56.44
 SCM 1.84 320 eP 25 33.24 -1.7
 eS 25 56.67
 SDG 2.10 351 eP 25 37.68 -1.1
 eS 26 03.82
 PTE 2.11 283 eP 25 36.90 -1.9
 MPA 2.25 273 iP 25 38.41 -2.4
 PMR 2.39 300 eP 25 40.77 -1.9
 PAX 2.54 353 eP 25 43.68 -1.4
 SLKM 2.67 273 eP 25 44.11 -2.8
 SUA 3.06 292 eP 25 49.81 -2.6
 SKT 3.59 298 eP 25 56.67 -3.2
 CGLM 3.61 287 eP 25 57.43 -2.9
 SPU 3.62 285 eP 25 56.85 -3.4
 CRP 3.68 286 eP 25 57.09 -4.2
 NCG 3.70 288 eP 25 58.27 -3.3
 CP2 3.72 286 eP 25 59.00 -2.9
 CKL 3.75 285 eP 25 58.59 -3.7
 BGL 3.79 286 eP 25 59.30 -3.5
 DFR 3.89 275 eP 26 00.21 -3.9
 RS1 3.93 273 eP 26 02.77 -2.0
 FBA 4.66 344 eP 26 11.04 -4.0
 SVW 5.33 282 eP 26 32.60 8.0
 IMA 6.90 328 eP 26 47.73 1.1
 0.6s 1.95nm 4.3mb X
 30 obs. associated

* NOV 10, 1992 15h 46m 06.86±1.37s
 38.006 N ± 8.8km 27.023 E ± 13.6km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

IZM 0.43 26 iPg 46 15.00 -0.7
 iSg 46 20.00
 CIN 0.93 115 ePg 46 25.00 0.3
 iSg 46 38.00
 YER 1.33 131 ePn 46 31.00 -0.4
 EZN 1.90 344 ePn 46 40.00 0.5
 DST 2.03 38 ePn 46 41.50 0.0
 EDC 2.43 15 ePn 46 48.00 0.8
 BNT 2.45 16 ePn 46 48.00 0.5
 KCT 2.47 24 ePn 46 50.00 2.2X
 ALN 2.99 346 eP 46 54.10 -1.0

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

NOV 10, 1992 15h 46m 50.92±0.32s
 31.784 S ± 4.8km 70.182 W ± 6.0km
 DEPTH = 117.0 ± 4.7 km
 4.2mb (2 obs.)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 4.7 (SAN).

RTBS 0.63 79 iPc 47 11.40 1.7
 JACH 0.96 201 iPd 47 13.20 0.5
 iS 47 29.70
 ROCH 1.38 210 iPd 47 16.96 -0.4
 PEL 1.42 197 iP+ 47 17.75 0.1
 (S) 47 41.09
 RTLL 1.53 73 ePc 47 19.50 0.5
 S 47 43.50
 FCH 1.54 183 iPd 47 20.51 1.1
 iS 47 42.52
 MDZ 1.57 135 iP 46 22.30 -57.2X
 CFA 1.67 84 iPc 47 21.80 1.2
 TLL 1.70 341 iPd 47 20.80 -0.4
 iS 47 43.50
 SAN 1.71 194 iPd 47 21.26 0.1
 iS 47 44.26
 IHA 1.75 225 iPc 47 20.70 -0.8
 iS 47 42.10
 PCH 1.85 189 iPd 47 23.30 0.4
 iS 47 47.48
 TACH 1.97 199 iPd 47 23.74 -0.6
 iS 47 49.10
 LCCH 2.05 214 iPd 47 24.43 -0.9
 CHCH 2.18 190 iPd 47 26.77 -0.3
 iS 47 55.29
 CACH 2.35 188 iPd 47 30.11 0.7
 iS 47 59.89
 LNV 2.40 205 iPd 47 28.56 -1.3
 (S) 47 55.53
 RFA 3.31 155 iPd 47 42.20 0.2
 S 48 15.00
 RTPR 3.48 66 iPd 47 43.70 -0.5
 MRA 3.85 101 ePc 47 49.30 0.1
 TCA 4.79 86 iP 48 01.00 -1.2
 CYA 5.05 50 iPd 48 02.20 -3.5X
 ANT 8.05 358 eP 48 38.50 -8.1X
 SLA 8.15 32 iPc 48 45.50 -2.6
 CCH 14.80 15 eP 50 15.00 -0.8
 CNCB 15.04 8 iPc 50 20.20 1.1
 LPB 15.30 8 P 50 23.20 1.0
 ZOBO 15.54 7 P 50 24.20 -1.2
 FVM 71.93 343 eP 58 03.50 0.4
 0.8s 5.30nm 4.4mb
 ePp 58 32.70 116kmX
 LIC 72.58 71 P 58 07.00 -0.4
 KIC 72.89 71 P 58 08.90 -0.4
 PV10 78.63 330 eP 58 43.00 1.6
 SRU 79.88 329 eP 58 48.93 0.9
 TNP 82.18 324 eP 59 02.00 1.9
 0.7s 1.56nm 3.9mb
 WB2 123.44 208 iPKPc 05 35.40 -0.8
 0.4s 8.90nm
 WRA 123.45 208 PKP 05 35.80 -0.4
 0.5s 3.00nm
 GBA 145.26 114 PKP 06 16.60 -0.2
 HYB 148.31 109 ePKP 06 25.00 3.2X
 S.D. = 1.0 on 34 of 38 obs.

NOV 10, 1992 15h 52m 15.03±0.53s
 38.024 N ± 5.7km 26.949 E ± 4.4km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 ML 3.9 (THE), 3.5 (ATH). MD 3.7 (ISK).

IZM 0.45 33 iPg 52 23.80 -0.4
 CIN 1.00 115 iPg 52 32.00 -1.9
 iSg 52 47.00
 PRK 1.33 337 ePg 52 39.00 -0.6
 YER 1.38 130 ePn 52 40.00 -0.4
 EZN 1.86 345 iPn 52 46.10 -1.1
 KHL 2.05 81 ePn 52 52.50 2.4
 DST 2.05 39 iPn 52 49.50 -0.5
 KCT 2.48 26 iPn 52 56.40 0.3
 ATH 2.55 270 ePb 52 58.00 0.9
 ELL 2.68 117 ePn 53 00.00 0.9
 BCK 2.94 100 ePn 53 02.50 -0.2
 ALN 2.95 347 ePnc 53 02.22 -0.6
 eSn 53 47.10
 NPS 2.96 202 ePn 53 11.50 8.6X
 PAIG 3.18 308 ePn 53 07.86 1.9
 eSn 53 55.14
 GBZT 3.37 34 ePn 53 21.00 12.3X
 ISK 3.45 28 ePn 53 11.00 1.2
 VLI 3.45 249 ePn 53 09.50 -0.4
 ITU 3.47 27 ePn 53 17.00 6.9X
 iSg 54 04.00

HRT 3.50 36 ePn 53 11.00 0.4
 AGG 3.76 287 ePn 53 12.78 -1.5
 KDZ 3.81 342 iP 54 14.00 59.0X
 DMK 3.84 9 ePn 53 13.40 -2.1
 SOH 3.94 316 ePn 53 17.42 0.5
 SRS 4.03 321 ePn 53 18.22 0.1
 LIT 4.04 302 ePn 53 17.54 -0.8
 RZN 4.04 336 iP 54 18.00 59.6X
 DIM 4.17 345 iP 54 21.00 61.0X
 MMB 4.34 326 eP 54 22.00 59.4X
 KNT 4.43 316 ePn 53 23.82 0.0
 VAY 4.72 316 ePn 53 29.40 1.5
 KKB 4.85 323 iP 54 30.00 60.2X
 VTS 5.38 329 iP 54 37.00 59.5X
 MLR 7.50 355 eP 54 07.50 0.3
 S.D. = 1.2 on 24 of 33 obs.

* NOV 10, 1992 16h 04m 44.71±1.66s
 31.663 S ± 8.3km 71.799 W ± 17.2km
 DEPTH = 20.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.1 (SAN).

JACH 1.44 135 iP 05 09.88 0.0
 iS 05 27.72
 ROCH 1.47 153 iPd 05 10.13 -0.2
 iS 05 29.16
 TLL 1.72 30 iPd 05 14.30 0.2
 iS 05 35.00
 PEL 1.75 148 iPd 05 14.64 0.3
 iS 05 37.27
 LCCH 1.82 174 iP+ 05 15.29 0.1
 FCH 2.09 143 iP 05 19.73 0.2
 iS 05 46.18
 TACH 2.11 160 iP 05 19.98 0.4
 iS 05 47.85
 PCH 2.23 151 iP 05 21.81 0.5
 LNV 2.31 172 iP 05 21.43 -0.8
 iS 05 54.28
 CHCH 2.46 157 eP 05 24.44 -0.1
 eS 05 56.54
 CFA 3.04 90 ePd 05 34.30 1.6
 TCA 6.16 89 eP 06 14.80 -2.2
 S.D. = 1.0 on 12 of 12 obs.

* NOV 10, 1992 17h 35m 59.88±1.62s
 32.727 S ± 11.2km 71.619 W ± 12.2km
 DEPTH = 50.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.0 (SAN).

IHA 0.30 184 eP 36 09.10 0.1
 iS 36 17.10
 ROCH 0.57 116 iPd 36 12.03 -0.2
 iS 36 21.69
 LCCH 0.75 177 iPd 36 14.61 0.3
 iS 36 25.77
 JACH 0.87 87 iP+ 36 15.15 -0.9
 iS 36 26.59
 PEL 0.89 118 iP+ 36 16.22 -0.1
 iS 36 28.87
 SAN 1.08 132 iP 36 19.43 0.5
 iS 36 34.16
 TACH 1.09 148 iPd 36 19.28 0.3
 iS 36 34.45
 LNV 1.24 172 iPd 36 20.45 -0.6
 (S) 36 36.60
 FCH 1.27 119 iPd 36 21.43 -0.4
 iS 36 38.16
 PCH 1.29 134 iP 36 22.05 0.2
 iS 36 39.42
 CHCH 1.45 146 iP 36 24.23 0.1
 iS 36 42.87
 MDZ 2.34 95 eP 36 37.20 0.5
 iS 37 10.40
 RTCV 2.75 73 ePc 36 43.00 0.5
 S 37 16.00
 S.D. = 0.5 on 13 of 13 obs.

NOV 10, 1992 17h 39m 43.50±0.26s
 40.514 N ± 3.8km 27.096 E ± 2.3km
 DEPTH = 7.6 ± 2.0 km
 TURKEY (366)
 ML 3.8 (THE). MD 3.6 (ISK).

EDC 0.61 106 iPg 39 57.00 1.3
 BNT 0.65 104 iPg 39 56.90 0.4

10d 17h

ALN	0.89	296	ePgc	40 02.24	1.5	60.153 N	152.953 W	TRF	3.54	20	eP	47 29.61	-2.4		
			eSg	40 13.96		DEPTH = 110.3km		KTH	3.55	15	eP	47 29.30	-2.7		
KCT	1.00	105	iPg	40 02.90	0.2	SOUTHERN ALASKA	(2)	CVA	3.60	81	ePc	47 29.71	-2.9		
			eSg	40 16.90		<AEIC>		KLU	3.70	66	ePd	47 30.43	-3.6		
DMK	1.40	21	iPg	40 08.40	-0.9			RND	3.80	29	eP	47 32.70	-2.7		
DST	1.49	127	iPn	40 11.40	0.8	ILIM	0.07 183 iPc	46 52.52	0.9	TOA	3.83	56	P	47 33.20	-2.6
ISK	1.59	69	iPn	40 11.50	-0.5		eS	47 04.72		SGAM	3.87	81	eP	47 32.56	-3.7
GBZT	1.81	81	ePn	40 16.00	0.8	INE	0.11 211 iPc	46 52.57	0.7	MCK	4.06	26	eP	47 37.06	-1.9
			iSg	40 42.00			eS	47 05.06		TZL	4.12	59	eP	47 37.36	-2.3
DIM	1.93	323	iP	40 17.00	0.0	INW	0.12 226 iPc	46 52.65	0.8	RAGM	4.13	83	eP	47 36.73	-3.2
HRT	1.98	80	iPn	40 16.40	-1.4	RS1	0.32 17 iPc	46 53.41	-0.7	KAIM	4.29	89	eP	47 39.18	-2.8
IZM	2.12	176	ePn	40 23.00	3.3X	RS2	0.33 17 iPc	46 53.42	-0.8	SDG	4.29	53	eP	47 39.00	-3.1
RZN	2.15	304	iPd	40 21.00	0.7	RSO	0.33 18 iPc	46 53.36	-0.8	HMT	4.34	84	eP	47 39.77	-2.9
EYL	2.33	88	ePn	40 22.00	-0.9	RDW	0.34 12 iPc	46 53.36	-0.9	PAX	4.56	48	ePd	47 42.89	-2.9
PLD	2.40	312	iP	40 24.00	0.2	REF	0.36 20 iPc	46 53.52	-0.8	GLB	4.66	70	eP	47 41.45	-5.7
PAIG	2.68	258	ePnd	40 27.20	-0.6		eS	47 06.71		NEA	4.79	20	eP	47 46.19	-2.7
			eSn	40 57.92		RDN	0.37 15 ePc	46 53.67	-0.7	WRH	4.89	26	eP	47 47.27	-3.0
SRS	2.73	284	ePnd	40 28.40	0.0	NCT	0.41 2 iPc	46 53.74	-0.7	CROM	4.90	79	eP	47 47.74	-2.8
			eSn	40 59.68		DFR	0.46 17 iPc	46 53.78	-1.0	MLY	5.00	11	eP	47 48.91	-2.9
ALT	2.74	121	ePn	40 28.50	-0.2	OPT	0.52 196 IPd	46 54.38	-0.7	WAX	5.03	82	eP	47 48.00	-4.3
MMB	2.76	294	iP	40 29.00	0.0	PDB	0.72 240 IPd	46 55.84	-0.8	TGL	5.05	79	eP	47 49.63	-2.9
SOH	2.86	277	ePn	40 30.44	0.0		eS	47 10.36		SNH	5.05	85	eP	47 49.96	-2.6
			eSn	41 02.60		AUL	0.81 198 IPd	46 56.62	-0.8	HDA	5.10	31	ePd	47 50.10	-3.1
KHL	2.88	139	ePn	40 31.00	0.3	AUE	0.82 195 IPd	46 56.53	-1.0	CCB	5.10	26	eP	47 49.71	-3.5
PGB	3.00	314	iP	40 32.00	-0.2	HOM	0.83 126 ePc	46 56.72	-0.8	DJE	5.17	38	eP	47 51.59	-2.6
PVL	3.00	335	iP	40 32.00	-0.3	AUP	0.83 197 ePd	46 56.83	-0.8	MDM	5.29	22	ePd	47 52.81	-3.0
CIN	3.01	165	ePn	40 32.00	-0.4		eS	47 12.41		BALM	5.30	76	eP	47 52.29	-3.8
THE	3.15	273	ePn	40 34.20	-0.1	AUW	0.83 199 IPd	46 56.78	-0.8	FBA	5.33	24	eP	47 52.69	-3.6
KNT	3.25	283	ePnc	40 36.44	0.6	AUH	0.83 198 IPd	46 56.83	-0.8	DOT	5.47	46	eP	47 55.29	-3.0
			eSn	41 12.72		AUI	0.85 197 ePd	46 56.80	-1.0	GLM	5.49	26	ePd	47 55.16	-3.4
KKB	3.32	295	iP	40 36.00	-0.8		eS	47 12.07		YAH	5.59	83	iPc	47 57.49	-2.6
VAY	3.52	285	iPn	40 40.50	0.8	XLV	0.94 138 eP	46 57.19	-1.4	CTGM	5.79	77	eP	48 00.21	-2.6
LIT	3.55	265	ePn	40 39.40	-0.6	CNPM	1.07 125 iPc	46 58.77	-1.3	IMA	5.95	357	eP	48 02.15	-2.8
VTS	3.58	307	iP	40 41.00	0.3		eS	47 15.86		MBC	19.87	23	eP	50 59.00	-2.9
GRG	3.59	279	ePn	40 41.20	0.5	CKL	1.09 16 iPc	46 59.54	-0.8	95 obs. associated					
			eSn	41 21.16		BRLK	1.11 110 eP	46 59.03	-1.5	& NOV 10, 1992 19h 50m 42.78s					
AGG	3.96	249	ePn	40 44.36	-1.6		eS	47 15.97		59.997 N 148.928 W					
SKO	4.51	291	ePn	41 11.50	17.8X	CKT	1.11 19 eP	46 59.89	-0.7	DEPTH = 12.7km					
			i	42 08.50		SPU	1.12 23 eP	47 00.05	-0.6	KENAI PENINSULA, ALASKA (14)					
ISR	4.64	355	eP	41 39.00	43.4X	CKN	1.14 19 IPd	47 00.18	-0.7	<AEIC>. ML 2.5 (AEIC).					
CFR	4.73	9	eP	41 49.00	52.2X	BGL	1.15 14 IPd	47 00.44	-0.6	SEW	0.28	292	iPc	50 48.77	-0.1
MLR	5.05	351	iPc	41 02.00	0.6	CP2	1.17 17 ePd	47 00.75	-0.6		eS	50 53.40			
VR1	5.36	357	ePd	41 05.50	-0.3	CRP	1.18 19 IPd	47 00.13	-1.3	MPA	0.54	337	iPd	50 52.91	-0.7
CLI	6.03	1	ePc	41 15.00	-0.2	MCNL	1.20 216 IPd	47 00.22	-1.2		eS	51 00.60			
S.D. = 0.7 on 33 of 37 obs.							eS	47 17.96		LT1	0.54	85	eP	50 53.00	-0.7
NOV 10, 1992 18h 26m 27.61 ± 1.26s						CGLM	1.25 21 ePd	47 01.15	-1.0		eS	51 01.62			
31.452 S ± 12.2km 69.268 W ± 7.8km						CDD	1.28 196 IPd	47 00.81	-1.6	MTU	0.64	90	iPc	50 55.11	-0.3
DEPTH = 136.2 ± 12.6 km							iS	47 19.87		KNIM	0.69	59	ePd	50 55.33	-0.9
SAN JUAN PROVINCE, ARGENTINA (137)						NCG	1.31 17 IPd	47 01.98	-0.9	SLKM	0.82	309	ePc	50 57.63	-0.9
MD 4.0 (SAN).						SLKM	1.40 74 ePc	47 01.85	-2.0		S	51 08.97			
RTBS	0.26	217	iPd	26 46.20	-0.6	SYI	1.57 169 ePd	47 04.13	-1.7	PTE	0.87	357	iPd	50 58.65	-0.6
RTLL	0.69	80	iPc	26 49.30	0.4		eS	47 25.00			eS	51 11.02			
			S	27 01.00		SVW	1.63 307 iPc	47 04.89	-1.7	BRLK	1.01	258	eP	51 00.45	-1.3
RTCV	0.74	123	iPd	26 48.90	-0.4		S	47 26.95			eS	51 13.52			
			S	27 02.00		SUA	1.70 39 IPd	47 06.51	-1.1	CNPM	1.26	249	ePc	51 04.15	-1.8
CFA	0.89	100	iPc	26 50.00	-0.5		eS	47 28.90			eS	51 20.40			
			S	27 05.00		SEW	1.75 90 eP	47 05.56	-2.5	GLI	1.27	45	ePc	51 03.79	-2.3
MDZ	1.47	166	iP	26 56.40	0.2	MPA	1.82 78 ePc	47 06.87	-2.0		eS	51 21.02			
			iS	27 17.30			eS	47 29.48		HIN	1.28	71	ePc	51 04.10	-2.2
JACH	1.66	222	iP	26 58.98	0.5	SKT	1.96 20 IPd	47 09.26	-1.5	PMS	1.29	346	ePd	51 04.79	-1.7
FCH	2.06	205	eP	27 04.43	1.0	PMS	2.00 55 P	47 09.60	-1.7		eS	51 22.25			
			iS	27 31.76		PTE	2.07 68 ePc	47 09.63	-2.5	HOM	1.41	257	eP	51 06.59	-1.6
PEL	2.07	215	iPd	27 03.84	0.6		eS	47 34.90		FID	1.43	57	iPc	51 05.76	-2.7
			iS	27 29.73		PWA	2.13 44 P	47 11.10	-1.7		eS	51 24.20			
ROCH	2.12	224	iP+	27 03.97	0.0	PLRM	2.36 51 eP	47 13.06	-2.9	KNK	1.44	9	ePd	51 06.90	-1.7
PCH	2.41	206	iP	27 08.62	1.1		eP	47 12.36	-3.6		eS	51 25.96			
			iS	27 38.89		KDC	2.42 174 ePd	47 13.09	-3.7	PLRM	1.60	357	ePd	51 09.40	-1.5
TACH	2.61	212	iP	27 09.62	-0.4		eS	47 41.78		CVA	1.68	69	ePc	51 09.25	-2.7
			iS	27 41.09		KNK	2.54 58 ePd	47 15.38	-3.0	VLZ	1.71	47	eP	51 11.04	-1.4
RTPR	2.63	65	ePc	27 10.60	0.4		eS	47 45.22		SUA	1.72	330	eP	51 11.38	-1.3
CHCH	2.74	205	iP+	27 12.00	0.3	GHO	2.55 49 ePd	47 15.73	-2.8	PWA	1.72	345	eP	51 12.73	0.1
			iS	27 44.53			eS	47 45.80		GHO	1.78	0	eP	51 12.47	-1.1
LCCH	2.80	223	iPd	27 11.91	-0.6	LT1	2.56 90 ePc	47 15.67	-2.9	SML	1.84	9	eP	51 12.75	-1.6
			iS	27 44.24		KNIM	2.61 83 ePc	47 15.56	-3.7	SGAM	1.92	73	iPc	51 12.74	-2.8
LNV	3.08	215	iP	27 14.61	-1.5	MTU	2.66 91 eP	47 17.53	-2.5	REF	1.95	286	eP	51 15.66	-0.4
			eS	27 49.53		SML	2.80 52 IPd	47 18.81	-3.0		eS	51 39.26			
MRA	3.17	108	ePc	27 17.90	0.6	GLI	2.99 73 eP	47 20.40	-3.9	SPU	1.95	309	eP	51 13.98	-2.0
			S	27 43.00		TTA	3.15 334 IPd	47 24.27	-2.3	DFR	1.96	289	eP	51 14.49	-1.7
RFA	3.38	169	ePc	27 19.20	-0.9	SCM	3.22 56 ePd	47 24.36	-3.2	RSO	1.97	285	eP	51 15.29	-1.0
			S	27 57.20		HIN	3.22 83 eP	47 24.44	-3.1	RS1	1.97	285	eP	51 15.53	-0.8
TCA	4.00	90	iP	27 28.00	-0.4										

CKN 2.02 309 eP 51 15.56 -1.5
 ILIM 2.03 274 eP 51 16.43 -0.6
 CRP 2.04 310 eP 51 16.72 -0.6
 CKL 2.07 307 eP 51 16.82 -0.9
 CP2 2.07 309 eP 51 17.05 -0.8
 NCT 2.07 288 eP 51 16.43 -1.4
 KLU 2.11 43 ePc 51 16.51 -1.7
 NCG 2.12 313 eP 51 17.31 -1.2
 BGL 2.13 308 eP 51 17.47 -1.1
 RAGM 2.16 78 eP 51 15.97 -3.0
 OPT 2.20 263 eP 51 18.51 -1.1
 HMT 2.36 80 eP 51 18.56 -3.3
 SKT 2.36 329 eP 51 21.03 -0.8
 TOA 2.50 31 eP 51 23.19 -0.7
 PDB 2.66 268 eP 51 25.04 -1.1
 TZL 2.67 38 eP 51 25.63 -0.6
 GLB 2.90 58 eP 51 27.54 -2.0
 CRQM 2.97 73 eP 51 27.44 -3.2
 WAX 3.07 79 eP 51 28.07 -3.8
 PAX 3.41 28 eP 51 35.05 -1.8
 BALM 3.42 69 eP 51 33.56 -3.4

53 obs. associated

? NOV 10, 1992 20h 25m 07.18±3.05s
 65.985 N ±16.4km 6.110 E ±35.0km
 DEPTH = 10.0km (geophysicist)
 NORWEGIAN SEA (642)
 MD 3.4 (BER).

MOL 3.49 169 eP 26 03.08 0.6
 HYA 4.84 180 eP 26 21.39 -0.3
 NRA0 5.81 153 Pn 27 12.51
 Sn 26 34.84 -0.5
 HFS 6.80 146 eP 26 49.60 0.2
 0.1s 0.50nm 4.5mb
 ARA0 8.15 55 Pn 27 08.29 0.0
 Sn 28 36.14
 S.D. = 0.6 on 5 of 5 obs.

% NOV 10, 1992 20h 41m 47.90±1.70s
 16.748 N ±17.8km 98.522 W ±10.9km
 DEPTH = 33.0km (normol)
 NEAR COAST OF GUERRERO, MEXICO (58)

ACX 1.29 276 (P) 42 10.00 0.3
 OXX 1.75 79 eP 42 16.50 -0.2
 eS 42 47.00
 III 1.85 331 (P) 42 16.50 -1.6
 (S) 42 48.00
 TPM 2.28 347 (P) 42 25.50 1.3
 PPM 2.31 358 (P) 42 25.00 0.1
 S.D. = 1.5 on 5 of 5 obs.

NOV 10, 1992 21h 08m 56.44±0.77s
 53.884 N ±3.0km 160.688 E ±2.4km
 DEPTH = 53.7 ± 7.0 km
 5.6mb (123 obs.) 5.3MsZ (39 obs.)
 NEAR EAST COAST OF KAMCHATKA (218)
 Felt (III) at Petropavlovsk-
 Komchotskiy.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 38S, 85C
 Centroid Location:
 Origin Time 21:09: 1.6 0.2
 Lat 53.62N 0.02 Lon 161.26E 0.02
 Dep 45.8 1.4 Half-duration 1.9
 Moment Tensor: Scale 10**17 Nm
 Mrr=4.30 0.08 Mtt=-0.80 0.13
 Mff=-3.50 0.09 Mrt=1.90 0.14
 Mrf=1.21 0.17 Mtf=-2.55 0.12
 Principal Axes:
 T Vol= 4.94 Plg=73 Azm=351
 N 0.51 12 216
 P -5.46 12 123
 Best Double Couple: Mo=5.2*10**17
 NP1: Strike=197 Dip=35 Slip= 68
 NP2: 44 58 105

PET 1.50 235 iPnd- 09 21.50 0.2
 eS 09 40.00
 SKR 4.28 223 ePn 10 01.20 0.6
 iS 10 50.20
 SMY 8.12 93 eP 10 49.45 -4.8X
 eS 12 13.39

MGD 8.24 323 ePnc+ 10 58.00 2.2
 Z 14s 40.00um
 N 14s 16.00um
 E 14s 27.00um
 eS 12 36.00
 SEY 10.02 338 ePn 11 24.50 4.2X
 Z 18s 27.00um
 KUR 11.99 229 iPnd 11 49.80 2.9X
 Z 16s 11.80um
 N 16s 11.20um
 E 16s 14.00um
 YSS 13.33 246 ePnc+ 12 08.00 3.4X
 Z 20s 12.60um
 N 20s 16.10um
 E 20s 6.00um

ADK 13.80 89 eP 14 36.00
 0.6s 65.89nm 5.5mb
 KUSJ 15.08 231 eP 12 21.00 -6.5X
 eS 14 56.40
 ASAJ 15.31 238 eP 12 30.90 0.5
 HOOJ 16.30 232 eP 12 37.70 -5.2X
 eS 15 27.50

MRRJ 17.33 237 eP 12 54.60 -1.3
 AOMJ 19.09 234 eP 13 13.50 -3.8X
 eS 16 34.20
 OFUJ 19.67 229 eP 13 18.70 -4.9X
 eS 16 50.80
 ANM 20.11 45 (P) 13 27.77 -0.2
 YAMJ 21.15 230 eP 13 39.90 1.1
 SDN 22.33 70 P 14 00.00 9.6X

Z 22s 5.97um 5.0MsZ
 NIJJ 22.38 231 P 13 51.50 0.4
 TIK 22.51 334 iPc+ 13 52.00 0.0
 1.4s 103.00nm 5.1mb
 Z 15s 11.60um 5.4MsZ
 iPPP 14 16.00

KAKJ 22.72 227 P 13 55.50 1.1
 MAT 23.32 231 iPc+ 14 00.30 0.0
 1.3s 596.15nm 5.9mb
 Z 20s 1.77um 4.5MsZ
 eS 18 10.00

CHJJ 23.37 229 P 14 01.60 0.9
 MTMJ 23.47 232 P 14 03.30 1.5
 TTA 23.97 51 eP 14 06.65 0.2
 0.9s 48.19nm 5.0mb

SVW 24.16 55 eP 14 08.62 0.4
 1.8s 298.25nm 5.5mb
 TSRJ 25.18 233 P 14 18.30 0.2
 IMA 25.22 43 ePc 14 17.52 -0.9
 0.8s 27.36nm 4.8mb
 BRW 25.38 31 eP 14 20.11 0.5
 CRP 25.83 54 eP 14 24.56 0.4
 SPU 25.88 55 eP 14 23.73 -0.8
 BOD 25.98 298 iPc 14 25.60 0.2

1.2s 131.00nm 5.3mb
 KDC 26.17 62 eP 14 25.72 -1.4
 0.8s 22.03nm 4.8mb
 WKYJ 26.44 232 eP 14 30.30 0.4
 YONJ 26.68 237 P 14 32.50 0.5
 PMR 27.24 53 eP 14 36.84 0.0

0.8s 22.84nm 4.8mb
 Z 20s 4.45um 5.0MsZ
 TKSJ 27.37 234 eP 14 39.10 0.9
 SHK 27.59 237 eP 14 41.70 1.4
 FBA 27.62 46 ePc 14 39.36 -0.9
 0.9s 26.05nm 4.9mb

CIT 28.04 286 eP 14 44.00 -0.2
 TOA 28.57 52 eP 14 49.50 0.6
 SHNJ 28.70 239 eP 14 51.80 1.5
 KLU 28.78 53 eP 14 50.68 -0.2
 KUMJ 30.11 237 P 15 02.90 0.0
 BALM 30.56 53 (P) 15 07.56 0.8
 KAGJ 31.18 235 P 15 13.00 0.7
 BJI 32.80 263 eP 15 24.50 -1.9

Z 18s 6.76um 5.4MsZ
 N 16s 4.60um
 E 16s 2.90um
 eS 20 34.00
 IRK 33.15 291 eP+ 15 27.00 -2.3

Z 17s 8.60um 5.5MsZ
 N 16s 7.14um
 E 18s 6.16um
 e 16 51.20
 e 20 34.00

ZAK 34.58 288 eP 15 41.50 -0.1
 1.8s 34.00nm 5.0mb

Z 15s 10.51um 5.7MsZ
 E 17s 16.76um
 e 17 04.00
 eS 21 12.00
 eSS 23 12.00

MOY 35.25 291 eP 15 47.00 -0.3
 NRI 35.27 324 eP 15 46.00 -1.3
 1.0s 34.00nm 5.2mb
 Z 18s 51.00um 6.3MsZ
 N 18s 9.00um
 E 18s 15.00um

e 17 17.00
 e 23 55.00
 MBC 36.17 24 ePc 15 55.20 0.3
 0.9s 21.00nm 5.1mb
 SSE 36.29 247 eP 15 57.30 1.0
 1.4s 39.00nm 5.1mb

Z 20s 4.10um 5.2MsZ
 E 16s 2.00um
 S 21 34.00
 ELT 42.29 301 iPc 16 44.00 -1.8
 1.0s 150.00nm 5.7mb
 Z 14s 7.40um 5.7MsZ

e 18 36.50
 eS 23 02.00
 YKA 42.34 43 eP 16 46.10 -0.1
 0.6s 14.50nm 4.9mb
 LZH 42.70 269 P 16 48.00 -1.7
 1.5s 145.00nm 5.5mb

Z 18s 7.36um 5.6MsZ
 N 14s 2.71um
 eS 23 30.00
 NVS 42.96 304 iPc 16 49.00 -2.3
 1.5s 181.00nm 5.6mb

i 17 06.00
 i 18 26.00
 e 18 41.50
 e 19 00.00
 UKR 44.34 299 eP 17 00.00 -2.5
 0.8s 80.00nm 5.5mb

Z 23s 5.00um 5.4MsZ
 N 23s 6.00um
 eS 23 22.00
 KBS 46.15 352 eP 17 17.50 0.9
 CVP 46.92 235 ePc 17 23.00 -0.3

SHW 47.80 66 (P) 17 30.07 -0.1
 BAG 48.63 235 eP 17 35.20 -1.7
 DPW 48.89 62 eP 17 38.83 0.4
 VGB 49.02 66 eP 17 39.73 0.3
 NEW 49.21 61 eP 17 40.00 -0.9

1.3s 62.26nm 5.5mb
 Z 22s 3.95um 5.4MsZ
 DAG 49.62 360 iPd 17 42.20 -1.3
 0.7s 55.48nm 5.7mb
 Z 22s 2.07um 5.1MsZ

BRVK 50.21 308 iP 17 46.00 -2.4
 0.6s 30.00nm 5.5mb
 N 19s 2.82um
 E 18s 4.06um
 eS 24 58.00

FHC 50.33 73 (P) 17 50.52 1.0
 1.3s 96.26nm 5.7mb
 SES 50.90 56 eP 17 53.00 -0.8
 1.2s 58.00nm 5.5mb
 PLP 51.19 227 ePc 17 54.70 -1.5

WDC 51.29 72 eP 17 56.68 -0.1
 1.2s 27.24nm 5.2mb
 KMI 51.31 260 P+ 17 56.00 -1.4
 5.0s 0.80nm 3.0mb X
 Z 22s 4.10um 5.4MsZ

N 16s 2.60um
 E 18s 3.90um
 S 25 20.00
 SVE 51.96 317 ePd 18 09.50 7.9X
 1.9s 40.00nm 5.1mb
 Z 15s 6.00um 5.8MsZ
 N 15s 2.50um
 E 15s 4.50um

eS 25 19.00
 eSS 29 00.00
 KEV 52.18 341 iP 18 02.70 -0.4
 0.7s 16.00nm 5.2mb
 Z 20s 2.10um 5.2MsZ
 LR 44 40.00
 ORV 52.57 72 eP 18 06.06 -0.4
 FCC 52.64 39 ePc 18 09.00 2.3
 APA 52.69 337 iP 18 06.80 -0.1

10d 21h

PRZ	53.05	293	eP	18	09.50	-0.7		Z	20s	1.50um	5.1msz		Z	20s	2.45um	5.4msz					
	1.6s	30.00nm				5.1mb		KHT	61.81	256	eP	19	12.60	0.6							
	Z	22s	4.20um			5.4msz		MOL	61.98	346	eP	19	12.20	-0.4	WLVO	70.29	41	P	29	13.24	-0.9
ARU	53.06	317	ePc	18	07.30	-2.5		OBN	62.04	327	ePd	19	11.30	-1.8	EKA	70.34	350	Pd	20	06.40	0.6
	0.7s	100.00nm				6.0mb			0.8s	102.00nm			6.0mb			0.6s	51.80nm			5.6mb	
	Z	15s	6.50um			5.8mszX			Z	20s	5.10um		5.7msz		TYNO	70.40	43	P	20	05.11	-1.2
	N	16s	4.00um						N	20s	4.40um				ANN	70.42	321	eP	20	06.00	-0.4
	E	15s	3.70um						E	20s	1.80um					Z	21s	3.30um		5.6msz	
			e	18	25.00						eS	27	34.00			N	20s	7.00um			
			e	19	12.00						ePS	28	08.00			E	20s	4.50um			
TLG	53.07	295	eP	18	08.00	-2.2		UPP	62.81	340	iP	19	17.70	-0.4	STCO	70.58	42	P	20	06.72	-0.7
	2.4s	27.00nm				4.9mb		NB2	62.88	344	P	19	17.40	-1.2	BRNL	70.61	339	ePc	20	07.00	-0.4
	Z	13s	2.10um			5.4mszX			0.5s	59.80nm			6.0mb		BRN	70.65	340	eP	20	09.00	1.3
	N	15s	2.00um					NNT	62.93	253	eP	19	19.70	0.3	UYO	71.05	58	iPc	20	09.30	-1.2
	E	15s	2.80um					JAQ	62.96	34	eP	19	17.50	-1.7	ELC	71.10	52	ePc	20	10.05	-0.6
			eS	25	48.00			HFS	63.30	342	eP	19	20.10	-1.3	OJC	71.18	335	eP	20	11.00	0.0
LRM	53.22	61	eP	18	11.50	0.0			0.5s	53.60nm			5.9mb			0.6s	82.00nm		5.8mb		
KTK1	53.51	342	eP	18	12.16	-0.8			Z	18s	986.00um		8.0mszX				i	20	14.10		
TRO	53.69	344	eP	18	13.54	-0.7				LR	44	05.00			XDE	71.19	350	ePc	20	10.20	-0.7
ARN	54.08	74	eP	18	17.11	-0.5		HYA	63.52	347	eP	19	21.65	-1.1	MIAR	71.19	57	eP	20	10.73	-0.6
CMB	54.25	73	eP	18	18.69	-0.2		NDI	63.64	283	eP	19	21.50	-2.5		0.8s	20.38nm		5.1mb		
	1.2s	26.15nm				5.1mb		TUC	63.80	71	eP	19	25.71	0.6		Z	18s	1.76um		5.4msz	
SDF	54.29	340	iP	18	18.20	-0.5			0.8s	5.70nm			4.7mb				S	29	41.34		
DAV	54.59	224	eP	18	22.80	1.3		ALO	64.20	66	eP	19	27.65	-0.2	RSNY	71.22	38	eP+	20	09.89	-1.4
FRU	54.85	296	eP	18	21.00	-2.2			0.9s	17.39nm			5.1mb			0.7s	11.97nm		4.9mb		
	2.0s	70.00nm				5.3mb			Z	22s	2.22um		5.3msz			Z	21s	1.24um		5.1msz	
	Z	20s	6.00um			5.7msz					S	28	03.04				S	29	27.67		
	N	20s	4.80um					ASK	64.31	347	iPd	19	28.30	0.4	CBM	71.35	33	iPc	20	11.68	-0.4
	E	19s	4.50um					KONO	64.46	344	iPc	19	29.30	0.4			S	29	45.31		
			e	19	25.00			MNK	65.78	332	eP	19	33.00	-4.4X	KSP	71.45	337	iPc	20	12.30	-0.3
MEMM	55.32	72	eP	18	27.37	0.8			Z	20s	4.30um		5.7msz		OLY	71.46	55	eP	20	11.57	-1.3
BONR	55.48	71	eP	18	28.25	0.1		JFWS	66.13	49	eP	19	38.55	-1.3	ERE	71.47	314	iP+	20	13.00	0.0
HVU	55.83	64	eP	18	31.06	0.6			0.5s	17.46nm			5.3mb			Z	20s	4.00um		5.7msz	
LOF	55.88	346	eP	18	29.38	-0.9			Z	22s	2.68um		5.4msz				ePPP	24	40.00		
TNP	55.99	71	eP	18	31.58	-0.2					S	28	30.82				e	29	30.00		
	0.7s	15.94nm				5.2mb		ACO	66.70	59	iPd	19	42.10	-1.5			eS	29	52.00		
BW06	56.82	62	iPc	18	37.00	-0.7		ASH	66.82	303	eP	19	44.00	-0.4	KIS	71.48	327	iPd-	20	12.50	-0.3
	1.4s	65.75nm				5.5mb		KAT	66.87	305	eP	19	49.00	4.4X		Z	16s	5.50um		5.9mszX	
DUG	56.92	66	eP	18	38.13	-0.2			Z	14s	2.50um		5.6mszX				i	20	31.00		
	0.8s	13.07nm				5.0mb			E	14s	4.00um						eS	29	48.00		
ISA	57.01	73	eP	18	37.62	-1.2					e	20	04.00				e	30	08.00		
	0.8s	10.91nm				5.0mb		MAIO	67.53	301	eP	19	48.00	-1.0	WIT	71.49	344	eP	20	14.00	1.2
	Z	21s	1.92um			5.2msz					eS	28	37.00		HYB	71.51	274	iPd	20	12.50	-1.0
			S	26	33.99			MUD	67.57	343	iP	19	49.90	1.1		1.0s	60.00nm		5.5mb		
ABL	57.16	75	eP	18	39.79	-0.4			0.7s	35.00nm			5.5mb		SIM	71.52	323	eP	20	10.00	-3.1X
DAU	57.60	65	eP	18	44.07	0.8			67.72	341	ePd	19	47.50	-2.2		Z	24s	4.00um		5.6mszX	
LOE	57.92	255	eP	18	45.20	-0.1		COP	67.75	40	eP	19	51.00	0.9	CLL	71.74	339	iPc	20	13.80	-0.5
ULM	58.02	47	ePc	18	48.50	2.8X		EEO	67.77	340	iP	19	50.00	0.0		1.4s	210.00nm		5.9mb		
GSC	58.21	73	eP	18	47.00	-0.3		BSD	0.5s	92.00nm			6.1mb			Z	20s	1.50um		5.3msz	
EMUT	58.27	65	eP	18	47.50	-0.4			0.8s	32.65nm			5.5mb		BRG	71.95	339	iPc	20	15.00	-0.6
CHG	58.41	258	ePc	18	47.70	-1.0		MKS	68.24	225	iPc	19	55.00	1.6		2.0s	150.00nm		5.6mb		
	0.8s	32.65nm				5.5mb		QUE	68.30	292	eP	19	53.30	-0.7	UZH	71.97	332	eP	20	15.50	-0.2
MSU	58.47	67	eP	18	49.32	0.1		GRO	68.36	315	eP	19	52.00	-1.9		2.0s	143.00nm		5.6mb		
RSSD	58.67	57	ePc+	18	50.35	-0.3		EDR	68.71	350	ePc	19	55.60	-0.3	SPC	72.02	334	eP	20	16.70	0.5
	0.6s	38.14nm				5.7mb		IPM	68.78	247	ePc	19	56.50	-0.3	WTS	72.26	343	ePc	20	17.50	0.2
	Z	21s	2.78um			5.4msz			0.6s	34.80nm			5.5mb			0.7s	95.00nm		5.8mb		
KAF	58.90	337	iP	18	50.30	-1.3		PYA	68.89	317	iP	19	56.00	-1.2	WME	72.36	351	eP	20	16.30	-1.6
	0.6s	125.10nm				6.2mb			1.0s	100.00nm			5.7mb		CLI	72.39	328	ePd	20	12.50	-5.8X
SRU	58.93	65	eP	18	52.12	-0.3			Z	20s	5.00um		5.7msz		MIM	72.54	34	eP	20	19.39	0.3
BDT	59.62	257	eP	18	55.30	-1.7			N	20s	3.00um				PRU	72.65	338	Pc	20	20.00	0.3
	0.9s	30.30nm				5.4mb			E	20s	3.00um					0.7s	46.80nm		5.5mb		
PUL	59.93	334	(P)	18	58.00	-0.7		LNO	69.01	58	e(P)	19	56.80	-1.1		Z	18s	2.40um		5.5msz	
	Z	18s	4.50um			5.6msz		TUL	69.01	58	e(P)	19	57.10	-0.9		N	17s	1.70um			
	N	18s	2.80um						0.8s	36.40nm			5.4mb			E	17s	1.30um			
	E	18s	3.60um						Z	20s	1.97um		5.3msz		VRAC	72.81	336	iPc	20	21.30	0.7
			e	19	43.00						e	29	06.00			1.2s	474.30nm		6.3mb		
NST	60.22	255	eP	19	05.00	3.8X					e	34	24.00				i	21	15.80		
NUR	60.69	337	iP	19	02.80	-1.1					e	37	20.00		HOF	72.91	340	iPc	20	21.50	0.2
	0.5s	36.00nm				5.8mb					LR	42	39.00		VR1	73.18	328	ePc	20	23.00	0.2
AKU	60.75	359	iP	19	05.00	0.8					iS	29	00.80		BNS	73.19	343	ePc	20	22.40	-0.4
	0.9s	87.39nm				5.9mb		KIV	69.10	317	iPc	19	57.90	-0.7	ETA	73.23	352	eP	20	23.80	0.8
GLA	60.97	73	eP	19	05.69	-0.5					ePc	19	58.10	-0.3	CFR	73.34	327	iPc	20	23.00	-0.7
MOS	61.18	327	eP	19	07.00	-0.3		EDU	69.12	350	ePc	19	58.40	-0.9	LMN	73.36	31	eP	20	26.50	2.6
	1.5s	110.00nm				5.8mb		ELO	69.27	351	ePc	19	58.40	-0.9	POO	73.40	279	iPc	20	26.20	1.6
	Z	22s	5.20um			5.6msz			0.6s	93.00nm			5.9mb		TRT	73.45	230	ePd	20	06.60	-18.1X
	N	22s	5.60um					EBH	69.47	351	ePc	19	59.90	-0.6		1.1s	152.70nm				
	E	22s	3.50um						0.9s	119.00nm			5.8mb		ENN	73.59	344	ePc	20	25.00	-0.1
			e	19	18.00			EAB	69.61	351	ePc	20	00.80	-0.5		0.8s	111.00nm		5.8mb		
			e	19	48.00			ESY	69.71	350	ePc	20	01.30	-0.6	ECB	73.60	352	eP	20	26.00	0.8
GOL	61.23	61	eP	19	08.58	0.4			0.7s	123.00nm			5.9mb		ECB	73.60	352	eP			

KLL	73.64	343	iPc	20 25.40	-0.1	Z	19s	56.07nm	5.7mb	PZZ	79.42	341	P	20 56.91	-1.2		
TNS	73.67	342	iPc	20 26.10	0.4	GBZT	76.81	324	iP	20 43.50	-0.2	ROB	79.47	341	P	20 58.19	-0.1
KHC	73.67	338	Pc	20 26.20	0.5	TRI	76.86	337	ePd	20 43.50	-0.3	FIN	79.49	340	P	20 58.01	-0.3
	1.0s	56.10nm		5.4mb		PRM	76.89	49	eP	20 43.90	-0.3	SURF	79.50	341	P	20 59.24	0.6
Z	18s	2.20um		5.5MsZ		GRR	76.91	347	iPc	20 44.10	0.0	PAIG	79.50	328	eP	20 57.24	-1.1
N	18s	1.80um					0.6s	82.25nm	5.9mb	RJF	79.60	345	iPc	20 59.70	0.8		
E	16s	1.20um				WB2	76.95	205	iPd	20 43.80	-0.8		0.8s	29.15nm		5.3mb	
				20 29.00			0.9s	29.00nm	5.3mb		Z	22s	0.30um		4.6MsZ		
BOM	73.73	280	iPc	20 26.00	-0.4	WRA	76.95	205	P	20 39.50	-5.1X	ENR	79.63	341	P	20 58.06	-1.1
				20 33.70			1.4s	1.40nm	3.8mb X	STV	79.63	341	P	20 58.10	-1.1		
ZST	73.73	336	iP	20 26.20	0.2	PGB	76.96	329	iP	20 45.00	0.4	LIT	79.71	329	eP	20 58.48	-1.1
MEM	73.73	344	iPc	20 26.04	0.1	DIM	76.99	327	iP	20 45.00	0.4	KZN	79.74	329	eP	20 59.50	-0.3
ECP	73.76	352	eP	20 26.30	0.3	VDL	77.05	340	iPc	20 46.20	1.0	IMI	79.84	340	P	21 00.53	0.3
	0.6s	115.00nm		6.0mb		RIY	77.05	336	iPd	20 44.90	0.0	CAF	79.89	345	eP	21 01.70	1.2
MLR	73.76	329	ePc	20 26.00	-0.4	PLD	77.20	328	iP	20 46.00	0.2	SBF	0.7s	46.75nm		5.5mb	
SRO	73.78	335	iP	20 26.60	0.3	VTs	77.22	329	iP	20 46.00	-0.1		79.97	341	iPc	21 01.50	0.5
WET	73.81	339	iPc	20 27.10	0.6	LPF	77.29	348	iPc	20 46.40	0.2	LFF	0.9s	128.40nm		5.9mb	
	0.8s	107.00nm		5.8mb		LOR	0.8s	56.95nm	5.6mb			80.07	346	eP	21 02.50	1.1	
UCC	73.81	345	P+	20 26.00	-0.4		77.32	344	iPc	20 46.40	0.0	FAM	0.9s	80.25nm		5.7mb	
VKA	73.85	336	iPc	20 26.70	0.0	Z	0.8s	76.30nm	5.8mb	LPO	80.23	318	eP	21 03.00	0.6		
	2.5s	373.00nm		5.9mb		TMA	Z	22s	0.35um	4.6MsZ		80.26	345	eP	21 03.50	1.1	
ISR	73.89	328	ePd	20 28.00	1.0	RZN	77.54	340	iPc	20 48.20	0.4	VLO	0.7s	77.40nm		5.7mb	
BUD	73.90	334	eP	20 27.20	0.2	L8F	77.57	328	iP	20 48.00	-0.1	FRF	80.27	331	iP	21 03.20	0.7
GEC2	73.91	338	eP	20 27.50	0.3		77.58	344	iPc	20 47.70	-0.2		80.42	341	eP	21 03.80	0.5
	0.8s	58.30nm		5.6mb		SSF	0.7s	20.15nm	5.2mb	BHL	0.9s	71.75nm		5.6mb			
				20 30.50			77.58	344	iPc	20 47.90	0.1		80.51	316	P	21 03.00	-1.1
HGH	73.95	349	ePc	20 27.50	0.3	PLE	0.8s	54.80nm	5.6mb	CSS		S	31	06.00			
HRV	74.07	37	P+	20 28.06	0.0	KOD	77.65	332	iPc	20 49.16	0.8	LRG	80.52	319	eP	21 03.60	-0.4
Z	22s	1.22um		5.1MsZ		MMK	77.77	341	iPc	20 50.20	1.0		80.57	341	iPc	21 05.00	0.9
SNF	74.10	345	iPc	20 28.04	-0.1	DIX	77.82	271	eP	20 49.40	-0.6		0.8s	95.35nm		5.8mb	
T8R	74.27	40	eP	20 28.64	-0.6	ALN	77.84	341	iPc	20 50.70	1.1	ASPA	Z	23s	0.45um		4.8MsZ X
DEV	74.31	331	ePd	20 30.00	0.6	AVF	77.86	327	eP	20 48.40	-1.0		80.63	205	iPc	21 04.40	-0.1
COZ	74.40	330	eP	20 32.00	1.9	KKB	77.87	344	iPc	20 49.60	0.2		1.0s	50.80nm		5.4mb	
DOU	74.46	344	P	20 30.70	0.5	SMF	0.7s	50.70nm	5.6mb		Z	23s	0.70um		4.9MsZ X		
	0.7s	70.00nm		5.7mb			77.92	329	iP	20 51.00	1.2	LMR		eS	31	07.40	
WLF	74.62	343	Pc	20 31.50	0.4	IVA	77.93	344	iPc	20 50.00	0.2		80.66	341	iPc	21 05.30	0.8
				20 33.60		EMS	0.9s	42.90nm	5.5mb	SRN	0.9s	97.30nm		5.7mb			
PSN	74.66	326	iP	20 32.00	0.5	MMB	77.93	332	iPc	20 50.15	0.3	RMQ	80.66	330	iPc	21 04.60	0.0
KLI	74.73	239	eP	20 32.00	-0.2	PVY	77.94	342	ePc	20 50.80	0.7		80.70	191	iPc	21 04.70	-0.1
				21 22.00		ORX	77.97	328	iP	20 51.00	0.9	TPM	0.6s	16.00nm		5.1mb	
KAS	74.75	321	eP	20 33.50	1.4	8GF	78.16	331	iPc	20 51.23	0.0	AGG	80.74	71	(P)	21 05.50	0.0
BUC1	74.76	328	ePc	20 32.00	0.0	NKY	78.17	341	P	20 51.42	0.2	KEK	80.75	328	eP	21 05.08	-2.0
GZR	74.79	331	ePc	20 32.50	0.2	8RY	78.17	345	eP	20 51.50	0.4	IGT	80.88	330	eP	21 05.50	-0.2
NAV	74.86	47	eP	20 32.13	-0.7	SKO	0.9s	44.05nm	5.5mb	PGF	80.89	330	eP	21 05.36	-0.4		
FUR	75.08	339	iPc	20 34.30	0.5		78.23	332	iPc	20 51.12	-0.5		80.92	339	iPc	21 06.50	0.4
BLA	75.11	46	eP	20 34.12	-0.1		78.28	333	iPc	20 51.11	-0.8	PPCY	0.7s	54.70nm		5.6mb	
	0.7s	22.14nm		5.2mb			78.31	330	iP	20 52.00	0.1		80.97	319	eP	21 05.50	-0.8
KER	75.12	308	eP	20 35.00	0.5	BCI		LR	01	16.00		III	81.00	71	(P)	21 08.50	1.5
BHG	75.16	338	eP	20 35.00	0.7	RSL	78.35	331	eP	20 50.20	-1.9	HRI	81.00	316	eP	21 06.70	-0.1
	0.8s	70.00nm		5.6mb		SRS	78.37	342	P	20 53.18	0.8	ATH	81.03	327	eP	21 07.00	-0.8
GBA	75.17	273	P	20 36.00	1.3	LSO	78.44	328	iP	20 52.17	-0.5	MTHF	81.27	327	eP	21 07.00	-0.8
CDF	75.62	342	iPc	20 37.20	0.2	LPL	78.49	341	P	20 54.40	1.2	JARJ	81.75	344	P	21 13.36	3.1X
	1.0s	101.20nm		5.7mb		TTG	78.52	342	iPc	20 54.50	1.2	BURJ	81.84	315	Pd	21 12.91	1.9
K8A	75.66	338	iPc	20 38.50	1.1	LPG	0.8s	99.40nm	5.8mb	EPF	81.90	315	P+	21 13.18	1.9		
DZM	75.80	174	iPc	20 38.10	-0.1	TCF	78.52	332	iPc	20 52.78	-0.2		82.00	346	eP	21 13.00	1.4
WTTA	75.86	339	iPc	20 39.10	0.6	MAF	78.53	342	iPc	20 54.80	1.3	GRBF	0.8s	29.80nm		5.4mb	
	0.7s	94.10nm		5.8mb			0.8s	99.40nm	5.8mb	VLS	82.06	329	eP	21 11.50	-0.4		
PVL	76.00	328	iP	20 41.00	2.0	GRG	78.55	345	iPc	20 53.90	0.7	SALJ	82.15	315	Pc	21 13.54	1.0
SLE	76.02	341	ePc	20 39.00	-0.2	MFF	0.6s	36.45nm	5.5mb	KFNJ	82.28	315	P+	21 16.04	2.9		
PTJ	76.15	335	eP	20 40.30	0.3	VAY	78.57	347	iPc	20 53.80	0.5	ETER	82.32	344	iPd	21 15.51	2.3
HAU	76.18	343	iPc	20 40.20	0.1		0.7s	41.55nm	5.5mb	MASJ	82.38	315	Pc	21 15.26	1.5		
	1.0s	100.40nm		5.7mb			78.57	329	iP	20 54.00	0.7	EMON	82.51	351	iPd	21 15.97	1.7
Z	17s	0.28um		4.6MsZ X		HVAR	0.7s	80.00nm	5.8mb	MKRJ	82.56	315	P+	21 16.72	2.0		
ZAG	76.22	335	iPc	20 40.70	0.4	KNT	78.58	334	iP	20 53.00	-0.3	MBL	82.60	218	eP	21 11.50	-3.3X
BSF	76.27	342	iPc	20 40.50	-0.2	LSF	78.62	329	eP	20 53.70	0.1		0.5s	14.00nm		5.2mb	
	0.9s	63.20nm		5.6mb			78.68	345	iPc	20 54.20	0.3	VLI	82.67	327	eP	21 14.00	-1.1
ZLA	76.31	341	Pc	20 41.20	0.3	RSP	0.8s	59.35nm	5.6mb	ECRI	82.81	348	iPc	21 16.88	1.0		
QIS	76.33	200	eP	20 39.00	-2.1	BDV	78.77	341	P	20 54.53	0.0	EGRA	82.92	346	iPc	21 17.74	1.5
LJU	76.36	336	eP	20 41.00	-0.1	SOH	78.77	332	iPc	20 53.66	-0.8	YTIR	82.96	315	eP	21 16.80	0.0
OGA	76.37	339	iPc	20 42.10	0.7	PHP	78.79	328	eP	20 53.88	-0.7	NPS	83.10	324	eP	21 16.50	-0.9
	0.7s	80.00nm		5.8mb		ULC	78.87	331	iPc	20 53.70	-1.3	GHZJ	83.16	314	Pd	21 19.45	1.5
FLN	76.50	347	iPc	20 41.50	-0.3	GRG	78.95	329	eP	20 54.96	-0.5	STS	83.17	352	iPc	21 19.02	1.4
	0.8s	70.40nm		5.7mb		GRN	78.96	332	iPc	20 55.32	-0.2	ERUA	83.53	351	iPc	21 21.00	1.5
Z	19s	0.32um		4.7MsZ		8H8	79.06	341	P	20 54.99	-1.0	EROQ	84.15	345	iPc	21 23.29	0.7
VOY	76.52	337	ePc	20 42.20	0.1	RRL	79.08	341	P	20 57.60	1.2	ETOR	84.51	347	iPd	21 26.13	1.6
LDF	76.61	347	iPc	20 42.20	-0.3	PCP	79.10	340	P	20 56.23	0.0	HQL	84.80	315	iPd	21 26.60	0.6
	1.0s	54.40nm		5.5mb		LACI	79.12	331	iPc	20 56.30	0.0	GUD	84.95	348	iPc	21 27.08	0.3
CEY	76.67	336	eP	20 42.50	-0.4	SSB	79.14	343	P	20 57.19	0.7	WARB	85.00	210	eP	21 27.00	0.1
VBY	76.69	336	iPc	20 43.20	0.3	FIR	79.26	338	eP	20 58.00	1.0	NANU	85.50	221	eP	21 29.00	-0.4
OSS	76.72	340	ePc	20 44.10	0.8	PRK	79.28	326	eP	20 56.70	-0.5	ECHE	85.56	346	iPd	21 32.07	2.3
LLS	76.78	340	iPc	20 44.30	0.6	TIR	79.35	331	eP	20 58.50	1.0	TOL	85.69	348	iPd	21 33.50	3.1X
CEH	76.80	46	eP	20 43.22	-0.4							EPLA	85.73	350	iPc	21 31.33	0.7

10d 21h

MEEK 88.06 217 eP 21 40.00 -1.8
 BWA 88.59 190 eP 21 45.00 0.8
 MAL 88.84 348 eP 21 50.50 4.9X
 CNB 89.37 189 eP 21 50.00 2.1
 1.2s 31.00nm 5.5mb
 CAN 89.41 190 eP 21 48.60 0.5
 BCAA 113.84 318 iPKPd 27 30.50 -0.3
 0.3s 5.00nm
 TIC 118.51 344 PKP 27 39.40 -0.3
 KIC 118.74 343 PKP 27 39.80 -0.3
 LIC 118.92 344 PKP 27 40.10 -0.3
 ZOBO 126.80 65 PKP 27 54.00 -2.3X
 LR 22 11.00
 LPB 127.02 65 (PKP) 27 55.00 -1.5
 CNCB 127.31 65 PKPc 27 57.40 0.2
 SIV 130.19 57 ePKP 27 50.00 -12.0X
 e 28 05.00
 JOZ 134.25 284 ePKP 28 01.50 -7.9X
 WIN 138.41 304 ePKPc 28 10.00 -7.7X
 TCA 140.67 74 e(PKP) 28 16.20 -5.2X
 CER 145.92 291 iPKPd 28 32.50 2.2X
 0.9s 50.00nm
 NVL 158.17 207 ePKP 28 46.00 -0.7
 2.0s 25.00nm
 e 29 21.00
 e 33 00.00

S.D. = 1.0 on 376 of 406 obs.

• NOV 10, 1992 21h 18m 44.57± 1.94s
 18.932 N ±20.2km 66.512 W ± 7.7km
 DEPTH = 54.0 ± 9.1 km
 PUERTO RICO REGION (90)

APR 0.52 203 P 18 56.80 0.4
 MCP 0.76 228 P 18 58.80 -0.6
 CLLP 0.85 184 P 19 01.00 0.5
 LPR 0.87 135 P 19 00.00 -0.9
 SJG 0.89 157 iP 19 01.00 -0.1
 CPD 1.05 147 P 19 03.00 -0.3
 MGP 1.07 211 P 19 03.70 0.2
 CPB 4.63 105 eP 19 54.69 1.0
 BPA 4.81 112 eP 19 55.99 -0.3
 OLLA 8.87 182 iPc 20 53.30 0.4
 ZOBO 35.03 183 eP 25 34.00 -1.0
 CNCB 35.55 182 eP 25 40.00 0.7
 S.D. = 0.7 on 12 of 12 obs.

% NOV 10, 1992 21h 40m 25.38± 2.26s
 18.600 N ±19.7km 66.382 W ± 7.4km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

APR 0.36 246 P 40 33.00 0.2
 CLLP 0.55 200 P 40 37.30 0.8
 S 40 50.11
 LPR 0.57 121 P 40 36.60 -0.3
 S 40 48.60
 PORP 0.59 204 P 40 37.70 0.3
 CPD 0.71 141 P 40 39.70 0.3
 MCP 0.71 256 P 40 40.60 1.1
 MGP 0.89 229 P 40 40.10 -2.4
 S.D. = 1.4 on 7 of 7 obs.

? NOV 10, 1992 21h 45m 23.18± 6.96s
 19.319 N ±49.1km 66.441 W ±12.8km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

APR 0.90 198 P 45 41.30 0.8
 MCP 1.10 215 P 45 44.10 0.3
 LPR 1.14 152 P 45 44.00 0.3
 SJG 1.23 167 iP 45 46.00 -0.1
 CLLP 1.24 186 P 45 46.10 -0.1
 S 45 59.00
 PORP 1.27 188 P 45 46.00 -0.8
 MGP 1.44 205 P 45 48.80 -0.5
 S.D. = 0.7 on 7 of 7 obs.

& NOV 10, 1992 21h 45m 54.40s
 65.250 N 133.568 W
 DEPTH = 10.0km (geophysicist)
 NORTHERN YUKON TERRITORY, CANADA(677)
 <PGC>. ML 4.1 (PGC).

DWY 2.79 247 P 46 40.00 0.0
 Sg 47 20.50
 HYT 4.79 204 P 47 06.70 -1.7

Sn 48 00.00
 Sg 48 22.50
 BALM 5.80 227 eP 47 22.78 0.1
 PLBC 5.96 194 P 47 23.90 -0.8
 FBA 6.03 273 eP 47 21.97 -3.7
 TOA 6.43 246 e(P) 47 41.00 9.5
 DLB 7.05 165 P 47 36.50 -3.6
 MUB 7.30 146 P 47 40.50 -3.1
 Sg 49 42.60
 PMS 8.25 248 eP 48 07.20 10.3
 IMA 8.34 285 eP 47 54.90 -3.3
 BRW 10.45 316 e(P) 48 11.40 -15.7
 MBC 11.94 17 eP 48 41.50 -5.8
 0.4s 4.00nm 5.1mb X
 12 obs. associated

& NOV 10, 1992 21h 49m 23.50s
 63.806 N 149.097 W

DEPTH = 109.9km
 CENTRAL ALASKA (1)
 <AEIC>.

MCK 0.10 136 ePd 49 38.91 1.8
 eS 49 50.73
 RND 0.42 165 iPd 49 39.78 -0.4
 TRF 0.64 237 iPd 49 41.57 -0.3
 eS 49 55.83
 NEA 0.77 1 ePc 49 42.33 -0.4
 eS 49 56.66
 WRH 0.80 33 iPc 49 42.75 -0.2
 KTH 0.85 253 iPd 49 43.20 -0.4
 eS 49 58.09
 HUR 0.87 197 iPd 49 43.08 -0.6
 eS 49 58.26
 CC8 1.02 33 iPc 49 44.70 -0.4
 HDA 1.12 56 iPc 49 45.87 -0.4
 MDM 1.22 18 eP 49 47.14 -0.2
 eS 50 04.50
 FBA 1.24 27 P 49 47.20 -0.4
 GLM 1.40 31 iPc 49 49.03 -0.5
 iS 50 08.61
 MLY 1.42 331 iPd 49 49.10 -0.7
 DJE 1.53 80 iPc 49 50.28 -0.7
 THY 1.54 103 eP 49 52.33 1.1
 PAX 1.84 116 eP 49 54.87 -0.1
 eS 50 21.09
 SML 2.04 170 ePd 49 56.61 -0.9
 GH0 2.04 178 ePd 49 56.87 -0.7
 SDG 2.06 127 eP 49 57.32 -0.5
 eS 50 25.02
 SCM 2.14 157 iPc 49 57.99 -0.9
 SKT 2.14 212 iPd 49 57.12 -1.7
 eS 50 23.88
 TOA 2.17 141 P 49 59.00 -0.2
 PWA 2.19 190 P 49 58.70 -0.7
 PMR 2.22 180 eP 49 59.79 0.0
 PLRM 2.22 180 eP 49 59.62 -0.2
 DOT 2.25 92 iPc 49 59.07 -1.1
 PRP 2.31 40 eP 50 01.61 0.5
 eS 50 28.63
 KNK 2.42 173 ePc 50 01.56 -0.9
 SUA 2.47 199 ePc 50 02.76 -0.5
 PMS 2.58 185 P 50 04.10 -0.5
 KLU 2.75 146 eP 50 05.76 -1.1
 NCG 2.80 212 iPc 50 05.84 -1.7
 CGLM 2.85 210 ePc 50 06.90 -1.3
 CRP 2.92 210 eP 50 08.30 -0.9
 CP2 2.94 211 eP 50 08.40 -1.2
 PTE 2.95 179 ePc 50 08.44 -1.1
 CKN 2.96 210 eP 50 09.16 -0.6
 SPU 2.97 209 eP 50 08.14 -1.7
 BGL 2.97 212 eP 50 08.79 -1.2
 VLZ 2.98 153 eP 50 07.54 -2.3
 IMA 2.99 321 eP 50 09.38 -0.9
 CKL 3.02 211 eP 50 09.69 -0.9
 GLI 3.08 161 eP 50 09.24 -2.1
 TTA 3.24 257 eP 50 11.24 -2.2
 FID 3.30 157 ePc 50 12.38 -1.9
 MPA 3.33 182 ePc 50 13.11 -1.6
 SLKM 3.35 190 iPc 50 13.80 -1.2
 GLB 3.40 132 ePc 50 15.06 -0.7
 KNIM 3.53 169 ePc 50 15.09 -2.3
 CVA 3.63 153 eP 50 16.83 -1.8
 HIN 3.63 159 eP 50 16.35 -2.5
 NCT 3.72 211 eP 50 19.88 -0.2
 SEW 3.72 183 eP 50 18.24 -1.7
 REF 3.73 209 eP 50 19.44 -0.9

RDW 3.76 209 eP 50 20.14 -0.6
 RS2 3.77 209 eP 50 20.53 -0.3
 RSO 3.77 209 eP 50 20.29 -0.5
 RS1 3.77 209 eP 50 20.62 -0.2
 SGAM 3.79 149 eP 50 18.94 -1.9
 LTI 3.82 171 eP 50 19.37 -2.0
 MTU 3.89 169 eP 50 21.50 -0.8
 RAGM 4.01 147 eP 50 24.09 0.1
 SVW 4.06 231 P 50 23.30 -1.4
 HMT 4.16 145 eP 50 25.04 -0.9
 ILIM 4.16 208 eP 50 24.99 -1.0
 BALM 4.19 128 eP 50 25.79 -0.7
 INE 4.20 208 eP 50 27.03 0.4
 INW 4.21 209 eP 50 26.55 -0.2
 CNPM 4.41 194 ePc 50 27.61 -1.9
 WAX 4.46 136 ePc 50 27.66 -2.5
 OPT 4.61 207 eP 50 31.34 -0.8
 PDB 4.70 213 eP 50 32.27 -1.1
 72 obs. associated

? NOV 10, 1992 21h 53m 20.59± 3.43s
 7.835 N ±27.4km 76.027 W ±30.5km
 DEPTH = 33.0km (normal)
 NORTHERN COLOMBIA (99)

BMG 3.80 101 iPc 54 16.00 -2.3
 BOG 4.21 139 eP 54 26.00 1.6
 eS 55 18.00
 SDV 6.22 80 iPnd 54 53.50 0.8
 iSn 56 00.90
 TOV 7.22 74 eP 55 07.20 0.6
 GUAN 11.25 78 eP 55 58.60 -3.7X
 eS 56 17.00
 ZOBO 25.47 160 P 58 46.80 -1.4
 LPB 25.70 160 eP 58 51.00 0.8
 Z 20s 1.42um 4.5Msz
 LR 10 44.00
 CNCB 26.00 160 P 58 52.80 -0.3
 SIV 28.35 147 eP 59 14.00 0.1
 WRA 147.51 245 PKP 13 08.90 7.7X
 0.7s 0.80nm

S.D. = 1.5 on 8 of 10 obs.

NOV 10, 1992 22h 14m 58.56± 0.39s
 38.804 N ± 3.7km 20.589 E ± 2.7km
 DEPTH = 58.6 ± 4.3 km
 4.6mb (29 obs.)

GREECE (364)
 MD 4.5 (TTG), 4.4 (ATH), 4.3
 (HLW), 4.1 (TIR). Felt on Levkas
 and Kerkira. Also felt along the
 west coast of Greece.

VLS 0.63 180 iPnd 15 09.80 -2.1
 IGT 0.75 345 iPgnd 15 14.96 1.5
 KEK 1.10 326 ePn 15 20.00 2.0
 SRN 1.17 337 iPgnd 15 21.00 2.1
 iSg 15 36.80
 LSK 1.34 0 iPn 15 32.30 10.8X
 iSn 15 57.30
 AGG 1.38 80 ePbc 15 23.38 1.5
 eSb 15 38.14
 KZN 1.76 31 ePn 15 29.00 1.8
 VLO 1.86 333 iPnd 15 31.20 2.6
 iSn 16 00.40
 LIT 1.96 48 ePbd 15 31.34 1.3
 eSb 15 54.10
 OHR 2.31 4 iPn 15 36.40 1.5
 GRG 2.56 32 ePn 15 38.70 0.3
 eSn 16 09.35
 THE 2.59 44 ePn 15 39.46 0.7
 eSn 16 09.53
 ATH 2.59 108 ePn 15 38.70 -0.2
 TIR 2.60 348 iPnd 15 41.50 2.6
 iSn 16 13.50
 PAIG 2.65 64 ePnd 15 39.64 0.1
 eSn 16 09.78
 VLI 2.79 137 P 15 41.00 -0.7
 PHP 2.88 358 iPnc 15 44.20 1.2
 iSn 16 17.20
 LACI 2.91 347 iPnd 15 44.20 0.9
 iSn 16 18.50
 SOH 2.93 46 ePnc 15 44.70 0.9
 eSn 16 17.82
 VAY 2.94 31 iPn 15 43.50 -0.3
 iSg 16 37.70
 KNT 2.95 36 ePnd 15 44.21 0.3

SKO	3.23	11	eSn	16	18.58		VKA	1.0s	10.00nm	4.9mb	OBN	19.55	28	iPd	19	24.00	0.1				
	0.6s	154.00nm	iPnd	15	48.70	0.8		9.95	343	eP	17	31.00	9.7X		1.0s	18.00nm	4.3mb				
Z	13s	8.62um	iPb	15	54.80		PPCY	10.20	109	eP	17	21.00	-3.8X	MOS	20.41	28	eP	19	32.00	-0.9	
			iPg	15	57.70					eS	19	07.00				e	19	52.00			
			iSn	16	26.10		SPC	10.39	359	eP	17	26.20	-1.2	UPP	21.16	356	iP	19	40.40	-0.1	
			iSg	16	36.50		BHG	10.53	330	iPd	17	28.70	-0.6	HFS	21.79	351	eP	19	47.10	0.2	
			i	16	43.70		OGA	10.68	322	eP	17	33.30	1.8		0.4s	10.70nm	4.6mb				
			LR	17	18.00		WTTA	10.69	325	iPn	17	30.80	-0.8	Z	16s	198.00um	6.6mszx				
SRS	3.27	44	ePnc	15	48.50	0.1				i(Pg)	17	42.50		NUR	21.88	5	iP	19	46.20	-1.5	
			eSn	16	26.61		CSS	10.90	107	eP	17	32.40	-1.9	NB2	23.02	348	P	19	59.50	0.5	
ULC	3.32	342	iPnd	15	49.47	0.3				eS	19	27.50			0.6s	16.30nm	4.6mb				
			iSn	16	26.12		OSS	10.99	319	ePd	17	35.00	-0.7	KAF	23.60	7	eP	20	03.50	-1.0	
BCI	3.58	354	iPnd	15	53.10	0.2	GEC2	11.20	336	Pn	17	35.80	-2.5		0.3s	6.20nm	4.6mb				
BDV	3.73	339	iPnd	15	54.79	-0.1				Sn	19	36.10		SDF	28.85	5	iP	20	53.00	-0.1	
			iSn	16	35.58		VDL	11.22	317	ePd	17	38.90	0.2	ASH	29.48	80	eP	21	00.00	0.9	
TTG	3.76	345	iPnc	15	55.44	0.1	TMA	11.31	314	ePc	17	38.70	-1.3	MAIO	30.79	82	eP	21	10.00	-0.8	
			iSn	16	37.85		KHC	11.49	336	P	17	40.00	-2.2	SVE	31.77	42	ePc	21	20.00	1.0	
GMB	3.76	262	ePn	15	57.00	1.4		0.9s	3.70nm					BCAO	34.26	184	iPd	21	41.10	0.1	
PVY	3.82	353	iPnd	15	57.55	1.3				e	17	52.50	4.4mb		0.4s	10.00nm	5.1mb				
			iSn	16	41.04		LLS	11.71	317	ePd	17	45.60	0.2	BRVK	36.62	51	iPd	22	00.80	0.2	
HCY	3.97	337	iPnd	15	57.65	-0.7	WET	11.73	334	iPc	17	52.70	7.3X		0.9s	24.00nm	5.1mb				
			iSn	16	40.78		MMK	11.80	312	(P)	17	45.15	-1.5	KIC	39.59	222	P	22	26.70	0.8	
ATN	4.07	263	ePn	16	00.50	0.7	PRU	11.98	341	eP	17	47.00	-1.7	LIC	39.86	222	P	22	29.00	1.0	
IYA	4.10	353	iPnd	16	01.45	1.3				e	20	07.20		FRU	40.50	66	eP	22	34.00	0.8	
			iSn	16	47.77		DIX	12.14	311	ePd	17	50.10	-1.1			e	22	44.00			
NKY	4.18	344	iPnd	16	01.45	0.1	LPG	12.25	308	eP	17	52.70	0.1	LWI	41.54	168	ePc	22	42.90	0.8	
			iSn	16	47.77			0.4s	5.20nm					GKN	53.57	81	P	24	14.10	-1.8	
BRY	4.38	340	iPnd	16	03.47	-0.7	LPL	12.27	308	eP	17	52.30	-0.5	DMN	54.13	81	P	24	18.60	-1.5	
			iSn	16	51.02			0.3s	4.50nm					KKN	54.17	81	P	24	18.50	-1.9	
PRK	4.45	83	ePn	16	04.50	-0.5	KSP	12.42	347	eP	18	10.00	15.5X	GUN	54.57	81	P	24	22.40	-1.2	
EZN	4.56	75	ePn	16	06.20	-0.4	EMS	12.42	310	ePd	17	55.30	0.5	GBA	55.85	100	P	24	31.00	-1.4	
PLE	4.61	349	iPnd	16	07.95	0.6	ZLA	12.42	318	(P)	17	52.79	-1.9	ZAK	57.11	49	eP	24	41.00	0.0	
			iSn	16	59.14		SLE	12.55	319	(P)	17	56.45	0.1	KOD	57.97	103	eP	24	46.40	-1.4	
ALN	4.69	62	ePn	16	07.74	-0.7	GRF	12.78	331	eP	17	58.00	-1.3	GTA	59.48	62	eP	24	57.00	-0.9	
			eSn	16	59.46					e	18	10.40			0.6s	6.00nm	4.9mb				
MNO	4.71	261	ePn	16	09.00	0.0	KOT	12.82	130	ePn	17	52.80	-7.1X	BOD	59.92	38	eP	25	06.50	31kmX	
			eS	16	49.00					eSn	20	03.00		CBM	62.19	309	(P)	25	01.70	1.2	
NPS	5.35	130	ePn	16	16.00	-1.8	FEL	12.87	319	eP	17	59.47	-1.2		0.6s	3.12nm	4.6mb				
HVAR	5.38	326	iPn	16	16.50	-1.6	BRG	12.95	341	eP	18	12.60	11.1X	MBC	62.43	350	eP	25	18.50	1.3	
			iSn	17	12.50					e	18	23.20		HHC	66.64	56	P	25	45.00	-0.1	
EDC	5.83	72	ePn	16	21.00	-3.4X	HRI	13.44	110	eP	18	03.50	-4.7X	XAN	68.49	63	eP	25	56.10	-0.7	
BNT	5.87	72	ePn	16	19.00	-6.0X	ZNT	13.46	115	eP	18	05.10	-3.2X	CN2	73.42	47	Pd	26	26.00	-0.1	
KCT	6.18	74	ePn	16	28.20	-1.1				eS	20	21.10			1.0s	12.00nm	4.8mb				
DMK	6.25	59	ePn	16	28.50	-1.9	BSF	13.48	316	eP	18	08.30	-0.4	ULM	75.23	324	eP	26	42.50	6.0X	
DST	6.29	80	iPn	16	31.20	0.2		0.6s	10.00nm					IMA	75.37	358	eP	26	39.45	2.3	
YER	6.30	103	ePn	16	33.00	1.9	CDF	13.59	319	eP	18	10.50	0.4		0.7s	4.07nm	4.5mb				
DRA	6.48	24	ePd	16	52.00	18.6X		0.3s	3.80nm					CRP	80.11	356	(P)	27	04.54	1.2	
GZR	6.78	13	ePd	16	37.50	-0.3	CLL	13.60	339	iPc	18	19.70	9.7X	SPU	80.19	356	eP	27	04.81	1.2	
BUC1	6.88	35	eP	17	12.00	33.0X		1.1s	23.00nm				RSSD	83.50	323	eP	27	25.00	3.6X		
KHL	7.02	91	ePn	16	41.00	-0.1	HAU	13.83	316	eP	18	12.30	-0.8		0.8s	2.00nm	4.2mb				
COZ	7.08	22	eP	16	48.00	5.9X		0.4s	8.50nm				BW06	87.05	326	eP	27	40.80	1.7		
DEV	7.28	13	ePd	17	21.00	36.4X	JVI	13.85	115	eP	18	08.10	-5.4X		1.1s	3.27nm	4.4mb				
ALT	7.43	85	ePn	16	47.80	1.0	JARJ	14.11	113	Pd	18	13.20	-3.7X	PV10	90.34	323	eP	27	58.70	3.9X	
EYL	7.59	74	eP	16	49.00	0.0	KFNJ	14.12	115	Pd	18	14.90	-2.0	SRU	90.44	324	eP	27	57.01	1.8	
ELL	7.66	103	iP	16	52.50	2.4	LISJ	14.34	117	P	18	15.30	-4.4X	MSU	91.67	325	eP	28	04.17	3.2X	
ISR	7.73	33	ePd	16	52.00	1.1	SAGI	14.41	122	eP	18	14.90	-5.8X	WRA	120.51	92	PKP	33	46.80	1.5	
MLR	7.78	29	ePc	16	51.60	0.0				eS	20	37.50			0.7s	1.00nm					
VBV	7.78	331	iPnc	16	50.20	-1.3	SMF	14.57	308	eP	18	22.90	0.1	WB2	120.52	92	ePKP	33	45.60	0.3	
			iSn	18	14.00			0.8s	16.00nm						0.7s	2.30nm					
ZAG	7.79	336	ePn	16	49.50	-2.2	LBF	14.65	309	eP	18	24.50	0.7	ASPA	122.18	96	ePKP	33	49.00	0.6	
BCK	7.99	97	eP	16	56.60	2.0		0.7s	13.25nm						0.7s	4.70nm					
RIY	8.00	327	iPnc	16	53.20	-1.3	LOR	14.85	310	eP	18	26.40	-0.1								
			iSn	18	20.60			0.3s	3.30nm												
CEY	8.30	329	ePn	16	57.60	-1.1	AVF	14.94	308	eP	18	28.30	0.7								
			eSn	18	27.50			0.6s	6.05nm												
VRI	8.39	31	ePd	17	01.50	1.5	SSF	14.97	309	eP	18	28.60	0.7								
CFR	8.50	39	eP	17	21.00	19.5X		0.7s	18.75nm												
LJU	8.51	330	ePn	17	00.10	-1.4	WLF	14.97	321	P	18	36.00	8.1X								
			eSn	18	30.00		BGF	15.16	306	eP	18	32.30	1.9								
TRI	8.55	326	e(Pn)	16	59.60	-2.6		0.4s	3.55nm												
			i(Sn)	18	33.90		HQL	15.28	124	iPd	18	26.60	-5.5X	KNIM	0.27	214	iPc	29	38.59	-0.3	
			i	18	44.00		ENN	15.82	324	eP	18	45.50	6.7X								
			i	19	08.30			1.0s	19.00nm												
			e(SgSg)	19	31.00		MNK	15.84	15	eP	18	43.00	4.1X	GLI	0.35	28	iPd	29	39.70	-0.4	
FIR	8.60	308	eP	16	55.00	-7.9X	DOU	16.02	320	P	18	46.30	5.0X								
			iS	18	38.00			1.0s	38.90nm												
BUD	8.75	353	ePn	17	04.80	-0.1	KIV	17.35	66	(P)	18	56.90	-1.3	HIN	0.49	111	iPc	29	41.96	-0.7	
VOY	8.75	328	ePn	17	03.50	-1.6	GRR	18.20	309	eP	19	10.50	2.1								
			eSn	18	36.00			0.8s	13.45nm												
PSZ	9.13	357	ePn	17	08.10	-2.0	ERE	18.50	78	eP	19	18.40	6.1X	FID	0.50	69	iPc	29	41.39	-1.3	
SRO	9.16	350	eP	17	06.70	-3.8X	TOL	19.08	281	ePg	19	23.00									

10d 22h

CVA	0.83	91	iPc	29	47.00	-1.3
PTE	0.83	291	iPc	29	47.39	-1.0
			eS	29	58.82	
MPA	0.96	266	iPc	29	49.23	-1.2
			eS	30	02.18	
KNK	0.98	330	iPd	29	49.65	-1.2
			eS	30	03.19	
SGAM	1.10	93	iPc	29	51.12	-1.8
SEW	1.11	246	eP	29	51.40	-1.7
KLU	1.18	38	iPc	29	52.74	-1.6
			eS	30	07.77	
PMS	1.24	304	P	29	53.90	-1.3
SCM	1.26	2	iPd	29	54.46	-1.1
MID	1.28	154	P	29	54.90	-0.7
SML	1.31	341	iPd	29	55.36	-0.8
			eS	30	13.71	
PLRM	1.31	322	eP	29	55.08	-1.1
PMR	1.31	322	eP	29	54.78	-1.4
			eS	30	12.43	
RAGM	1.38	97	eP	29	55.06	-2.1
SLKM	1.38	268	iPc	29	55.58	-1.6
			eS	30	14.22	
GHO	1.40	330	ePd	29	56.62	-0.9
HMT	1.59	97	eP	29	57.92	-2.2
PWA	1.60	313	P	29	59.00	-1.3
KAIM	1.64	112	eP	29	58.84	-2.0
TOA	1.65	21	P	30	00.80	-0.3
TZL	1.76	32	eP	30	02.52	-0.1
SUA	1.84	300	eP	30	02.17	-1.7
NKA	1.88	277	eP	30	03.84	-0.5
GLB	1.97	62	iPc	30	04.07	-1.6
			eS	30	27.97	
CRQM	2.12	83	eP	30	06.10	-1.9
SDG	2.16	24	eP	30	08.14	-0.2
CNPM	2.18	243	ePc	30	06.17	-2.6
WAX	2.27	91	eP	30	07.37	-2.7
TGL	2.27	83	eP	30	08.00	-2.1
SNH	2.32	98	eP	30	08.81	-1.8
SPU	2.34	287	eP	30	10.49	-0.5
CGLM	2.35	290	iPc	30	08.96	-2.2
CRP	2.41	289	iPc	30	09.34	-2.7
			eS	30	42.97	
CKN	2.41	288	eP	30	09.88	-2.1
SKT	2.43	307	ePc	30	10.00	-2.2
NCG	2.45	292	ePc	30	10.08	-2.5
CP2	2.45	288	iPc	30	10.57	-2.1
CKL	2.48	287	iPc	30	10.50	-2.5
BGL	2.52	288	eP	30	11.12	-2.5
BALM	2.54	77	ePc	30	11.53	-2.3
PAX	2.58	20	eP	30	14.04	-0.4
DFR	2.59	273	iPc	30	11.73	-2.9
REF	2.61	270	iPc	30	12.02	-2.9
HUR	2.63	337	P	30	15.60	0.5
RSO	2.63	270	iPc	30	12.42	-2.9
RS2	2.64	270	iPc	30	12.50	-2.9
RS1	2.64	270	iPc	30	12.50	-2.9
RDW	2.66	270	ePc	30	12.78	-2.9
NCT	2.72	272	iPc	30	13.45	-3.0
ILIM	2.79	262	eP	30	14.66	-2.8
YAH	2.82	92	eP	30	15.55	-2.5
RND	2.92	347	P	30	20.30	1.1
CTGM	3.02	80	eP	30	19.46	-1.2
TRF	3.18	336	eP	30	22.10	-1.0
CDD	3.55	245	eP	30	26.58	-1.6
SVW	4.04	281	(Pn)	30	30.42	-4.7
			eS	31	31.08	
FBA	4.34	358	(P)	30	40.93	1.6
IMA	6.19	336	eP	31	05.60	0.1

65 obs. associated

NOV 10, 1992 22h 58m 54.47±0.15s
 23.734 N ± 3.0km 143.183 E ± 3.4km
 DEPTH = 20.4km (10 depth phases)
 5.2mb (55 obs.) 4.8Msz (22 obs.)
 VOLCANO ISLANDS REGION (213)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 10S, 17C
 Centroid Location:
 Origin Time 22:58:50.7 1.6
 Lat 23.71N FIX; Lon 143.16E FIX
 Dep 15.0 FIX Half-duration 1.0
 Moment Tensor; Scale 10**17 Nm
 Mrr=-0.69 0.13 Mtt=0.26 0.13
 Mff=0.42 0.10 Mrt=-1.34 0.24
 Mrr=-0.16 0.29 Mtf=-0.08 0.14
 Principal Axes:

T	Val=	1.21	Plg=35	Azm=178
N		0.44	3	86
P		-1.64	54	352
Best Double Couple: Ma=1.4*10**17				
NP1: Strike=283 Dip=10 Slip= -72				
NP2: 85 80 -93				
GUMO	10.22	171	eP	01 27.40 4.3X
	1.5s	374.50nm		6.5mb X
GUA	10.27	171	eP	01 28.80 4.9X
	1.2s	625.00nm		6.8mb X
KAKJ	12.70	349	P	01 52.50 -4.1X
		S	04 05.30	
CHJJ	12.80	345	P	01 53.60 -4.4X
		eS	04 07.30	
TSRJ	13.32	334	P	02 04.10 -0.8
MAT	13.47	343	eP	02 04.00 -2.9X
	0.8s	78.36nm		5.7mb
		eS	04 20.00	
MTMJ	13.62	341	P	02 05.70 -3.3X
NIIJ	13.93	346	P	02 08.40 -4.6X
		eS	04 34.30	
SSE	20.84	295	P	03 36.50 -0.9
	1.0s	36.00nm		4.7mb
Z	20s	2.80um		4.6Msz
E	16s	1.50um		
		pP	03 47.50	45kmX
CVP	20.85	257	eP	03 50.00 12.4X
PLP	21.36	237	ePd	03 45.50 2.7
BAG	22.43	255	eP	04 03.90 10.2X
YSS	23.23	359	(P)	04 00.00 -1.1
Z	17s	2.50um		4.7MszX
N	17s	1.50um		
		e	04 07.00	25km
		ePPP	07 48.00	
		eSS	09 04.00	
CGP	23.33	232	eP	04 02.50 0.2
MDJ	23.61	335	Pc	04 05.40 0.6
	Z	20s	4.30um	4.9Msz
	N	15s	2.32um	
	E	15s	2.32um	
SNY	24.34	323	Pc	04 12.00 0.1
	0.8s	74.00nm		5.3mb
Z	19s	1.44um		4.5Msz
		S	08 29.00	
CN2	24.76	328	eP	04 17.40 1.4
	1.4s	39.00nm		4.8mb
Z	18s	1.90um		4.6Msz
N	13s	1.49um		
E	13s	0.72um		
		eP	04 22.00	16km
		eS	08 30.00	
TIA	25.68	305	eP	04 22.90 -1.9
	Z	16s	2.24um	4.8MszX
	N	14s	0.98um	
	E	14s	1.63um	
		eS	08 50.50	
WHN	26.49	291	Pd	04 34.00 1.7
		sP	04 45.50	
BJI	27.96	312	eP	04 46.00 0.4
	1.4s	240.00nm		5.7mb
Z	18s	1.12um		4.5Msz
N	16s	0.92um		
E	16s	1.09um		
		eS	09 24.00	
TIY	29.73	305	eP	05 02.60 0.9
	Z	20s	2.00um	4.7Msz
	N	14s	1.07um	
HHC	31.49	310	eP	05 15.60 -1.6
	Z	18s	2.06um	4.8Msz
	N	17s	1.28um	
	E	17s	1.49um	
XAN	31.58	297	eP	05 16.20 -1.8
	Z	20s	1.21um	4.6Msz
	N	14s	1.04um	
BTO	32.48	309	eP	05 25.00 -0.9
	N	15s	0.81um	
	E	16s	0.84um	
GYA	33.11	282	P	05 31.80 0.2
	1.0s	19.00nm		5.0mb
Z	20s	1.88um		4.8Msz
N	16s	0.95um		
E	16s	0.76um		
		pP	05 41.60	34kmX
		S	10 45.60	
PMG	33.16	173	eP	05 31.60 -0.2
CD2	35.61	290	eP	05 52.10 -0.8

Z	18s	1.45um		4.8Msz
N	14s	1.57um		
		eS	11 19.60	
LZH	36.02	299	eP	05 57.50 1.0
	2.0s	37.00nm		4.9mb
Z	22s	1.37um		4.7Msz
N	12s	0.72um		
		pP	06 07.00	32kmX
		PP	07 20.00	
		eS	11 30.00	
		eSS	13 48.00	
CIT	36.17	329	eP	05 58.50 1.1
SVO	36.50	152	P	06 01.00 0.6
MGD	36.73	6	eP	06 00.00 -1.9
	1.2s	90.00nm		5.5mb
		e	06 17.00	68kmX
		eS	11 46.00	
KMI	36.75	281	Pd	06 04.00 1.2
	1.4s	40.00nm		5.1mb
		sP	06 14.00	
HNR	36.81	152	eP	06 03.00 0.0
MKS	36.92	222	ePd	06 06.40 2.4
SMY	37.27	31	P	06 10.00 3.5X
Z	18s	2.04um		4.9Msz
MTN	38.22	199	eP	06 14.30 -0.5
LOE	39.21	269	eP	06 24.40 1.1
GTA	39.72	304	eP	06 27.00 -0.4
Z	16s	1.43um		4.9MszX
E	14s	0.70um		
BOD	39.93	336	iPc	06 29.60 0.9
	1.4s	25.00nm		4.7mb
ZAK	40.75	321	eP	06 34.50 -1.0
	1.7s	34.00nm		4.8mb
Z	16s	1.50um		4.9MszX
E	18s	1.71um		
		eS	12 44.00	
		eSSS	16 17.00	
ADK	41.55	37	eP	06 42.00 -0.1
BDT	41.76	270	iPd	06 43.80 -0.4
	1.9s	48.30nm		4.9mb
QIS	44.16	185	iPd	07 04.10 0.5
	0.1s	12.00nm		5.7mb
WB2	44.26	192	iPd	07 04.40 -0.1
	0.6s	24.60nm		5.2mb
		iPcP	08 50.10	
		eS	13 33.70	
SHL	46.43	283	eP	07 22.50 0.5
		eS	14 05.50	
LSA	46.54	289	iPc	07 25.80 2.6
	1.2s	12.00nm		4.8mb
ASPA	47.97	191	iPc	07 33.20 -0.7
	0.8s	17.10nm		5.1mb
Z	22s	1.40um		4.9Msz
		eS	14 25.00	
TIK	48.62	354	iPd	07 37.00 -1.3
	1.5s	52.00nm		5.3mb
		i	07 51.00	53kmX
		e	09 00.00	
		eS	14 36.00	
WMO	49.31	308	iPd	07 43.50 -0.7
	2.0s	45.00nm		5.1mb
Z	20s	1.07um		4.8Msz
		pP	09 10.00	
		PP	09 32.50	
		S	14 44.00	
		ScS	17 33.00	
QLP	50.03	179	iPd	07 48.90 -0.7
	0.3s	30.00nm		5.8mb
MBL	50.08	209	eP	07 48.00 -2.1
RMO	50.22	173	iPd	07 50.60 -0.5
	0.9s	25.00nm		5.2mb
DZM	50.84	152	iPc	07 56.90 0.9
GUN	51.36	288	P	08 00.60 0.3
BRS	51.66	169	iP	08 02.00 -0.1
SDN	51.77	37	P	08 10.00 7.4X
Z	18s	1.56um		5.1Msz
PKI	51.82	287	P	08 03.20 -0.6
KKN	51.90	287	P	08 03.70 -0.6
DMN	52.08	287	P	08 05.90 0.2
WARB	52.14	199	eP	08 05.50 -0.2
GKN	52.43	288	P	08 07.00 -1.1
ARMA	54.45	171	eP	08 22.50 -0.3
	0.7s	6.00nm		4.7mb
CMS	54.97	177	iPd	08 26.40 -0.1
	1.0s	34.00nm		5.3mb
STK	55.32	182	iPc	08 28.50 -0.5
	0.9s	19.80nm		5.1mb

SVW	55.65	31	eP	08	31.50	0.3
	1.0s	67.50nm				5.6mb
TTA	55.92	29	eP	08	33.10	-0.1
NRI	55.95	339	iPc	08	31.00	-2.1
	1.3s	26.00nm				5.1mb
Z	20s	4.20um				5.5MsZ
E	20s	2.20um				
		eS	16	16.00		
FORT	56.11	196	eP	08	34.00	-0.7
CRP	57.32	31	P	08	42.00	-1.3
SPU	57.36	31	P	08	41.20	-2.2
IMA	57.70	26	ePd	08	46.20	0.3
	1.4s	42.20nm				5.3mb
		pP	08	56.80		35kmX
		sP	09	01.00		
BWA	58.05	175	iPc	08	48.70	0.2
KSH	58.11	303	P	08	50.50	1.4
	Z 16s	1.31um				5.1MsZ
	E 15s	1.17um				
BRW	58.24	19	eP	08	50.10	0.7
COOL	58.27	202	eP	08	48.70	-1.4
MRWA	58.79	208	eP	08	51.50	-2.2
PMR	58.81	31	eP	08	51.90	-1.6
	1.1s	122.70nm				5.9mb
	Z 20s	0.50um				4.6MsZ
FRU	58.84	307	eP	08	54.00	0.0
	2.0s	50.00nm				5.3mb
	Z 18s	0.70um				4.8MsZ
		e	09	44.00		220kmX
CAN	58.99	174	eP	08	55.10	0.1
CNB	59.02	174	iPc	08	55.40	0.2
	1.0s	12.00nm				5.0mb
BAL	59.70	206	eP	08	59.00	-1.0
FBA	59.87	27	eP	09	00.60	-0.2
	0.8s	3.20nm				4.5mb
		pP	09	11.10		35kmX
KLB	60.15	205	eP	09	02.00	-1.1
TOA	60.26	31	eP	09	03.60	0.0
KLU	60.33	31	P	09	03.20	-0.9
HYB	60.40	277	iPd	09	05.50	0.4
BFD	60.59	181	eP	09	05.50	-0.3
TOO	61.02	178	iPd	09	09.50	0.7
	0.9s	50.00nm				5.6mb
BRVK	61.20	319	iPd	09	09.00	-1.0
	1.0s	36.00nm				5.5mb
	Z 18s	0.78um				4.9MsZ
	N 18s	0.39um				
	E 16s	0.50um				
		eS	17	23.00		
BALM	62.03	32	P	09	14.10	-1.6
GBA	62.64	274	P	09	20.00	-0.2
KOD	63.79	270	eP	09	28.00	-0.3
POO	64.32	280	iPd	09	33.50	2.2
SVE	66.44	323	ePd	09	43.50	-0.8
	2.0s	40.00nm				5.2mb
	Z 16s	0.50um				4.8MsZ
	N 16s	0.40um				
	E 16s	0.40um				
		e	10	10.00		106kmX
QUE	67.10	294	eP	09	50.50	1.3
ARU	67.62	323	ePc	09	51.50	-0.3
		e	09	59.50		26km
		e	10	18.00		
MBC	68.89	15	ePd	09	59.00	-0.4
	1.2s	20.00nm				5.1mb
MRW	70.95	155	P	10	11.00	-1.3
MAIO	71.50	302	iPd	10	17.50	1.4
		eS	19	44.00		
ASH	71.92	304	eP	10	19.00	0.6
YKA	74.66	28	eP	10	33.70	-0.2
	0.8s	17.50nm				5.1mb
GMW	75.48	44	P	10	39.40	0.3
APA	75.52	338	iPc	10	38.30	-0.4
BMW	75.55	45	P	10	40.30	

LMEM	78.74	51	P	10	59.00	1.5
NEW	78.78	42	iP	10	57.50	0.2
	1.1s	52.47nm				5.5mb
		pP		11	02.50	16km
MOS	78.99	326	eP	11	03.00	4.8X
		e		11	20.00	61kmX
DAG	79.12	356	iPc	10	58.20	-0.4
	0.8s	9.70nm				4.9mb
ORV	79.15	52	P	10	59.50	0.0
OBN	79.79	326	ePc	11	03.00	0.4
	1.9s	84.00nm				5.4mb
Z	20s	2.30um				5.5MsZ
N	20s	1.10um				
E	20s	1.40um				
COE	79.88	54	P	11	04.20	0.7
ARN	79.95	54	P	11	04.30	0.4
CMB	80.53	53	P	11	07.00	0.0
	0.7s	18.79nm				5.2mb
PYA	80.73	314	iP	11	09.00	1.1
Z	20s	1.00um				5.2MsZ
KAF	80.88	335	iP	11	08.20	-0.1
	0.5s	13.80nm				5.2mb
KIV	81.01	314	eP	11	10.80	1.3
ERE	81.30	310	eP	11	11.00	0.0
		e		21	11.00	
SES	81.49	39	eP	11	12.00	0.3
	1.2s	117.00nm				5.8mb
		pP		11	18.00	19km
KER	81.69	304	eP	11	20.00	6.8X
NUR	82.46	334	iP	11	18.10	1.6
	0.4s	4.50nm				4.9mb
ABL	82.64	55	P	11	18.90	0.6
LRM	82.70	43	ePd	11	18.80	0.4
ISA	82.88	54	P	11	19.30	0.0
	1.1s	17.69nm				5.1mb
PEC	84.59	55	P	11	28.20	0.2
	0.8s	8.81nm				5.0mb
MNK	84.94	328	eP	11	27.00	-2.2
DUG	84.98	48	eP	11	30.60	0.6
	0.5s	7.03nm				5.1mb
		pP		11	36.80	20km
FLM	85.04	56	P	11	29.70	-0.7
FCC	85.22	26	eP	11	34.00	3.5X
DAU	85.94	48	P	11	35.40	0.4
BW06	85.95	45	P	11	34.50	-0.4
	1.2s	7.99nm				4.8mb
MSU	86.19	50	P	11	36.80	0.7
EMUT	86.52	48	P	11	38.10	0.3
GLA	86.71	55	P	11	39.30	0.8
HFS	86.86	337	eP	11	37.40	-1.3
	0.4s	2.40nm				4.8mb
Z	18s	363.00um				7.8MsZ
		LR		46	13.00	
SRU	87.05	48	P	11	40.40	0.1
NB2	87.06	339	P	11	39.20	-0.5
	0.9s	19.50nm				5.3mb
RSSD	88.73	42	eP	11	49.20	0.9
	0.9s	6.76nm				5.0mb
		pP		11	56.10	22km
ULM	89.75	33	eP	11	57.00	4.3X
TUC	90.08	54	P	11	55.70	1.0
	1.1s	9.28nm				4.9mb
GOL	90.22	46	P	11	56.20	0.8
	1.2s	21.38nm				5.3mb
UZH	90.72	325	eP	11	57.50	0.3
Z	18s	0.50um				5.0MsZ
E	18s	1.00um				
		e		12	04.70	22km
OJC	90.99	328	eP	12	02.00	3.6X
		e		12	20.00	64kmX
SPC	91.43	327	eP	11	56.30	-4.4X
		e		12	01.00	15km
		e		12	21.30	
ALQ	91.93	50	P	12	04.40	1.1
	1.3s	30.57nm				5.5mb
KSP	92.25	330	eP	12	03.80	-0.4
CLL	93.41	331	e(P)	12</		

				e	12	39.10	
				e	12	42.80	
				e	12	48.50	
BCAO	119.26	290	1PKPd	17	44.80	0.1	
	1.0s		5.00nm				
			id	19	05.00		
SLR	121.39	253	1PKPc	17	45.00	-3.6X	
NVL	125.33	198	ePKP	17	54.00	-0.6	
SDV	133.71	50	1PKPc	18	13.10	0.6	
PEL	148.89	115	ePKP	18	43.00	4.4X	
TLL	149.11	109	ePKP	18	43.50	4.2X	
ZOBO	149.71	82	PKP	18	40.80	-0.2	
LPB	149.82	82	PKP	18	48.20	7.3X	
CNCB	150.01	83	PKP	18	43.80	2.4X	
RTBS	150.13	113	ePKPd	18	47.00	6.6X	
MDZ	150.45	115	i(PKP)	18	47.30	6.3X	
RTCV	150.87	113	1PKPc	18	48.20	6.5X	
CCH	151.86	83	PKP	18	52.00	8.2X	
TCA	154.28	113	e(PKP)	19	01.00	14.4X	
SIV	155.95	76	PKP	18	54.00	4.9X	
S.D. = 1.0 on 145 of 175 obs.							

%	NOV	10,	1992	23h	46m	12.15±	1.47s
		38.039	N ±	8.7km		26.895	E ±13.0km
		DEPTH =	10.0km			(geophysicist)	
	AEGEAN SEA						(365)
	MD 3.5 (ISK).						

I2M	0.46	39	iPg	46	21.50	0.0	
			eSg	46	27.50		
YER	1.43	129	iPn	46	38.00	-0.1	
E2N	1.84	346	ePn	46	44.20	0.2	
DST	2.07	40	iPn	46	47.10	-0.3	
KHL	2.09	81	ePn	46	48.00	0.3	
EDC	2.42	18	ePn	46	52.00	-0.4	
BNT	2.45	19	ePn	46	52.20	-0.6	
KCT	2.48	27	iPn	46	54.20	0.9	
S.D. = 0.6 on 8 of 8 obs.							

*	NOV	10,	1992	23h	50m	42.45±	1.68s
		39.365	N ±	8.4km		143.626	E ±18.8km
		DEPTH =	10.0km			(geophysicist)	
	OFF EAST COAST OF HONSHU, JAPAN (229)						

OFUJ	1.55	260	iP+	51	09.00	-1.1	
			eS	51	26.80		
AOMJ	2.77	297	eP	51	28.00	0.3	
HOQJ	3.03	355	eP	51	30.20	-1.0	
			eS	52	02.30		
YAMJ	3.05	248	P	51	31.40	-0.2	
MRRJ	3.62	328	eP	51	39.50	-0.1	
KAKJ	4.18	222	P	51	46.90	-0.7	
			eS	52	32.70		
NIUJ	4.21	241	eP	51	48.40	0.3	
CHJJ	4.94	229	P	51	58.00	-0.5	
MAT	5.13	238	iPc	52	01.30	0.2	
GUN	48.68	275	P	59	30.00	0.8	
KKN	49.20	275	P	59	34.00	0.9	
GKN	49.60	276	P	59	37.00	1.0	
S.D. = 0.8 on 12 of 12 obs.							

	NOV	11,	1992				

11d 00h

MNDI	3.83	147	iS eP eS	19 27.30 19 51.50 20 47.00	3.8X		Z	22s	4.66um	5.2MsZ		Z	18s N 16s E 16s	5.39um 2.20um 2.50um	5.6MsZ		
MDG	4.80	119	eP	20 05.50	4.3X	TSRJ	38.61	353	eP	31 50.00 26 10.50	-0.7						
Yyyy	5.49	127	eP	20 14.30	3.1X	CHJJ	38.84	357	P	26 11.50	-1.6	KHZ	48.60	148	P	34 20.00 27 31.00	-0.6
LAT	6.57	125	eP eS	20 28.10 20 41.50	1.9	KAKJ	38.95	358	eP	26 13.70	-0.2	TIY	48.62	329	eP	27 33.00	1.0
PMG	8.51	139	eP	20 52.70	-0.6	SSE	39.00	332	P	26 12.00	-2.5		Z	20s	6.98um	5.6MsZ	
TLE	9.19	253	ePd	21 04.50	1.8		Z	20s	4.10um	5.3MsZ		N	18s	4.55um			
RAB	10.66	97	iPd iS	21 24.00 23 28.00	1.1		E	18s	2.80um					ePcP	2.74um		
MTN	14.27	226	eP	22 09.80	-1.4				PP	27 46.00		BJI	48.68	334	eP	28 58.30 34 31.50	-0.3
	0.4s	251.00nm			6.2mb				S	32 08.00			1.8s	290.00nm		6.0mb	
GUA	16.69	11	eP	22 40.00	-2.4	MAT	39.39	356	eP	26 15.00	-2.6	Z	18s	4.12um		5.5MsZ	
	1.0s	240.00nm			5.3mb		1.8s	172.73nm		5.5mb		N	17s	1.37um			
GUMO	16.73	11	eP	22 39.50	-3.4X		Z	20s	2.84um	5.1MsZ				ePP	29 26.00		
	1.4s	388.30nm			5.3mb				eS	32 11.00				eS	34 32.00		
QIS	17.63	186	eP	22 53.20	-1.0	MTMJ	39.46	355	P	26 16.70	-1.6			eSS	37 56.00		
			eS	26 10.00		NIIJ	40.03	357	eP	26 22.10	-0.8	CN2	48.72	344	Pd	27 32.10	-0.5
CTA	17.66	165	P	22 58.09	3.5X	NJ2	40.92	330	Pc	26 31.00	0.7		1.0s	45.00nm		5.5mb	
KNA	17.92	224	eP	22 57.80	0.1		N	11s	0.80um			Z	17s	3.94um		5.5MsZ	
	0.6s	254.00nm			5.5mb		E	12s	0.64um			N	15s	2.22um			
WB2	18.32	202	eP	23 00.70	-2.0				S	32 36.00		E	15s	0.99um			
	0.7s	50.10nm			4.8mb	SNG	42.08	284	eP	26 46.00	6.0X			eSP	27 50.00		
		iS		26 22.10					eS	32 53.00				ePcP	28 56.00		
WRA	18.33	202	P	23 01.60	-1.2	WHN	42.21	324	eP	26 42.50	1.6			eS	34 30.00		
	1.4s	52.40nm			4.5mb		Z	20s	5.60um	5.4MsZ		PGZ	48.87	145	P	27 31.50	-2.3
DAV	18.80	302	eP	23 10.50	1.9		N	18s	4.10um			MQZ	49.07	150	P	27 34.80	-0.5
SVO	19.17	110	eP	23 12.00	-1.0				eS	33 02.00		ODZ	49.12	153	eP	27 35.30	-0.3
HNR	19.38	110	eP	23 14.00	-1.5	LOE	44.18	299	eP	26 56.00	-1.1	CD2	49.28	316	Pc	27 37.20	0.0
PLP	21.63	311	ePd	23 36.80	-2.0	GYA	44.61	313	P	27 01.60	0.9		1.2s	160.00nm		5.9mb	
MAP	21.90	307	eP	23 41.00	-0.5			1.6s	190.00nm	5.7mb		Z	18s	3.11um		5.3MsZ	
ASPA	21.91	199	iPd	23 41.70	0.1		Z	22s	2.89um	5.2MsZ		N	11s	0.87um			
	0.9s	83.60nm			5.2mb		N	18s	1.11um					PP	29 38.00		
Z	19s	27.80um			5.7MsZ		E	18s	2.13um					S	34 44.30		
		iS		27 42.60		HOOJ	45.12	2	eP	27 04.00	-0.3			ScS	37 25.00		
MKS	22.15	263	iPc	23 59.00	15.0X	TIA	45.13	332	Pd	27 04.40	-0.1	TUZ	49.38	154	P	27 37.30	-0.3
QLP	23.66	174	eP	24 00.00	1.2		Z	16s	5.18um	5.6MsZ			0.8s	124.00nm		6.0mb	
		e		31 30.50			N	15s	1.89um		YSS	49.74	1	eP	27 38.80	-1.5	
TSM	24.73	287	ePc	24 10.50	1.3		E	15s	1.93um			1.2s	40.00nm		5.3mb		
TGY	26.54	310	iPd	24 29.00	2.9X				S	33 40.00		Z	18s	1.90um		5.1MsZ	
BRS	26.59	157	iPd	24 26.00	-0.5	MRRJ	45.14	359	eP	27 04.00	-0.4	N	17s	2.50um			
		i		24 30.00		DL2	45.50	338	P	27 10.00	2.6X			e	29 31.00		
		i		24 41.00			Z	16s	4.55um	5.5MsZ				(S)	34 44.00		
		eS		29 06.00			N	15s	2.65um					ePS	35 00.00		
QCP	26.76	311	eP	24 29.00	0.9		E	15s	2.25um					e	37 22.00		
KKM	26.83	289	ePc	24 26.40	-2.5				S	33 48.00		HHC	51.45	331	P	27 53.80	0.1
MBL	27.85	228	eP	24 36.40	-1.6	KUSJ	45.90	3	eP	27 09.50	-0.9		1.8s	68.00nm		5.3mb	
	0.6s	40.00nm			5.3mb	KUZ	46.05	141	P	27 11.50	-0.3	Z	18s	3.63um		5.4MsZ	
BAG	28.27	313	eP	24 40.10	-1.9	MOZ	46.63	144	eP	27 16.40	0.1	N	17s	1.71um			
		eS		29 22.00		WLZ	46.69	142	P	27 17.80	1.0	E	18s	2.34um			
CMS	28.69	172	eP	24 45.00	-0.5		1.0s	56.00nm		5.5mb		BTO	52.03	330	P	27 58.00	0.0
	1.0s	157.00nm			5.7mb	ASAJ	46.84	1	eP	27 17.90	0.1		1.0s	22.00nm		5.1mb	
STK	28.80	180	eP	24 46.20	-0.3	KMI	46.85	309	Pd	27 20.00	1.5	N	18s	3.65um			
	0.8s	14.80nm			4.7mb		1.5s	40.00nm		5.2mb		E	18s	2.51um			
		iPp		25 23.90	184kmX		Z	23s	4.30um	5.3MsZ			52.39	321	iPd	28 02.00	1.1
ARMA	28.96	162	iPd	24 49.10	1.1		N	14s	1.20um				1.6s	160.00nm		5.7mb	
	0.5s	21.00nm			5.1mb		E	13s	1.00um			Z	26s	3.72um		5.3MsZ	
FORT	30.50	203	eP	25 01.00	-0.6				S	34 10.00		N	15s	1.47um			
	0.5s	61.00nm			5.6mb	QRZ	46.93	148	eP	27 18.60	-0.1			pP	28 12.50	36km	
DZM	30.76	130	iPc	25 02.50	-1.6	AFI	47.34	106	iPc	27 19.00	-3.4X			sP	28 20.00		
NANU	31.91	230	eP	25 13.00	-1.1	SNY	47.45	342	Pd	27 22.00	-0.7			ePP	30 01.00		
BWA	31.98	169	iPc	25 16.00	1.3		1.0s	31.00nm		5.3mb				eS	35 20.00		
ADE	31.99	184	eP	25 15.60	0.9		Z	21s	3.45um	5.3MsZ		SHL	55.81	304	eP	28 26.00	-0.1
RIV	32.03	165	eP	25 03.50	-11.5X		N	16s	1.67um					eS	36 12.00		
		eS		30 14.00			E	11s	0.86um			GTA	56.96	322	P	28 34.00	-0.1
MEEK	32.24	221	eP	25 15.50	-1.6				sP	27 34.00			1.0s	47.00nm		5.5mb	
CAN	32.96	169	iPc	25 24.10	0.9				S	34 16.00		Z	16s	3.14um		5.5MsZ	
		iPcP		26 16.70					sS	34 29.00		E	16s	1.46um			
CNB	33.03	168	iPd	25 24.40	0.6	CNZ	47.52	144	P	27 24.80	1.3			eS	36 27.50		
	1.3s	212.00nm			5.9mb	NGZ	47.54	144	P	27 24.20	0.5			SS	40 15.00		
COOL	33.84	213	eP	25 30.00	-0.9	XAN	47.92	323	P	27 26.20	-0.4	PET	57.56	12	eP	28 37.00	-0.9
	0.6s	65.00nm			5.7mb		1.8s	160.00nm		5.7mb				eS	36 34.00		
BFD	34.10	179	iPc	25 33.20	0.2		Z	28s	3.21um	5.1MsZ				e	38 20.00		
	0.8s	107.00nm			5.8mb		N	16s	1.46um					eSS	40 20.00		
TOO	34.67	175	iPd	25 41.00	3.1X		E	14s	1.17um					eSSS	42 36.00		
	1.0s	373.00nm			6.3mb				pP	27 36.00	33km	LSA	58.08	308	iPd	28 43.60	1.1
QZH	35.56	322	eP	25 48.00	2.4				PP	29 19.00			1.0s	12.00nm		4.9mb	
Z	25s	3.72um			5.0MsZ				S	34 23.00				S	36 42.00		
		S		31 21.00		LTZ	48.21	150	P	27 28.30	-0.4	CIT	59.63	340	eP	28 53.00	0.5
MRWA	35.69	220	eP	25 45.00	-1.7	MNG	48.42	145	P	27 28.80	-1.5	GUN	61.66	304	P	29 06.80	-0.3
	0.7s	54.00nm			5.6mb	SNZO	48.45	147	P	27 16.60	-13.9X	SMY	61.85	22	eP	29 07.10	-0.3
BAL	36.20	218	eP	25 50.00	-1.0				S	34 16.00			1.0s	391.72nm		6.5mb	
KLB	36.27	216	eP	25 50.50	-1.1				e	38 10.00		Z	20s	6.25um		5.8MsZ	
KUMJ	36.70	345	P	25 55.10	-0.1				eP	27 30.20	-0.9	PKI	61.93	303	P	29 08.80	-0.1
MUN	37.46	217	eP	26 03.00	1.4	MDJ	48.52	349	eP			KKN	62.12	304	P	29 10.00	0.0
GZH	37.76	315	eP	26 10.00	5.9X		1.3s	49.00nm		5.4mb							

DMN	62.20	303	P	29	10.40	-0.2				eS	40	02.00			i	36	29.00						
ZAK	62.42	333	iPd-	29	11.60	0.4				e	40	33.00			1.2s	52	eP	32	24.68	0.3			
	1.5s	200.00nm				6.0mb		FRU	75.32	316	ePd	30	32.00	0.8		13.95nm		5.4mb					
Z	16s	1.98um				5.4MszX			2.0s	130.00nm			5.6mb		Z	19s	2.96um		5.8Msz				
N	15s	0.96um						Z	19s	0.50um			4.8Msz			98.96	27	eP	32	27.40	-0.1		
E	16s	1.46um								eS	40	15.00				1.0s	24.70nm		5.7mb				
		ePPP	33	04.00				ANM	77.68	21	eP	30	45.10	1.2		DPW	99.03	42	eP	32	28.69	0.5	
		eS	37	32.00				QUE	78.22	301	eP	30	49.80	1.9		NVL	99.42	195	eP	32	31.00	1.5	
GKN	62.72	304	P	29	13.60	-0.3				eS	40	44.00				1.4s	8.00nm		5.1mb				
MGD	63.26	5	ePd-	29	15.50	-1.1			SVW	79.79	26	eP	30	55.81	0.2		Z	20s	3.70um		5.9Msz		
	1.2s	110.00nm				5.9mb			1.3s	505.54nm			6.4mb		N	20s	2.50um						
		e	29	29.00				KDC	79.89	30	eP	30	55.91	-0.1		E	20s	3.50um					
		e	30	00.00					1.0s	92.51nm			5.7mb		NEW	99.71	42	eP	32	31.00	-0.3		
		e	31	34.00				TTA	80.42	24	eP	30	58.46	-0.5			1.1s	19.75nm		5.6mb			
		ePPP	33	14.00					1.2s	119.11nm			5.8mb		ISA	99.80	54	P	32	40.00	8.0X		
		eS	37	40.00				NRI	80.62	343	iPd	30	58.50	-1.2		Z	20s	5.01um		6.0Msz			
		e	38	10.00					1.0s	58.00nm			5.5mb		PEC	100.99	56	ePd	32	37.16	-0.2		
IRK	63.35	335	eP-	29	17.00	-0.4			Z	20s	5.50um			5.9Msz		1.0s	9.04nm		5.3mb				
	2.0s	136.00nm				5.7mb		E	20s	2.00um					LRM	103.22	44	ePd	32	46.70	-0.6		
	Z	16s	1.62um			5.3MszX				e	34	06.00			SES	103.30	39	ePd	32	47.00	-0.3		
		e	33	10.00						eS	41	03.00			MSU	104.53	51	ePd	32	53.78	0.5		
		e	37	50.00				BRVK	81.19	325	iPd	31	04.00	0.9		EMUT	105.38	50	ePd	32	57.50	0.4	
DRV	63.63	181	eP	29	19.30	0.4			1.2s	72.00nm			5.5mb		BW06	105.80	46	ePd	32	59.00	0.1		
HON	63.83	65	P+	29	23.05	2.0			N	18s	1.02um				TUC	106.47	57	ePd	33	03.12	1.3		
	Z	19s	4.40um			5.7Msz				eS	41	10.00				0.8s	4.48nm		5.6mb				
		SP	38	33.01				CRP	81.39	27	ePd	31	02.75	-1.4		Z	19s	3.71um		5.9Msz			
DHH	63.99	65	eP	29	22.57	0.4			SPU	81.40	27	eP	31	03.26	-0.8		RSSD	109.41	44	ePKP	37	17.14	-1.3
		e	29	27.68				SLKM	81.99	28	eP	31	06.33	-0.8		Z	21s	2.17um		5.7Msz			
MOY	64.37	333	iPd	29	25.00	1.0			IMA	82.68	22	eP	31	10.39	-0.4			ePP	37	47.50			
	1.5s	184.00nm				6.0mb			1.0s	77.92nm			5.7mb		GOL	109.52	49	ePKP	37	19.07	0.2		
BOD	64.44	344	eP	29	25.20	0.7			PMR	82.86	27	eP	31	10.52	-1.0		Z	20s	1.51um		5.6Msz		
	1.2s	85.00nm				5.7mb			1.2s	264.15nm			6.2mb		ALQ	109.63	54	ePKP	37	19.65	0.5		
ADK	65.04	27	eP	29	27.90	-0.5			Z	21s	5.16um			5.9Msz		Z	21s	0.47um		5.0Msz			
	1.1s	177.90nm				6.1mb		MAW	83.00	202	eP	31	13.00	0.8			ePP	37	48.00				
KOD	65.13	283	eP	29	30.00	0.0			1.0s	39.00nm			5.5mb		ULM	112.58	36	ePKP	37	26.50	2.6X		
	0.8s	15.70nm				5.2mb		BRW	83.99	17	eP	31	13.00	-4.1X		SRO	113.98	322	ePKP	37	27.90	1.2	
HYB	65.31	291	ePd	29	29.50	-1.3			83.99	17	eP	31	17.58	0.4		ZST	114.57	323	ePKP	37	28.10	0.3	
GBA	65.67	286	P	29	33.00	-0.1				e	31	47.13			BRG	115.18	326	ePKP	37	29.20	0.3		
CSY	66.89	193	eP	29	40.90	0.9			KLU	84.29	27	eP	31	18.98	0.0		PRU	115.27	325	PKPc	37	30.10	1.0
	0.8s	15.70nm				5.2mb			TOA	84.36	27	eP	31	20.10	0.8		Z	18s	1.20um		5.5Msz		
WMQ	66.96	321	P	29	41.80	0.8			FBA	84.53	24	eP	31	18.62	-1.4		CLL	115.48	327	iPKP	37	29.80	0.3
	1.5s	95.00nm				5.7mb			1.0s	82.61nm			5.9mb		KHC	116.23	325	iPKPc	37	32.00	1.0		
	Z	18s	2.09um			5.4Msz		MAIO	85.33	307	iPd	31	26.20	1.5			1.0s	7.00nm					
	N	20s	3.63um						1.0s	25.50nm			5.4mb		Z	18s	1.70um		5.7Msz				
		PcP	30	08.00						eS	41	56.00			N	18s	0.50um						
AFR	68.78	108	eP	29	53.40	0.7			8ALM	85.84	28	eP	31	26.52	-0.2		E	18s	1.30um				
PPN	69.11	108	eP	29	55.60	0.9			ASH	86.43	308	eP	31	31.50	1.5			e	37	37.00			
NDI	69.16	302	iPd	29	54.60	-0.3				1.6s	190.00nm			6.1mb			e	38	40.50				
	0.8s	18.66nm				5.2mb				e	31	49.00			GEC2	116.29	324	ePKPc	37	31.50	0.2		
TBI	69.56	114	iP	29	57.30	-0.1				e	41	58.00				0.9s	3.85nm						
	1.3s	205.00nm				6.0mb		SVE	87.46	327	iPd	31	40.00	5.5X			e	37	37.30				
POO	69.92	291	iPd	30	01.20	1.5			Z	14s	1.50um			5.6MszX		GRF	117.28	326	ePKPc	37	34.00	1.0	
PMO	70.46	105	P	30	03.30	0.3			N	14s	0.50um					Z	18s	2.00um		5.8Msz			
VAH	70.72	105	eP	30	05.00	0.4			E	14s	1.50um						117.84	51	ePKP	37	34.10	-0.4	
TPT	70.72	105	eP	30	05.40	0.8					ePS	42	12.00				0.8s	22.20nm					
BOM	70.94	291	eP	30	12.00	6.1X					e	43	20.00			LNO	117.84	51	ePKP	37	33.90	-0.4	
		eS	39	19.00						eSS	48	00.00			JFWS	119.21	41	ePKP	37	35.11	-1.7		
RUV	70.96	105	eP	30	06.70	0.7			KAT	88.18	309	eP	31	42.00	3.6X		Z	19s	2.11um		5.8Msz		
ELT	72.47	329	iPd	30	14.00	-0.3				e	35	05.00					ePP	38	53.38				
	2.0s	222.00nm				5.8mb				ePPP	37	02.00			UYO	119.42	52	iPKPc	37	37.00	-0.5		
		iS	39	36.00						iS	42	06.00			MIAR	119.99	51	ePKP	37	38.18	-0.4		
PRZ	72.57	316	iPd	30	17.50	2.0			SIT	88.68	33	eP	31	42.00	1.6		Z	21s	3.50um		6.0Msz		
	1.4s	270.00nm				6.0mb		SIT	88.68	33	P	31	50.00	9.6X			ePP	39	00.10				
		eS	39	40.00					Z	20s	2.45um			5.6Msz		CDF	120.16	327	ePKP	37	38.10	-0.5	
KSH	73.29	313	Pd	30	21.80	2.2			MBC	94.99	14	eP	32	08.50	-0.8			1.2s	11.30nm				
	Z	18s	2.40um			5.5Msz			1.0s	10.00nm			5.2mb		SNF	120.49	330	PKP	37	39.50	0.5		
		PcP	30	36.00				KMPM	95.17	50	eP	32	12.27	1.3		DOU	120.59	329	PKP	37	40.90	1.7	
		PP	33	10.00				8MW	95.70	44	eP	32	13.49	0.3		BSF	120.75	326	ePKP	37	39.40	-0.4	
		S	39	45.00				GRS	95.88	309	iPd	32	14.00	-0.3			1.1s	32.00nm					
TLG	73.55	317	eP	30	22.00	1.0				1.4s	50.00nm			5.8mb		HAU	120.90	327	ePKP	37	39.70	-0.2	
	1.6s	117.00nm				5.6mb		GMW	95.97	43	eP	32	15.19	0.9			1.1s	28.35nm					
		ePPP	33	05.00						e	32	36.53			Z	20s	0.80um		5.4Msz				
		e	34	47.00				LGPM	96.15	49	eP	32	16.18	0.7		SLM	121.01	46	PKP	37	50.00	9.6X	
		iS	39	53.00				WDC	96.38	50	eP	32	16.32	0.0		Z	19s	1.21um		5.6Msz			
		ePS	40	43.00					1.3s	41.23nm			5.8mb		FVM	121.14	47	ePKP	37	39.38	-1.3		
AAA	73.85	317	iP-	30	24.00	1.3			Z	20s	2.84um			5.7Msz		Z	19s	11.28um		6.5Msz			
		e	33	12.00				SHW	96.40	44	eP	32	17.79	1.3			ePP	39	06.40				
		iS	39	57.00				RHW	96.63	43	eP	32	18.23	0.8		OLY	121.29	50	ePKP	37	40.20	-0.8	
SDN	74.86	30	eP	30	28.10	-0.1			LON	96.67	43	eP	32	17.70	0.1		LPG	122.08	324	ePKP	37	42.70	0.1
SDN	74.86	30	P	30	40.00	11.8X			LBFM	96.84	49	eP	32	19.30	0.6			1.0s	8.40nm				
	Z	21s	3.31um			5.6Msz		ORV	97.21	51	eP	32	20.07	0.0		LPL	122.08	324	ePKP	37	42.60	0.1	
TIK	74.88	356	iPd-	30	27.00	-1.0			ARN	97.26	53	eP	32	20.90	0.5			1.0s	7.8				

11d 00h

LOR	122.70	327	ePKP	37	43.40	0.0
	1.3s	29.95nm				
Z	20s	0.80um			5.4Msz	
LBF	122.80	327	ePKP	37	43.60	0.0
	1.2s	32.15nm				
SSF	123.01	327	ePKP	37	44.10	0.2
	1.0s	25.40nm				
SMF	123.08	326	ePKP	37	44.10	0.0
	1.3s	46.55nm				
BCAO	123.13	273	iPKPd	37	45.80	0.6
	0.9s	41.00nm				
FRF	123.19	322	ePKP	37	44.30	-0.1
	1.1s	20.50nm				
AVF	123.26	327	ePKP	37	44.20	-0.2
	1.0s	9.60nm				
LMR	123.39	322	ePKP	37	44.70	-0.1
	1.4s	42.70nm				
BGF	123.68	327	ePKP	37	45.50	0.2
	1.0s	26.60nm				
LDF	123.93	330	ePKP	37	45.50	-0.2
	1.1s	24.90nm				
EEO	123.98	33	ePKP	37	48.50	2.6X
FLN	123.99	331	ePKP	37	45.60	-0.2
	1.3s	50.20nm				
Z	21s	0.85um			5.4Msz	
MAF	124.04	327	ePKP	37	46.30	0.3
	1.3s	24.90nm				
TCF	124.19	327	ePKP	37	46.50	0.1
	1.0s	49.60nm				
GRR	124.43	330	ePKP	37	46.70	0.0
	1.4s	78.40nm				
LSF	124.59	327	ePKP	37	47.00	-0.1
	1.0s	20.60nm				
LPF	124.76	330	ePKP	37	47.40	0.1
	1.2s	66.05nm				
CAF	125.11	326	ePKP	37	48.70	0.5
	1.1s	21.75nm				
RJF	125.18	326	ePKP	37	48.50	0.3
	1.3s	37.20nm				
Z	20s	0.80um			5.4Msz	
MFF	125.25	328	ePKP	37	48.40	0.1
	1.1s	29.80nm				
LPO	125.75	326	ePKP	37	49.90	0.5
	1.1s	52.75nm				
LFF	125.84	326	ePKP	37	49.90	0.4
	1.2s	32.15nm				
TKL	126.95	46	ePKP	37	51.17	-0.8
EPF	127.25	325	ePKP	37	52.60	0.2
	1.4s	23.95nm				
MCWV	127.63	40	PKP	38	00.00	6.9X
Z	19s	2.63um			5.9Msz	
NAV	128.24	43	ePKP	37	53.76	-0.7
BLA	128.55	43	ePKPd	37	54.57	-0.5
PRM	128.70	48	ePKP	37	55.81	0.4
CBN	130.04	40	ePKP	37	53.00	-4.7X
LVNJ	130.07	36	ePKP	37	57.89	0.2
CEH	130.15	44	ePKP	37	58.55	0.5
Z	19s	1.88um			5.8Msz	
HRV	130.74	32	PKP	38	10.00	11.0X
Z	21s	1.89um			5.8Msz	
LMN	131.43	24	ePKP	38	04.00	3.8X
TOL	131.80	324	ePKP	38	02.50	1.4
BOG	144.42	86	ePKP	38	25.00	-0.3
CNCB	144.85	125	PKP	38	26.00	-0.2
LPB	144.90	124	PKPc	38	26.50	0.4
	1.0s	240.00nm				
ZOBO	144.99	124	PKP	38	24.20	-2.4
CCH	146.03	127	ePKP	38	28.00	0.1
KIC	146.25	277	PKP	38	29.00	1.0
TIC	146.50	278	PKP	38	29.60	1.2
LIC	146.54	277	PKP	38	29.50	1.1
SDV	147.45	78	ePKP	38	29.70	-0.4
TOV	148.12	76	ePKP	38	31.50	0.5
MGP	148.17	60	(PKP)	38	30.00	-0.9
PORP	148.54	59	PKP	38	31.50	0.0
CLLP	148.58	59	PKP	38	32.00	0.5
CPD	149.17	59	PKP	38	32.00	-0.5
CAR	150.74	74	iPKPc	38	34.00	-1.1
SIV	150.78	131	PKP	38	40.00	5.0X
VAD	152.92	163	ePKP	38	46.90	8.9X
PAG	153.68	59	ePKP	38	45.00	5.8X
PDCR	164.63	177	ePKP	38	51.70	0.1
		e		39	48.40	

S.D. = 1.0 on 249 of 280 obs.

• NOV 11, 1992 00h 26m 35.95 ± 1.63s
38.077 N ± 9.1km 26.807 E ± 14.6km

DEPTH = 10.0km (geophysicist)					
AEGEAN SEA (365)					
MD 3.1 (ISK).					
Izm	0.48	48	iPg	26	43.80 -1.0
			iSg	26	50.00
CIN	1.12	115	ePg	26	56.00 0.0
			iSg	27	11.00
YER	1.50	128	ePn	27	02.00 -0.1
EZN	1.79	348	ePn	27	05.30 -0.8
DST	2.09	42	ePn	27	11.10 0.6
BNT	2.43	20	ePn	27	16.00 0.5
KCT	2.48	29	ePn	27	17.00 0.9
S.D. = 0.9 on 7 of 7 obs.					
NOV 11, 1992 00h 31m 25.99 ± 0.21s					
7.325 S ± 5.0km 156.216 E ± 5.0km					
DEPTH = 25.6km (8 depth phases)					
5.3mb (39 obs.) 5.5Msz (16 obs.)					
SOLOMON ISLANDS (193)					
SVO	4.00	117	eP	32	29.00 1.9
			iS	33	22.00
HNR	4.24	120	iP	32	30.00 -0.6
			iS	33	27.00
RAB	5.09	307	e(P)	32	51.00 8.3X
			iS	34	04.00
PMG	9.20	256	eP	33	41.10 1.0
BKM	15.60	132	iPc	35	07.00 1.1
PVC	15.69	132	iP	35	06.00 -1.1
CTA	15.95	216	P	35	12.19 1.8
DZM	17.67	147	iPc	35	30.50 -1.7
BRS	20.22	189	iPc	36	04.20 2.1
	1.5s	22.00nm			4.3mb X
RMQ	20.34	200	iPc	36	05.00 1.8
	1.1s	512.00nm			5.8mb
OIS	20.78	229	eP	36	06.50 -1.3
	0.5s	9.00nm			4.4mb
OLP	22.29	209	eP	36	24.00 1.1
	0.4s	91.00nm			5.6mb
TLE	23.38	273	ePc	36	37.00 3.3X
GUA	23.57	332	e(P)	36	38.20 2.6
	0.5s	61.97nm			5.4mb
GUMD	23.64	331	e(P)	36	30.60 -5.6X
WB2	24.63	237	eP	36	40.30 -5.6X
	1.4s	6.20nm			4.0mb X
WRA	24.64	237	P	36	46.79 0.8
	1.3s	73.80nm			5.1mb
SLKI	24.70	267	ePc	36	47.50 0.9
MTN	25.29	255	eP	36	52.00 -0.2
CMS	25.92	201	eP	37	02.20 4.2X
	0.6s	37.00nm			5.2mb
ASPA	26.88	230	eP	37	05.80 -1.1
	1.4s	19.80nm			4.6mb
Z	20s	14.30um			5.5Msz
STK	27.98	207	eP	41	36.00
	0.3s	10.40nm			5.0mb
AFI	32.11	104	eP	37	48.00 -5.7X
		e		42	00.00
DAV	33.75	294	eP	38	20.00 12.1X
WARB	33.82	233	eP	38	05.00 -3.5X
CGP	35.11	296	eP	38	25.00 5.3X
PLP	36.11	300	ePc	38	27.50 -0.6
MKS	36.58	271	iPc	38	39.00 6.9X
MBL	37.74	245	eP	38	45.00 3.3X
COOL	40.30	230	eP	39	08.00 5.0X
MEEK	40.54	237	eP	39	10.00 4.9X
OCP	41.12	302	eP	39	12.00 2.2
NANU	41.96	244	eP	39	16.00 -0.7
		e		39	22.00 20km
KKM	42.06	287	ePd	39	18.00 0.3
BAG	42.42	304	ePc	39	21.00 0.2
	1.2s	187.50nm			5.7mb
KLK	43.21	231	eP	45	40.10
MRWA	43.65	235	eP	39	30.00 -0.4
MUN	44.57	231	eP	39	43.00 5.2X
KUMJ	46.43	330	P	39	53.30 0.8
SHNJ	47.59	332	eP	40	01.80 0.1
NJ2	52.94	320	Pc	40	43.00 0.4
	1.2s	34.00nm			5.2mb
N	16s	2.19um			
E	13s	1.21um			
WHN	55.02	315	eP	40	58.00 0.1
YSS	55.42	349	eP	41	10.90 10.5X

DL2	56.09	328	eP	41	07.00	1.6
	1.2s	140.00nm				5.9mb
TIA	56.76	322	Pc	41	09.60	-0.7
MDJ	57.00	338	eP	41	12.00	0.1
CN2	58.01	334	eP	41	19.40	0.5
	1.2s	31.00nm				5.2mb
Z	20s	2.18um				5.3Msz
N	15s	1.64um				
E	15s	0.40um				
GYA	58.62	307	P	41	23.00	-0.7
	1.2s	22.00nm				5.1mb
		pP		41	31.20	27km
LOE	59.17	295	eP	41	27.00	-0.5
BJI	59.88	325	eP	41	30.50	-1.5
Z	20s	2.10um				5.3Msz
N	18s	1.62um				
NST	60.05	293	eP	41	36.00	2.4
PET	60.14	2	eP	41	48.00	14.5X
		e		41	55.00	23km
TIY	60.60	321	Pd	41	36.20	-0.9
XAN	60.78	316	Pc	41	37.20	-1.2
	1.0s	7.10nm				4.8mb
Z	21s	3.34um				5.5Msz
		pP		41	48.50	38kmX
KHT	61.20	291	eP	41	42.00	0.6
KMI	61.20	304	Pc	41	41.50	-0.1
	1.9s	70.00nm				5.5mb
		pP		41	50.00	28km
SMY	61.73	12	P	41	50.00	5.6X
Z	18s	4.60um				5.7Msz
CD2	62.95	310	P	41	52.20	-0.8
	1.2s	40.00nm				5.4mb
HHC	63.08	323	P	41	53.40	-0.3
	1.2s	28.00nm				5.3mb
N	15s	0.61um				
E	16s	1.67um				
BTO	63.85	322	eP	41	58.00	-0.8
	0.8s	12.00nm				5.1mb
LZH	65.40	315	Pc	42	09.00	0.0
	2.0s	100.00nm				5.6mb
Z	20s	2.23um				5.4Msz
E	14s	0.94um				
		pP		42	17.00	26km
CSY	66.67	198	eP	42	22.60	6.2X
	0.6s	5.90nm				4.9mb
GTA	69.81	317	eP	42	36.80	0.2
	1.5s	38.00nm				5.3mb
Z	20s	3.17um				5.6Msz
E	17s	1.61um				
		pP		42	44.40	24km
		eS		51	42.50	
SDN	72.03	24	P	43	00.00	10.5X
Z	18s	2.27um				5.5Msz
LSA	72.46	304	iPc	42	53.40	0.2
	1.3s	20.00nm				5.0mb
BOD	73.32	338	eP	42	57.80	0.7
	1.1s	42.00nm				5.4mb
ZAK	73.41	328	iPc+	42	58.40	0.7
	2.0s	163.00nm				5.7mb
IRK	73.97	330	eP	43	00.00	-0.9
	1.8s	62.00nm				5.3mb
		e		43	09.00	29km
MOY	75.34	328	ePc	43	09.90	1.1
GUN	76.32	301	P	43	14.08	-1.3
PKI	76.63	300	P	43	16.40	-0.7
KKN	76.80	301	P	43	17.40	-0.5
DMN	76.90	300	P	43	18.40	-0.1
GKN	77.41	301	P	43	21.00	-0.2
WMO	79.89	317	iPc	43	34.80	0.5
	2.0s	100.00nm				5.5mb
Z	20s	2.14um				5.5Msz
N	17s	2.82um				
		PP		46	33.00	
		sS		53	56.00	
KOD	80.32	282	eP	43	38.00	0.6
HYB	80.52	289	ePc	43	27.00	-11.1X
PMR	80.61	23	eP	43	38.27	0.7
	1.5s	77.05nm				5.5mb
TIK	80.84	352	iPc+	43	38.00	-0.6
	2.5s	134.00nm				5.5mb
Z	19s	1.50um				5.4Msz
		e		43	47.00	29km
		e		43	55.00	
		eS		53	46.00	
		ePS		54	56.00	
GBA	80.91	285	P	43	40.00	-0.1
IMA	81.73	18	eP	43	43.45	-0.2

	1.1s	6.96nm	4.6mb	
KLU	81.84	24 eP	43 44.18	0.0
PAF	81.89	221 eP	43 36.00	-8.6X
FBA	82.99	21 eP	43 48.62	-1.4
	1.3s	21.25nm	5.1mb	
BALM	83.10	26 (P)	43 51.55	0.8
NDI	83.92	300 iPc	43 54.50	-1.0
	1.2s	46.88nm	5.6mb	
ELT	84.08	325 iPc	43 56.00	0.3
	2.0s	407.00nm	6.3mb	
MAW	84.56	203 eP	43 57.00	-0.9
	1.0s	33.00nm	5.5mb	
POO	85.12	289 iPc	44 03.00	1.3
PRZ	86.01	314 eP	44 07.00	1.1
	1.3s	160.00nm	6.1mb	
KSH	87.13	310 Pc	44 13.00	1.6
Z	20s	2.00um	5.5msz	
		SKS	54 30.00	
		S	54 53.00	
ORV	88.70	50 eP	44 19.00	0.3
LBFM	88.74	48 eP	44 20.11	0.9
FRU	88.81	313 ePc	44 19.00	-0.2
	2.7s	230.00nm	6.0mb	
Z	18s	1.30um	5.4msz	
		e	44 35.00	56kmX
		e	55 04.00	
CMB	89.29	52 (P)	44 22.77	1.1
	0.4s	1.38nm	4.6mb	
BONR	90.91	52 eP	44 30.91	1.5
PLM	91.42	57 eP	44 34.00	2.2
TNP	91.77	52 eP	44 34.66	1.3
	0.9s	5.05nm	4.9mb	
NEW	93.19	42 eP	44 41.59	2.2
	1.2s	12.12nm	5.2mb	
BRVK	93.35	323 iPc	44 39.00	-1.0
	1.5s	45.00nm	5.7mb	
Z	18s	0.93um	5.3msz	
N	20s	0.62um		
		eS	55 07.00	
BUL	121.69	241 ePKP	50 35.20	14.9X
		iP	50 43.30	
SPC	124.30	326 ePKP	50 24.80	0.3
KSP	125.39	330 ePKP	50 25.50	-0.8
SRO	126.13	326 ePKP	50 27.00	-0.9
BRG	126.52	331 ePKP	50 27.50	-1.0
	1.6s	27.00nm		
		e	50 39.70	
ZST	126.58	327 ePKP	50 27.70	-1.0
CLL	126.67	332 e(PKP)	50 29.00	0.2
Z	18s	2.00um	5.8msz	
PRU	126.80	330 ePKP	50 38.50	9.4X
		e	50 45.50	
SKO	127.26	318 iPKP	50 29.50	-0.7
KHC	127.83	330 ePKP	50 31.00	-0.2
	1.4s	8.10nm		
		e	50 39.50	
		e	50 49.00	
LMN	127.85	36 ePKP	50 34.00	2.7X
GEC2	127.96	329 ePKPd	50 31.00	-0.5
	0.7s	2.60nm		
		e	50 39.40	
		e	50 42.80	
		e	50 47.40	
		e	50 56.10	
OHR	128.08	318 ePKP	50 30.70	-1.2
GRF	128.61	332 ePKPc	50 32.30	-0.3
VBY	129.19	325 ePKP	50 34.00	0.2
LPB	130.16	119 PKP	50 35.20	-1.8
Z	20s	2.13um	5.8msz	
		PKS	54 15.00	
		LR	28 20.00	
ZOBO	130.24	118 iPKPc	50 35.20	-2.2
Z	22s	1.21um	5.6msz	
		LR	28 44.00	
LPL	133.70	330 ePd iff47	41.40	0.6
	1.3s	12.25nm		
LPG	133.71	330 ePd iff47	41.50	0.6
	1.0s	6.20nm		
SMF	134.21	334 ePd iff47	32.10	-10.6X
	1.2s	13.10nm		
AVF	134.31	334 ePd iff47	35.40	-7.7X
	1.3s	15.15nm		
SIV	136.42	122 ePKP	50 50.00	1.6
BCAO	137.82	269 ePKPc	50 43.30	-7.9X
	0.2s	16.00nm		
		ic	50 49.90	
		ic	53 44.10	

VAO	142.28	144 (PKP)	51 01.00	2.0
TOL	143.07	334 ePKP	50 57.50	-2.3
		ePP	54 40.00	
EVIA	143.38	332 iPKPd	50 57.62	-2.8
EHUE	144.08	331 iPKPd	50 59.50	-2.1
EBAN	144.36	332 iPKPd	51 00.62	-1.4
ENIJ	144.55	329 iPKPc	51 00.07	-2.3
ECOG	144.97	331 iPKPd	51 01.14	-2.1
ELUO	145.07	332 iPKPc	51 02.64	-0.6
EHOR	145.30	334 iPKPc	51 03.40	-0.2
EGUA	145.33	331 iPKPc	51 02.30	-1.4
MAL	145.82	332 iPKPc	51 04.00	-0.5
EVAL	146.14	335 iPKPc	51 06.14	1.1
EJIF	146.53	333 iPKPc	51 06.83	1.2
OJEN	146.85	332 iPKP	51 16.00	9.7X
CNIL	146.86	333 iPKP	51 09.00	2.8X
PLAT	146.93	333 iPKP	51 08.00	1.6
IFR	148.73	329 iPKPc	51 14.50	5.0X
AVE	150.03	332 iPKP	51 16.50	5.2X
		i	51 47.00	
KIC	161.07	268 PKP	51 26.00	0.0
		e	52 09.00	
LIC	161.34	268 PKP	51 25.50	-0.8
		e	52 10.00	
TIC	161.36	269 PKP	51 24.90	-1.4
		e	52 10.00	
S.D. = 1.2 on 112 of 144 obs.				
? NOV 11, 1992 00h 33m 47.54 ± 2.25s				
31.486 S ± 23.3km 179.851 E ± 29.2km				
DEPTH = 465.7 ± 21.2 km				
4.0mb (1 obs.)				
KERMADEC ISLANDS REGION (177)				
HBZ	6.23	191 eP	35 25.20	-0.5
		S	36 46.90	
WCZ	6.39	224 P	35 28.60	1.3
URZ	7.12	198 eP	35 33.20	-1.8
		eS	37 03.90	
WLZ	7.27	208 eP	35 38.90	2.3
NOZ	7.27	191 eP	35 35.40	-1.2
TAZ	7.27	201 eP	35 39.20	2.6
PAHZ	7.70	197 eP	35 41.60	0.3
MOH	7.94	195 eP	35 44.50	0.7
MOZ	8.13	209 eP	35 49.50	3.6X
NGZ	8.42	203 eP	35 48.80	-0.4
WAHZ	8.67	198 eP	35 50.50	-1.3
BSZ	9.21	204 eP	35 58.60	1.0
PGZ	9.56	197 eP	36 01.20	-0.2
MNG	9.77	200 eP	36 01.40	-2.3
		S	37 57.70	
KIW	10.17	202 eP	36 07.20	-0.8
MTW	10.27	199 eP	36 08.60	-0.4
AMW	10.34	197 eP	36 09.70	-0.1
CAW	10.35	201 eP	36 07.90	-2.0
DIW	10.46	206 eP	36 10.50	-0.6
MRW	10.57	202 eP	36 12.30	0.0
		eS	38 13.40	
MOW	10.58	199 eP	36 12.40	-0.1
TCW	10.69	203 eP	36 12.40	-1.2
QRZ	11.04	210 eP	36 17.50	0.1
		eS	38 29.40	
THZ	11.67	207 eP	36 24.70	0.4
		S	38 37.60	
KHZ	12.02	203 eP	36 28.00	0.1
		S	38 45.00	
DSZ	12.10	210 eP	36 30.30	1.4
MOZ	13.46	203 eP	36 44.60	1.4
		S	39 13.90	
LMZ	14.80	211 eP	36 59.00	2.0
WRA	42.31	275 P	40 57.80	-2.7
	0.5s	2.80nm	4.0mb	
KAF	144.92	339 iPKP	52 26.70	-4.5X
	0.5s	7.10nm		
NUR	146.66	338 ePKP	52 32.70	-1.3
	0.3s	3.60nm		
NB2	149.51	349 PKP	52 40.20	1.6
	0.6s	1.20nm		
HFS	149.90	346 ePKP	52 40.30	1.2
	0.5s	0.60nm		
S.D. = 1.4 on 31 of 33 obs.				
NOV 11, 1992 00h 59m 52.57 ± 0.26s				
44.502 N ± 2.0km 7.303 E ± 3.2km				
DEPTH = 10.0km (geophysicist)				

NORTHERN ITALY (545)				
ML 3.1 (LDG), 2.6 (GEN).				
PZZ	0.14	271 Pc	59 56.13	0.1
		S	59 57.61	
STV	0.26	177 Pd	59 58.46	0.4
		S	00 01.68	
ENR	0.29	163 Pc	59 59.09	0.4
		S	00 02.87	
BHB	0.34	355 Pc	00 00.06	0.4
		S	00 04.56	
SURF	0.35	267 Pg	59 59.67	-0.2
		Sg	00 04.46	
ROB	0.46	117 Pc	00 02.81	0.9
		S	00 09.41	
TOUF	0.49	185 Pg	00 02.42	-0.1
AUTN	0.51	170 Pg	00 03.10	0.0
		Sg	00 09.12	
SAOF	0.55	161 Pg	00 03.55	-0.1
		Sg	00 10.66	
RRL	0.56	319 Pc	00 03.78	-0.3
		S	00 11.06	
AURF	0.61	178 Pg	00 04.69	-0.3
		Sg	00 12.78	
MVIF	0.62	190 Pg	00 04.56	-0.5
		Sg	00 12.44	
SBF	0.65	171 Pg	00 05.60	0.0
		Sg	00 13.40	
RSP	0.65	357 Pc	00 04.98	-0.7
		S	00 14.13	
FIN	0.71	114 Pc	00 07.18	0.5
		S	00 16.85	
IMI	0.73	144 Pd	00 07.10	0.2
		S	00 16.78	
REVF	0.76	176 Pg	00 08.02	0.5
		Sg	00 17.58	
CALN	0.81	202 Pg	00 08.12	-0.2
		Sg	00 18.21	
PCP	0.89	87 Pc	00 10.80	1.1
		S	00 22.88	
LSD	0.96	354 P	00 11.28	0.2
		S	00 23.39	
FRF	1.05	207 Pg	00 12.40	0.0
		Sg	00 25.60	
LPG	1.07	339 Pn	00 13.00	0.1
LPL	1.09	338 Pn	00 13.40	0.2
ORX	1.23	23 P	00 13.53	-2.0
LRG	1.25	213 Pg	00 16.00	0.3
		Sg	00 31.60	
LMR	1.30	206 Pg	00 16.80	0.2
		Sg	00 33.00	
PGF	2.31	147 Pn	00 28.57	-2.8
SMF	3.24	313 Pn	00 45.40	0.9
		Sn	01 22.80	
BSF	3.35	354 Pn	00 45.80	-0.3
		Sn	01 25.60	
HAU	3.57	350 Pn	00 49.10	0.0
		Sn	01 30.70	
LOR	3.67	320 Pn	00 51.30	0.8
		Sn	01 32.80	
BGF	3.75	305 Pn	00 52.50	0.8
CAF	3.76	278 Pn	00 51.30	-0.6
S.D. = 0.8 on 33 of 33 obs.				
NOV 11, 1992 01h 27m 36.00 ± 0.74s				
17.057 S ± 4.9km 168.556 E ± 5.8km				
DEPTH = 233.7 ± 6.8 km				
5.3mb (24 obs.)				
VANUATU ISLANDS (186)				
BKM	0.68	206 iPd	28 07.90	-1.0
		iS	28 32.00	
PVC	0.72	199 iPd	28 08.00	-0.1
		iS	28 34.50	
DZM	5.37	201 iPd	28 56.40	-0.2
		iS	29 59.80	
SVA	9.50	98 eP	29 50.00	0.6
SVO	11.58	312 P	30 21.00	5.2X
BRS	17.85	232 iPc	31 31.00	0.5
WCZ	19.50	166 P	31 49.00	1.7
ARMA	20.39	226 iPd	32 00.30	4.0X
	1.0s	18.00nm	4.6mb	

11d 01h

HBZ	22.19	159	Pc	32	14.30	0.6	SSK	86.64	53	eP	39	54.83	0.2	VOY	144.24	329	iPKP	46	48.30	2.7		
	0.4s	90.00nm				5.7mb	PEC	86.92	53	eP	39	56.00	0.2	HCG	144.28	352	ePKPd	46	43.60	-1.8		
TAZ	22.22	163	P	32	16.80	2.8	PLM	86.94	54	eP	39	56.21	0.1	SNF	144.32	343	iPKPc	46	44.08	-1.4		
URZ	22.42	162	Pc	32	16.80	0.9	MEMM	87.09	49	eP	39	56.69	0.2	WTTA	144.37	333	iPKPd	46	44.30	-1.7		
	0.7s	298.00nm				5.9mb	IMA	87.57	14	eP	39	57.78	-0.6		0.7s	51.60nm						
NGZ	22.88	166	P	32	22.30	1.7		0.8s	2.35nm			4.1mb	X	HAZ	144.39	351	ePKPd	46	44.10	-1.5		
CNZ	22.89	166	P	32	22.40	1.8	BONR	87.66	49	eP	39	59.76	0.1	HTR	144.46	351	ePKPd	46	44.20	-1.5		
PAHZ	22.96	163	P	32	22.40	1.2	GSC	87.73	52	(P)	40	00.30	0.5	WLF	144.50	340	iPKPc	46	44.90	-0.9		
NOZ	23.03	161	Pc	32	21.80	0.0	FBA	88.19	17	eP	39	58.91	-2.3	ECB	144.58	355	ePKP	46	44.50	-1.4		
	0.3s	123.00nm				5.9mb		0.8s	12.58nm			4.8mb			0.6s	100.00nm						
MOH	23.24	163	P	32	24.50	0.7	KVN	88.25	48	eP	40	02.77	0.5	DOU	144.60	342	iPKPc	46	45.70	-0.3		
LAT	23.46	294	eP	32	27.80	1.7	GLA	88.41	55	eP	40	04.80	1.8	ECF	144.73	355	ePKP	46	45.00	-1.1		
MAHZ	23.50	162	P	32	26.40	0.1	TNP	88.50	49	ePd	40	04.80	1.3		0.5s	243.00nm						
TTH	23.53	164	P	32	27.00	0.5		0.6s	4.81nm			4.6mb		STR	144.87	338	PKP	46	46.17	-0.3		
WAHZ	23.56	165	Pc	32	27.00	0.1	GMW	88.77	39	eP	40	04.82	0.5	OGA	144.94	333	iPKPd	46	47.00	0.0		
ORZ	23.94	173	P	32	31.50	1.2	LON	89.01	40	eP	40	04.73	-0.8	WLS	145.16	338	PKP	46	46.69	-0.4		
MNG	24.23	167	Pc	32	32.50	-0.6	RMW	89.33	40	eP	40	06.95	-0.1	CDF	145.19	338	PKP	46	46.90	-0.3		
	0.3s	100.00nm				5.9mb	ARUT	91.17	51	eP	40	16.28	0.5	SLE	145.27	336	iPKPd	46	47.10	-0.2		
KIW	24.35	168	Pc	32	33.50	-0.7	GUN	91.59	299	P	40	18.00	-0.2	LIBD	145.29	337	PKP	46	46.86	-0.3		
PGZ	24.41	166	P	32	33.80	-0.9	PKI	91.88	298	P	40	19.00	-0.6	FEL	145.36	337	PKP	46	46.90	-0.6		
	0.4s	128.00nm				5.8mb	KKN	92.06	298	P	40	20.00	-0.2	ECH	145.39	338	PKP	46	46.96	-0.5		
QLP	24.45	243	iPd	32	35.60	0.4	DMN	92.15	298	P	40	20.80	0.1	OSS	145.46	333	iPKPd	46	48.50	0.7		
	0.6s	77.00nm				5.4mb	MSU	92.35	50	eP	40	22.19	0.8	ZLA	145.54	336	ePKPd	46	47.90	0.1		
TCW	24.57	170	P	32	36.10	-0.1	NEW	92.53	40	eP	40	21.00	-0.7	MOF	145.71	338	PKP	46	47.52	-0.6		
CAW	24.62	168	P	32	35.70	-0.9		1.1s	8.64nm			4.7mb		LLS	145.80	335	ePKPd	46	49.00	0.6		
MRW	24.67	169	P	32	36.30	-0.8	GKN	92.67	298	P	40	22.40	-0.5	VITF	145.80	339	PKP	46	48.09	0.0		
MTW	24.75	167	Pc	32	36.70	-1.2	GBA	94.95	283	P	40	34.00	0.6	BSF	145.85	338	PKP	46	48.55	0.2		
THZ	24.90	172	P	32	39.00	-0.3	HYB	94.98	287	eP	40	33.50	0.0	HAU	145.86	339	iPKPd	46	49.20	1.0		
SLW	24.95	168	Pc	32	38.60	-1.1	BW06	95.62	47	eP	40	35.50	-0.7		0.7s	62.60nm						
AMW	24.95	167	Pd	32	38.70	-1.0	OBN	127.31	327	iPKPc	46	13.00	-0.9	VDL	145.91	334	ePKPd	46	49.70	1.1		
MOW	24.96	168	P	32	38.60	-1.2		1.2s	26.00nm					TMA	146.46	334	iPKPd	46	50.90	1.4		
CNB	24.96	220	eP	32	41.10	1.1					49	56.00		MMK	146.88	335	iPKPd	46	52.70	2.5		
	1.0s	20.00nm				4.6mb						50	30.00		DIX	147.08	336	iPKPd	46	53.30	2.7	
													51	28.00		FLN	147.14	347	iPKPd	46	52.40	2.2
														53	16.00			0.7s	55.55nm			
BWA	24.98	222	e(P)	32	38.90	-1.2	KAF	127.80	339	iPKP	46	13.40	-1.3	ORX	147.21	334	PKP	46	52.21	1.6		
CAN	25.19	220	e(P)	32	45.30	3.3X		0.5s	7.30nm					LDF	147.22	346	iPKPd	46	52.70	2.4		
MDG	25.20	295	eP	32	43.40	1.2	NUR	129.48	338	iPKP	46	17.70	-0.2		0.7s	32.10nm						
KHZ	25.63	171	P	32	43.90	-2.0		0.4s	12.10nm					EMS	147.27	336	ePKPd	46	53.50	2.7		
	0.4s	34.00nm				5.3mb	NB2	133.18	345	PKP	46	24.40	-0.6	LOR	147.33	341	iPKPd	46	53.40	2.8		
LTZ	25.84	174	P	32	47.20	-0.6		7.0s	4.10nm						0.7s	55.80nm						
	0.7s	58.00nm				5.3mb	HFS	133.30	343	ePKP	46	12.10	-13.1X	LBF	147.55	340	iPKPd	46	53.80	2.8		
BWZ	27.41	178	P	33	00.30	-1.6		0.4s	0.40nm						1.0s	55.60nm						
	0.5s	38.00nm				5.3mb	MLR	137.89	320	ePKP	46	19.00	-15.5X	GRR	147.57	347	iPKPd	46	53.80	2.9X		
OIS	27.61	258	eP	33	05.50	1.5	SPC	138.94	328	ePKP	46	36.30	-0.1		0.7s	48.30nm						
MMCZ	27.87	179	P	33	05.70	-0.5	KSP	139.66	333	ePKP	46	36.30	-1.1	SSF	147.63	341	iPKPd	46	54.30	3.2X		
MHZ	27.93	179	P	33	05.70	-1.0						49	50.60			0.7s	72.75nm					
SBCZ	27.96	179	P	33	05.90	-1.0	CLL	140.67	336	i(PKP)	46	40.80	1.6	LSD	147.69	335	PKP	46	54.86	3.3X		
LSCZ	27.98	179	P	33	05.90	-1.2		0.9s	12.00nm					LPL	147.81	336	iPKPd	46	55.20	3.5X		
CMCZ	28.01	179	P	33	06.60	-0.9	PRU	141.05	333	ePKP	46	33.30	-6.6X		0.9s	41.95nm						
TLC	28.05	179	P	33	07.00	-0.9						46	41.80		LPG	147.82	336	iPKPd	46	55.30	3.5X	
STK	28.53	234	eP	33	12.40	0.3	ZST	141.16	329	ePKP	46	38.30	-1.8		0.8s	34.25nm						
	1.0s	7.30nm				4.3mb						49	48.20		PCP	147.84	333	PKP	46	53.90	2.3	
TUZ	28.83	178	P	33	14.10	-0.4	KHC	142.11	333	PKP	46	37.00	-4.9X	SMF	147.89	340	iPKPd	46	54.50	3.0X		
WRA	32.54	260	P	33	46.79	-0.5		1.3s	9.70nm						0.8s	22.30nm						
	1.5s	1.90nm				3.5mb						46	44.50		RSP	147.90	335	PKP	46	54.27	2.5	
ASPA	33.09	253	iPd	33	51.40	-0.6						47	44.50		AVF	147.92	341	iPKPd	46	54.50	3.0X	
	0.5s	45.90nm				5.4mb	GEC2	142.27	333	ePKP	46	37.00	-5.2X		0.9s	19.50nm						
								0.6s	2.09nm					LPF	147.95	347	iPKPd	46	55.00	3.5X		
												46	44.70			0.7s	71.65nm					
MTN	36.36	271	eP	34	20.00	0.3	SKO	142.49	318	iPKP	46	38.00	-4.7X	BCAO	148.05	250	iPKPd	46	50.00	-2.8		
KNA	38.15	266	eP	34	34.30	-0.3	GRF	142.65	336	iPKPc	46	39.40	-3.3X		0.9s	68.00nm						
WARB	39.86	249	eP	34	49.00	0.3	IVA	142.96	321	iPKPd	46	40.04	-3.5X					46	56.00			
MBL	46.08	257	eP	35	36.40	-2.3	PLE	143.00	322	iPKPd	46	40.55	-3.1X					id	47	00.00		
MEEK	47.08	249	eP	35	45.30	-1.2	PVY	143.07	320	iPKPd	46	40.64	-3.2X	BHB	148.15	334	PKP	46	53.49	1.5		
NANU	49.98	255	eP	36	08.00	-0.7	OHR	143.35	318	iPKP	46	41.00	-3.2X	FIN	148.26	333	PKP	46	54.77	2.6		
MAT	60.53	332	eP	37	22.00	-1.8	BHG	143.47	332	iPKPc	46	41.90	-2.3	BGF	148.28	341	iPKPd	46	55.80	3.7X		
	1.1s	37.97nm				5.0mb	NKY	143.54	321	iPKPd	46	41.84	-2.7		0.6s	57.70nm						
BJI	74.84	321	eP	38	52.50	0.1	TTG	143.60	320	iPKPd	46	41.73	-2.8	RRL	148.28	335	PKP	46	56.10	3.6X		
	1.1s	109.00nm				5.5mb	DCN	143.64	356	ePKP	46	41.90	-2.3	ROB	148.33	333	PKP	46	55.14	2.8		
KMI	76.58	302	Pd	39	04.00	1.2	KBA	143.74	331	iPKP	46	42.10	-2.8	GRN	148.42	337	PKP	46	56.78	4.3X		
	1.5s	80.00nm				5.2mb		0.8s	38.20nm					PZZ	148.49	334	PKP	46	55.00	2.3		
CHG	77.16	294	eP	39	07.00	1.2	BRY	143.76	322	iPKPd	46	42.35	-2.6	ENR	148.58	334	PKP	46	54.86	2.1		
LZH	80.79	312	iPd	39	26.50	1.3	FUR	143.83	334	iPKPd	46	42.90	-1.9	STV	148.61	334	PKP	46	54.77	1.9		
	1.5s	100.00nm				5.3mb		1.0s	161.00nm				SURF	148.63	334	PKP	46	56.84	3.8X			
SVW	83.00	17	ePd	39	35.38	-0.5								IMI	148.63	333	PKP	46	56.15			

MVIF	0.6s	39.50nm			
MFF	148.96	333 PKP	46 53.51	0.0	
	0.8s	64.50nm			
PGF	149.08	345 iPKPd	46 57.80	4.4X	
	0.8s	64.50nm			
PGF	149.18	330 PKP	46 54.75	0.9	
	0.8s	121.95nm			
CALN	149.19	334 PKP	46 53.55	-0.3	
FRF	149.45	334 iPKPd	46 58.60	4.6X	
	0.8s	44.45nm			
LRG	149.66	334 iPKPd	46 59.30	5.0X	
	1.1s	95.25nm			
LMR	149.69	334 iPKPd	46 59.30	4.9X	
	1.0s	91.60nm			
RJF	149.82	342 iPKPd	46 59.70	5.2X	
	1.0s	42.20nm			
CAF	149.99	341 iPKPd	47 00.30	5.5X	
	0.6s	11.10nm			
LFF	150.38	342 iPKPd	47 01.10	5.8X	
	0.9s	52.75nm			
LPO	150.48	342 iPKPd	47 01.50	6.0X	
	0.6s	32.85nm			
MTHF	151.59	338 PKP	47 03.90	6.6X	
LSPF	151.80	339 PKP	47 04.26	6.7X	
LESF	151.93	340 PKP	47 04.47	6.7X	
GRBF	152.02	339 PKP	47 04.22	6.2X	
EPF	152.23	341 iPKPd	47 05.80	7.5X	
	0.7s	11.45nm			

S.D. = 1.4 on 172 of 218 obs.

& NOV 11, 1992 01h 37m 40.68s
33.978 N 116.310 W
DEPTH = 0.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.7 (PAS). Felt.

PEC	0.71	263 eP	37 53.95	-1.0	
		eS	38 03.06		
PLM	0.77	217 ePd	37 55.41	-0.7	
		eS	38 06.78		
SSK	1.17	282 eP	38 01.70	-1.9	
		eS	38 17.58		
GSC	1.38	343 eP	38 05.55	-1.6	
GLA	1.55	126 ePn	38 06.90	-2.7	
		ePg	38 09.44		
ARUT	4.46	31 (Pn)	38 50.04	-1.2	
CMB	5.22	322 (P)	39 04.72	2.7	
		7 obs. associated			

* NOV 11, 1992 02h 19m 09.71±0.97s
26.593 S ± 9.8km 27.997 E ± 14.7km
DEPTH = 5.0km (geophysicist)
REPUBLIC OF SOUTH AFRICA (584)
mbLg 3.6 (BUL).

SLR	0.89	17 iPc	19 29.80	2.4	
		S	19 42.40		
BLF	2.97	212 eP	19 59.30	0.7	
		S	20 36.00		
JOZ	3.74	104 eP	20 09.00	-0.3	
		S	21 10.00		
BUL	6.44	5 iPn	20 46.60	-1.2	
		iSn	21 54.50		
		iSg	22 22.80		
CIR	6.45	31 iPn	20 44.50	-3.2X	
		iSn	21 48.50		
		iSg	22 19.00		
KRI	9.83	9 iPn	21 33.60	-1.3	
		iSn	23 15.50		
		iSg	24 09.50		
CER	10.12	226 e(P)	21 38.50	-0.3	
	1.0s	50.00nm			5.9mb
		S	23 31.50		

S.D. = 1.8 on 6 of 7 obs.

* NOV 11, 1992 02h 40m 02.73±1.86s
37.794 N ± 11.7km 27.207 E ± 15.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 3.3 (ISK).

IZM	0.60	4 iPg	40 14.00	-0.8	
		iSg	40 21.50		
CIN	0.72	105 iPg	40 16.00	-1.2	
		iSg	40 26.00		
YER	1.08	127 iPn	40 24.00	0.5	
KHL	1.90	73 ePn	40 37.00	0.8	

DST	2.12	31 iPn	40 39.50	0.1	
EZN	2.14	342 ePn	40 39.00	-0.6	
EDC	2.60	11 ePn	40 47.00	0.9	
KCT	2.61	20 ePn	40 46.00	-0.3	
BNT	2.62	12 ePn	40 47.00	0.6	
	S.D.	= 0.9 on 9 of 9 obs.			

NOV 11, 1992 02h 46m 06.53±0.41s
32.293 S ± 4.5km 70.275 W ± 5.1km
DEPTH = 8.7 ± 3.4 km
CHILE-ARGENTINA BORDER REGION (127)
MD 4.5 (SAN).

JACH	0.47	215 iPd	46 16.18	0.1	
		iS	46 23.43		
PEL	0.92	202 iP+	46 23.85	-0.3	
		iS	46 36.91		
ROCH	0.92	222 iPd	46 23.63	-0.7	
RTBS	0.94	48 iPd	46 23.30	-1.3	
FCH	1.03	181 iPd	46 25.90	-0.5	
		iS	46 41.48		
SAN	1.20	196 iPd	46 28.89	-0.2	
		iS	46 45.20		
MDZ	1.34	116 iP	46 31.40	0.0	
		iS	46 49.60		
PCH	1.34	189 iPd	46 31.45	0.0	
		iS	46 49.69		
IHA	1.36	237 iPc	46 30.80	-0.9	
		iS	46 49.60		
TACH	1.47	202 iPd	46 32.87	-0.3	
RTCV	1.54	74 iPc	46 33.60	-0.6	
LCCH	1.60	222 iPd	46 35.10	0.0	
CHCH	1.67	191 iPd	46 36.44	0.3	
		iS	46 59.32		
RTLL	1.81	58 iPd	46 37.70	-0.5	
		S	47 01.50		

CFA	1.86	69 ePc	46 39.00	0.1	
		S	47 02.30		
LNv	1.91	210 iPd	46 39.97	0.4	
		iS	47 05.51		
TLL	2.17	348 iPd	46 43.80	0.2	
		iS	47 11.50		
RFA	2.90	149 ePd	46 55.80	2.0	
		i	47 00.00		
		S	47 39.30		
MRA	3.87	93 ePd	47 08.20	0.7	
		S	47 55.00		
TCA	4.93	80 iP	47 22.20	-0.5	
		(S)	48 19.00		
CYA	5.45	46 iPc	47 28.20	-1.8	
ANT	8.56	359 eP	48 21.50	8.0X	
CNCB	15.56	8 P	49 48.00	-0.3	
LPB	15.82	8 eP	49 54.00	2.5	
ZOBO	16.05	7 eP	49 42.00	-12.8X	
SIV	18.26	29 P	50 23.00	1.1	
	S.D.	= 1.0 on 24 of 26 obs.			

? NOV 11, 1992 03h 57m 14.18±6.78s
16.888 N ± 73.4km 99.713 W ± 59.5km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	0.14	263 iP	57 17.50	0.0	
		iS	57 21.50		
III	1.50	9 eP	57 40.50	-0.8	
		iS	58 04.00		
TPM	2.17	16 (P)	57 52.50	1.4	
		(S)	58 18.00		
PPM	2.40	25 eP	57 54.00	-0.6	
	S.D.	= 1.7 on 4 of 4 obs.			

* NOV 11, 1992 05h 27m 31.05±1.11s
27.638 N ± 10.4km 92.852 E ± 7.9km
DEPTH = 68.4 ± 13.8 km
4.5mb (8 obs.)
EASTERN XIZANG-INDIA BORDER REG. (313)

SHL	2.24	203 eP	28 07.00	0.3	
		eS	28 34.50		
LSA	2.54	324 iPnc	28 12.80	1.6	
		Pg	28 14.00		
		Sn	28 39.20		
		Sg	28 44.80		
KMI	9.21	104 eP	29 56.00	12.2X	
CD2	10.07	69 eP	29 57.20	1.9	
CHG	10.41	146 eP	29 56.00	-4.0X	
GYA	12.37	92 P	30 25.20	-1.0	

LZH	12.57	45 Pd	30 27.00	-1.9	
	1.4s	26.00nm			4.9mb
		pP	30 35.60		
		sP	30 39.00		
NDI	13.83	278 iP	30 39.00	-6.4X	
		iS	33 05.00		
XAN	15.20	61 P	31 02.20	-0.9	
	1.0s	8.50nm			3.9mb
		pP	31 14.00		
HYB	16.66	235 eP	31 20.00	-1.6	
		e	31 28.00		
		eS	34 39.00		
WMO	16.68	347 P	31 25.00	3.3X	
		pP	31 28.50		
		sP	31 32.00		
		PP	31 35.00		

KSH	18.31	314 P	31 42.00	0.0	
	1.0s	30.00nm			4.5mb
BTO	19.17	43 eP	31 51.00	-1.0	
TIY	19.27	54 eP	31 51.90	-1.1	
POO	19.67	247 eP	32 04.00	6.7X	
GBA	20.05	229 P	32 06.00	4.8X	
		S	36 06.00		
HHC	20.27	45 P	32 04.90	1.4	
KOD	22.57	223 eP	32 33.00	6.1X	
BJI	22.91	51 eP	32 33.50	3.8X	
MLR	55.06	308 eP	36 58.00	-0.1	
HFS	61.12	326 eP	37 39.20	-0.9	
	0.5s	1.70nm			4.5mb
WRA	62.05	135 P	37 48.80	1.9	
	0.8s	4.30nm			4.6mb
NB2	62.23	327 P	37 46.70	-0.9	
	0.7s	2.90nm			4.5mb
GEC2	62.82	313 ePc	37 51.80	0.0	
	0.4s	2.79nm			4.6mb
		e	37 54.40		
		e	37 57.60		
		e	38 01.10		

FBA 76.59 22 eP 39 17.71 2.3
0.9s 4.76nm 4.4mb
S.D. = 1.5 on 17 of 25 obs.

% NOV 11, 1992 05h 36m 10.35±2.36s
18.616 N ± 24.2km 66.384 W ± 8.8km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

APR	0.37	244 P	36 18.00	-1.0	
SJG	0.55	156 iP	36 22.30	0.6	
		S	36 35.80		
CLLP	0.56	199 P	36 22.20	0.3	
LPR	0.58	122 P	36 21.30	-0.8	
		S	36 33.50		
PORP	0.61	203 P	36 22.70	0.2	
MCP	0.72	254 P	36 25.80	1.8	
CPD	0.73	142 P	36 24.60	0.4	
MGP	0.90	228 P	36 25.10	-1.6	
		S	36 41.40		

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

% NOV 11, 1992 05h 36m 51.09±0.98s
10.631 N ± 8.5km 61.640 W ± 16.8km
DEPTH = 33.0km (normal)
TRINIDAD (98)
MD 3.6 (TRN). Felt (II) on
Trinidad.

TCE	0.13	300 eP	36 57.22	0.1	
		eS	37 03.17		
TRN	0.23	86 eP	36 58.00	0.0	
		eS	37 04.00		
TPP	0.36	149 eP	36 59.62	-0.1	
		eS	37 07.75		
PIG	0.94	56 eP	37 14.18	6.2X	
		eS	37 22.97		
TPR	1.01	57 eP	37 14.71	5.7X	
		eS	37 23.51		
GRW	1.52	359 eP	37 15.65	-0.7	
		eS	37 34.85		
SVB	2.65	8 eP	37 33.07	0.6	
		eS	38 04.63		
SVV	2.70	9 eP	37 33.16	0.0	
		eS	38 05.06		

S.D. = 0.5 on 6 of 8 obs.

? NOV 11, 1992 05h 56m 58.28±2.16s
48.307 N ± 13.3km 0.297 W ± 14.6km

11d 05h

DEPTH = 5.0km (geophysicist)
 FRANCE (538)
 ML 2.1 (LDG).
 LDF 0.31 22 Pg 57 04.60 0.1
 Sg 57 08.70
 GRR 0.38 282 Pg 57 06.10 0.1
 Sg 57 11.00
 FLN 0.47 345 Pg 57 07.60 -0.1
 Sg 57 13.60
 LPF 0.57 241 Pg 57 09.60 -0.1
 Sg 57 17.00
 S.D. = 0.2 on 4 of 4 obs.

* NOV 11, 1992 06h 26m 02.76 ± 1.44s
 38.044 N ± 7.9km 26.990 E ± 12.8km
 DEPTH = 5.0km (geophysicist)

AEGEAN SEA (365)
 MD 3.4 (ISK).

IZM 0.41 31 iPg 26 10.50 -0.6
 iSg 26 16.40
 CIN 0.98 117 ePg 26 21.00 -0.7
 iSg 26 36.00
 YER 1.37 131 iPn 26 29.00 0.4
 EZN 1.85 344 ePn 26 35.00 -0.4
 KHL 2.02 81 ePn 26 38.00 0.1
 DST 2.02 39 iPn 26 38.30 0.4
 KCT 2.44 25 iPn 26 44.60 0.6
 ALT 2.65 67 ePn 26 47.00 0.1
 S.D. = 0.6 on 8 of 8 obs.

* NOV 11, 1992 06h 31m 22.58 ± 1.13s
 7.266 N ± 9.0km 126.722 E ± 14.4km
 DEPTH = 70.0 ± 11.3 km
 4.6mb (7 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.06 334 iPd 31 42.50 0.4
 iS 32 15.00
 CGP 2.33 301 iPc 31 59.00 -0.4
 eS 32 24.00
 MAP 4.07 318 iPc 32 24.00 0.2
 iS 33 02.00
 PLP 4.24 336 ePc 32 26.00 -0.2
 eS 32 44.50
 MTN 20.45 168 eP 35 56.50 -0.4
 WB2 28.06 165 eP 37 08.30 -1.3
 0.5s 5.20nm 4.4mb
 e 37 24.90
 QIS 30.41 156 iPc 37 29.80 -0.8
 0.2s 9.00nm 5.2mb
 MAT 30.97 18 eP 37 34.00 -1.4
 0.8s 12.69nm 4.7mb
 ASPA 31.53 167 iPc 37 39.40 -1.0
 0.5s 7.30nm 4.7mb
 WAR8 33.25 180 eP 37 55.50 0.2
 LZH 35.51 327 eP 38 28.50 13.7X
 1.5s 19.00nm
 STK 41.44 161 iPc 39 04.30 0.3
 0.6s 3.80nm 4.4mb
 PKI 44.00 302 P 39 27.40 2.0
 KKN 44.18 303 P 39 27.00 0.3
 DMN 44.27 302 P 39 27.00 -0.5
 BWA 46.27 155 eP 39 45.00 2.1
 CAN 47.28 155 eP 39 52.20 1.3
 DZM 48.63 128 iPc 40 14.50 12.8X
 GBA 48.81 282 P 40 03.00 0.0
 IMA 79.18 24 eP 43 23.70 2.4
 PMR 80.87 29 (P) 43 29.86 -0.3
 KAF 88.48 332 eP 44 07.80 -0.5
 0.7s 4.30nm 4.8mb
 HFS 94.90 332 eP 44 35.70 -2.4
 0.4s 0.70nm 4.4mb
 S.D. = 1.3 on 21 of 23 obs.

% NOV 11, 1992 07h 07m 10.72 ± 0.66s
 39.889 N ± 5.7km 29.129 E ± 5.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.0 (ISK).

DST 0.48 234 iPg 07 20.70 0.2
 iSg 07 27.70
 KCT 0.69 301 iPg 07 24.60 0.2
 iSg 07 35.10
 GBZT 0.93 15 ePg 07 29.50 1.0

iSg 07 44.00
 BNT 1.04 297 iPn 07 30.00 -0.3
 EYL 1.04 49 ePn 07 29.60 -0.8
 EDC 1.07 296 ePn 07 30.50 -0.4
 ALT 1.13 137 iPn 07 32.00 0.1
 iSg 07 46.50
 ISK 1.18 357 iPn 07 32.60 0.0
 S.D. = 0.6 on 8 of 8 obs.

% NOV 11, 1992 07h 09m 32.60 ± 0.74s
 39.896 N ± 7.5km 29.101 E ± 5.8km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.9 (ISK).

DST 0.47 232 iPg 09 41.70 -0.4
 iSg 09 49.20
 KCT 0.67 302 iPg 09 46.60 0.6
 iSg 09 57.10
 BNT 1.02 297 ePn 09 52.00 0.2
 EYL 1.05 50 ePn 09 52.10 -0.4
 EDC 1.05 296 ePn 09 52.00 -0.4
 ALT 1.15 137 ePn 09 54.50 0.4
 eSg 10 09.00
 S.D. = 0.6 on 6 of 6 obs.

NOV 11, 1992 07h 38m 01.68 ± 0.58s
 39.093 N ± 6.0km 29.734 E ± 5.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.4 (ISK).

ALT 0.30 97 iPg 38 07.00 -0.9
 DST 1.00 301 iPn 38 20.70 0.1
 eSg 38 36.20
 EYL 1.51 12 iPn 38 29.10 0.3
 KCT 1.57 318 iPn 38 30.10 0.5
 GBZT 1.71 353 ePn 38 29.30 -2.3
 iSg 38 59.50
 BNT 1.88 313 ePn 38 35.00 0.8
 EDC 1.91 312 ePn 38 35.00 0.4
 IZM 2.05 251 ePn 38 36.50 -0.2
 YER 2.27 211 iPn 38 40.00 0.2
 ELL 2.34 177 iPn 38 41.00 0.0
 EZN 2.74 287 ePn 38 46.00 -0.4
 DMK 3.11 332 ePn 38 51.50 -0.2
 KAS 3.84 52 eP 39 04.00 1.9
 S.D. = 1.1 on 13 of 13 obs.

NOV 11, 1992 07h 46m 02.01 ± 0.86s
 41.178 N ± 7.5km 20.353 E ± 6.9km
 DEPTH = 10.0km (geophysicist)

ALBANIA (391)
 ML 2.5 (SKO).

OHR 0.34 101 iPg 46 07.60 -1.5
 iSg 46 13.40
 TIR 0.41 295 ePg 46 09.70 -0.6
 PHP 0.51 7 ePg 46 12.50 0.1
 LACI 0.67 314 ePg 46 20.00 4.8X
 TPE 0.92 197 ePg 46 20.10 0.5
 SKO 1.14 45 iPn 46 23.60 0.3
 iSg 46 39.70
 VAY 1.68 84 ePn 46 32.70 1.2
 S.D. = 1.2 on 6 of 7 obs.

& NOV 11, 1992 08h 41m 28.10s
 34.038 N 116.356 W

DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 3.1 (GS).
 Felt.

PEC 0.68 258 iPc 41 41.00 -0.8
 PLM 0.80 212 eP 41 43.52 -0.6
 eS 41 54.54
 SSK 1.12 279 eP 41 48.77 -1.4
 GSC 1.31 344 eP 41 52.26 -1.1
 GLA 1.61 127 eP 41 55.33 -2.6
 ISA 2.38 314 ePn 42 06.93 -2.2
 ABL 2.50 290 ePn 42 09.45 -1.5
 BCH 3.28 291 ePn 42 21.57 -0.3
 MEMM 4.18 331 ePn 42 30.74 -3.8
 ARUT 4.43 31 ePn 42 35.34 -2.9
 10 obs. associated

? NOV 11, 1992 08h 49m 05.78 ± 2.76s

40.851 N ± 12.1km 27.616 E ± 50.1km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)
 MD 2.5 (ISK).

EDC 0.54 159 ePg 49 16.00 -0.6
 BNT 0.55 155 ePg 49 16.00 -0.7
 eSg 49 24.00
 KCT 0.82 137 ePg 49 22.00 -0.2
 DMK 0.98 6 ePg 49 24.50 -0.3
 eSg 49 38.50
 DST 1.47 148 ePn 49 34.70 1.8
 S.D. = 1.4 on 5 of 5 obs.

NOV 11, 1992 10h 10m 45.51 ± 0.28s
 42.462 N ± 3.5km 20.998 E ± 2.8km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
 ML 3.9 (SKO), 3.8 (TIR), 3.5
 (TTG), MD 3.7 (ATH), 3.7 (LJU).

SKO 0.59 146 iPg 10 55.70 -1.7
 0.3s 2150.00nm
 iSg 11 03.20
 PVY 0.77 280 iPg 10 59.03 -1.6
 iSg 11 10.14
 IVA 0.91 297 iPg 11 02.02 -0.9
 iSg 11 15.07
 LACI 1.27 230 ePg 11 09.50 0.5
 iSg 11 26.00
 TTG 1.29 269 iPg 11 08.73 -0.6
 iSg 11 27.18
 OHR 1.36 186 iPg 11 08.80 -1.7
 iSn 11 27.70
 ULC 1.39 250 iPg 11 10.87 -0.1
 iSg 11 30.87
 TIR 1.40 218 iPg 11 12.00 1.0
 iSg 11 31.00
 PLE 1.46 307 iPg 11 12.53 0.5
 iSg 11 33.40
 NKY 1.52 284 iPg 11 13.18 0.4
 iSg 11 34.83
 BDV 1.62 264 iPg 11 15.23 1.1
 iSg 11 38.34
 VAY 1.64 134 iPn 11 14.00 -0.4
 iSn 11 35.70
 VTS 1.64 85 iPd 11 15.00 0.4
 KKB 1.66 110 iP 11 16.00 1.2
 GRG 1.83 145 ePb 11 17.32 0.0
 iSb 11 43.53
 HCY 1.85 270 iPnd 11 18.74 1.2
 iSn 11 44.54
 BRY 1.86 284 iPnc 11 18.90 1.1
 iSn 11 44.77
 KNT 1.92 132 iPb 11 18.52 -0.1
 eSb 11 37.76
 MMB 2.21 112 iP 11 25.00 2.2
 KZN 2.23 165 ePn 11 14.50 -8.6X
 eSn 11 52.00
 TPE 2.29 199 iPnc 11 25.30 1.4
 iSn 11 56.00
 VLO 2.29 210 ePn 11 25.30 1.4
 PGB 2.35 87 eP 11 25.00 0.2
 THE 2.35 140 ePn 11 24.00 -0.7
 iSn 11 31.14
 SRS 2.36 124 iPn 11 24.57 -0.3
 eSn 11 53.40
 SOH 2.41 132 ePn 11 25.60 0.0
 eSn 11 50.32
 LIT 2.61 154 iPn 11 28.33 -0.2
 iSn 12 07.48
 PLD 2.77 96 eP 11 34.00 3.2X
 RZN 2.87 104 iP 11 33.00 0.6
 KEK 2.89 199 ePn 11 31.00 -1.4
 IGT 2.97 190 ePn 11 34.24 0.7
 eSn 12 17.64
 OUR 3.09 132 ePn 11 30.46 -4.7X
 OUR 3.09 132 iPn 11 34.89 -0.3
 GZR 3.20 23 ePd 11 37.50 0.6
 PAIG 3.24 140 ePn 11 36.84 -0.6
 iSn 11 36.89
 AGG 3.58 163 ePn 11 41.60 -0.7
 eSn 12 22.24
 DEV 3.69 21 ePd 11 57.00 13.3X
 ALN 4.09 111 ePn 11 49.04 -0.4
 iSn 12 26.30
 MLR 4.68 48 eP 12 02.00 4.0X

PTJ 4.99 315 e 16 02.50
 VBY 5.14 308 eP 11 58.50 -3.8x
 PSZ 5.51 352 e(Pn) 12 04.90 0.6
 CEY 5.75 307 ePn 12 08.60 -1.1
 eSg 12 13.00 0.0
 eSg 13 29.00

LJU 5.86 310 e(Pn) 12 24.50 10.0x
 e 12 27.50
 eSg 13 50.00

VOY 6.23 307 ePn 12 19.10 -0.6
 e(Sg) 13 35.20

KBA 7.14 313 ePn 12 32.00 -0.6
 eSn 13 52.00

KHC 8.44 325 eP 12 50.00 -0.7
 S.D. = 0.9 on 40 of 47 obs.

NOV 11, 1992 10h 25m 19.15± 0.77s
 40.481 N ± 8.9km 29.338 E ± 6.8km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 2.6 (ISK).

GBZT 0.32 15 ePg 25 26.20 0.4
 iSg 25 31.00

EYL 0.63 82 ePg 25 31.50 -0.4
 eSg 25 40.50

KCT 0.79 253 iPg 25 35.00 0.6
 eSg 25 47.00

DST 1.03 212 iPn 25 39.10 0.4
 BNT 1.09 264 ePn 25 39.00 -0.6

EDC 1.13 264 ePn 25 40.00 -0.4
 S.D. = 0.7 on 6 of 6 obs.

* NOV 11, 1992 10h 43m 15.88± 3.42s
 37.907 N ± 24.6km 16.604 E ± 17.4km
 DEPTH = 33.0km (normal)

IONIAN SEA (399)
 ML 4.1 (TTG).

IGT 3.34 60 ePn 44 07.52 0.5
 eSn 44 46.60

ULC 4.53 26 iPnc 44 24.03 0.1
 iSn 45 12.13

AGG 4.63 74 ePn 44 26.68 1.3
 eSn 45 17.44

BDV 4.69 21 iPn 44 26.46 0.3
 iSn 45 15.06

TTG 4.95 23 iPnd 44 30.04 0.1
 iSn 45 21.45

LIT 5.08 63 ePn 44 31.44 -0.3
 eSn 45 28.40

BRY 5.20 16 iPnc 44 33.06 -0.5
 iSn 45 26.59

NKY 5.23 20 iPnd 44 33.35 -0.6
 iSn 45 28.21

HVAR 5.27 359 iPn 44 34.00 -0.3
 iSn 45 31.20

PVY 5.34 28 iPnd 44 36.14 0.6
 iSn 45 31.46

GRG 5.42 54 ePn 44 36.68 0.1
 iSn 45 36.59

IVA 5.56 26 iPnc 44 38.65 0.2
 iSn 45 36.59

VAY 5.73 52 iPn 44 41.30 0.5
 iSn 45 42.84

PAIG 5.87 68 ePn 44 41.98 -0.9
 eSn 45 44.08

SOH 5.98 59 ePn 44 44.08 -0.5
 eSn 45 46.92

OUR 6.23 65 ePn 44 46.92 -1.0
 eSn 45 08.60

VBY 7.66 353 ePn 45 08.60 0.7
 eSn 46 33.40

PTJ 8.00 357 eP 45 12.20 -0.6
 S.D. = 0.6 on 19 of 19 obs.

% NOV 11, 1992 10h 44m 13.77± 1.61s
 44.292 N ± 8.6km 8.987 E ± 14.2km
 DEPTH = 10.0km (geophysicist)

NORTHERN ITALY (545)
 ML 2.5 (LDG).

SBF 1.20 250 Pn 44 36.50 0.4
 Sn 44 51.80

PGF 1.74 180 Pn 44 44.40 0.0
 Sn 44 45.50

FRF 1.84 247 Pn 44 45.50 -0.2
 Sn 45 06.90

LPG 1.99 308 Pn 44 48.10 -0.1
 Sn 45 11.60

LPL 2.02 308 Pn 44 48.50 0.1

LMR 2.03 243 Pn 45 11.80
 Sn 44 48.60 0.2

LRG 2.08 247 Pn 44 48.50 -0.5
 Sn 45 13.00

S.D. = 0.3 on 7 of 7 obs.

? NOV 11, 1992 10h 52m 02.84± 3.36s
 43.799 N ± 34.0km 8.071 E ± 17.2km
 DEPTH = 5.0km (geophysicist)

CORSICA (380)
 ML 2.1 (LDG).

SBF 0.46 278 Pg 52 12.40 0.2
 Sg 52 19.00

FRF 1.06 257 Pg 52 23.00 -0.3
 Sg 52 38.00

LMR 1.23 248 Pg 52 26.80 0.7
 Sg 52 43.50

LRG 1.29 255 Pn 52 26.50 -0.7
 Sg 52 44.10

PGF 1.42 151 Pn 52 29.50 0.0
 S.D. = 0.7 on 5 of 5 obs.

NOV 11, 1992 10h 53m 21.07± 0.75s
 38.053 N ± 7.2km 29.018 E ± 7.6km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)
 MD 3.3 (ISK).

KHL 0.48 56 iPg 53 29.00 -1.9
 iPg 53 41.00

YER 1.09 213 iPg 53 41.00 -0.5
 eSg 53 56.00

ALT 1.32 40 iPn 53 45.10 -0.4
 BCK 1.38 115 ePn 53 47.30 0.9

IZM 1.43 285 ePn 53 46.50 -0.5
 ELL 1.48 151 ePn 53 48.50 0.6

DST 1.58 349 iPn 53 49.60 0.4
 KCT 2.25 347 ePn 54 00.00 1.0

BNT 2.45 340 ePn 54 04.00 2.2
 EZN 2.75 311 ePn 54 04.00 -2.0

S.D. = 1.5 on 10 of 10 obs.

? NOV 11, 1992 11h 17m 46.13± 0.89s
 40.807 N ± 7.4km 22.992 E ± 7.4km
 DEPTH = 10.0km (geophysicist)

GREECE (364)

THE 0.18 187 iPg 17 49.89 -0.2
 SOH 0.27 87 iPg 17 52.14 0.2

KNT 0.36 349 iPg 17 53.26 -0.3
 eSg 17 59.20

GRG 0.47 289 ePg 17 56.04 0.3
 eSg 18 02.80

S.D. = 0.5 on 4 of 4 obs.

* NOV 11, 1992 12h 06m 58.11± 0.48s
 39.008 S ± 3.5km 176.154 E ± 4.8km
 DEPTH = 97.4 ± 7.0 km

4.6mb (1 obs.)
 NORTH ISLAND, NEW ZEALAND (159)

WHH 0.29 65 Pc 07 11.30 -1.4
 NGZ 0.46 248 P 07 14.00 0.2

TAHZ 0.47 106 Pd 07 14.20 0.4
 CNZ 0.51 248 Pc 07 14.30 0.3

DRZ 0.53 240 eP 07 14.70 0.2
 PATZ 0.63 7 P 07 14.20 -0.8

WAHZ 0.71 167 Pc 07 16.70 1.1
 PAHZ 0.72 78 Pd 07 15.50 -0.2

TTH 0.75 136 P 07 16.60 0.7
 MOH 0.78 99 P 07 16.60 0.3

TAZ 0.82 20 P 07 16.00 -0.7
 UTU 0.83 2 Pc 07 16.30 -0.5

URZ 1.06 45 Pd 07 18.40 -0.8
 S 07 31.90

TEHZ 1.10 153 P 07 20.80 1.0
 MOZ 1.17 295 Pc 07 21.40 0.8

WLZ 1.22 339 Pd 07 21.50 0.4
 S 07 37.00

BSZ 1.23 230 Pd 07 23.50 2.2
 MAHZ 1.36 98 P 07 23.50 0.7

NOZ 1.52 76 P 07 24.40 -0.5
 PGZ 1.61 177 Pc 07 26.70 0.7

MNG 1.69 198 Pc 07 27.90 0.9

KIW 2.09 207 eS 07 49.00
 HBZ 2.20 51 P 07 32.90 0.7

MTW 2.21 193 Pc 07 33.30 -0.4
 CAW 2.26 201 Pc 07 33.70 -0.1

KUZ 2.28 351 Pc 07 34.70 0.2
 AMW 2.32 187 Pd 07 35.00 0.2

BLW 2.41 192 P 07 35.30 0.0
 DIW 2.48 223 P 07 36.30 -0.3

MRW 2.48 206 P 07 37.80 0.2
 MOW 2.51 196 P 07 37.30 -0.3

WEL 2.51 205 P 07 37.70 -0.6
 TCW 2.63 213 P 07 37.30 -0.2

QRZ 3.33 236 P 07 48.60 -0.5
 S 08 28.50

WCZ 3.38 334 eP 07 50.20 0.4
 THZ 3.71 221 eP 07 53.60 -0.7

KHZ 3.94 209 eS 08 37.10
 eS 07 56.10 -1.4

DSZ 4.30 229 P 08 39.00
 eS 08 00.80 -1.8

LTZ 4.78 217 eP 08 06.60 -2.5
 eS 08 06.30

MQZ 5.38 208 eP 08 13.30 -4.1X
 eS 09 10.80

ODZ 7.29 212 eP 08 39.60 -4.1X
 TUZ 8.45 213 eP 08 56.20 -3.2X

eS 10 25.10

ASPA 38.83 281 iPd 14 17.40 2.2
 0.8s 7.00nm 4.6mb

S.D. = 1.0 on 40 of 43 obs.

NOV 11, 1992 12h 08m 06.58± 0.32s
 43.041 N ± 3.4km 111.486 W ± 3.3km
 DEPTH = 5.0km (geophysicist)

4.1mb (1 obs.)
 EASTERN IDAHO (457)

ML 3.8 (GS), 4.0 (BUT). Felt (V)
 at Woyan and (II) of Idaho Falls.

PTI 0.67 256 ePn 08 19.54 -0.5
 S 08 30.64

HHA1 0.70 292 ePd 08 20.20 -0.4
 BW06 1.44 100 eP 08 33.00 -0.6

LTMT 1.55 343 ePn 08 34.70 -0.5
 HVU 1.58 218 ePn 08 34.72 -0.8

eS 08 56.69
 TPMT 1.69 356 ePn 08 37.10 -0.1

MCMT 2.04 332 ePnc 08 43.10 0.9
 MEMT 2.59 8 ePn 08 52.60 2.6X

DAU 2.63 176 ePn 08 50.99 0.2
 S 09 30.41

LCCM 2.81 354 ePn 08 55.70 2.5X
 LRM 2.87 346 ePn 08 56.10 2.1X

HBMT 2.87 344 ePn 08 55.60 1.5X
 DUG 3.01 200 eP 08 55.55 -0.4

BUT 3.07 346 ePg 09 02.90 6.1X
 eSg 09 42.80

EMUT 3.26 171 eP 09 00.40 0.7
 S 09 49.28

HRY 3.68 356 ePn 09 07.10 1.7X
 SRU 3.99 169 eP 09 10.58 0.6

MSU 4.55 187 eP 09 18.05 0.1
 RSSD 5.52 76 eP 09 30.84 -0.8

GOL 5.68 124 ePn 09 33.95 0.0
 DPW 6.75 318 (P) 09 49.54 0.7

BONR 7.26 228 (P) 09 56.32 0.1
 SES 7.36 2 P 10 05.00 7.6X

0.7s 3.00nm 4.6mb X
 LBFM 7.91 261 (P) 10 05.50 0.3

ACO 11.40 120 e(P) 10 52.50 -0.6
 FVM 16.78 100 (P) 12 04.90 1.1

0.6s 10.25nm 4.1mb
 S.D. = 0.6 on 19 of 26 obs.

* NOV 11, 1992 12h 08m 50.65± 0.84s
 29.235 S ± 9.2km 178.435 W ± 10.1km
 DEPTH = 270.8 ± 9.2 km

4.9mb (13 obs.)
 KERMADEC ISLANDS, NEW ZEALAND (178)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN

L.P.B.: 20S, 26C
 Centroid Location:

Origin Time 12:08:54.5 1.0
 Lat 28.50S 0.11 Lon 178.41W 0.10

11d 12h

Dep 275.1 3.9 Half-duration 1.1	NEW 94.66 36 eP 21 40.00 -1.7	4.0mb (1 obs.)	
Moment Tensor; Scale 10 ¹⁶ Nm	1.0s 7.50nm 4.8mb	BANDA SEA	(280)
Mrr=-3.28 0.45 Mtt=-2.71 0.71	MCMT 94.84 41 eP 21 43.20 0.3		
Mff= 5.99 0.82 Mrt=-5.89 0.58	HHC 95.15 314 eP 21 44.80 0.5	SLKI 3.53 93 iPc 56 22.00 0.0	
Mrf=-1.03 0.67 Mtf= 2.57 0.59	BW06 95.56 44 eP 21 46.00 -0.3	KUPT 4.70 240 eP 56 37.00 0.0	
Principal Axes:	1.0s 4.00nm 4.6mb	MTN 6.01 147 eP 56 54.90 0.7	
T Vol= 7.48 Plg=17 Azm=114	FBA 96.82 13 eP 21 48.86 -2.2	0.3s 85.00nm 5.5mb X	
N 1.47 39 219	1.2s 7.51nm 4.8mb		
P -8.96 45 6	SES 99.11 37 eP 22 01.00 -0.9	KNA 7.95 173 eP 57 18.90 -1.0	
Best Double Couple:Mo=8.2*10 ¹⁶	RSSD 99.66 45 eP 22 04.38 -0.4	0.3s 14.00nm 4.8mb X	
NP1:Strike=162 Dip=44 Slip=-155	1.0s 9.06nm 5.2mb	WB2 13.66 153 eP 58 32.70 -1.0	
NP2: 54 73 -48	LMN 126.32 53 ePKP 27 25.00 2.6	0.3s 14.00nm 4.8mb X	
	KAF 143.33 341 ePKP 27 48.50 -4.9X		
	0.5s 3.80nm	ASPA 16.84 160 iPc 59 14.40 1.4	
RAO 0.45 92 iP 09 26.90 0.5	OBN 143.99 326 ePKP 27 52.00 -2.8	0.4s 1.50nm 4.0mb	
S 09 43.00 0.5	1.5s 84.00nm	S.D. = 1.2 on 8 of 8 obs.	
HBZ 8.78 197 eP 10 53.90 -0.5			
WCZ 9.04 220 eP 11 06.50 8.7X	NUR 145.09 340 iPKP 27 55.00 -1.5	NOV 11, 1992 14h 06m 19.43±0.19s	
URZ 9.73 201 eP 11 07.50 1.0	0.8s 83.80nm	45.659 N ± 2.6km 26.513 E ± 2.2km	
	UPP 147.50 345 iPKP 28 01.80 1.4	DEPTH = 141.7km (2 depth phases)	
NOZ 9.81 196 eP 11 06.50 -0.9	NB2 147.55 351 PKP 28 02.20 1.7	4.4mb (21 obs.)	
MOZ 10.82 209 eP 11 26.30 6.2X	1.0s 35.60nm	ROMANIA (358)	
NGZ 11.07 205 eP 11 27.50 4.1X	HFS 148.03 349 ePKP 28 02.50 1.2	Felt (IV) at Chisinau, Moldova.	
CNZ 11.11 205 eP 11 28.50 4.6X	1.0s 52.00nm		
WAMZ 11.29 201 eP 11 25.60 -0.4	KAS 151.23 304 iPKPd 28 14.70 7.9X	VR1 0.26 35 iPd 06 41.00 2.6	
SVA 11.43 345 iPd 11 20.00 -7.7X	KSP 155.74 337 ePKP 28 21.00 8.3X	BRD 0.40 111 iPc 06 41.10 2.2	
BSZ 11.87 206 eP 11 37.00 3.9X	ic 28 39.60	MLR 0.43 247 iPd 06 41.00 1.1	
PGZ 12.15 199 eP 11 39.60 3.0	i 28 50.00	ISR 0.52 178 iPc 06 42.10 1.8	
MNG 12.40 202 eP 11 37.90 -1.8	CLL 156.34 342 e(PKP) 28 25.00 11.5X	CFR 1.25 112 iPd 06 47.00 1.0	
	i 28 41.50	PTT 1.28 356 iPc 06 48.00 1.6	
KIW 12.81 203 eP 11 44.80 0.0	S.D. = 1.2 on 61 of 72 obs.	BUC 1.28 193 iPd 06 48.00 1.7	
CAW 12.98 202 eP 11 44.90 -1.9	% NOV 11, 1992 13h 39m 07.31±1.50s	BUC1 1.36 195 iPd 06 48.00 0.9	
DIW 13.12 206 eP 11 50.40 1.8	41.351 N ± 15.3km 24.302 E ± 7.1km	IAS 1.70 25 iP 06 50.00 -0.9	
MRW 13.21 203 P 11 51.00 1.4	DEPTH = 10.0km (geophysicist)	KIS 2.12 49 iPd- 06 56.50 0.6	
	GREECE-BULGARIA BORDER REGION (363)	0.3s 2500.00nm	
THZ 14.34 207 eP 12 03.10 -0.3			
KHZ 14.67 204 eP 12 06.60 -0.6	SRS 0.58 247 ePg 39 18.42 -0.7	DEV 2.54 276 iPd 07 02.50 1.4	
	eSg 39 27.70	PVL 2.58 200 iPd 07 04.00 2.3	
DSZ 14.79 210 eP 12 07.30 -1.5	SOH 0.89 234 ePg 39 25.10 0.7	GZR 2.64 266 iP 07 03.00 0.5	
LTZ 15.46 207 eP 12 15.20 -1.7	eSg 39 37.42	BMR 2.89 315 iPc 07 07.00 1.4	
	OUR 1.04 194 ePg 39 27.06 0.1	CEI 3.45 307 eP 07 25.00 12.1X	
MQZ 16.11 204 eP 12 24.60 0.6	eSg 39 41.02	PGB 3.54 209 iPd 07 05.00 -9.1X	
	KNT 1.08 260 ePg 39 27.78 0.2	DIM 3.68 191 iPd 07 16.00 0.1	
RMO 29.09 267 eP 14 30.00 1.6	eSg 39 42.78	TIM 3.71 273 iPd 07 18.00 1.7	
CTA 33.25 278 iP 15 04.00 -0.7	ALN 1.39 108 ePb 39 32.78 0.0	PLD 3.79 201 iP 07 17.00 -0.3	
	PAIG 1.50 199 ePb 39 33.94 -0.3	VTG 3.88 219 iP 07 19.00 0.2	
ASPA 42.81 266 iPd 16 25.70 1.8	S.D. = 0.6 on 6 of 6 obs.	DMK 3.94 166 iPn 07 19.60 0.2	
0.4s 4.00nm 4.1mb		KDZ 4.09 192 iPd 07 22.00 0.6	
MAT 77.07 325 eP 20 11.00 -4.4X	& NOV 11, 1992 13h 41m 32.90s	UZH 4.14 318 iPd 07 22.00 0.0	
1.2s 45.31nm 5.1mb	38.808 N 122.760 W		
BCH 84.44 44 eP 20 54.96 0.9	DEPTH = 2.0km		
ABL 84.75 45 eP 20 55.97 0.2	NORTHERN CALIFORNIA (36)		
PLM 85.28 48 ePd 20 58.95 0.5	<BRK>. ML 3.2 (BRK), 2.7 (GS).		
SSK 85.29 47 eP 20 58.66 0.2			
PEC 85.43 47 eP 20 59.17 0.2			
1.0s 12.99nm 4.7mb			
KMPM 85.67 38 eP 21 00.94 0.9	NTYM 0.42 170 eP 41 41.15 -0.2	RZN 4.18 199 eP 07 23.00 0.2	
ISA 85.74 45 ePd 21 00.73 0.2	ZSP 0.95 155 eP 41 52.50 0.8	LVV 4.48 339 eP 07 18.00 -8.6X	
1.1s 41.01nm 5.2mb	iS 42 07.30		
CMB 86.15 42 eP 21 02.10 -0.3	HMR 1.00 131 ePn 41 52.27 -0.2	KKB 4.53 214 iP 07 28.00 0.7	
1.0s 20.75nm 4.9mb	BKS 1.02 156 ePd 41 52.49 -0.4	MMB 4.54 207 iP 07 29.00 1.5	
GLA 86.41 49 ePc 21 05.07 1.3	eS 42 07.17	ALN 4.77 184 ePn 07 30.00 -0.4	
ORV 86.53 40 ePd 21 03.63 -0.5	ORV 1.23 52 eP 41 55.86 -0.7	ISK 4.95 157 eP 07 31.50 -1.4	
GSC 86.55 46 iPc 21 04.78 0.4	JEGM 1.31 170 eP 41 58.30 0.4	SRS 5.01 206 ePn 07 33.66 -0.1	
WDC 86.65 39 eP 21 04.32 -0.3	S 42 17.52	eSn 08 18.38	
1.1s 25.08nm 5.0mb	MHC 1.71 149 ePc 42 04.03 0.0	PSZ 5.08 299 ePnd 07 33.70 -1.0	
LGPM 86.72 39 eP 21 05.00 -0.2	ARN 1.75 146 eP 42 03.56 -0.9	VAY 5.20 215 iPn 07 36.30 0.1	
BONR 87.34 43 P 21 08.43 0.0	COE 1.77 151 eP 42 04.16 -0.6	SKO 5.20 227 iPn 07 36.50 0.2	
WHN 87.34 307 eP 21 08.00 -0.2	WDC 1.78 5 eP 42 05.30 0.4		
LBFM 87.53 39 iPd 21 09.11 -0.1	KMPM 1.92 327 (Pn) 42 09.17 2.2	KNT 5.21 212 ePn 07 36.34 0.0	
TIA 88.90 313 eP 21 15.60 0.1	ePg 42 14.96	GBZT 5.32 155 iPd 07 37.50 -0.3	
CN2 88.99 323 Pc 21 15.00 -0.7	CMB 2.02 112 ePc 42 07.79 -0.6	SOH 5.36 207 iPn 07 38.14 -0.3	
1.2s 63.00nm 5.4mb	eS 42 34.60	eSn 08 26.94	
epP 22 19.00 265kmX	LGPM 2.10 359 ePn 42 11.36 1.7	BNT 5.40 168 iP 07 38.00 -1.0	
SHW 90.67 35 eP 21 23.89 0.3	ePg 42 15.75	EDC 5.40 169 iP 07 39.00 0.0	
VGB 90.96 36 eP 21 24.58 -0.2	FHC 2.20 335 (P) 42 13.02 2.0	SIM 5.41 95 eP 07 39.50 0.4	
MSU 91.45 46 ePd 21 28.12 0.6	ePg 42 20.62	eS 08 38.00	
RMW 91.76 35 ePd 21 27.97 -0.5	LBFM 2.62 14 (P) 42 18.75 1.6	BUD 5.48 292 eP 07 37.50 -2.5	
BJI 91.83 316 eP 21 28.00 -0.8	MEMM 3.22 110 eP 42 23.63 -1.8	IVA 5.51 242 iPnc 07 40.77 0.3	
1.1s 24.00nm 5.1mb	BONR 3.61 102 (P) 42 29.95 -1.3	SPC 5.53 312 iPd 07 41.30 0.5	
TIY 92.81 312 eP 21 33.80 0.3	MTUM 3.62 112 ePn 42 29.31 -2.0	KCT 5.57 165 iP 07 40.50 -0.8	
SRU 92.84 46 eP 21 33.71 -0.1	18 obs. associated	GRG 5.58 214 ePn 07 40.70 -0.6	
HVU 93.04 43 eP 21 34.75 0.1		eSn 08 30.54	
XAN 93.11 307 eP 21 35.20 0.2	? NOV 11, 1992 13h 55m 26.22±1.98s	PLE 5.60 248 iPnd 07 42.29 0.6	
DAU 93.15 45 eP 21 35.95 0.6	7.811 S ± 23.6km 127.743 E ± 11.9km		
TTA 93.58 10 eP 21 33.90 -2.6	DEPTH = 181.8 ± 18.2 km		
1.3s 9.09nm 4.7mb			

PVY	5.62	239	iPnc	07 42.39	0.4	KAF	0.6s	8.20nm	4.2mb	MCP	0.88	222	P	18 32.50	-0.3	
			iSn	08 29.52			16.49	360 eP	09 59.50	-4.0X	LPR	0.96	142	P	18 34.00	-0.1
OUR	5.64	200	iPn	07 40.98	-1.1		0.4s	4.70nm	4.2mb				S	18 41.00		
			eSn	08 32.18		NB2	17.83	335 P	10 14.00	-5.8X	SJG	1.01	161	iP	18 35.00	0.2
EYL	5.75	151	eP	07 44.00	0.3		0.7s	14.30nm	4.4mb		PORP	1.02	188	P	18 34.00	-0.9
EZN	5.83	181	iP	07 42.50	-2.2	EKA	21.06	308 P	10 58.00	4.8X	CPD	1.16	152	P	18 37.00	0.1
SRO	6.03	294	iP	07 48.40	0.9		1.2s	17.00nm	4.3mb		MGP	1.20	208	P	18 37.90	0.5
PAIG	6.10	201	ePn	07 47.10	-1.2	SDF	21.82	360 iP	11 00.00	0.2	S.D. = 0.6 on 7 of 7 obs.					
NKY	6.10	245	iPnd	07 49.32	0.8	ARU	22.65	50 eP	11 09.00	0.2						
			iSn	08 42.52				e	11 37.00	139km						
TTG	6.14	241	iPnc	07 48.89	0.0	SVE	23.84	50 ePd	11 20.00	0.5						
			iSn	08 42.52				e	12 02.00	216kmX						
OHR	6.16	224	ePn	07 49.20	-0.1	BRVK	29.07	59 iPc	12 08.50	0.4						
DST	6.25	165	iP	07 49.90	-0.6		0.9s	12.00nm	4.6mb							
LIT	6.29	209	iPn	07 48.98	-2.1	ELT	38.55	56 eP	13 29.00	-0.3						
BRY	6.35	247	iPnc	07 52.79	0.8		0.9s	14.00nm	4.7mb							
			iSn	08 47.64		WMO	42.56	70 eP	14 04.20	1.7	KTH	0.17	9	eP	21 09.30	-1.1
OJC	6.41	318	iP	07 51.70	-1.0	TIC	47.49	225 P	14 40.00	-1.8	TRF	0.32	78	eP	21 12.66	-0.3
	1.0s	108.00nm			5.1mb X	KIC	47.60	224 Pc	14 40.50	-2.1	HUR	0.73	123	eP	21 19.99	0.1
			e	08 01.30			0.3s	10.00nm	5.0mb				eS	21 30.63		
ULC	6.42	237	iPnc	07 52.47	-0.3	LIC	47.85	225 Pc	14 42.40	-2.2	RND	0.96	88	eP	21 23.79	0.0
			iSn	08 49.34			0.3s	10.50nm	5.0mb				eS	21 37.15		
BDV	6.49	241	iPnc	07 54.26	0.5	GKN	48.67	90 P	14 51.24	0.2	MCK	0.98	68	eP	21 24.35	0.3
			iSn	08 50.64		DMN	49.24	90 P	14 55.84	0.3	SKT	1.43	190	eP	21 30.99	-0.3
BZK	6.56	122	iP	07 54.00	-0.6		0.6s	25.00nm	5.2mb				eS	21 50.73		
KAS	6.79	127	iPd	07 57.40	-0.5	KKN	49.25	90 P	14 55.58	0.0	NEA	1.46	34	eP	21 31.98	0.3
ZST	6.93	295	iP	07 57.70	-1.9	ZAK	49.43	55 eP	14 57.50	1.2			eS	21 52.01		
ALT	7.12	157	iP	08 03.20	0.9		1.0s	8.00nm	4.4mb		MLY	1.66	4	eP	21 33.47	-1.1
AGG	7.32	206	ePn	08 01.78	-3.2X			e	15 30.50	144km			eS	21 56.54		
ZAG	7.37	275	iPd	08 06.00	0.4	PKI	49.47	90 P	14 57.20	-0.2	WRH	1.68	48	eP	21 33.66	-1.1
PTJ	7.39	276	iPd	08 05.80	-0.1		0.8s	17.00nm	4.9mb		PWA	1.81	163	P	21 37.20	0.5
VKA	7.45	294	iPd	08 06.40	-0.2	GUN	49.60	90 P	14 58.48	0.1	GHO	1.88	149	eP	21 37.46	-0.3
	2.5s	410.00nm			5.5mb X	BOD	51.86	43 eP	15 13.50	-1.2	CCB	1.89	46	eP	21 35.93	-1.9
HVAR	7.62	255	ePn	08 09.70	0.7		1.1s	18.00nm	4.8mb		SUA	1.93	177	eP	21 38.19	-0.4
VRAC	7.65	302	iPd	08 08.80	-0.4	KOD	55.90	113 eP	15 44.00	-1.0			eS	22 04.84		
	1.5s	609.10nm			5.9mb X	LZH	57.14	70 P	15 53.20	-0.3	MDM	1.99	36	eP	21 38.39	-0.9
			e	08 16.00			1.5s	27.00nm	5.0mb				S	22 06.09		
ANN	7.65	92	eP	08 09.00	-0.3	BTO	58.50	63 eP	16 02.00	-0.9	PLRM	1.99	154	eP	21 39.20	-0.1
	0.8s	30.00nm			4.9mb X	XAN	61.70	69 P	16 24.10	-0.5	PMR	1.99	154	iP	21 38.83	-0.5
			eS	09 36.00		CN2	65.62	52 eP	16 49.00	-0.9			eS	22 06.65		
VBY	7.90	273	iPnd	08 13.20	0.5		1.0s	3.70nm	4.3mb		SML	2.00	141	eP	21 39.05	-0.5
			e(sPn)	08 45.60		IMA	68.61	0 eP	17 07.90	-0.6	HDA	2.06	58	eP	21 39.75	-0.5
MNK	8.28	4	eP	08 22.00	4.3X		1.0s	2.75nm	4.0mb		FBA	2.07	41	eP	21 39.87	-0.5
KVT	8.31	120	eP	08 17.00	-1.3	FBA	69.69	357 eP	17 15.00	0.1			iS	22 09.28		
LJU	8.37	277	ePn	08 19.00	0.8		0.9s	3.33nm	4.2mb		CGLM	2.14	193	eP	21 40.75	-0.8
			e	08 34.00		BW06	83.66	329 eP	18 31.50	-1.8	CRP	2.19	195	iPc	21 42.40	0.0
			e	09 00.50			0.8s	0.95nm	3.7mb				eS	22 10.98		
CEY	8.46	275	ePn	08 21.00	0.7	ASPA	118.47	96 ePKP	24 50.20	-1.5	CP2	2.21	196	eP	21 42.40	-0.3
KSP	8.56	311	iPc	08 20.30	-1.3		0.7s	2.70nm			BGL	2.23	198	eP	21 42.43	-0.4
	1.2s	39.00nm			4.9mb X	S.D. = 1.1 on 110 of 127 obs.					CKN	2.24	195	eP	21 43.03	0.1
			i	08 31.00												
VOY	8.82	277	ePn	08 25.50	0.4	? NOV 11, 1992 14h 39m 36.09±7.21s										
TRI	8.93	275	eP	08 27.30	0.9	19.238 N ±60.7km 66.462 W ±10.3km										
PRU	9.14	303	Pd	08 28.20	-1.1	DEPTH = 33.0km (normal)										
	1.1s	15.50nm			4.6mb X	PUERTO RICO REGION (90)										
			e	08 37.70							CKL	2.29	197	eP	21 44.13	0.4
KBA	9.22	284	iPd	08 30.80	0.4	APR	0.82	198 P	39 51.50	0.3	SCM	2.30	131	eP	21 43.83	0.0
	1.1s	24.60nm			4.8mb X	MCP	1.02	217 P	39 54.00	-0.1	KNK	2.30	148	eP	21 43.98	0.2
KHC	9.43	296	iPd	08 33.10	-0.1	LPR	1.08	149 P	39 55.00	0.0	TTA	2.33	261	eP	21 44.07	-0.2
	1.4s	33.80nm			4.8mb X			S	40 08.30		DJE	2.45	72	eP	21 46.40	0.6
			e	09 30.50		CLLP	1.16	185 P	39 56.00	0.0	PAX	2.53	97	eP	21 47.55	0.4
BRG	9.87	306	eP	08 36.80	-2.0	SJG	1.16	165 iP	39 56.00	-0.1	TOA	2.56	118	P	21 48.40	0.9
	2.0s	44.00nm			4.8mb X	PORP	1.19	188 P	39 56.20	-0.3	SDG	2.63	107	eP	21 49.26	0.8
CLL	10.59	307	e(P)	08 47.00	-1.4	CPD	1.30	156 P	39 58.20	0.1	PTE	2.69	159	eP	21 49.98	0.7
TBZ	10.73	111	iP	08 49.50	-0.6	MGP	1.36	206 P	39 59.00	0.1	SLKM	2.91	173	eP	21 52.39	0.0
OBN	11.42	31	iPc	08 55.60	-3.6X			S	40 17.00		IMA	2.93	338	eP	21 50.38	-2.5
	1.0s	28.00nm			4.8mb X	S.D. = 0.2 on 8 of 8 obs.							eS	22 24.84		
			iS	10 55.00		? NOV 11, 1992 14h 54m 38.17±3.35s										
KIV	11.62	93	eP	09 02.10	0.1	38.134 N ±14.1km 27.263 E ±43.3km										
PYA	11.86	92	eP	09 15.00	10.0X	DEPTH = 10.0km (geophysicist)										
CSS	11.88	152	eP	09 09.00	3.7X	TURKEY (366)										
LPG	13.85	276	eP	09 31.70	0.8	MD 3.2 (ISK).										
	0.6s	6.25nm			4.1mb						GLI	3.11	142	eP	21 55.93	0.8
LPL	13.86	276	eP	09 31.60	0.6	IZM	0.26	360 iPg	54 43.50	-0.3	VLZ	3.14	134	eP	21 56.12	0.6
	0.5s	8.55nm			4.3mb			iSg	54 49.50		SVW	3.15	226	eP	21 53.92	-2.0
GRO	13.88	93	eP	09 36.00	5.0X	YER	1.28	141 ePn	55 02.00	0.0	KNIM	3.41	152	eP	21 59.31	-0.2
RSL	13.91	277	P	09 31.24	-0.4	DST	1.81	36 ePn	55 09.40	-0.3	LTJ	3.67	155	eP	22 02.69	-0.5
ERE	14.26	106	iP	09 39.00	3.0	KCT	2.28	22 ePn	55 17.00	0.6	GLB	3.86	117	eP	22 07.14	1.2
	1.4s	10.00nm			3.9mb	S.D. = 0.7 on 4 of 4 obs.					CNPM	3.87	182	eP	22 07.37	1.3
PUL	14.31	8 (P)		09 33.00	-3.4X	? NOV 11, 1992 15h 18m 16.91±6.47s										
NUR	14.92	356	eP	09 40.20	-3.8X	19.070 N ±57.0km 66.489 W ±10.2km										
	0.5s	8.90nm			4.3mb	DEPTH = 33.0km (normal)										
UPP	15.18	343	iP	09 44.50	-2.8X	PUERTO RICO REGION (90)										
			i	09 57.70							TGL	4.65	121	eP	22 17.09	-0.2
GRS	15.83	106	eP	09 59.00	3.3X						BALM	4.68	116	eP	22 17.76	0.1
HFS	16.38	337	eP	09 58.40	-3.8X	APR	0.66	200 P	18 30.30	0.6	WAX	4.84	124	eP	22 20.02	0.2
						55 obs. associated										
						NOV 11, 1992 17h 36m 55.60±0.38s										

11d 17h

43.016 N \pm 3.5km 111.485 W \pm 4.8km
 DEPTH = 5.0km (geophysicist)
 3.6mb (1 obs.)

EASTERN IDAHO (457)
 ML 3.6 (GS), 3.8 (BUT).

PTI	0.67	258	ePd	37	08.63	-0.3
			eS	37	19.16	
HHA1	0.71	293	iPd	37	09.08	-0.8
BW06	1.44	99	iPd	37	22.50	-0.1
HVU	1.56	218	ePc	37	23.89	-0.3
			eS	37	45.28	
LTMT	1.58	344	iPnc	37	23.70	-0.8
TPMT	1.72	356	ePn	37	26.00	-0.6
MCMT	2.06	332	ePnc	37	31.80	0.2
BGMT	2.25	350	ePnc	37	35.10	0.8
DAU	2.61	176	eP	37	39.90	0.5
			S	38	17.48	
MEMT	2.61	8	ePn	37	41.10	1.7X
LCCM	2.84	354	ePnc	37	44.10	1.5X
LRM	2.89	346	ePn	37	44.60	1.2
HBMT	2.89	344	ePn	37	44.50	1.1
DUG	2.99	200	eP	37	44.27	-0.4
BUT	3.09	346	ePg	37	55.40	9.2X
			eSg	38	30.80	
EMUT	3.24	171	eP	37	48.96	0.6
			eS	38	37.34	
HRY	3.70	356	ePn	37	56.50	1.7X
SRU	3.97	169	ePn	37	57.64	-1.0
MSU	4.53	187	ePn	38	06.23	-0.4
PV10	4.99	157	ePn	38	14.00	0.8
ARUT	5.43	197	(Pn)	38	20.17	0.8
RSSD	5.52	76	ePn	38	18.75	-2.0
GOL	5.67	124	(Pn)	38	23.66	0.9
			ePg	38	42.65	
SES	7.39	2	P	38	55.00	8.3X
	0.8s	2.00nm			4.4mb	X
FVM	16.77	100	(P)	40	55.00	2.2X
	0.6s	3.25nm			3.6mb	

S.D. = 0.9 on 19 of 25 obs.

NOV 11, 1992 17h 43m 53.71 \pm 0.79s
 38.829 N \pm 6.4km 20.434 E \pm 5.9km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.6 (ATH).

VLS	0.66	169	ePg	44	07.70	0.8
IGT	0.71	354	iPg	44	06.94	-0.7
			eSg	44	17.84	
KEK	1.01	331	ePb	44	14.00	1.2
LSK	1.33	6	ePn	44	40.40	22.2X
AGG	1.49	82	ePb	44	19.40	-1.2
			eSb	44	39.68	
VLO	1.79	336	ePn	44	28.70	3.9X
			iSn	44	56.20	
KZN	1.80	35	ePb	44	26.00	0.9
LIT	2.04	51	iPn	44	28.92	0.5
			eSn	44	56.44	
OHR	2.30	7	iPn	44	34.30	2.0
			iSg	45	06.90	
TIR	2.55	350	ePn	44	37.50	1.7
			iSn	45	19.00	
GRG	2.61	35	ePn	44	36.52	-0.1
THE	2.66	47	ePn	44	38.00	0.7
ATH	2.72	107	ePb	44	42.00	3.8X
PAIG	2.74	65	ePn	44	38.26	-0.3
			eSn	45	10.48	
VLI	2.89	136	ePb	44	46.50	5.8X
VAY	2.98	33	iPn	44	41.70	-0.1
KNT	3.00	38	ePn	44	41.72	-0.5
			eSn	45	18.32	
SOH	3.00	48	ePn	44	42.04	-0.2
			eSn	45	19.00	
SKO	3.23	13	ePn	44	46.00	0.5
			i	44	49.00	
SRS	3.33	46	iPn	44	46.01	-0.9
BCI	3.54	356	ePn	44	54.50	4.6X
KKB	3.65	33	iP	44	51.00	-0.4
MMB	3.74	41	iP	44	52.00	-0.7
VTS	4.31	28	eP	45	01.00	0.1
RZN	4.35	48	iP	45	02.00	0.5
PGB	4.68	36	eP	45	05.00	-1.0
HVAR	5.29	327	ePn	45	13.90	-0.7
VBY	7.70	332	ePn	45	47.00	-1.5
			e(Sn)	47	18.70	
MLR	7.81	30	ePd	45	51.50	1.3

CEY 8.21 329 e(Pn) 45 54.00 -1.7
 eSn 47 25.00
 S.D. = 1.0 on 25 of 30 obs.

NOV 11, 1992 18h 00m 21.65 \pm 0.39s
 42.995 N \pm 3.5km 111.483 W \pm 5.0km
 DEPTH = 5.0km (geophysicist)
 4.2mb (1 obs.)

EASTERN IDAHO (457)
 ML 4.0 (GS), 4.4 (BUT). Felt (V)
 at Wayan. Also felt at Idaho
 Falls. Felt (II) at Alpine and
 Freedom, Wyoming.

PTI	0.66	260	eP	00	34.50	-0.4
HHA1	0.72	295	iPd	00	34.90	-1.2
HVU	1.55	219	ePc	00	49.70	-0.4
			eS	01	11.22	
LTMT	1.60	344	iPnc	00	49.30	-1.6
TPMT	1.74	356	ePn	00	51.90	-1.1
MCMT	2.08	332	ePnc	00	57.70	-0.2
BGMT	2.27	350	ePnc	01	00.20	-0.5
DAU	2.59	176	ePn	01	05.74	0.6
			eS	01	40.62	
MEMT	2.63	8	ePn	01	06.70	1.0
LCCM	2.86	354	ePnd	01	10.40	1.5
LRM	2.91	347	ePn	01	10.10	0.4
HBMT	2.91	344	ePn	01	10.90	1.1
DUG	2.97	200	eP	01	10.07	-0.4
BUT	3.12	346	ePg	01	21.30	8.8X
			eSg	01	56.50	
EMUT	3.22	171	ePn	01	14.71	0.6
			S	02	03.63	
HRY	3.72	356	ePn	01	22.60	1.4
SRU	3.95	169	eP	01	23.74	-0.7
MSU	4.51	187	eP	01	31.78	-0.6
PV10	4.97	157	ePn	01	40.00	1.0
ARUT	5.41	197	ePg	01	55.46	10.3X
GOL	5.66	124	ePn	01	47.28	-1.4
			ePg	02	06.46	
KVN	6.37	234	(P)	01	59.38	0.7
TNP	6.57	224	(Pn)	02	03.77	2.3X
DPW	6.79	318	ePn	02	02.91	-1.5
BONR	7.23	228	ePn	02	12.64	1.7
SES	7.41	2	P	02	26.00	12.9X
	0.8s	7.40nm				
LBFM	7.90	262	(P)	02	20.69	0.5
ACO	11.37	119	e(P)	03	06.00	-1.8
FVM	16.77	100	eP	04	19.76	1.0
	0.7s	13.79nm			4.2mb	

S.D. = 1.1 on 25 of 29 obs.

NOV 11, 1992 18h 16m 06.07 \pm 0.54s
 42.982 N \pm 4.5km 111.525 W \pm 6.8km
 DEPTH = 5.0km (geophysicist)

EASTERN IDAHO (457)
 ML 2.9 (GS), 3.2 (BUT).

PTI	0.63	260	(P)	16	17.52	-1.2
HHA1	0.70	297	eP	16	19.52	-0.5
HVU	1.52	218	eP	16	33.89	-0.2
LTMT	1.60	345	ePn	16	34.40	-1.0
TPMT	1.75	357	ePn	16	38.10	0.6
MCMT	2.08	333	ePn	16	42.30	0.0
BGMT	2.28	351	ePn	16	45.90	0.7
DAU	2.58	175	eP	16	50.50	1.1
MEMT	2.65	8	ePn	16	51.30	0.9
LCCM	2.87	355	ePn	16	55.70	2.3X
HBMT	2.92	345	ePn	16	55.50	1.3
DUG	2.95	200	eP	16	54.83	0.3
BUT	3.12	347	ePg	17	01.10	4.1X
EMUT	3.21	170	(P)	16	58.47	0.1
SRU	3.94	169	eP	17	09.31	0.6
RSSD	5.56	76	(Pn)	17	29.19	-2.5
	0.6s	1.68nm			3.9mb	

S.D. = 1.1 on 14 of 16 obs.

? NOV 11, 1992 18h 22m 18.25 \pm 1.69s
 38.064 N \pm 10.8km 27.211 E \pm 20.8km
 DEPTH = 5.0km (geophysicist)

TURKEY (366)
 MD 3.1 (ISK).

Izm	0.34	7	iPg	22	24.60	-0.4
			iSg	22	30.60	
YER	1.26	137	ePn	22	42.00	-0.1
EZN	1.89	339	ePn	22	51.60	0.2

DST 1.90 35 ePn 22 52.00 0.4
 S.D. = 0.6 on 4 of 4 obs.

? NOV 11, 1992 19h 12m 01.54 \pm 0.83s
 20.398 S \pm 21.1km 168.836 E \pm 18.0km
 DEPTH = 33.0km (normal)
 4.5mb (7 obs.) 4.3msz (1 obs.)
 LOYALTY ISLANDS (188)

DZM	2.78	233	iPd	12	43.20	-1.6
			iS	13	15.70	
RMQ	19.39	248	eP	16	29.50	1.8
	0.4s	10.00nm			4.4mb	
			i	16	39.70	
CTA	21.19	267	iPd	16	50.00	3.4X
QLP	23.37	250	eP	17	10.00	1.9
STK	26.92	239	eP	17	42.50	0.7
	0.7s	3.60nm			4.1mb	
WB2	32.34	265	iPd	18	29.00	-1.2
	1.1s	4.40nm			4.3mb	
			i	21	16.70	
WRA	32.35	265	P	18	29.50	-0.8
	0.7s	2.80nm			4.3mb	
ASPA	32.50	258	iPc	18	30.90	-0.7
	0.7s	24.80nm			5.2mb	
Z	19s	0.60um			4.3msz	
MEEK	46.23	252	eP	20	24.30	-1.4
MAT	63.60	333	eP	22	30.00	-1.4
	0.9s	6.72nm			4.8mb	
BJI	77.60	321	eP	23	56.50	0.5
CHG	78.79	295	eP	24	04.80	1.7
LZH	83.22	312	eP	24	27.50	1.2
	1.0s	17.00nm			5.1mb	
GUN	93.41	298	PKP	25	16.42	0.9
PKI	93.68	298	PKP	25	16.48	-0.3
KKN	93.87	298	PKP	25	17.36	-0.1
DMN	93.95	298	PKP	25	18.14	0.3
GKN	94.47	298	PKP	25	19.52	-0.7
BRG	143.73	333	e(PKP)	31	32.40	-2.3
PRU	144.12	331	ePKP	31	34.00	-1.4
ZST	144.12	327	ePKP	31	35.80	0.3
EKA	144.60	352	PKP	31	34.00	-2.0
	0.8s	8.00nm				
KHC	145.17	331	PKP	31	37.40	0.1
	1.3s	10.30nm				
			e	31	43.00	
			e	32	28.00	
GEC2	145.32	331	ePKPc	31	36.90	-0.7
	1.5s	15.27nm				
			e	31	38.70	
			e	31	43.70	
			e	31	46.50	
			e	31	49.30	
GRF	145.77	334	e(PKP)	31	38.60	0.4
			e	31	45.00	
DMU	146.40	355	iPKPd	31	39.50	0.4
	0.6s	65.00nm				
DLF	146.97	355	iPKPd	31	41.20	1.2
DCN	146.98	356	iPKPd	31	41.20	1.2
BCAO	147.04	245	iPKPc	31	43.30	1.9
	1.0s	40.00nm				
			ic	31	48.80	
SNF	147.56	342	iPKPc	31	44.20	3.2X
WLF	147.70	339	PKP	31	45.00	3.7X
DOU	147.83	341	PKP	31	44.50	3.0X
CDF	148.35	336	ePKP	31	45.30	2.8X
	0.9s	18.35nm				
BSF	149.01	336	ePKP	31	47.70	4.1X
	0.7s	3.65nm				
HAU	149.04	337	ePKP	31	47.00	3.4X
	0.8s	9.25nm				
LOR	150.54	339	ePKP	31	50.60	4.8X
	0.9s	10.00nm				
LBF	150.75	339	ePKP	31	53.00	6.8X
	1.0s	21.80nm				
SSF	150.84	339	ePKP	31	52.60	6.3X
	1.1s	14.90nm				
LPL	150.93	334	ePKP	31	52.10	5.3X
	0.6s	4.50nm				
LPG	150.94	334	ePKP	31	51.60	4.7X
	0.8s	7.10nm				
AVF	151.13	339	ePKP	31	52.70	6.0X
	0.9s	13.25nm				
LSF	152.19	341	ePKP	31	55.10	6.8X
	1.0s	22.80nm				
S.D. = 1.3 on 28 of 42 obs.						

? NOV 11, 1992 19h 25m 05.90± 3.77s
39.652 N ±14.9km 20.086 E ±31.3km
DEPTH = 10.0km (geophysicist)
GREECE-ALBANIA BORDER REGION (392)

IGT 0.22 122 iPg 25 10.14 -0.6
iSg 25 14.58
OHR 1.56 20 ePn 25 33.00 -0.7
AGG 1.85 109 ePb 25 38.98 1.0
LIT 1.90 76 ePb 25 38.18 -0.5
eSb 26 02.26
GRG 2.20 53 ePn 25 43.50 0.5
iSn 26 09.06
VAY 2.52 48 iPn 25 48.40 0.8
SKO 2.53 23 ePn 25 48.00 0.3
i 26 29.50
SOH 2.76 64 ePn 25 50.02 -1.0
PAIG 2.78 83 ePn 25 51.50 0.2
S.D. = 0.8 on 9 of 9 obs.

NOV 11, 1992 19h 45m 03.95± 0.94s
37.678 N ± 8.7km 21.303 E ± 4.9km
DEPTH = 10.0km (geophysicist)
4.3mb (10 obs.)
SOUTHERN GREECE (368)
ML 4.2 (THE), 4.1 (TIR), MD 4.1
(ATH). Felt at Potroi.

VLS 0.75 312 ePg 45 21.00 2.3
AGG 1.57 31 ePb 45 30.64 -1.2
eSb 45 48.36
VLI 1.62 126 ePb 45 42.00 9.4X
ATH 1.93 81 ePb 45 40.00 2.8
IGT 2.00 338 iPb 45 39.97 1.8
eSb 46 05.04
KEK 2.35 330 ePb 45 46.00 2.8
LIT 2.59 21 ePn 45 46.52 -0.1
eSn 46 15.84
KZN 2.65 8 ePn 45 48.50 1.0
TPE 2.80 339 ePg 45 50.50 0.9
iSn 46 24.50
PAIG 2.91 39 ePn 45 49.46 -1.7
eSn 46 24.36
VLO 3.12 334 ePn 45 56.20 2.1
THE 3.22 23 ePn 45 56.08 0.6
eSn 46 31.28
GRG 3.38 14 ePn 45 58.04 0.2
OHR 3.45 354 Pn 45 59.90 1.0
iPg 46 08.20
iSn 46 42.80
iSg 46 54.70
SOH 3.52 26 iPn 46 00.42 0.6
iSn 46 40.17
KNT 3.69 19 iPn 46 02.78 0.5
eSn 46 43.44
VAY 3.77 15 iPn 46 03.40 0.1
iSn 46 52.30
TIR 3.83 344 ePn 46 05.00 0.8
SRS 3.87 27 ePn 46 04.89 0.2
PHP 4.06 351 ePn 46 07.50 0.1
LACI 4.14 343 ePn 46 09.10 0.6
PRK 4.20 67 ePn 46 10.00 0.5
NPS 4.23 123 ePb 46 20.00 10.1X
SKO 4.29 1 iPn 46 10.10 -0.6
iPb 46 16.60
iPg 46 23.50
iSn 46 56.00
iSb 47 08.60
iSg 47 15.70
LR 47 50.50

MMB 4.33 25 iPd 46 11.00 -0.4
KKB 4.40 18 iP 46 12.00 -0.3
EZN 4.47 60 ePn 46 12.60 -0.7
ULC 4.56 340 iPnc 46 13.86 -0.7
iSn 47 03.15
BCI 4.78 349 ePn 46 17.40 -0.3
RZN 4.79 32 iPc 46 18.00 -0.1
ALN 4.89 47 ePn 46 19.20 0.0
BDV 4.98 338 iPnc 46 18.90 -1.6
iSn 47 11.93
TTG 5.00 342 iPnc 46 20.09 -0.6
iSn 47 14.53
PVY 5.02 349 iPnd 46 21.85 0.7
iSn 47 17.94
KDZ 5.08 37 iP 46 21.00 -0.9
VTS 5.12 16 eP 46 23.00 0.4
PLD 5.14 30 eP 46 24.00 1.3

IWA 5.30 349 iPnd 46 25.84 0.7
iSn 47 24.28
NKY 5.42 342 iPnc 46 25.78 -1.1
iSn 47 23.79
DIM 5.45 35 eP 46 28.00 0.9
BRY 5.63 339 iPnd 46 27.89 -1.9
iSn 47 27.53
EDC 5.76 60 ePn 46 30.00 -1.6
BNT 5.81 61 ePn 46 32.00 -0.2
PLE 5.83 346 iPnc 46 32.01 -0.6
iSn 47 35.98
DST 6.05 69 ePn 46 28.00 -7.6X
KCT 6.07 63 ePn 46 36.90 1.0
PVL 6.33 28 eP 46 37.00 -2.5
DMK 6.47 48 ePn 46 40.00 -1.6
ALT 7.06 76 ePn 46 50.00 0.1
EYL 7.46 65 eP 46 56.00 0.4
BUC1 7.56 27 eP 47 04.00 7.3X
BUC 7.64 27 ePd 47 10.00 12.1X
GZR 7.79 8 ePd 47 06.00 5.9X
ISR 8.43 26 eP 47 17.00 8.0X
MLR 8.54 23 ePd 47 12.50 1.8
VBY 9.03 332 iPn 47 15.30 -2.0
iSn 48 52.30

CFR 9.09 32 eP 47 18.00 -0.1
VRI 9.13 25 eP 47 19.00 0.4
PTJ 9.13 336 eP 47 07.10 -11.6X
CEY 9.55 330 ePn 47 23.00 -1.5
eSn 49 05.40
LJU 9.76 331 ePn 47 25.00 -2.3
eSn 49 07.50
BUD 9.94 351 e(P) 47 13.00 -16.8X
VOY 10.01 329 ePn 47 29.80 -1.0
eSn 49 15.60
PSZ 10.29 355 e(P) 47 37.10 2.4
SRO 10.36 349 i(P) 47 51.00 15.4X
WTTA 11.94 326 iPc 47 56.80 -0.4
1.1s 27.30nm 5.5mb X

i 48 11.70
iS 49 59.90
i 50 25.50
KHC 12.74 336 eP 48 03.00 -4.9X
e 48 17.00
e 48 28.00
PRU 13.23 341 eP 48 34.00 19.7X
LPG 13.39 310 eP 48 30.50 13.7X
0.8s 4.15nm
LPL 13.41 310 eP 48 31.80 14.8X
0.8s 5.25nm
BSF 14.69 318 eP 48 42.70 9.0X
1.0s 11.20nm 4.4mb
HAU 15.04 318 eP 48 45.70 7.7X
0.8s 8.85nm 4.3mb
Z 18s 0.28um 5.8mszX

LBF 15.80 312 eP 48 59.00 10.9X
0.9s 7.20nm
LOR 16.02 312 eP 49 01.30 10.5X
1.1s 17.10nm
Z 23s 0.17um
SSF 16.12 311 eP 49 02.10 10.0X
0.9s 11.30nm 4.0mb
GRS 19.64 77 eP 49 37.00 1.2
1.5s 30.00nm 4.4mb
OBN 20.29 26 eP 49 50.00 7.7X
e 49 57.00
e 50 14.00
MOS 21.16 26 eP 50 07.00 15.8X
e 50 22.00

UPP 22.32 355 iP 50 02.20 -0.7
NUR 22.95 4 eP 50 10.00 0.9
0.5s 5.00nm 4.3mb
HFS 22.99 350 eP 50 09.20 -0.3
0.5s 4.40nm 4.3mb
Z 16s 115.00um 6.4mszX
LR 57 46.00
NB2 24.23 348 P 50 20.80 -0.8
0.8s 3.10nm 4.0mb
KAF 24.66 6 eP 50 24.40 -1.3
0.6s 3.30nm 4.2mb
BCAO 33.18 185 iPd 51 48.50 5.6X
1.2s 7.00nm 4.5mb
GKN 53.19 81 P 54 24.20 -0.5
DMN 53.74 81 P 54 29.00 0.1
KKN 53.79 81 P 54 29.00 -0.2
PKI 54.00 81 P 54 30.40 -0.4
GUN 54.21 80 P 54 19.30 -13.1X
BOD 60.46 38 eP 55 14.80 -1.0

IMA 76.51 358 eP 56 59.00 3.5X
1.0s 3.25nm 4.4mb
S.D. = 1.2 on 67 of 91 obs.

? NOV 11, 1992 19h 53m 53.22± 0.97s
31.669 S ±11.2km 68.236 W ±11.8km
DEPTH = 28.0 ± 9.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.06 358 iPd 53 57.80 -0.4
S 54 02.00
RTCV 0.32 233 ePc 54 01.30 0.5
RTPR 2.01 48 e(P)c 54 26.00 0.1
MRA 2.27 110 e(P) 54 29.80 0.3
S 54 57.00
RFA 3.10 184 eP 54 41.00 -0.4
S 55 26.60
S.D. = 0.8 on 5 of 5 obs.

* NOV 11, 1992 20h 31m 56.73± 0.71s
6.237 S ±10.3km 145.687 E ±12.7km
DEPTH = 79.6 ± 10.3 km
4.4mb (4 obs.)
NEW GUINEA, PAPUA NEW GUINEA (202)

YYYY 0.28 91 eP 32 11.00 1.8
eS 32 24.40
MDG 0.98 5 eP 32 13.80 -2.0
LAT 1.37 108 iPd 32 18.80 -2.0
FINC 2.19 100 eP 32 33.00 1.3
WWKK 3.31 322 eP 32 48.00 0.7
PMG 3.47 155 eP 32 49.80 0.3
eS 33 30.00
WB2 17.52 218 iPc 35 57.80 0.4
0.5s 11.80nm 4.4mb
eS 41 00.90
WRA 17.53 218 P 36 09.90 12.5X
0.7s 1.70nm
RMO 20.35 172 iPd 36 30.00 0.9
0.4s 13.00nm 4.6mb
ASPA 20.71 212 eP 36 32.50 -0.3
0.5s 12.00nm 4.5mb
STK 25.80 188 eP 37 19.70 -2.4
0.7s 3.60nm 4.0mb
WARB 26.90 220 eP 37 31.70 -0.6
KIC 150.61 272 PKP 51 37.00 0.7
LIC 150.89 272 PKP 51 37.40 0.6
TIC 150.89 272 PKP 51 37.40 0.6
S.D. = 1.5 on 14 of 15 obs.

? NOV 11, 1992 20h 35m 40.20± 1.78s
38.057 N ±10.2km 27.088 E ±18.9km
DEPTH = 5.0km (geophysicist)
TURKEY (366)
MD 3.1 (ISK).

IZM 0.37 22 iPg 35 47.10 -0.5
iSg 35 53.10
YER 1.32 134 ePn 36 05.00 -0.1
EZN 1.86 342 ePn 36 13.00 0.0
DST 1.96 37 ePn 36 15.10 0.6
S.D. = 0.8 on 4 of 4 obs.

* NOV 11, 1992 20h 40m 15.24± 1.45s
34.404 N ±15.5km 14.436 E ± 9.8km
DEPTH = 10.0km (geophysicist)
4.2mb (6 obs.)
CENTRAL MEDITERRANEAN SEA (400)

LPD 1.87 307 iP 40 45.30 -2.3
MEU 2.72 8 eP 40 59.70 -0.2
eS 41 41.00
IGT 6.96 41 ePg 42 08.10 8.4X
AGG 7.84 52 iPg 42 13.06 1.0
KZN 8.29 43 ePn 42 20.00 1.5
OHR 8.38 35 ePn 42 12.50 -7.1X
LIT 8.57 46 ePb 42 20.62 -1.7
VAY 9.43 41 ePn 42 29.00 -5.1X
i 44 10.00
KNT 9.50 42 ePn 42 35.34 0.2
SOH 9.54 45 ePn 42 33.10 -2.6
SRS 9.87 45 ePn 42 38.86 -1.3
GEC2 14.44 358 ePn 43 42.50 0.9
0.8s 0.90nm 3.5mb
e 43 49.20
BSF 14.59 339 eP 43 45.90 2.3
0.9s 6.40nm 4.2mb

11d 20h

KHC 14.73 358 eP 43 46.50 1.1
 HAU 14.88 338 eP 43 46.50 -0.8
 0.7s 8.50nm 4.3mb
 CDF 14.98 341 eP 43 41.80 -6.9X
 1.2s 9.80nm 4.1mb
 CLL 16.93 357 e(P) 44 17.00 3.4X
 1.8s 38.00nm 4.2mb
 EKA 24.23 335 P 45 33.00 0.2
 1.5s 32.20nm 4.7mb
 GKN 59.31 75 P 50 20.00 0.1
 DMN 59.86 76 P 50 24.40 0.6
 KKN 59.92 75 P 50 25.40 1.3
 GUN 60.35 75 P 50 26.80 -0.4
 S.D. = 1.5 on 17 of 22 obs.

NOV 11, 1992 21h 23m 47.02± 0.93s
 38.805 N ± 7.7km 20.584 E ± 8.2km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.4 (ATH).

VLS 0.63 180 ePg 23 59.70 0.1
 IGT 0.75 345 ePg 23 59.17 -2.6
 eSg 24 11.00
 KEK 1.09 326 ePb 24 07.50 0.0
 AGG 1.38 80 ePb 24 11.34 -1.0
 eSb 24 30.50
 TPE 1.55 344 ePn 24 14.50 -0.2
 KZN 1.76 31 ePb 24 19.00 1.2
 VLO 1.86 334 ePn 24 20.70 1.5
 LIT 1.96 48 ePn 24 21.53 0.8
 eSn 24 48.80
 OHR 2.31 4 iPn 24 26.20 0.5
 i 24 29.50
 i 24 33.10
 i 24 53.50
 GRG 2.56 32 ePn 24 31.21 1.9
 ATH 2.60 108 ePb 24 37.60 7.8X
 TIR 2.60 348 ePn 24 32.70 2.9X
 PAIG 2.65 64 ePn 24 30.36 -0.1
 VLI 2.80 137 ePg 24 41.00 8.4X
 PHP 2.88 358 iPn 24 37.10 3.3X
 SOH 2.93 46 ePn 24 34.28 -0.3
 KNT 2.95 36 ePn 24 34.36 -0.4
 SKO 3.23 11 ePn 24 42.00 3.3X
 iPb 24 46.50
 iSn 25 15.00
 iSg 25 22.50
 SRS 3.27 44 ePn 24 37.88 -1.4
 eSn 25 18.10
 S.D. = 1.3 on 14 of 19 obs.

% NOV 11, 1992 21h 25m 43.94± 1.64s
 38.078 N ± 10.0km 26.914 E ± 15.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.0 (ISK).

Izm 0.42 41 iPg 25 52.00 -0.5
 iSg 25 58.00
 YER 1.44 130 ePn 26 10.00 -0.1
 EZN 1.80 345 ePn 26 15.00 -0.3
 DST 2.03 41 ePn 26 19.00 0.4
 KCT 2.44 27 ePn 26 25.00 0.5
 S.D. = 0.6 on 5 of 5 obs.

NOV 11, 1992 21h 26m 14.09± 0.11s
 51.203 N ± 2.7km 179.238 W ± 1.5km
 DEPTH = 33.0km (normal)
 5.8mb (159 obs.) 5.9MsZ (66 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 5.9 (PMR). Ms 5.6 (BRK). Felt
 (IV) on Adak and Amchitka.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 40S, 92C
 Centroid Location:
 Origin Time 21:26:15.4 0.2
 Lat 50.97N 0.02 Lon 178.94W 0.03
 Dep 16.0 BDY Half-duration 3.0
 Moment Tensor; Scale 10**18 Nm
 Mrr=0.97 0.02 Mtt=-0.94 0.02
 Mff=-0.03 0.02 Mrt=1.41 0.06
 Mrf=1.04 0.05 Mtf=-0.35 0.02
 Principal Axes:
 T Vol= 2.03 Ptg=59 Azm=314
 N 0.01 8 58

P -2.04 30 153
 Best Double Couple: Mo=2.0*10**18
 NP1: Strike=267 Dip=17 Slip=120
 NP2: 56 75 81

ADK 1.73 66 eP 26 43.12 0.8
 SMY 4.39 293 eP 27 21.80 1.7
 SDN 11.95 62 eP 29 02.34 -2.6X
 0.6s 47.65nm 5.8mb X
 PET 13.70 286 eP 29 30.00 1.9
 0.9s 2600.00nm 7.1mb X
 Z 22s 86.00um
 N 20s 20.60um
 E 20s 36.00um
 eS 32 04.00
 ANM 15.24 23 eP 29 52.49 4.4X
 SKR 15.54 278 eP 29 53.90 1.7
 1.0s 520.00nm 5.7mb
 Z 18s 20.60um 4.1MsZ
 N 14s 13.60um
 E 16s 26.20um

MCNL 16.23 51 eP 30 00.98 0.1
 SVW 16.38 44 ePn 30 04.07 1.3
 0.8s 1482.43nm 6.2mb
 CDD 16.49 52 eP 30 02.53 -1.7
 PDB 16.50 49 eP 30 06.35 2.0
 AUW 16.71 51 eP 30 07.29 0.3
 AUI 16.72 51 eP 30 08.55 1.5
 KDC 16.79 57 eP 30 04.72 -3.3X
 0.5s 77.82nm 5.1mb
 OPT 16.91 50 eP 30 10.40 0.8
 SYI 17.04 54 eP 30 09.15 -1.9
 TTA 17.12 38 eP 30 12.45 0.3
 1.0s 148.49nm 5.1mb
 INE 17.13 49 eP 30 13.61 1.2
 NCT 17.36 47 eP 30 17.67 2.4
 RDW 17.39 48 eP 30 17.75 2.1
 REF 17.44 48 eP 30 18.22 1.9
 CNPM 17.85 51 eP 30 20.39 -0.8
 CKL 17.87 46 eP 30 23.23 1.7
 CRP 17.97 45 eP 30 23.69 0.8
 SPU 17.99 46 ePc 30 23.72 0.8
 SKT 18.52 44 eP 30 30.33 0.9
 SLKM 18.61 49 eP 30 29.04 -1.5
 SUA 18.68 46 eP 30 30.64 -0.8
 SEW 18.87 50 eP 30 32.65 -1.0
 MGD 18.95 310 eP+ 30 34.00 -0.7
 1.2s 210.00nm 5.2mb
 Z 16s 32.00um 5.1MsZ
 E 18s 24.00um

MPA 19.02 49 eP 30 33.73 -1.7
 PWA 19.13 46 eP 30 35.89 -0.9
 PMS 19.14 47 eP 30 34.86 -2.1
 PTE 19.28 48 eP 30 37.71 -0.8
 PMR 19.45 46 eP 30 38.80 -1.6
 0.9s 136.40nm 5.2mb
 Z 19s 43.10um 4.6MsZ X

GHO 19.60 46 eP 30 40.67 -1.6
 KNK 19.70 47 eP 30 40.75 -2.5
 IMA 19.74 31 ePc 30 43.52 -0.3
 1.0s 322.62nm 5.6mb
 MLY 20.20 36 eP 30 48.74 0.3
 RND 20.22 41 eP 30 46.48 -2.2
 SCM 20.34 46 eP 30 48.21 -1.8
 FID 20.46 49 eP 30 48.37 -2.7
 VLZ 20.62 48 eP 30 50.32 -2.4
 NEA 20.62 38 eP 30 51.78 -0.9
 KLU 20.90 48 eP 30 53.79 -1.9
 TOA 20.94 46 ePc 30 55.40 -0.8
 MDM 21.11 38 eP 30 57.59 -0.2
 CCB 21.14 39 eP 30 56.55 -1.5
 FBA 21.25 38 eP 30 57.37 -1.8
 SDG 21.34 45 eP 30 58.73 -1.4
 HDA 21.38 40 eP 30 59.81 -0.7
 GLM 21.45 38 eP 30 59.15 -2.1
 GLB 21.87 48 eP 31 03.53 -2.0
 PRP 22.38 37 eP 31 10.68 0.1
 BALM 22.50 50 eP 31 10.60 -1.2
 KUR 22.59 268 eP 31 14.00 1.4
 N 15s 13.80um
 E 15s 11.00um

BRW 22.60 19 ePc 31 13.90 1.4
 FYU 22.93 35 eP 31 16.51 0.8
 YSS 25.06 275 ePc- 31 37.00 0.4
 0.9s 200.00nm 5.7mb

Z 17s 14.20um 5.5MsZ X
 N 17s 7.00um
 E 16s 9.50um

e 31 43.50
 ePPP 32 18.00
 e 35 12.00
 eS 35 58.00
 eSSS 37 16.00
 KUSJ 25.61 266 eP 31 39.40 -2.4
 SIT 26.02 60 (P) 31 43.70 -1.7
 0.8s 26.62nm 4.9mb
 Z 21s 12.14um 5.4MsZ
 ASAJ 26.40 269 eP 31 50.40 1.3
 HOOJ 26.88 266 eP 31 53.30 -0.1
 MRRJ 28.25 268 eP 32 03.70 -2.1
 YAK 29.31 311 iPc 32 13.30 -2.0
 2.0s 310.00nm 5.7mb
 Z 16s 19.40um 5.8MsZ X
 N 16s 10.10um
 E 17s 13.80um

iSS 37 08.00
 i 42 51.00
 OFUJ 29.76 261 eP 32 20.10 0.6
 TIK 30.65 331 iPc+ 32 25.50 -1.5
 2.7s 167.00nm 5.4mb
 Z 17s 49.00um 6.2MsZ X
 iPPP 33 32.00
 i 35 23.00
 e 39 03.00
 eSS 39 30.00
 e 42 58.00
 YAMJ 31.33 261 P 32 33.70 0.3
 KAKJ 32.48 258 P 32 42.80 -0.6
 NIIJ 32.55 261 P 32 43.90 -0.1
 CHJJ 33.31 259 P 32 50.90 0.2
 MAT 33.48 261 eP 32 50.00 -2.2
 1.2s 175.00nm 5.8mb
 Z 20s 16.31um 5.7MsZ

eS 38 16.00
 MTMJ 33.71 261 P 32 53.70 -0.5
 MBC 33.87 22 eP 32 55.50 0.4
 1.0s 65.00nm 5.5mb
 HON 34.13 143 P 33 10.00 12.1X
 Z 20s 27.13um 6.0MsZ
 MDJ 34.33 279 eP 32 58.30 -1.1
 1.0s 74.00nm 5.6mb
 Z 21s 23.80um 5.9MsZ
 N 20s 4.19um
 E 20s 16.70um

PP 34 20.00
 eS 38 26.00
 IIDJ 34.35 260 P 33 00.30 0.6
 PGC 35.28 72 eP 33 08.50 1.1
 1.0s 3.00nm 4.2mb X
 HKL 35.36 141 eP 33 09.04 0.2
 TSRJ 35.51 261 P 33 08.20 -1.4
 YKA 35.55 46 eP 33 09.10 -0.5
 0.4s 33.00nm 5.6mb

GMW 36.17 73 eP 33 16.33 1.3
 BMW 36.40 75 eP 33 17.64 0.6
 WKYJ 36.61 260 P 33 18.60 -0.4
 RMW 36.80 73 eP 33 21.39 1.0
 LON 37.13 74 eP 33 24.03 0.9
 SHW 37.14 75 eP 33 24.84 1.5
 YONJ 37.31 263 P 33 25.90 1.2
 CN2 37.31 281 Pc 33 24.30 -0.3

1.2s 10.00nm 4.6mb X
 Z 20s 21.10um 5.9MsZ
 N 16s 7.97um
 E 16s 3.75um

eP 33 33.00 29kmX
 ePP 34 52.00
 eS 39 07.00
 eSS 41 40.00
 TKSJ 37.73 261 eP 33 27.40 -0.8
 BOD 37.76 307 iPc 33 28.90 0.7
 1.3s 496.00nm 6.2mb
 SHK 38.22 263 eP 33 32.50 0.1
 VGB 38.36 75 ePc 33 34.34 0.8
 DPW 38.75 70 ePc 33 37.23 0.4
 ARC 38.81 83 ePc 33 45.30 8.1X
 1.3s 160.00nm 5.6mb

Z 18s 6.00um 5.5MsZ
 N 19s 5.00um
 E 18s 7.00um
 iS 39 38.00
 eLQ 42 32.00

FHC	38.91	83 eP	33 39.54	1.4		LTMT	44.10	71 iPc	34 21.20	0.2		1.2s	87.00nm	5.7mb			
	1.5s	479.70nm		6.0mb		BONR	44.14	83 ePc	34 22.01	0.7		N 17s	5.83um				
KMPM	39.04	84 ePc	33 40.68	1.4		PKEM	44.18	86 (P)	34 22.60	1.2			S	41 59.00			
NEW	39.21	69 iPd	33 41.00	0.5		MEMT	44.19	69 ePc	34 21.70	0.2		BTO	48.56	286 iPd	34 56.50	0.5	
	Z 20s	9.00um		5.6Msz		MRCM	44.18	83 ePc	34 22.54	0.9			1.4s	310.00nm	6.1mb		
SHNJ	39.47	264 P	33 42.30	-0.5		NRI	44.22	330 iPc	34 19.80	-1.4		N 17s	11.30um				
SNY	39.53	279 iPc	33 44.00	0.8			1.2s	61.00nm		5.3mb		E 17s	10.40um				
	1.2s	390.00nm		6.0mb		Z 20s	31.00um		6.2Msz				sP	35 13.00			
	Z 21s	19.50um		5.9Msz		N 17s	7.50um						S	41 50.00			
	N 20s	11.10um					e	34 36.00				TIY	48.87	282 eP	34 58.50	0.1	
	E 18s	6.41um					eS	36 08.00				Z 20s	130.00nm		5.8mb		
		sP	33 58.00				iSS	41 12.00				N 21s	14.90um		6.0Msz		
		PP	35 17.00			TPMT	44.25	71 ePc	34 22.20	0.0			12.00um				
		S	39 44.00			MTUM	44.35	84 ePc	34 23.57	0.7			PP	36 57.00			
LGPM	39.57	82 ePc	33 45.17	1.5		TNP	44.74	82 ePc	34 26.22	0.1		RSSD	49.08	67 ePc	34 59.69	-0.4	
LBFM	39.90	81 ePc	33 47.95	1.3			1.0s	95.43nm		5.6mb			0.6s	44.21nm		5.7mb	
WDC	39.94	83 ePc	33 47.65	1.1		BCH	44.76	87 ePc	34 26.85	0.7		Z 21s	7.27um		5.6Msz		
	0.9s	42.51nm		5.2mb		PTI	44.88	73 eP	34 28.10	1.0		GLA	49.45	86 ePd	35 02.29	-0.6	
	Z 18s	7.94um		5.6Msz		BJI	45.14	282 eP	34 29.00	0.0		KBS	49.97	357 iPc	35 06.30	0.1	
CIT	40.37	298 iPc	33 50.50	0.4			1.0s	110.00nm		5.7mb		ULM	50.01	56 ePd	35 08.70	1.8	
	Z 19s	23.37um		6.1Msz		Z 22s	12.90um		5.8Msz		UER	50.95	307 iPc	35 13.00	-0.9		
	N 17s	11.33um				N 20s	14.40um						2.0s	250.00nm		5.8mb	
	E 21s	29.73um					ePP	36 12.00					e	36 27.00			
		ePPP	35 32.00				eS	41 00.00					e	38 10.00			
KUMJ	40.70	262 P	33 52.80	-0.1		HVU	45.26	75 ePc	34 30.51	0.4			iS	42 28.00			
NTYM	41.15	85 eP	33 56.50	0.0		IRK	45.27	303 iP+	34 29.00	-0.9		GOL	50.99	73 eP	35 15.40	0.6	
ORV	41.18	83 ePc	33 56.92	0.1			1.4s	238.00nm		5.9mb			1.1s	262.07nm		6.1mb	
KAGJ	41.58	261 P	34 01.30	1.1		Z 20s	19.74um		6.0Msz			Z 20s	14.63um		6.0Msz		
SES	41.69	63 ePc	34 00.30	-0.6		N 19s	12.15um					GLD	51.05	72 eP	35 17.00	1.8	
	0.6s	77.00nm		5.6mb		E 20s	16.92um					Z 20s	12.00um		5.9Msz		
BKS	41.72	86 iPc	34 02.14	0.8			e	36 17.00				DAG	51.70	6 iPd	35 18.00	-1.3	
	0.9s	80.00nm		5.5mb			eS	41 04.00					0.7s	24.66nm		5.3mb	
	Z 17s	11.00um		5.8MszX			eSS	44 28.00				Z 23s	19.70um		6.1MszX		
	N 19s	3.80um				ISA	45.46	85 iPc	34 31.29	-0.4		N 23s	10.61um				
	E 17s	12.00um					1.4s	109.40nm		5.6mb		E 23s	8.03um				
		ePP	35 57.00			Z 18s	9.81um		5.8Msz		WHN	52.39	274 Pc	35 24.00	-1.2		
		iS	40 19.00			ABL	45.51	87 ePc	34 32.36	0.1			1.0s	270.00nm		6.2mb	
		e	41 43.00			DUG	46.18	77 ePc	34 37.71	0.3		Z 24s	8.10um		5.7MszX		
		eLQ	43 39.00				0.6s	48.18nm		5.6mb		N 16s	1.94um				
		eLP	45 26.00			FCC	46.28	46 ePd	34 40.10	2.4		E 18s	5.42um				
HMR	41.83	85 (P)	33 59.54	-2.6		BW06	46.62	72 iPc	34 41.00	0.0			eS	42 46.00			
MHC	42.42	86 ePc	34 07.82	0.6		GSC	46.74	85 ePd	34 42.04	0.2		TUC	52.47	83 eP	35 25.18	-0.7	
	1.1s	80.00nm		5.3mb		ZAK	46.81	301 iPc+	34 43.00	1.0			1.4s	134.95nm		5.7mb	
	Z 17s	11.00um		5.8MszX			1.2s	480.00nm		6.4mb		Z 18s	6.52um		5.7Msz		
	N 19s	6.00um				Z 20s	17.76um		6.0Msz			ALQ	53.40	78 ePc	35 32.30	-0.6	
	E 17s	13.00um				N 19s	8.24um						1.6s	108.93nm		5.6mb	
		iS	40 27.00			E 20s	35.64um					Z 21s	11.52um		5.9Msz		
		eLQ	43 56.00				e	36 34.00				XAN	53.42	281 Pc	35 31.60	-1.2	
		eLR	45 50.00				eS	41 19.00					1.2s	79.00nm		5.6mb	
DL2	42.44	277 Pc	34 07.00	-0.1		SSK	46.89	86 eP	34 43.44	0.3		Z 22s	12.50um		5.9Msz		
	1.0s	180.00nm		5.8mb		TIA	46.91	277 Pc	34 42.80	-0.2		N 15s	4.10um				
	Z 16s	4.55um		5.5MszX			1.8s	510.00nm		6.2mb		E 17s	6.89um				
	N 16s	5.79um					Z 21s	10.30um		5.8Msz			sP	35 47.20			
	E 15s	3.72um					N 21s	7.54um					PP	37 31.00			
		S	40 24.00				E 21s	10.10um					PcS	40 37.00			
COE	42.46	86 eP	34 07.91	0.6			PP	36 34.00					S	43 05.00			
ARN	42.49	86 eP	34 07.82	0.2		DAU	47.00	75 (P)	34 45.55	1.5		GDH	53.46	21 eP	35 40.00	7.5X	
CMB	42.79	84 ePc	34 10.99	0.9		ARUT	47.26	80 ePc	34 46.11	0.1				e	38 50.00		
	1.5s	140.00nm		5.5mb		MOY	47.33	304 iPc	34 46.70	0.6				e	43 23.00		
	Z 18s	8.00um		5.7Msz			1.3s	380.00nm		6.2mb				e	47 10.00		
	N 17s	3.60um				GUMO	47.39	231 e(P)	34 42.00	-4.9X		QZH	53.66	265 iPc	35 34.00	-0.5	
	E 17s	6.00um					Z 22s	4.54um		5.4Msz			1.6s	350.00nm		6.1mb	
		e	39 44.00			PEC	47.43	86 eP	34 46.55	-0.7		Z 23s	6.33um		5.6MszX		
		iS	40 32.00				1.2s	25.76nm		5.1mb		E 16s	1.44um				
		eLQ	43 59.00			HHC	47.47	286 iPc	34 48.50	0.9			SS	46 48.00			
		eLR	46 10.00				1.5s	360.00nm		6.2mb		ELT	53.72	312 iPc	35 33.00	-1.7	
SAO	42.90	86 ePc	34 11.34	0.3			Z 22s	20.30um		6.0Msz			1.0s	208.00nm		6.1mb	
	1.2s	100.00nm		5.4mb			N 17s	7.69um					iS	43 08.00			
	Z 18s	8.00um		5.7Msz			E 18s	14.70um					i	45 22.00			
	N 19s	6.00um					PP	36 43.00				LZH	55.17	286 iPc	35 45.50	-0.3	
	E 18s	6.00um					S	41 40.00					1.5s	380.00nm		6.2mb	
		iS	40 35.00			MSU	47.60	78 ePc	34 48.90	0.2		Z 22s	14.30um		6.0Msz		
		iLQ	44 00.00			EMUT	47.63	76 eP	34 49.20	0.2		E 16s	11.60um				
		eLR	46 10.00			SSE	47.72	269 iPc	34 47.00	-2.4			pP	35 59.00	49kmX		
BUT	43.03	70 iPc	34 12.20	0.1			1.0s	110.00nm		5.8mb			PcP	36 42.00			
HRY	43.09	68 ePc	34 12.70	0.2			Z 20s	8.70um		5.7Msz			PP	37 48.00			
HBMT	43.12	70 ePc	34 12.70	-0.2			N 16s	3.30um					S	43 29.00			
LRM	43.19	70 ePc	34 13.40	-0.1			E 18s	3.30um					ScS	45 30.00			
MCMT	43.50	71 ePc	34 16.10	0.1			PP	36 38.00				GTA	55.38	292 iPc	35 46.40	-0.8	
LCCM	43.52	70 ePc	34 15.70	-0.4			S	41 36.00					1.4s	310.00nm		6.1mb	
KVN	43.60	81 eP	34 17.49	0.7		PLM	47.97	87 ePc	34 51.18	-0.5		Z 15s	23.00um		6.4MszX		
SXM	43.75	69 ePc	34 18.20	0.2		SRU	48.24	76 (P)	34 53.61	-0.1		E 16s	9.43um				
BGMT	43.75	70 ePc	34 17.90	-0.2		NJ2	48.54	272 Pc	34 55.00	-0.8			pP	35 55.00	28kmX		
MMPM	43.90	84 eP	34 20.12	0.7									sP	35 58.00			
MEMM	43.92	84 eP	34 20.78	1.6													

	N	20s	9.43um			
	E	18s	9.22um			
			pP	37	20.70	41kmX
			iS	46	03.00	
LVNJ	67.25	53	ePc	37	05.51	-1.6
MRX	67.46	86	(P)	37	09.50	0.8
PNJ	67.48	52	iP	37	08.20	-0.3
GMTN	67.49	52	iP	37	07.90	-0.7
HRV	67.54	50	eP	37	07.03	-1.9
	1.4s	185.64nm				6.0mb
Z	20s	8.08um				5.9Msz
EMM	67.72	46	eP	37	08.92	-1.0
NB2	67.80	355 P		37	09.00	-1.3
	0.7s	31.90nm				5.5mb
LMN	68.03	43	ePd	37	13.90	1.9
PRM	68.22	63	ePc	37	12.73	-0.5
KSH	68.43	306 P		37	15.00	0.3
	1.1s	440.00nm				6.5mb
Z	20s	16.50um				6.3Msz
N	16s	7.90um				
E	15s	11.10um				
			sP	37	32.00	
			PcP	37	40.00	
			ePP	39	48.00	
			S	46	15.00	
			ScS	47	05.00	
UPP	68.46	351 iPc		37	13.40	-0.9
	1.1s	6800.00nm				7.6mb X
			iPP	37	31.30	
			iS	46	10.00	
HFS	68.53	353 eP		37	13.60	-1.2
	0.7s	77.90nm				5.9mb
Z	18s	2931.00um				8.6Msz X
			LR	01	22.00	
CEH	68.67	59 eP		37	15.59	-0.5
	1.0s	277.54nm				6.3mb
Z	20s	6.16um				5.8Msz
JSC	68.69	62 ePc		37	15.65	-0.5
LHS	68.79	61 ePc		37	16.02	-0.7
MOS	69.12	339 iPc		37	18.00	-0.5
	1.6s	550.00nm				6.4mb
Z	18s	20.00um				6.4Msz
N	18s	20.30um				
E	18s	6.40um				
			e	37	31.00	
			e	39	53.00	
			e	47	15.00	
KONO	69.27	355 iPc		37	19.50	0.2
KKM	69.50	253 ePd		37	23.00	1.5
III	69.53	86 (P)		37	20.50	-1.3
PPM	69.55	85 (P)		37	22.00	-0.3
LOE	69.79	273 eP		37	22.00	-1.2
SHL	69.83	286 iP		37	22.50	-1.0
	1.0s	205.00nm				6.1mb
			eS	46	30.00	
TSM	69.90	251 eP		37	24.00	0.2
SGS	69.91	62 ePc		37	23.91	0.3
TLE	69.94	232 ePd		37	25.50	1.5
OBN	69.94	339 iPc+		37	22.50	-1.0
	1.1s	429.00nm				6.4mb
			e	37	50.00	
			e	40	00.00	
			iPPP	41	42.00	
			iS	46	30.00	
HBF	70.18	62 eP		37	25.77	0.5
IISM	70.39	84 (P)		37	27.00	0.3
CHG	70.49	276 eP		37	26.50	-0.9
	1.2s	76.17nm				5.6mb
PMO	71.38	148 eP		37	32.00	-0.6
	1.2s	50.00nm				5.4mb
TPT	71.46	148 eP		37	33.00	-0.1
	1.2s	55.00nm				5.5mb
BDT	71.63	275 eP		37	33.00	-1.2
GUN	71.67	292 P		37	34.94	0.1
VAH	71.69	148 eP		37	34.00	-0.4
	1.2s	60.00nm				

[illegible]

11d 21h

OSS	82.16	353 P	38 33.43	0.7		AUTN	85.01	355 P	38 47.53	0.2		PPCY	89.89	334 eP	39 23.80		
BUC	82.26	342 iPd	38 34.00	0.9		BRY	85.01	347 iPc	38 46.98	-0.3		KOD	90.30	287 eP	39 10.50	-0.3	
BUC1	82.34	342 iPc	38 34.00	0.5		SAOF	85.01	355 P	38 47.16	0.0		HRI	90.43	331 eP	39 14.00	0.6	
AVF	82.36	358 iPc	38 33.80	0.3		HVAR	85.02	349 iP	38 47.50	0.4		EVIA	90.49	3 eP	39 13.90	-0.1	
	1.2s	120.80nm				GBZT	85.02	339 iPc	38 47.00	-0.2		WARB	90.56	227 eP	39 14.00	0.2	
PTJ	82.39	349 iPd	38 34.00	0.1		KDZ	85.06	342 eP	38 48.00	0.6		CAN	90.57	205 iPc	39 14.40	0.1	
VDL	82.40	354 P	38 35.16	1.1		IMI	85.07	355 P	38 47.48	0.0						0.7	
LJU	82.41	350 eP	38 33.50	-0.3		EYL	85.07	338 eP	38 46.00	-1.6		EBAN	90.92	4 eP	39 18.30		
		ePcP	38 41.00			AURF	85.12	355 P	38 48.14	0.4				epP	39 33.90	70kmX	
		iP	38 46.40	43kmX		MVIF	85.12	355 P	38 48.40	0.6		EHOR	91.19	5 iPc	39 15.70	0.1	
		e	39 25.50			SBF	85.14	355 P	38 48.40	0.6		MML	91.30	331 eP	39 16.60	-0.2	
		e	40 26.50			RZN	85.16	342 iP	38 48.00	-0.1		EHUE	91.31	3 eP	39 17.20	-0.3	
		eSKS	49 00.00			ASPA	85.17	222 iPc	38 47.50	-0.5		ELUO	91.50	4 eP	39 18.00	0.5	
ZAG	82.47	349 iP	38 35.10	1.0			1.1s	44.40nm		5.6mb		ECOG	91.81	3 eP	39 18.80	0.5	
VOY	82.49	351 eP	38 33.80	-0.6		Z	21s	7.20um		6.0msz		EGUA	91.81	3 iPd	39 19.50	-0.3	
SMF	82.50	358 iPc	38 34.50	0.2		ARMA	85.23	205 iPd	38 50.00	1.7		MAL	92.25	4 iPd	39 21.20	-0.5	
	0.7s	76.05nm					0.8s	40.00nm		5.7mb			92.33	4 iPd	39 22.00	0.0	
PSN	82.54	340 eP	38 36.00	1.5				i	39 02.50					iS	50 20.00		
TAB	82.55	325 eP	38 36.00	1.1		REVF	85.26	355 P	38 49.37	0.9		CPB	92.41	58 eP	39 23.13	0.5	
MFF	82.57	1 iPc	38 35.10	0.5		CALN	85.28	356 P	38 49.11	0.5		EJIF	92.55	5 iPd	39 23.30	-0.8	
	0.8s	76.55nm				KKB	85.29	343 iP	38 49.00	0.5		CNIL	92.60	6 eP	39 25.00	1.7	
BGF	82.60	359 iPc	38 35.10	0.3		MMB	85.44	343 iP	38 50.00	0.7		PLAT	92.86	5 iP	39 26.00	1.4	
	0.8s	48.50nm				SKO	85.47	345 iP	38 49.50	0.1		BPA	92.89	58 eP	39 25.38	0.5	
CEY	82.72	350 eP	38 35.20	-0.3				7.21um		6.1mszX		OJEN	92.89	5 iP	39 27.00	2.2	
TRI	82.82	351 eP	38 35.20	-0.7		Z	16s	iPcP	38 52.20			MCH	92.96	59 eP	39 26.55	1.3	
		ePP	41 52.00					i	39 15.00			NANU	93.03	237 eP	39 23.00	-2.2	
		ePPP	43 40.00					i	47 44.00			RMN	93.35	331 eP	39 26.40	-0.6	
		eSP	49 56.00					iS	49 15.00			TOV	94.31	69 ePc	39 33.80	2.3	
		eSS	54 40.00					iPS	50 29.00			SDV	94.53	70 eP	39 33.20	0.5	
		eSSS	58 00.00					iSS	55 04.00			MEEK	94.79	233 eP	39 31.50	-1.8	
		e	10 40.00					LR	22 50.00			HLW	94.90	334 eP	39 32.00	-2.0	
TMA	82.82	354 P	38 36.65	0.5		EMON	85.48	6 iPc	38 50.20	0.7				e	50 08.00		
VBY	82.86	350 iPc	38 36.20	0.0		FRF	85.48	356 iPc	38 49.70	0.3		CAR	95.40	66 iPd	39 38.00	1.4	
TCF	82.88	359 iPc	38 36.60	0.3			1.0s	108.00nm		6.0mb		AVE	95.56	7 eP	39 19.00	-18.0X	
	0.7s	31.55nm				KER	85.57	323 eP	38 50.00	-0.2				i	39 37.00		
LSF	82.93	359 iPc	38 36.80	0.3		LRG	85.60	356 iPc	38 50.70	0.7		BOG	95.85	75 eP	39 38.00	-1.0	
	0.5s	43.90nm					1.0s	74.40nm		5.9mb				eS	50 12.00		
DIX	82.93	355 P	38 37.97	1.1		Z	22s	4.93um		5.9msz		ZOBO	115.74	84 ePKP	44 59.00	3.5X	
MMK	82.93	355 P	38 37.83	1.0		ALN	85.66	341 iP	38 50.96	0.6				SKS	51 34.00		
MAF	82.94	359 iPc	38 37.10	0.5		LMR	85.71	356 iPc	38 51.10	0.5				LR	22 34.00		
	0.8s	46.60nm					1.1s	112.35nm		6.0mb		LPB	115.94	84 (PKP)	44 58.00	2.4X	
KVT	83.07	334 iP	38 38.00	0.6		BNT	85.78	340 iP	38 51.90	0.9				3.85um		6.0msz	
RIY	83.12	350 ePc	38 37.10	-0.4		KCT	85.79	339 eP	38 50.80	-0.3				SKS	55 25.00		
ORX	83.34	355 P	38 38.56	-0.3		EDC	85.80	340 eP	38 51.00	-0.1				LR	19 44.00		
KAS	83.41	336 iPc	38 40.30	1.1		POO	85.87	294 iPc	38 53.80	2.0		CNCB	116.22	84 PKP	44 56.80	0.5	
LPL	83.52	356 iPc	38 41.00	1.1			1.0s	156.00nm		6.2mb				SKS	55 32.90		
	0.6s	21.00nm				VAY	85.91	344 iP	38 52.40	0.8		TIC	122.17	7 PKP	45 06.90	-0.1	
LPG	83.54	356 iPc	38 41.30	1.2			0.8s	79.00nm		6.0mb		KIC	122.47	6 PKP	45 07.10	-0.5	
	0.8s	40.70nm				SRS	85.92	343 eP	38 51.44	-0.3		BCAO	122.52	339 iPKPc	45 07.30	-0.4	
LSD	83.56	355 P	38 41.26	1.1		STS	85.94	7 iPd	38 52.00	0.2				ic	46 33.00		
PVL	83.57	342 eP	38 41.00	1.2		KNT	86.01	343 iP	38 52.29	0.2		LIC	122.59	7 PKP	45 07.60	-0.2	
SSB	83.84	357 P	38 41.75	0.5		LESF	86.15	360 P	38 53.98	1.2		RTCV	126.69	97 ePKPd	45 15.50	0.1	
RSP	83.86	355 P	38 41.90	0.4		EPF	86.15	0 iPc	38 52.70	-0.1		RTPR	126.90	94 ePKPd	45 15.80	0.1	
OLP	83.87	212 iPd	38 41.90	0.5			0.8s	37.05nm		5.7mb		TCA	128.81	94 iPKPd	45 19.40	-0.1	
	0.5s	36.00nm				LSPF	86.23	359 P	38 54.43	1.3		PDCR	129.72	54 ePKP	45 19.50	-2.0X	
RJF	83.87	359 iPc	38 41.50	0.1		MTHF	86.23	359 P	38 54.62	1.4		BMA	135.20	68 (PKP)	45 32.00	0.2	
	1.3s	150.20nm				SOH	86.25	343 eP	38 53.32	-0.1		LPA	135.36	92 ePKP+	45 33.00	1.4	
Z	22s	3.88um				GRG	86.29	344 eP	38 53.28	-0.3				2.84um		6.0msz	
HYB	84.02	290 iPc	38 42.20	-0.3		GRBF	86.33	359 P	38 54.71	0.9		KRI	138.71	316 iPKPc	45 33.00	-5.6X	
	1.0s	220.00nm				PGF	86.35	354 P	38 54.25	0.3		SPA	141.01	180 iPKPd	45 34.20	-7.1X	
		e	39 31.00			OHR	86.42	345 iP	38 53.80	-0.4			0.7s	39.84nm			
		eSKS	49 02.00			ECRI	86.53	2 eP	38 55.30	0.6		CIR	141.43	310 iPKPd	45 43.90	0.6	
JMB	84.04	341 iP	38 43.00	0.8		ERUA	86.53	6 iPd	38 55.30	0.6				iP	45 53.00		
RRL	84.12	356 P	38 44.28	1.4		PAND	86.65	359 P	38 56.19	0.7		AIA	144.77	139 ePKP	45 46.50	-1.1	
BHB	84.17	355 P	38 42.50	-0.4		EGRA	86.98	1 eP	38 57.00	0.2		MAW	146.18	217 iPKPc	45 50.60	0.7	
LFF	84.24	0 iPc	38 43.70	0.5		PAIG	87.06	343 iP	38 55.92	-1.3			1.0s	96.00nm			
	1.0s	194.40nm				LIT	87.11	343 eP	38 58.12	0.6		JOZ	146.51	303 iPKPc	45 45.00	-6.7X	
CAF	84.25	359 iPc	38 43.90	0.6		G8A	87.67	289 P	39 01.00	0.5			1.5s	277.78nm			
	1.2s	161.25nm				CMS	87.90	209 eP	39 02.00	0.9		CRZF	146.58	258 iPKPc	45 59.00	7.8X	
PCP	84.40	354 P	38 44.05	0.0			1.1s	19.00nm		5.3mb		SLR	147.02	310 iPKPc+45	52.50	-0.3	
PGB	84.43	343 iPd	38 45.00	0.7		IGT	88.03	345 eP	39 01.88	-0.1			1.0s	190.00nm			
PLE	84.47	346 iPc	38 45.58	1.1		AGG	88.19	343 eP	39 01.48	-1.3		Z	20s	4.26um		6.2msz	
LPO	84.50	360 iPc	38 44.90	0.4		ETOR	88.32	2 eP	39 02.60	-0.9		KSR	147.79	312 iPKPc	45 56.50	2.4X	
	1.1s	289.15nm				GUD	88.43	4 eP	39 03.50	-0.5		WIN	148.72	330 iPKPc	45 58.70	3.0X	
PZZ	84.52	355 P	38 44.69	-0.1		EPLA	88.91	5 eP	39 06.50	0.3			1.3s	140.38nm			
SURF	84.55	356 P	38 46.31	1.3		TOL	89.20	4 eP	39 08.50	0.9		Z	20s	5.53um		6.3msz	
VTS	84.56	344 iPd	38 45.00	-0.1		CSS	89.55	334 eP	39 09.00	-0.3		BLF	150.86	310 iPKPc	46 04.20	5.5X	
DIM	84.65	342 eP	38 47.00	1.7		ECHE	89.57	1 iPd	39 09.50	0.1			0.7s	115.00nm			
ROB	84.68	355 P	38 45.10	-0.4		MBL	89.63	235 eP	39 06.90	-2.7			S.D. = 1.0	on 549 of 575 obs.			
FIN	84.75	355 P	38 45.29	-0.5		STK	89.63	213 iPc	39 10.10	0.7							
PLD	84.76	342 eP	38 47.00	1.2			0.9s	29.60nm		5.6mb		%	NOV	11, 1992	21h	47m	47.54±0.87s
STV	84.76	355 P	38 44.83	-1.1		BHL	89.86	332 P	39 08.00	-2.9							38.967 N ± 8.0km
ENR	84.78	355 P	38 45.01	-1.0				PP	42 44.00								29.813 E ± 7.9km
IVA	84.84	346 iPc	38 46.88	0.5				SKS	49 38.00								DEPTH = 10.0km (geophysicist)
FIR	84.96	352 iPd	38 48.00	1.2		BWA	89.89	206 iPc	39 11.20	0.6							(366)
TOUF	85.00	355 P	38 47.79	0.5				e	39 19.30			TURKEY					MD 3.1 (ISK).

ALT 0.25 69 iPg 47 52.90 0.0
eSg 47 56.40
KHL 0.68 200 iPg 48 01.10 0.0
eSg 48 10.10
DST 1.12 305 iPn 48 08.00 -0.6
EYL 1.62 9 ePn 48 16.00 -0.3
KCT 1.70 319 iPn 48 18.30 0.8
S.D. = 0.7 on 5 of 5 obs.

% NOV 11, 1992 22h 12m 07.30±3.60s
36.873 N ±25.2km 3.999 W ±10.7km
DEPTH = 74.3 ± 29.6 km

STRAIT OF GIBRALTAR (385)

EGUA 0.35 96 ePg 12 19.38 -0.1
eSg 12 27.90
ECOG 0.53 40 ePg 12 21.11 0.0
eSg 12 30.80
ELUO 0.72 343 ePg 12 23.26 0.3
eSg 12 34.00
EBAN 1.30 7 ePn 12 29.78 -0.4
eSn 12 45.00
EHOR 1.37 314 ePn 12 31.09 0.0
eSn 12 47.40
EHUE 1.46 50 ePn 12 32.46 0.1
eSn 12 50.10
EVIA 2.12 33 ePn 12 41.60 0.2
eSn 13 03.40
S.D. = 0.3 on 7 of 7 obs.

% NOV 11, 1992 22h 24m 08.66±0.75s
43.090 N ±11.2km 0.619 W ± 5.0km
DEPTH = 5.0km (geophysicist)

PYRENEES (378)

ML 1.0 (STR).

ESCF 0.03 110 Pg 24 09.93 0.0
Sg 24 10.93
ATE 0.06 266 Pg 24 10.26 0.0
Sg 24 11.53
OGE 0.13 54 Pg 24 11.47 0.0
ISSF 0.14 244 Pg 24 11.75 0.1
Sg 24 14.16
MADF 0.16 291 Pg 24 11.90 0.0
Sg 24 14.92
S.D. = 0.1 on 5 of 5 obs.

NOV 11, 1992 23h 02m 26.80±0.82s
38.926 N ± 8.6km 125.746 E ± 7.8km
DEPTH = 10.0km (geophysicist)
4.3mb (1 obs.)

NORTH KOREA (659)

ML 4.4 (BJI).

DL2 3.21 271 Pn 03 18.00 -0.3
Pg 03 26.40
Sg 04 05.40
SNY 3.34 331 Pnc 03 20.20 0.2
Pg 03 29.90
Sn 03 56.50
Sg 04 13.00
CN2 4.88 357 ePn 03 41.40 -0.5
ePg 03 58.00
eSn 04 33.20
eSg 04 58.00
MDJ 6.37 26 ePn 04 03.50 0.5
Sg 05 49.00
SHNJ 6.45 136 eP 04 03.80 -0.3
eS 05 46.60
TIA 7.36 251 ePn 04 17.80 0.8
N 10s 0.62um
E 10s 0.47um
BJI 7.49 282 ePn 04 17.00 -1.6
eSn 05 40.00
BTO 12.22 283 eP 05 25.00 1.1
N 11s 0.42um
E 10s 0.28um
LZH 17.60 268 eP 06 38.00 4.1X
1.5s 35.00nm 4.3mb
S.D. = 1.0 on 8 of 9 obs.

% NOV 11, 1992 23h 09m 43.37±1.27s
22.725 N ±12.5km 94.499 E ±10.4km
DEPTH = 88.2 ± 14.8 km
4.4mb (8 obs.)

MYANMAR (296)

SHL 3.70 320 iP 10 41.60 2.0
iS 11 20.00
CHG 5.69 132 ePn 11 07.00 -0.2
eSg 12 09.00
KMI 7.91 71 Pc 11 44.50 6.6X
1.0s 30.00nm 4.9mb
GUN 9.35 305 P 11 57.34 -0.3
PKI 9.54 302 P 11 59.32 -0.9
KKN 9.75 303 P 12 01.68 -1.3
DMN 9.80 302 P 12 02.86 -0.8
GKN 10.35 303 P 12 09.38 -1.6
HYB 15.88 253 eP 13 26.00 2.9
eS 16 03.00
GBA 18.56 244 P 13 56.00 -0.1
S 17 03.00
SSE 25.17 65 P 15 03.50 1.5
1.0s 11.00nm 4.3mb
WRA 57.54 134 P 19 25.60 -0.5
0.6s 1.90nm 4.3mb
WB2 57.55 134 iPd 19 25.20 -1.0
0.6s 6.40nm 4.9mb
ASPA 59.95 138 eP 19 42.10 -0.7
0.5s 6.30nm 5.0mb
KAF 59.98 330 eP 19 43.70 1.2
0.5s 1.10nm 4.2mb
NB2 67.16 328 P 20 29.00 -0.7
0.5s 1.10nm 4.0mb
GEC2 67.30 315 eP 20 31.50 0.6
0.6s 0.43nm 3.6mb
e 20 33.10
e 20 38.40
e 20 44.00
e 20 50.60
S.D. = 1.4 on 16 of 17 obs.

NOV 11, 1992 23h 15m 32.24±0.46s
43.024 N ± 4.1km 111.528 W ± 7.1km
DEPTH = 5.0km (geophysicist)

EASTERN IDAHO (457)

ML 2.8 (GS), 3.3 (BUT).

HHA1 0.68 294 iPd 15 45.50 -0.3
eS 15 56.06
BW06 1.47 99 eP 15 58.29 -1.4
HVU 1.55 217 iPc 16 00.23 -0.5
eS 16 15.26
LTMT 1.56 345 ePnc 15 59.80 -1.1
TPMT 1.71 357 ePn 16 03.30 0.2
MCMT 2.04 333 ePnc 16 08.20 0.3
BGMT 2.24 351 ePn 16 11.10 0.3
MEMT 2.61 9 ePn 16 17.10 1.1
DAU 2.62 175 iP 16 16.74 0.5
LCCM 2.82 355 ePn 16 20.90 1.9X
HBMT 2.87 345 ePn 16 21.60 1.8X
DUG 2.99 199 eP 16 21.20 -0.1
eS 17 00.30
BUT 3.08 346 ePg 16 27.30 4.7X
eSg 17 08.00
EMUT 3.25 170 eP 16 26.12 1.0
SRU 3.98 169 (P) 16 34.45 -1.0
PV10 5.01 157 ePn 16 51.09 0.9
ePg 17 06.59
S.D. = 0.9 on 13 of 16 obs.

% NOV 11, 1992 23h 41m 11.42±0.51s
39.891 N ± 4.4km 29.119 E ± 4.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.1 (ISK).

DST 0.47 233 iPg 41 21.00 -0.1
iSg 41 27.00
KCT 0.69 302 iPg 41 24.50 -0.5
iSg 41 35.30
GBZT 0.93 15 ePg 41 29.00 -0.2
iSg 41 45.00
BNT 1.03 297 iPn 41 30.80 -0.1
EYL 1.04 49 ePn 41 30.90 -0.3
EDC 1.07 296 iPn 41 32.00 0.5
ALT 1.13 137 iPn 41 33.00 0.3
ISK 1.17 358 iPn 41 33.80 0.5
KHL 1.60 169 ePn 41 39.70 -0.1
S.D. = 0.4 on 9 of 9 obs.

? NOV 11, 1992 23h 57m 56.84±1.51s
4.478 S ±18.4km 134.115 E ±22.1km
DEPTH = 33.0km (normal)

4.0mb (2 obs.)
IRIAN JAYA REGION, INDONESIA (196)

TLE 1.78 230 ePc 58 26.20 0.4
MTN 8.82 199 eP 00 04.00 -1.1
0.4s 76.00nm 6.2mb X
eS 01 49.00
KNA 12.37 205 eP 00 49.40 -4.2X
WB2 15.37 179 iPc 01 32.60 -0.5
0.6s 4.10nm 3.8mb
iS 04 23.50
ASPA 19.08 181 iPc 02 21.00 1.5
0.8s 12.40nm 4.2mb
iS 05 53.80
CNCB 149.60 135 PKP 17 42.20 0.7
LPB 149.70 134 (PKP) 17 49.00 7.5X
ZOBO 149.84 134 ePKP 17 41.00 -0.9
S.D. = 1.3 on 6 of 8 obs.

NOV 12, 1992 00h 02m 44.23±0.34s
43.026 N ± 3.3km 111.525 W ± 4.0km
DEPTH = 5.0km (geophysicist)

EASTERN IDAHO (457)

ML 3.2 (GS), 3.4 (BUT).

PTI 0.64 256 iP 02 57.03 0.0
eS 03 07.74
HHA1 0.68 294 iP 02 57.88 0.0
BW06 1.47 99 iP 03 11.10 -0.5
HVU 1.55 217 iPc 03 12.58 -0.1
eS 03 34.73
LTMT 1.56 344 ePnc 03 12.10 -0.8
TPMT 1.71 357 ePn 03 14.80 -0.3
MCMT 2.04 332 ePnc 03 20.60 0.7
BGMT 2.24 351 ePn 03 23.50 0.8
MEMT 2.61 9 ePn 03 30.50 2.6X
DAU 2.62 176 eP 03 28.41 0.2
LCCM 2.82 355 ePn 03 33.20 2.2X
HBMT 2.87 345 ePn 03 34.00 2.2X
LRM 2.87 347 ePn 03 34.60 2.8X
DUG 2.99 199 eP 03 32.88 -0.4
BUT 3.08 346 ePg 03 40.60 6.0X
eSg 04 20.30
EMUT 3.25 170 eP 03 37.37 0.2
SRU 3.98 169 eP 03 47.25 -0.2
MSU 4.53 186 (P) 03 54.83 -0.5
PV10 5.01 157 ePn 04 03.00 0.8
RSSD 5.55 76 (P) 04 09.16 -0.6
GOL 5.70 124 (P) 04 12.67 0.8
S.D. = 0.6 on 16 of 21 obs.

* NOV 12, 1992 00h 13m 34.57±1.27s
10.597 S ± 7.3km 116.915 E ±10.8km
DEPTH = 42.8 ± 14.4 km
4.6mb (5 obs.)

SOUTH OF SUMBAWA, INDONESIA (291)

KHK1 2.57 330 ePd 14 15.70 1.1
e 19 36.00
TRT 5.11 304 iPd 14 32.50 -18.1X
iS 15 26.60
MKS 5.91 26 iPd 15 03.40 1.4
KUPT 6.60 87 eP 15 09.00 -2.6
eS 16 24.50
MBL 10.87 165 eP 16 05.20 -5.4X
0.3s 46.00nm 6.1mb X
eS 17 54.00
NANU 11.97 186 eP 16 24.00 -1.5
0.3s 32.00nm 5.9mb X
eS 18 27.00
MEEK 16.04 174 eP 17 17.70 -1.1
0.3s 28.00nm 4.9mb
eS 20 02.00
WARB 18.03 151 eP 17 44.00 0.3
0.3s 5.00nm 4.1mb
eS 20 52.00
MRWA 18.55 183 iPd 17 50.50 0.5
eS 21 05.00
WB2 19.20 121 eP 17 58.30 0.3
0.5s 4.60nm 4.0mb
eS 21 12.80
COOL 20.57 170 eP 18 14.40 2.0
eS 21 50.00
ASPA 20.76 131 iPc 18 16.70 2.2
eS 21 57.30
KLB 20.91 178 eP 18 22.20 6.4X
eS 22 00.00

12d 00h

MUN 21.29 182 eP 18 26.60 6.9X
 IPM 21.85 313 ePd 18 25.60 0.1
 1.0s 41.50nm 4.8mb
 GBA 45.96 301 P 21 56.00 0.4
 GUN 48.67 323 P 22 16.70 -0.4
 0.6s 26.00nm 5.5mb X
 PKI 48.70 322 P 22 15.96 -1.4
 0.6s 8.00nm 4.9mb
 DMN 48.91 322 P 22 18.30 -0.6
 0.3s 11.00nm 5.3mb X
 KKN 48.94 322 P 22 17.56 -1.4
 GKN 49.48 322 P 22 22.44 -0.7
 0.3s 16.00nm 5.5mb X
 MAIO 71.34 314 eP 24 54.00 1.7
 OLY 144.23 42 (PKP) 33 07.12 -0.9
 ELC 144.50 37 ePKP 33 08.58 0.2
 CNCB 152.34 170 PKP 33 34.30 12.3X
 LPB 152.59 170 (PKP) 33 41.00 18.8X
 ZOBO 152.83 169 PKP 33 33.00 10.2X
 S.D. = 1.4 on 20 of 27 obs.

* NOV 12, 1992 00h 41m 17.30±1.55s
 32.858 S ±11.0km 71.530 W ±10.3km
 DEPTH = 22.3 ± 8.7 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.9 (SAN).

IHA 0.19 209 eP 41 22.60 0.0
 ROCH 0.45 105 iS 41 28.00
 0.1s 41 26.88 0.1
 0.1s 41 35.70
 LCCH 0.62 183 iPd 41 28.99 -0.3
 0.1s 41 40.17
 PEL 0.76 112 iP+ 41 31.96 0.1
 0.1s 41 44.98
 JACH 0.81 78 iPd 41 31.01 -1.6
 0.1s 41 43.23
 TACH 0.94 148 iP 41 34.91 0.2
 SAN 0.94 129 iPd 41 34.83 0.0
 0.1s 41 50.70
 LNV 1.10 175 eP 41 36.19 -1.1
 0.1s 41 53.59
 FCH 1.14 115 iPd 41 37.76 -0.5
 0.1s 41 55.09
 PCH 1.14 132 iP+ 41 38.09 0.0
 0.1s 41 55.84
 CHCH 1.30 146 iP 41 40.88 0.7
 0.1s 42 00.53
 MDZ 2.26 91 iP 42 06.40 12.4X
 0.1s 42 28.60
 RTLL 3.01 60 e(P) 42 05.50 0.8
 S.D. = 0.8 on 12 of 13 obs.

* NOV 12, 1992 00h 48m 28.51±0.91s
 12.572 S ± 8.0km 123.810 E ±10.9km
 DEPTH = 33.0km (normal)
 SOUTH OF TIMOR, INDONESIA (293)

KUPT 2.41 355 eP 49 06.70 0.2
 KNA 5.75 124 eP 49 54.30 0.4
 0.2s 11.00nm 5.1mb X
 0.1s 50 57.00
 MTN 7.15 93 eP 50 13.00 -0.5
 0.3s 33.00nm 5.8mb X
 0.1s 51 18.00
 MBL 9.35 203 iPd 50 43.50 -0.6
 0.2s 5.00nm 5.4mb X
 0.1s 52 22.00
 WB2 12.49 127 eP 51 23.60 -3.3X
 0.4s 13.30nm 5.4mb X
 0.1s 53 34.50
 WARB 13.80 169 eP 51 45.00 0.8
 0.1s 54 13.00
 ASPA 14.61 140 eP 51 54.40 -0.4
 0.1s 54 28.00
 S.D. = 0.7 on 6 of 7 obs.

* NOV 12, 1992 01h 05m 15.28±1.10s
 26.452 S ± 5.3km 64.914 W ±21.9km
 DEPTH = 23.6 ± 9.3 km
 TUCUMAN PROVINCE, ARGENTINA (131)

SLA 1.79 343 iPc 05 45.30 0.0
 0.1s 06 07.80
 CYA 2.13 201 eP 05 49.00 -1.1
 RTPR 4.09 200 ePc 06 17.80 0.0

TCA 4.88 177 iP 07 04.20
 0.1s 06 29.20 0.1
 0.1s 06 48.50
 RTLL 5.77 212 ePd 06 45.30 3.6X
 CFA 5.90 209 e(P) 06 44.30 0.8
 MRA 5.98 186 ePc 06 43.70 -0.8
 RTCV 6.25 210 ePd 06 49.10 0.6
 MDZ 7.27 207 e(P) 07 36.00 33.3X
 RFA 8.84 199 ePd 07 21.30 -3.3X
 CNCB 10.01 343 eP 07 42.00 0.7
 LPB 10.30 343 eP 07 46.00 0.8
 ZOBO 10.55 343 P 07 46.00 -2.7
 SIV 11.01 20 eP 07 55.00 0.6
 S.D. = 1.3 on 11 of 14 obs.

NOV 12, 1992 01h 16m 52.24±1.34s
 14.329 S ± 6.7km 167.682 E ± 7.1km
 DEPTH = 41.7 ± 11.3 km
 5.2mb (21 obs.) 5.0Msz (2 obs.)
 VANUATU ISLANDS (186)

BKM 3.36 171 iP 17 44.90 1.3
 0.1s 18 32.90
 DZM 7.79 189 iPc 18 43.90 -2.1
 0.1s 20 12.40
 HNR 9.00 302 eP 19 02.00 -0.7
 0.1s 20 48.00
 SVO 9.26 303 eP 19 07.00 0.7
 0.1s 20 55.00
 PMG 20.67 281 eP 21 32.60 1.4
 CTA 21.25 251 iPc 21 38.40 1.3
 1.0s 37.50nm 4.7mb
 Z 21s 19.00um 5.5Msz
 0.1s 21 48.00 36kmX
 0.1s 22 22.00
 0.1s 25 42.00
 RMQ 21.44 233 iPc 21 40.30 1.3
 0.8s 137.00nm 5.4mb
 ARMA 21.79 220 iPd 21 44.50 1.8
 1.0s 66.00nm 5.0mb
 QLP 25.07 237 iPc 22 15.60 1.1
 0.5s 33.00nm 5.2mb
 CMS 26.31 226 iPc 22 26.50 0.5
 1.0s 90.00nm 5.3mb
 BWA 26.52 218 e(P) 22 27.00 -0.9
 CAN 26.82 215 e(P) 22 29.50 -1.2
 TOO 30.41 216 eP 23 03.00 0.1
 1.0s 44.00nm 5.2mb
 WB2 32.30 255 iPc 23 18.30 -1.4
 1.0s 19.50nm 4.9mb
 WRA 32.31 255 P 23 18.80 -1.0
 1.0s 7.90nm 4.5mb
 ASPA 33.19 249 eP 23 22.00 -5.4X
 1.4s 47.10nm 5.2mb
 Z 21s 1.10um 4.5Msz
 ADE 33.20 227 eP 23 28.20 0.8
 WARB 40.11 246 eP 24 25.50 -0.3
 MBL 45.94 254 eP 25 11.00 -2.2
 1.0s 125.00nm 5.8mb
 MEEK 47.31 247 eP 25 22.80 -1.2
 NANU 49.94 252 iPc 25 44.50 0.2
 1.0s 125.00nm 5.9mb
 MUN 50.01 240 eP 25 44.30 -0.4
 1.0s 54.00nm 5.5mb
 BAG 55.65 302 eP 26 26.20 -0.9
 BJI 72.21 321 eP 28 15.00 0.1
 1.3s 40.00nm 5.2mb
 KMI 74.44 302 Pc 28 29.50 0.9
 1.5s 40.00nm 5.2mb
 CHG 75.28 294 ePc 28 33.70 0.4
 1.2s 19.53nm 4.9mb
 LZH 78.35 312 P 28 51.50 1.2
 1.5s 70.00nm 5.4mb
 Z 24s 0.32um 4.6MszX
 YAK 81.74 343 iPd 29 06.00 -1.6
 1.2s 70.00nm 5.5mb
 PMR 82.99 19 eP 29 14.00 -0.1
 1.3s 56.60nm 5.5mb
 ARN 83.93 49 eP 29 19.98 0.5
 ORV 84.82 47 eP 29 24.00 0.2
 IMA 85.16 15 eP 29 24.31 -0.8
 1.1s 6.51nm 4.7mb
 FBA 85.85 17 eP 29 28.20 -0.2
 1.0s 12.50nm 5.1mb
 PLM 86.03 54 eP 29 30.02 -0.2
 BONR 86.54 50 (P) 29 33.29 0.5
 GUN 89.55 299 P 29 46.84 -0.7

PKI 89.86 298 P 29 48.64 -0.3
 KKN 90.03 299 P 29 49.28 -0.3
 DMN 90.13 298 P 29 50.16 0.1
 GKN 90.63 299 P 29 51.28 -1.0
 NEW 91.00 40 eP 29 52.00 -1.3
 1.0s 7.50nm 5.0mb
 MSU 91.28 51 eP 29 56.03 0.9
 GBA 93.53 283 P 30 06.00 0.5
 PV10 93.61 51 eP 30 05.00 -0.8
 OBN 124.56 328 ePKP 35 52.00 3.5X
 1.0s 18.00nm
 GEC2 139.47 334 ePKP 36 19.80 2.7
 0.9s 1.57nm

HAU 143.03 339 ePKP 36 19.60
 FIR 144.40 330 ePKP 36 24.50 -1.2
 LOR 144.49 341 ePKP 36 24.10 -1.8
 1.6s 37.95nm
 LBF 144.71 341 ePKP 36 24.80 -1.5
 1.2s 18.45nm
 SSF 144.79 341 ePKP 36 25.20 -1.1
 1.1s 42.75nm
 LPL 144.99 336 ePKP 36 26.30 -0.7
 1.2s 27.05nm
 LPG 145.00 336 ePKP 36 26.60 -0.5
 1.2s 28.25nm
 SMF 145.05 340 ePKP 36 25.90 -0.9
 1.2s 41.05nm
 AVF 145.08 341 ePKP 36 25.90 -0.9
 1.3s 53.05nm
 BGF 145.44 341 ePKP 36 27.40 -0.1
 1.1s 53.50nm
 GRN 145.60 337 PKP 36 28.60 0.7
 MAF 145.83 341 ePKP 36 28.90 0.7
 1.1s 32.00nm
 TCF 145.88 342 ePKP 36 28.90 0.6
 1.1s 29.05nm
 SSB 146.01 339 PKP 36 29.89 1.4
 LSF 146.11 343 ePKP 36 29.50 0.9
 1.2s 46.40nm
 MFF 146.25 345 ePKP 36 29.80 1.0
 1.5s 85.65nm
 PGF 146.40 331 ePKP 36 30.20 0.9
 1.1s 61.80nm
 FRF 146.64 335 ePKP 36 30.90 1.4
 1.0s 44.00nm
 LMR 146.89 334 ePKP 36 31.70 1.8
 1.4s 48.35nm
 CAF 147.15 341 ePKP 36 31.80 1.4
 1.2s 22.30nm
 BAO 148.05 255 iPKPc 36 31.50 -1.2
 1.2s 63.00nm
 0.1s 36 35.20
 0.1s 38 10.00
 S.D. = 1.1 on 64 of 67 obs.

* NOV 12, 1992 01h 17m 06.06±1.54s
 38.012 N ± 8.8km 27.046 E ±14.4km
 DEPTH = 5.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

Izm 0.42 24 iPg 17 14.00 -0.5
 0.1s 17 18.20
 YER 1.32 131 iPn 17 31.00 0.1
 EZN 1.90 343 ePn 17 39.00 -0.3
 KHL 1.98 80 ePn 17 40.00 -0.6
 DST 2.01 37 ePn 17 42.00 0.9
 EDC 2.42 15 ePn 17 47.00 0.1
 BNT 2.44 16 ePn 17 47.00 -0.2
 KCT 2.46 24 ePn 17 48.00 0.6
 S.D. = 0.6 on 8 of 8 obs.

* NOV 12, 1992 01h 21m 59.46s
 63.299 N 151.120 W
 DEPTH = 14.7km
 CENTRAL ALASKA (1)
 <AEIC>. ML 2.7 (AEIC). 3.1 (PMR).

KTH 0.27 19 eP 22 05.14 -0.4
 TRF 0.41 67 iP 22 07.67 -0.3
 0.1s 22 14.19
 HUR 0.75 115 eP 22 13.65 0.0
 0.1s 22 24.22
 RND 1.03 83 eP 22 18.40 -0.1

MCK	1.07	65	eP	22	19.44	0.2
			eS	22	35.02	
SKT	1.34	188	iP	22	23.24	-0.3
			eS	22	40.24	
NEA	1.57	34	eP	22	27.94	1.1
MLY	1.75	5	eP	22	28.75	-0.7
			S	22	52.51	
PWA	1.75	160	P	22	29.70	0.3
			S	22	54.00	
WRH	1.78	47	eP	22	29.63	-0.3
			S	22	54.73	
GHO	1.84	145	eP	22	30.39	-0.4
SUA	1.85	174	eP	22	30.76	-0.3
			eS	22	55.67	
PLRM	1.95	151	eP	22	32.16	-0.1
PMR	1.95	151	eP	22	31.89	-0.4
			eS	22	58.34	
NCG	1.96	195	eP	22	32.21	-0.4
			eS	22	57.44	
SML	1.98	138	eP	22	32.02	-0.8
CCB	1.99	46	eP	22	32.15	-0.8
			S	23	00.18	
CGLM	2.04	192	eP	22	33.19	-0.6
MDM	2.09	36	eP	22	35.46	1.0
			S	23	03.45	
CRP	2.10	194	eP	22	33.64	-1.0
CP2	2.11	195	eP	22	34.73	-0.1
			eS	23	01.55	
BGL	2.13	197	eP	22	34.92	-0.1
CKN	2.14	194	eP	22	35.66	0.5
			eS	23	03.82	
HDA	2.15	57	eP	22	34.07	-1.2
			S	23	04.71	
SPU	2.17	192	eP	22	34.43	-1.2
			eS	23	01.69	
F8A	2.17	41	eP	22	35.07	-0.5
			eS	23	06.86	
CKL	2.19	196	eP	22	35.89	0.0
			eS	23	04.29	
PMS	2.19	160	eP	22	36.90	1.1
TTA	2.25	263	eP	22	33.71	-3.1
KNK	2.26	146	eP	22	37.55	0.6
SCM	2.29	128	eP	22	36.98	-0.4
GLM	2.36	42	eP	22	38.83	0.6
TOA	2.58	116	eP	22	42.20	0.8
PAX	2.59	95	eP	22	42.34	0.8
PTE	2.64	157	eP	22	42.50	0.4
SDG	2.67	184	eP	22	43.43	0.8
SLKM	2.83	171	eP	22	46.04	1.0
REF	2.92	196	eP	22	45.69	-0.6
MPA	2.94	163	eP	22	47.65	1.2
IMA	2.99	340	eP	22	45.82	-1.4
KLU	3.02	124	eP	22	48.00	0.3
SVW	3.05	226	(P)	22	46.23	-1.8
GLI	3.08	140	eP	22	48.85	0.4
VLZ	3.12	132	eP	22	49.52	0.5
FID	3.37	137	eP	22	53.02	0.5
KNIM	3.37	150	eP	22	52.31	-0.2
INW	3.38	197	eP	22	55.08	2.2
CVA	3.75	135	eP	22	57.40	-0.6
GLB	3.88	115	eP	23	00.57	0.7
RAGM	4.23	131	eP	23	04.88	0.1
BALM	4.70	115	eP	23	11.12	-0.4
CTGM	5.15	113	eP	23	18.68	0.7

52 obs. associated

* NOV 12, 1992 01h 40m 04.03±1.28s
3.628 N ± 7.2km 126.671 E ± 14.8km
DEPTH = 58.5 ± 12.1 km
4.8mb (7 obs.)

TALAUD ISLANDS, INDONESIA (263)

MNI	2.84	220	ePd	40	50.50	2.6
			eS	41	36.00	
BIP	4.59	355	eP	41	11.00	-1.4
			eS	42	09.50	
CGP	5.18	338	eP	41	21.00	0.1
			eS	42	25.00	
PLP	7.67	347	ePc	41	55.50	-0.2
KNA	19.36	174	eP	44	27.00	-0.9
WB2	24.61	162	iPd	45	19.60	-0.7
	0.7s	54.50nm			5.2mb	
			eS	49	07.90	
ASPA	28.03	166	eP	45	50.20	-1.6
	0.8s	7.10nm			4.3mb	
			iS	50	52.00	
			iPcS	52	49.30	

WARB	29.63	180	eP	46	06.00	-0.2
	0.3s	4.00nm			4.6mb	
CHG	31.02	301	eP	46	18.80	0.2
STK	38.06	159	iPd	47	18.40	-0.3
	0.6s	5.70nm			4.7mb	
			i	49	34.40	
LZH	38.56	330	eP	47	23.00	0.0
	1.5s	27.00nm			4.9mb	
GUN	45.74	306	P	48	21.40	-0.5
KKN	46.17	306	P	48	24.60	-0.6
DMN	46.24	305	P	48	24.80	-1.0
GKN	46.78	306	P	48	29.20	-0.7
GBA	49.59	285	P	48	50.60	-1.1
BRW	82.29	18	eP	52	22.90	2.7
IMA	82.50	24	eP	52	23.80	2.2
OBV	87.09	325	eP	52	46.00	1.5
			i	52	49.00	
KAF	91.66	332	eP	53	06.40	0.5
	0.7s	5.70nm			5.1mb	
NB2	98.85	334	P	53	38.10	-0.7
	0.9s	2.30nm			4.7mb	
	S.D. = 1.4	on 21 of 21 obs.				

? NOV 12, 1992 02h 05m 57.29±0.93s
39.114 N ± 10.2km 29.832 E ± 8.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).

ALT	0.22	105	iPg	06	02.10	-0.1
			iSg	06	05.10	
KHL	0.83	197	iPg	06	13.40	0.1
			eSg	06	25.30	
DST	1.05	298	ePn	06	16.80	-0.4
KCT	1.61	315	iPn	06	26.20	0.4
	S.D. = 0.6	on 4 of 4 obs.				

* NOV 12, 1992 02h 50m 17.74±1.07s
43.103 N ± 28.7km 0.450 W ± 5.9km
DEPTH = 10.0km (geophysicist)

PYRENEES (378)

ML 2.2 (LDG).

ESCF	0.09	255	Pg	50	20.15	-0.3
			Sg	50	21.75	
ATE	0.18	265	Pg	50	21.75	-0.1
			Sg	50	24.33	
ISSF	0.26	254	Pg	50	23.57	0.2
			Sg	50	27.45	
MADF	0.27	279	Pg	50	23.63	0.1
			Sg	50	27.77	
EPF	0.58	97	Pg	50	29.60	0.0
			Sg	50	38.50	
LPO	1.97	36	Pg	50	56.70	5.2X
			Sg	51	23.20	
	S.D. = 0.3	on 5 of 6 obs.				

? NOV 12, 1992 03h 06m 16.59±2.79s
34.358 S ± 15.9km 71.977 W ± 19.4km
DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)

MD 4.3 (SAN).

LNV	0.62	50	iPd	06	28.68	-0.2
LCCH	0.94	21	iPd	06	32.58	-0.9
TACH	1.11	51	iPd	06	35.77	-0.2
CHCH	1.18	69	iPd	06	37.20	0.3
IHA	1.36	12	ePn	06	39.50	0.1
			iPg	06	42.80	
			i	06	50.40	
			e(S)	07	03.70	

PCH	1.42	59	iP	06	40.49	0.1
ROCH	1.60	30	iPd	06	42.57	-0.6
PEL	1.62	42	iPd	06	43.76	0.5
			iS	07	10.36	

FCH	1.74	54	iPd	06	45.02	-0.2
JACH	2.03	35	iP	06	49.29	0.0
			iS	07	20.68	

RFA	2.93	99	ePc	07	01.40	-0.5
			i	07	09.70	
			S	07	47.00	

MDZ	2.99	61	iP	07	13.40	10.5X
			iS	07	53.70	
RTCV	3.81	50	ePd	07	15.20	0.8
RTLL	4.22	45	ePc	07	20.20	-0.1
RTPR	6.14	50	e(P)d	07	44.80	-2.6X
TCA	6.91	66	eP	07	55.00	-3.2X

CNCB	17.84	13	eP	10	28.00	3.5X
LP8	18.09	12	eP	10	37.00	9.5X
ZOBO	18.32	12	P	10	40.00	9.4X
SIV	20.75	31	P	10	58.00	0.8
	S.D. = 0.5	on 14 of 20 obs.				

? NOV 12, 1992 04h 01m 09.32±0.99s
9.282 S ± 12.2km 117.134 E ± 11.7km
DEPTH = 33.0km (normal)

SUNBATA REGION, INDONESIA (285)

MKS	4.66	30	iPc	02	18.50	-0.6
TRT	4.72	289	ePd	02	20.50	0.5
MBL	12.09	168	eP	04	15.00	12.7X
			eS	06	21.00	
NANU	13.29	186	eP	04	17.00	-1.3
	0.3s	2.00nm			4.6mb	
			eS	06	56.00	

MTN	14.19	106	eP	04	30.00	0.0
WB2	19.73	124	iPc	05	38.50	-0.8
	0.2s	8.00nm			4.7mb	
			eS	09	17.50	

ASPA 21.48 134 eP 05 59.80 2.4
0.8s 3.90nm 3.9mb
S.D. = 1.7 on 6 of 7 obs.

% NOV 12, 1992 04h 10m 15.54±1.28s
39.104 N ± 12.5km 21.714 E ± 6.9km
DEPTH = 10.0km (geophysicist)

GREECE (364)

AGG	0.49	99	iPg	10	25.70	0.3
			eSg	10	34.10	
IGT	1.15	292	ePb	10	37.14	0.0
			eSb	10	54.86	
LIT	1.16	31	iPb	10	37.66	0.4
			eSb	10	55.82	

PAIG	1.73	61	ePb	10	45.17	-0.6
GRC	1.92	16	ePn	10	48.74	0.1
SOH	2.13	36	ePn	10	51.50	-0.1
			eSn	11	18.22	

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

* NOV 12, 1992 04h 12m 50.09±2.52s
29.491 N ± 13.9km 34.858 E ± 22.1km
DEPTH = 10.0km (geophysicist)

EGYPT (553)

MD 4.0 (RYD).

HOL	0.28	143	iPd	13	11.40	15.5X
AYN	1.17	121	iPd	13	12.00	0.0
ARVI	1.19	13	iPd	13	13.20	1.0
DHLJ	1.41	19	Pc	13	15.59	-0.1
GHZJ	1.64	50	Pd	13	20.25	1.1
LISJ	1.82	17	Pd	13	22.00	0.3
YTIR	1.87	7	eP	13	23.70	1.3

QTRJ	2.06	29	Pd	13	25.37	0.1
DSI	2.12	12	iPd	13	26.70	0.7
MKRJ	2.16	18	P	13	25.99	-0.7

CSTJ	2.26	44	Pc	13	28.91	0.8
MASJ	2.35	18	Pd	13	28.44	-1.0
KFNJ	2.47	16	Pc	13	30.03	-0.9
SALJ	2.61	16	Pc	13	32.40	-0.7

12d 04h

SDN 11.99 63 (P) 56 03.99 -0.7
 SVW 16.40 44 eP 57 04.28 1.9
 1.0s 58.56nm 4.7mb
 TTA 17.14 38 eP 57 13.89 2.3
 1.0s 5.42nm 3.6mb
 CRP 18.00 46 eP 57 19.11 -3.3X
 SPU 18.01 46 eP 57 22.65 0.2
 SLKM 18.64 49 eP 57 29.95 -0.2
 IMA 19.75 32 ePc 57 42.54 -0.5
 1.0s 8.08nm 4.0mb
 KLU 20.92 48 (P) 57 56.37 1.1
 TOA 20.97 46 eP 57 55.50 -0.2
 FBA 21.27 38 eP 57 56.53 -2.1
 1.1s 12.60nm 4.2mb
 BALM 22.52 50 (P) 58 12.97 1.7
 YKA 35.58 46 eP 00 07.50 -1.6
 0.6s 4.10nm 4.5mb
 NEW 39.25 69 eP 00 40.00 -0.2
 1.0s 7.00nm 4.4mb
 LBFM 39.96 81 (P) 00 47.06 0.7
 SES 41.73 63 eP 01 00.00 -0.5
 HHA1 44.68 73 (P) 01 26.12 1.4
 BW06 46.67 72 eP 01 40.00 -0.6
 0.8s 5.24nm 4.6mb
 GSC 46.80 85 (P) 01 39.79 -1.7
 DAU 47.05 75 eP 01 45.05 1.3
 MSU 47.65 78 eP 01 48.65 0.2
 RSSD 49.13 67 (P) 01 58.50 -1.2
 1.0s 2.71nm 4.2mb
 PV10 49.66 76 eP 02 05.00 1.1
 GOL 51.05 72 eP 02 14.42 -0.1
 0.6s 3.02nm 4.4mb
 MIAR 61.49 70 eP 03 29.36 0.4
 KAF 65.18 347 iP 03 51.40 -1.4
 0.6s 6.10nm 4.9mb
 NUR 66.95 347 eP 04 03.40 -0.7
 0.4s 3.50nm 4.8mb
 NB2 67.76 354 P 04 07.80 -1.5
 0.9s 3.30nm 4.4mb
 HFS 68.49 353 eP 04 11.80 -2.0
 0.4s 1.70nm 4.4mb
 OBN 69.89 339 iP 04 22.00 -0.4
 1.0s 24.00nm 5.2mb
 GUN 71.60 292 P 04 33.72 0.1
 KKN 72.04 292 P 04 36.32 0.2
 PKI 72.13 292 P 04 36.54 -0.2
 GKN 72.25 293 P 04 37.00 -0.3
 DMN 72.27 292 P 04 37.44 -0.1
 GEC2 79.68 351 ePc 05 18.40 -0.4
 0.6s 1.85nm 4.3mb
 ASPA 85.15 222 P 05 47.79 0.6
 S.D. = 1.2 on 37 of 38 obs.

? NOV 12, 1992 05h 40m 58.36± 1.47s
 17.599 S ±20.9km 167.841 E ± 9.5km
 DEPTH = 33.0km (normal)
 3.3mb (1 obs.)
 VANUATU ISLANDS (186)

BKM 0.39 100 iPd 41 07.20 -0.2
 iS 41 15.50
 PVC 0.47 107 iPd 41 08.70 0.2
 iS 41 17.00
 DZM 4.64 196 iPd 42 08.00 0.0
 iS 43 01.50
 WRA 31.77 260 P 47 22.10 0.0
 0.7s 0.30nm 3.3mb
 S.D. = 0.2 on 4 of 4 obs.

% NOV 12, 1992 06h 11m 07.79± 3.72s
 41.252 N ±29.0km 23.473 E ±14.8km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

SRS 0.16 146 iP 11 10.96 -0.6
 SOH 0.44 192 eP 11 16.68 -0.1
 KNT 0.44 258 iP 11 18.09 1.3
 eS 11 24.88
 GRG 0.86 250 eP 11 22.92 -1.5
 OUR 1.00 157 iP 11 27.53 0.9
 S.D. = 1.6 on 5 of 5 obs.

& NOV 12, 1992 06h 19m 50.54s
 34.621 N 116.664 W
 DEPTH = 5.7km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.3 (GS).

GSC 0.69 350 iPc 20 03.36 -1.0
 S 20 12.81
 PEC 0.84 210 iPc 20 05.82 -1.3
 S 20 17.52
 SSK 0.94 245 ePc 20 07.92 -1.1
 S 20 20.64
 PLM 1.27 187 eP 20 13.68 -1.0
 S 20 30.16
 ISA 1.81 306 ePn 20 20.92 -1.7
 ABL 2.12 277 ePn 20 25.96 -1.2
 GLA 2.19 135 ePn 20 24.98 -3.1
 BONR 3.58 339 ePg 20 57.87 9.8
 8 obs. associated

& NOV 12, 1992 06h 22m 56.88s
 34.973 N 116.797 W
 DEPTH = 2.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.8 (GS).

GSC 0.33 359 iPc 23 03.49 0.0
 SSK 1.06 224 iPd 23 16.70 -1.0
 S 23 31.28
 PEC 1.12 196 iPd 23 17.66 -0.9
 S 23 32.62
 ISA 1.53 297 ePn 23 23.81 -1.5
 Pg 23 25.82
 S 23 46.25
 PLM 1.62 182 ePn 23 25.83 -0.8
 S 23 49.07
 ABL 2.00 267 (Pn) 23 30.51 -1.6
 S 24 00.94
 BCH 2.70 275 ePn 23 40.70 -1.5
 MMPM 3.19 326 (Pn) 23 51.46 2.2
 MEMM 3.20 328 ePn 23 47.98 -1.0
 BONR 3.21 338 ePn 23 48.70 -0.9
 ARUT 3.90 43 ePn 23 56.48 -2.8
 11 obs. associated

NOV 12, 1992 06h 24m 30.55± 0.40s
 41.903 N ± 4.3km 26.300 E ± 3.4km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)
 MD 3.5 (ISK).

DIM 0.59 285 iPgd 24 42.00 -0.5
 JMB 0.60 20 iPgc 24 42.00 -0.7
 KDZ 0.71 249 iPgc 24 45.00 0.5
 ALN 1.02 191 ePb 24 51.02 1.1
 DMK 1.09 94 iPg 24 51.20 0.1
 eSg 25 05.20
 RZN 1.20 260 iP 24 53.00 -0.1
 PLD 1.21 280 iPg 24 53.00 0.0
 PVL 1.49 332 iPc 24 58.00 0.6
 MMB 1.95 262 iP 25 07.00 2.9
 EDC 1.95 142 ePn 25 04.00 -0.1
 EZN 2.08 179 iPn 25 04.90 -0.9
 SRS 2.18 250 ePn 25 07.30 -0.1
 iSn 25 41.22
 ISK 2.24 111 ePn 25 08.60 0.4
 KCT 2.27 136 iPn 25 09.00 0.3
 OUR 2.35 229 ePn 25 09.14 -0.6
 eSn 25 45.98
 VTS 2.40 288 iP 25 10.00 -0.6
 SOH 2.47 245 ePn 25 11.62 0.1
 eSn 25 49.46
 GBZT 2.62 114 ePn 25 24.20 10.6X
 KNT 2.66 255 ePn 25 14.18 0.0
 PAIG 2.80 226 iPn 25 15.41 -0.8
 VAY 2.86 259 iPn 25 20.70 3.7X
 GRG 3.08 253 ePn 25 19.26 -0.9
 SKO 3.63 273 iPn 25 39.80 11.9X
 i 26 35.00
 ALT 4.07 133 ePn 25 34.00 -0.2
 AGG 4.18 228 iPn 25 34.98 -0.8
 GZR 4.32 325 ePd 25 38.00 0.1
 S.D. = 0.9 on 23 of 26 obs.

NOV 12, 1992 06h 32m 57.65± 0.34s
 43.015 N ± 3.3km 111.514 W ± 4.0km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.4 (GS), 3.5 (BUT).

PTI 0.65 257 eP 33 10.43 -0.2
 S 33 20.78
 HHA1 0.69 294 iPd 33 11.32 -0.2

BW06 1.46 99 eP 33 23.89 -1.0
 HVU 1.55 218 eP 33 25.31 -0.8
 eS 33 48.52
 LTMT 1.57 344 ePn 33 26.00 -0.5
 TPMT 1.72 356 ePnc 33 29.00 0.4
 MCMT 2.05 332 ePn 33 34.20 0.7
 BGMT 2.25 350 ePn 33 36.50 0.2
 DAU 2.61 176 eP 33 41.65 0.2
 MEMT 2.62 8 ePn 33 44.10 2.6X
 LCCM 2.83 355 ePn 33 47.50 2.9X
 HBMT 2.89 345 ePn 33 47.90 2.5X
 LRM 2.89 347 ePn 33 47.80 2.4X
 DUG 2.98 200 eP 33 46.30 -0.3
 BUT 3.09 346 ePg 33 55.00 6.8X
 eSg 34 36.60
 EMUT 3.24 170 ePn 33 50.54 0.1
 S 34 38.21
 SRU 3.97 169 eP 34 00.51 -0.2
 MSU 4.53 187 eP 34 09.33 0.7
 PV10 5.00 157 ePn 34 16.39 1.0
 ePg 34 31.50
 RSSD 5.54 76 eP 34 22.97 -0.1
 GOL 5.69 124 ePn 34 25.14 0.0
 ePg 34 42.89
 SES 7.39 2 P 34 56.00 7.2X
 0.6s 1.00nm 4.2mb X
 S.D. = 0.6 on 16 of 22 obs.

NOV 12, 1992 07h 15m 32.99± 0.36s
 43.051 N ± 3.4km 111.522 W ± 4.3km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.2 (GS), 3.4 (BUT).

PTI 0.65 254 eP 15 45.70 -0.3
 S 15 55.71
 HHA1 0.67 292 ePd 15 46.52 0.1
 S 15 57.59

BW06 1.47 100 ePd 15 59.40 -1.0
 LTMT 1.54 344 ePnc 16 00.00 -1.4
 HVU 1.57 217 eP 16 01.17 -0.6
 TPMT 1.68 357 ePn 16 03.20 -0.3
 MCMT 2.02 332 ePn 16 09.00 0.7
 BGMT 2.21 350 ePn 16 11.80 0.7
 MEMT 2.58 9 ePn 16 17.30 0.9
 DAU 2.64 176 eP 16 17.65 0.3
 LCCM 2.80 355 ePn 16 21.10 1.7X
 HBMT 2.85 345 ePn 16 22.40 2.2X
 LRM 2.85 347 ePn 16 22.50 2.3X
 DUG 3.01 199 eP 16 22.42 0.0
 BUT 3.05 346 ePg 16 17.40 -5.6X
 eSg 17 07.20
 EMUT 3.28 170 eP 16 26.66 0.4
 HRY 3.67 357 ePn 16 35.70 4.0X
 SRU 4.01 169 ePn 16 36.46 -0.1
 MSU 4.56 186 ePn 16 44.70 0.2
 RSSD 5.54 76 ePn 16 57.84 -0.5
 ePg 17 12.85
 GOL 5.71 124 (Pn) 17 01.68 0.9
 1.5s 13.19nm 4.4mb X
 ePg 17 20.01
 S.D. = 0.7 on 16 of 21 obs.

* NOV 12, 1992 07h 40m 04.83± 0.67s
 14.981 N ± 9.8km 94.656 W ± 9.4km
 DEPTH = 33.0km (normal)
 4.8mb (5 obs.)
 OFF COAST OF CHIAPAS, MEXICO (68)

TPX 2.32 92 iP 40 42.00 0.6
 iS 41 08.50
 SCX 2.61 48 iP 40 49.31 3.7X
 (S) 41 27.47
 OXX 2.88 317 iP 40 49.50 -0.2
 iS 41 21.50
 IISM 4.76 327 iP 41 19.00 2.9X
 IIT 5.32 320 eP 41 26.00 1.6
 PPM 5.56 317 eP 41 28.00 0.1
 III 5.71 307 eP 41 29.00 -0.8
 UNM 6.12 316 (P) 41 37.50 1.9X
 MIAR 19.50 3 eP 44 31.32 -1.0
 1.3s 27.23nm 4.4mb
 MEO 20.03 351 iPc 44 37.90 0.0
 OCO 20.61 353 iPc 44 44.10 0.2
 ACO 22.00 350 iPc 44 57.50 -0.4
 ALQ 22.54 334 eP 45 08.80 5.3X
 1.0s 5.25nm 4.0mb

ELC 22.73 11 eP 45 04.68 -0.5
 TKL 22.79 23 (P) 45 05.66 0.0
 PV10 26.54 334 eP 45 42.70 0.9
 JFWS 28.09 7 ePd 45 55.06 -0.5
 1.2s 47.86nm 5.1mb
 EEO 34.15 19 eP 46 50.50 1.6
 ZOBO 40.64 139 P 47 41.80 -2.6
 LPB 40.84 139 P 47 54.00 8.2X
 CNC8 41.12 139 P 47 49.00 0.7
 JAO 41.49 17 eP 47 49.00 -1.3
 SIV 45.25 131 eP 48 23.00 1.7
 VAO 60.02 128 (P) 50 15.00 3.9X
 EKA 78.67 36 Pc 52 07.60 2.5X
 1.1s 19.20nm 5.0mb
 NB2 84.50 28 P 52 40.00 4.4X
 0.9s 8.30nm 4.9mb
 LIC 88.06 84 P 52 56.60 2.8X
 KIC 88.30 84 P 52 57.40 2.4X
 WRA 133.13 257 PKP 59 19.60 0.0
 0.8s 0.30nm
 POO 144.83 19 ePKP 59 44.00 3.0X
 GBA 150.54 16 PKP 59 56.00 5.9X
 S.D. = 1.1 on 19 of 31 obs.

* NOV 12, 1992 07h 57m 41.06±0.61s
 51.197 N ±13.8km 179.362 W ±7.2km
 DEPTH = 33.0km (normal)
 4.4mb (12 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)
 ML 4.5 (PMR).

ADK 1.81 67 eP 58 10.91 0.5
 S 58 33.91
 SVW 16.43 44 eP 01 32.63 2.1
 1.0s 39.53nm 4.5mb
 TTA 17.17 38 eP 01 40.96 1.2
 0.8s 4.16nm 3.6mb
 SLKM 18.67 49 eP 01 57.78 -0.5
 IMA 19.79 31 eP 02 11.20 0.0
 1.1s 14.30nm 4.2mb
 KLU 20.96 48 eP 02 22.79 -0.5
 TOA 21.00 46 eP 02 23.10 -0.6
 FBA 21.31 38 eP 02 24.88 -1.8X
 0.8s 3.88nm 3.9mb
 NEW 39.28 69 eP 05 07.00 -1.1
 1.0s 7.50nm 4.4mb
 SES 41.76 63 eP 05 28.00 -0.5
 BW06 46.70 72 eP 06 08.00 -0.5
 0.9s 4.94nm 4.5mb
 SRU 48.32 76 (P) 06 22.41 1.2
 PV10 49.68 76 eP 06 31.39 -0.4
 KAF 65.21 347 iP 08 19.50 -1.2
 0.5s 3.30nm 4.7mb
 NUR 66.98 347 eP 08 31.70 -0.3
 0.6s 7.10nm 4.9mb
 HFS 68.52 353 eP 08 39.90 -1.8
 0.4s 1.20nm 4.3mb
 GUN 71.60 292 P 09 01.96 0.6
 0.4s 55.00nm 5.9mb X
 KKN 72.04 292 P 09 04.26 0.4
 0.5s 13.00nm 5.2mb
 PKI 72.13 292 P 09 05.06 0.6
 GKN 72.25 293 P 09 05.30 0.3
 0.5s 15.00nm 5.3mb
 DMN 72.27 292 P 09 06.00 0.7
 GEC2 79.71 351 eP 09 46.60 -0.1
 0.6s 1.54nm 4.1mb
 WRA 81.64 223 P 09 57.20 0.2
 0.7s 0.30nm 3.4mb X
 S.D. = 0.9 on 22 of 23 obs.

NOV 12, 1992 08h 44m 30.36±0.66s
 16.700 N ±6.1km 61.959 W ±6.2km
 DEPTH = 10.0km (geophysicist)
 LEEWARD ISLANDS (92)
 ML 3.4 (FDF). MD 2.8 (TRN).

MGH 0.25 275 eP 44 36.19 0.6
 S 44 39.20
 BPA 0.36 16 eP 44 38.67 0.9
 eS 44 44.42
 SEG 0.53 124 eP 44 41.50 0.5
 PAG 0.72 158 eP 44 44.47 -0.1
 S 44 54.10
 NEV 0.73 307 eP 44 44.04 -0.6
 eS 44 53.14
 CPB 0.94 8 eP 44 47.62 -0.7

DEG 0.94 114 eP 44 59.47
 eS 44 47.82 -0.6
 45 00.60
 S.D. = 0.8 on 7 of 7 obs.

* NOV 12, 1992 09h 27m 41.94±0.87s
 18.199 N ±6.3km 145.128 E ±17.2km
 DEPTH = 262.8 ±10.1 km
 4.3mb (5 obs.)
 MARIANA ISLANDS (216)

NMCC 3.08 169 eP 28 56.00 19.5X
 eS 29 36.00
 GUMO 4.59 183 eP 28 53.60 -0.2
 1.0s 250.50nm
 eS 29 46.80
 PJG 4.59 183 eP 28 54.30 0.5
 GUA 4.64 183 eP 28 54.50 0.2
 0.6s 176.00nm
 KAKJ 18.46 347 eP 31 40.80 0.2
 CHJJ 18.59 344 P 31 42.10 0.1
 S 34 59.10
 MAT 19.27 343 iPc 31 48.50 -0.3
 MTMJ 19.42 342 eP 31 48.90 -1.6
 NIJJ 19.72 345 eP 31 53.80 0.5
 OFUJ 21.02 352 P 32 08.00 1.9
 SSE 25.20 305 P 32 50.70 5.1X
 WB2 39.35 196 iPc 34 47.50 -0.2
 0.9s 22.10nm 4.6mb
 ASPA 43.03 195 iPc 35 18.00 0.3
 0.5s 6.10nm 4.2mb
 iS 41 23.80
 RMQ 44.56 175 iPd 35 28.30 -1.4
 0.4s 4.00nm 4.1mb
 YAK 45.09 350 eP 35 31.20 -2.3
 0.8s 63.00nm 5.0mb
 DZM 45.13 152 iPc 35 32.80 -1.6
 MBL 46.31 213 eP 35 43.00 -0.6
 WARB 47.63 203 eP 35 55.20 1.4
 0.3s 3.00nm 4.1mb
 BONR 84.02 52 eP 39 44.65 -0.1
 SES 84.66 39 ePd 39 47.10 -0.2
 LRM 85.47 43 eP 39 51.40 -0.3
 ARUT 87.70 51 eP 40 02.33 -0.2
 MSU 88.36 50 eP 40 05.57 -0.2
 PV10 90.68 49 eP 40 17.39 0.8
 ZOBO 148.20 92 PKP 46 58.80 2.7
 LPB 148.27 92 ePKP 46 56.00 0.0
 CNCB 148.42 93 ePKP 46 57.00 0.6
 S.D. = 1.2 on 25 of 27 obs.

% NOV 12, 1992 09h 33m 12.97±1.03s
 37.047 N ±10.6km 28.692 E ±6.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.4 (ISK).

YER 0.34 285 iPg 33 20.00 0.0
 ELL 1.02 107 iPn 33 32.50 0.2
 eSg 33 48.00
 KHL 1.44 27 ePn 33 38.00 -1.1
 BCK 1.57 74 ePn 33 40.80 -0.2
 IZM 1.76 320 ePn 33 43.50 -0.3
 ALT 2.30 29 iPn 33 52.40 0.8
 DST 2.56 359 ePn 33 55.00 -0.2
 KCT 3.21 355 ePn 34 05.10 0.7
 S.D. = 0.7 on 8 of 8 obs.

% NOV 12, 1992 11h 00m 32.97±1.07s
 15.866 N ±18.8km 93.971 W ±9.4km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CHIAPAS, MEXICO (69)

SCX 1.55 56 eP 00 58.88 0.4
 iS 01 17.99
 TPX 1.91 120 (P) 01 03.50 -0.3
 iS 01 25.00
 OXX 2.90 295 iP 01 17.75 -0.4
 iS 01 48.50
 IISM 4.50 314 iP 01 39.00 -1.5
 PPM 5.47 306 eP 01 55.50 0.8
 III 5.82 296 (P) 02 00.50 1.0
 S.D. = 1.2 on 6 of 6 obs.

& NOV 12, 1992 11h 08m 48.06s
 35.756 N 117.605 W
 DEPTH = 4.9km

CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.1 (PAS). 2.6 (GS).

ISA 0.71 263 ePn 09 01.11 -1.2
 S 09 11.02
 GSC 0.79 125 iPd 09 02.95 -1.1
 SSK 1.54 183 ePn 09 15.87 -0.6
 S 09 36.60
 ABL 1.60 236 ePn 09 16.50 -0.8
 MTUM 1.77 334 ePn 09 19.06 -0.7
 S 09 45.02
 PEC 1.90 169 ePn 09 20.34 -1.1
 MRCM 2.04 340 ePn 09 23.76 0.0
 BCH 2.10 255 ePn 09 24.01 -0.5
 MPM 2.18 329 (Pn) 09 24.91 -0.8
 MEMM 2.19 331 (Pn) 09 24.13 -1.4
 BONR 2.26 346 ePn 09 26.59 -0.4
 ePg 09 30.67
 eS 09 56.37
 PHAM 2.27 273 eP 09 25.46 -1.4
 TNP 2.34 7 ePn 09 27.35 -0.7
 ePg 09 31.19
 PLM 2.47 165 ePn 09 28.87 -1.0
 CMB 3.18 316 (Pn) 09 38.05 -1.8
 15 obs. associated

? NOV 12, 1992 11h 14m 09.56±1.48s
 33.715 S ±13.1km 66.682 W ±14.1km
 DEPTH = 33.0km (normal)
 SAN LUIS PROVINCE, ARGENTINA (140)

MRA 1.54 32 e(P) 14 30.60 -4.3X
 S 14 58.00
 RFA 1.81 234 ePc 14 39.10 0.0
 S 15 02.30
 MDZ 2.00 294 e(P) 15 05.10 23.4X
 RTCV 2.42 319 ePd 14 47.30 -0.4
 S 15 14.80
 CFA 2.48 328 e(P) 14 49.00 0.5
 TCA 2.96 37 eP 14 55.30 0.0
 RTPR 3.41 2 e(P)d 15 07.70 6.1X
 S.D. = 0.6 on 4 of 7 obs.

% NOV 12, 1992 11h 37m 57.48±0.94s
 40.815 N ±6.8km 27.495 E ±10.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).

EDC 0.55 149 iPg 38 08.50 0.0
 BNT 0.56 145 iPg 38 08.50 -0.4
 eSg 38 16.50
 DMK 1.02 11 ePg 38 16.80 0.0
 eSg 38 30.80
 EZN 1.33 223 ePn 38 22.00 0.0
 DST 1.49 144 ePn 38 24.90 0.6
 S.D. = 0.5 on 5 of 5 obs.

* NOV 12, 1992 11h 58m 56.97±1.23s
 37.516 N ±11.2km 26.732 E ±7.7km
 DEPTH = 10.0km (geophysicist)
 DODECANESE ISLANDS (369)
 ML 3.8 (ATH). MD 3.8 (ISK).

IZM 0.97 25 iPg 59 15.00 -0.5
 YER 1.29 107 iPg 59 20.80 -0.2
 PRK 1.76 348 ePn 59 31.00 3.3X
 EZN 2.33 352 ePn 59 34.00 -1.9
 KHL 2.35 69 ePn 59 35.00 -1.3
 NPS 2.42 202 ePn 59 41.70 4.4X
 ATH 2.43 282 ePn 59 38.00 0.6
 DST 2.56 35 ePn 59 40.00 0.8
 EDC 2.96 17 ePn 59 45.00 0.1
 BNT 2.98 18 ePn 59 46.00 0.8
 KCT 3.01 24 ePn 59 47.60 2.1
 VLI 3.14 256 ePb 59 57.00 9.7X
 ALN 3.42 351 iP 59 49.96 -1.4
 GBZT 3.89 32 ePn 00 11.00 13.0X
 ITU 4.00 26 ePn 00 14.00 14.5X
 iSg 01 27.00
 EYL 4.05 40 ePn 00 01.00 0.6
 KNT 4.70 322 eP 00 09.84 0.2
 S.D. = 1.2 on 12 of 17 obs.

NOV 12, 1992 12h 05m 52.82±1.22s
 51.350 N ±11.9km 15.900 E ±6.0km
 DEPTH = 10.0km (geophysicist)

12d 12h

POLAND (548)						CTA						BRG					
ML 3.6 (GRF).																	
KSP	0.56	154	iPd	06 02.70	-1.6	CMS	33.03	260	iPd	51 13.50	0.2	BRG	1.2s	62.00nm			
	1.6s	879.00nm					0.8s	9.33nm		4.4mb			145.43	346 i(PKP)	04 00.20	1.2	
BRG	1.32	250	iPg	06 17.80	0.6	QLP	34.70	240	iPd	51 28.20	0.9	MOX	1.4s	48.00nm			
			iSg	06 38.20		TOO	0.5s	30.00nm		5.1mb		SRO	146.15	348 ePKP	04 02.00	1.8	
PRU	1.61	213	Pn	06 21.50	0.1	STK	35.16	249	iPd	51 31.40	0.3	GRF	146.90	339 iPKP	04 05.20	3.8X	
	0.5s	60.10nm					0.4s	58.00nm		5.5mb			147.14	348 iPKPc	04 05.70	3.9X	
			Pg	07 23.50		ASPA	36.91	230	iPc	51 47.10	1.7	SNF	147.25	356 PKP	04 08.60		
			e	07 27.10			1.0s	194.00nm		5.7mb		GEC2	147.37	345 ePKP	04 05.30	3.4X	
			Sg	07 47.00			38.30	241	iPd	51 58.30	1.4		0.8s	1.42nm	04 02.10	-0.2	
			i	07 55.00			0.3s	17.50nm		5.1mb		GEC2	147.37	345 ePKP	04 05.80	3.5X	
CLL	1.82	270	ePn	06 23.40	-1.0	WARB	44.40	254	iPd	52 45.60	0.0		0.7s	11.00nm	04 09.00		
			ePg	06 26.00			0.7s	90.30nm		5.4mb		DOU	147.64	356 PKP	04 06.60	4.0X	
			iSg	06 52.00				iS	58 38.50				0.8s	46.70nm			
VRAC	2.09	167	ePn	06 28.40	0.1	MBL	50.90	250	eP	53 34.00	-0.7	WLF	147.94	354 iPKPd	04 07.98	5.0X	
	0.6s	25.10nm				MAT	0.2s	6.00nm		4.7mb		CDF	149.04	352 ePKP	04 10.10	5.2X	
KHC	2.68	215	ePn	06 37.00	0.3	SDN	57.58	256	eP	54 19.00	-2.7	FLN	149.07	2 iPKPc	04 09.80	5.0X	
			e	06 42.80			67.54	324	iPc	55 24.50	-1.0	LDF	0.9s	43.25nm			
			e	06 47.00		ABL	0.8s	14.18nm		4.6mb		GRR	149.25	2 iPKPc	04 10.10	5.0X	
			eSn	07 11.80		PLM	74.49	11	eP	56 03.31	-2.2	SLE	149.43	3 iPKPc	04 10.80	5.4X	
			eSg	07 22.00		PEC	0.6s	35.92nm		5.0mb		HAU	0.9s	30.15nm			
OJC	2.72	113	eP	06 38.30	0.9	ISA	77.10	47	eP	56 21.31	0.6	BSF	149.67	352 ePKP	04 11.40	5.5X	
			iS	07 14.60		CMB	77.99	49	eP	56 25.78	0.3		0.6s	11.10nm			
HOF	2.75	249	ePn	06 37.40	-0.4		78.05	48	eP	56 25.99	0.1	LPF	149.78	3 iPKPc	04 11.70	5.8X	
MOX	2.80	257	ePn	06 38.30	-0.1		0.9s	12.72nm		4.4mb		OSS	150.22	347 PKP	04 13.43	6.6X	
			iPg	06 46.40		LGPM	78.15	40	ePc	56 26.73	0.7	SKO	150.29	329 iPKP	04 13.10	6.2X	
GEC2	2.88	210	Pn	06 39.80	0.1	ORV	78.81	44	eP	56 31.25	1.9	LOR	150.51	356 iPKPc	04 13.50	6.4X	
			Pg	06 46.00		MEMM	78.89	45	eP	56 30.76	0.6		0.6s	15.25nm			
WET	2.94	222	iPnc	06 41.00	0.6	MTUM	78.98	40	eP	56 31.07	0.5	VDL	150.55	348 PKP</			

52.919 N \pm 5.0km 176.104 W \pm 3.1km
 DEPTH = 228.1 \pm 5.4 km
 4.8mb (48 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.10	199 eP	45 15.18	-1.0
SMY	5.94	272 (P)	46 08.95	-1.2
SDN	9.48	69 eP	46 53.94	-1.7
ANM	12.91	21 (P)	47 42.55	3.5X
MCNL	13.65	54 eP	47 49.30	1.1
SVW	13.80	45 ePc	47 50.86	0.8
	1.0s	1528.55nm		6.3mb X
PDB	13.91	52 eP	47 52.79	1.4
CDD	13.92	55 eP	47 51.83	0.3
KDC	14.25	61 eP	47 53.40	-2.1
	0.5s	79.64nm		5.4mb
		eS	50 19.88	
OPT	14.33	53 eP	47 58.45	1.9
SYI	14.47	57 eP	47 57.24	-1.0
INW	14.51	51 eP	48 00.83	2.0
TTA	14.57	39 ePc	48 00.81	1.2
	1.0s	84.94nm		5.1mb
ILIM	14.60	51 eP	48 02.21	2.3
RDW	14.80	50 eP	48 05.11	2.6
CNPM	15.27	54 eP	48 07.68	-0.3
CRP	15.39	48 ePc	48 10.57	1.0
SPU	15.40	48 eP	48 09.88	0.3
SKT	15.94	46 eP	48 17.20	1.1
SLKM	16.03	51 eP	48 15.46	-1.7
SUA	16.09	48 eP	48 17.76	-0.3
SEW	16.29	53 eP	48 17.60	-2.7
PWA	16.55	48 eP	48 22.49	-0.8
PMS	16.56	49 eP	48 23.30	-0.2
PMR	16.86	48 eP	48 24.63	-2.0
	0.7s	38.25nm		4.9mb
		eS	51 28.29	
TRF	17.08	42 eP	48 29.51	0.4
KNK	17.12	49 eP	48 27.35	-2.0
IMA	17.27	32 ePc	48 31.89	0.8
	0.8s	92.16nm		5.3mb
RND	17.65	43 eP	48 35.08	0.0
SCM	17.76	49 eP	48 35.12	-1.1
KLU	18.31	50 eP	48 41.17	-0.8
TOA	18.36	48 ePc	48 43.00	0.6
WRH	18.40	40 eP	48 41.85	-0.9
CCB	18.59	40 eP	48 42.98	-1.7
FBA	18.70	39 eP	48 44.84	-1.0
	0.6s	74.60nm		5.4mb
SDG	18.76	47 eP	48 46.50	0.0
GLB	19.29	51 eP	48 51.31	-0.6
PRP	19.84	39 eP	48 56.28	-1.2
BALM	19.91	53 eP	48 57.73	-0.5
BRW	20.36	18 eP	49 03.08	0.7
FYU	20.40	36 eP	49 04.85	2.0
MBC	31.55	22 eP	50 47.00	2.1
	0.5s	6.00nm		4.5mb
YKA	32.97	49 eP	50 57.20	-0.1
	0.9s	53.30nm		5.2mb
GMW	33.86	77 iPc	51 05.61	0.5
BMW	34.13	79 iPc	51 07.90	0.4
RMW	34.48	77 iPc	51 10.68	0.2
KAKJ	34.72	259 P	51 13.10	0.6
NIJJ	34.73	261 P	51 13.30	0.8
LON	34.83	78 ePc	51 13.36	-0.1
SHW	34.87	79 ePc	51 14.57	0.8
CHJJ	35.53	260 P	51 20.00	0.7
MAT	35.66	261 iPc	51 20.90	0.4
	0.8s	9.70nm		4.4mb
MTMJ	35.88	262 eP	51 23.40	1.1
VGB	36.09	79 ePc	51 24.23	0.3
DPW	36.38	74 iPc	51 25.86	-0.6
NEW	36.82	73 iPd	51 29.50	-0.6
	0.9s	98.68nm		5.4mb
FHC	36.84	88 ePc	51 31.96	1.6
	1.0s	188.19nm		5.6mb
KMPM	37.00	88 iPc	51 33.24	1.6
LGPM	37.48	87 iPc	51 37.03	1.3
LBFM	37.78	85 iPc	51 39.65	1.2
WDC	37.85	87 iPc	51 39.99	1.2
	1.2s	117.54nm		5.3mb
LMEM	38.46	86 (P)	51 45.08	1.0
MIN	38.56	87 ePc	51 45.24	0.4
ORV	39.11	87 iPd	51 49.43	0.3
NTYM	39.14	90 eP	51 50.08	0.7
SES	39.21	67 ePc	51 48.50	-1.3
	0.5s	16.00nm		4.8mb
ZSP	39.67	90 ePc	51 54.04	0.3

BKS	39.73	90 iPc	51 54.80	0.6
HMR	39.81	89 eP	51 56.25	1.4
PCC	39.88	91 ePc	51 50.76	-4.7X
		i	51 55.91	
STAN	40.07	91 iPc	51 57.67	0.7
MHC	40.43	90 iPc	52 00.67	0.5
COE	40.47	90 ePc	52 00.99	0.7
ARN	40.49	90 iPc	52 00.98	0.4
CMB	40.75	88 iPc	52 03.27	0.7
LRM	40.82	73 iPc	52 02.40	-1.0
SAO	40.93	91 eP	52 04.30	0.2
PRS	41.26	91 iPc	52 07.49	0.7
LLA	41.33	91 iPc	52 08.44	1.1
KVN	41.48	86 eP	52 09.56	0.7
PR1	41.81	91 iPc	52 12.59	1.2
		i	52 18.21	
FRI	41.83	89 iPc	52 11.93	0.5
		i	52 30.58	
MMPM	41.84	88 iPc	52 12.90	1.0
MEMM	41.86	88 ePc	52 13.14	1.6
BONR	42.06	87 iPc	52 14.63	1.0
MRCM	42.12	87 iPc	52 14.99	1.0
PHAM	42.18	91 ePc	52 14.93	0.7
PKEM	42.20	90 eP	52 12.64	-1.8
MTUM	42.29	88 iPc	52 16.33	1.0
		(pP)	53 07.34	243kmX
		ePcP	54 02.77	
TNP	42.63	86 iPc	52 18.37	0.2
	0.6s	36.29nm		5.0mb
BCH	42.80	91 eP	52 20.07	0.6
HVU	42.99	79 iPc	52 20.95	0.0
ISA	43.46	90 iPc	52 24.24	-0.5
	1.1s	69.27nm		5.0mb
A8L	43.55	91 ePc	52 25.75	0.1
DUG	43.94	80 iPc	52 28.52	-0.1
	0.9s	51.75nm		4.9mb
BW06	44.28	75 iPc	52 30.39	-0.9
	0.9s	56.50nm		5.0mb
GSC	44.71	89 iPd	52 34.82	0.2
		eP	53 23.90	230kmX
		ePcP	54 13.05	
DAU	44.73	79 ePc	52 34.85	-0.2
SSK	44.91	91 eP	52 36.62	0.3
ARUT	45.10	84 ePc	52 37.40	-0.4
EMUT	45.37	79 eP	52 39.59	-0.4
MSU	45.39	82 iPc	52 40.36	0.2
		ePcP	54 15.76	
PEC	45.45	90 ePc	52 39.72	-0.7
	1.1s	18.83nm		4.4mb
SRU	45.99	80 eP	52 44.08	-0.8
PLM	46.00	91 eP	52 44.72	-0.2
RSSD	46.66	70 eP	52 48.38	-1.7
	0.4s	11.98nm		4.6mb
		ePcP	54 18.79	
PV10	47.35	80 iPd	52 55.79	0.2
GLA	47.44	89 eP	52 55.66	-0.3
ULM	47.46	59 ePc	52 57.00	1.1
GOL	48.66	76 ePd	53 05.22	-0.4
	0.9s	184.84nm		5.2mb
DAG	49.78	7 iPd	53 14.00	0.7
	0.6s	16.00nm		4.7mb
BTO	49.92	287 eP	53 15.40	0.5
ALO	51.19	81 eP	53 23.60	-1.1
	1.4s	57.46nm		4.9mb
		iPcP	54 36.74	
JAQ	54.83	46 eP	53 49.50	-1.4
GTA	56.52	293 P	54 02.40	-0.9
	0.5s	17.00nm		4.9mb
		pP	54 53.00	225kmX
LZH	56.54	287 P	54 03.50	0.0
	0.6s	34.00nm		5.2mb
SIO	56.63	73 eP	54 02.20	-1.7
TUL	56.81	73 eP	54 03.00	-2.2
	1.2s	69.00nm		5.2mb
VVO	57.24	73 eP	54 06.40	-1.8
EEO	58.28	54 eP	54 16.50	1.1
FVM	58.41	68 eP	54 13.66	-2.7
	0.5s	21.28nm		5.1mb
UYO	58.81	74 iPc	54 17.00	-2.1
ELC	59.58	67 eP	54 22.05	-2.2
OLY	59.58	70 eP	54 21.64	-2.7
CD2	60.27	283 eP	54 29.00	-0.1
GYA	61.79	277 P	54 39.00	-0.4
RSNY	62.00	52 eP	54 38.46	-2.0
	1.0s	16.84nm		4.7mb
CBM	63.16	47 eP	54 46.62	-1.4

TKL	1.1s	63.40nm		5.3mb
KAF	63.78	65 eP	54 50.44	-1.8
	63.95	348 iP	54 52.40	-0.5
	0.7s	7.70nm		4.6mb
MIM	64.04	49 (P)	54 52.67	-1.1
NAV	64.17	62 eP	54 54.36	-0.4
LMN	65.45	46 eP	55 04.00	1.2
NUR	65.71	349 eP	55 04.60	0.5
NB2	66.24	356 P	55 07.20	-0.4
	0.8s	6.00nm		4.4mb
HFS	67.03	355 eP	55 11.40	-1.1
	0.4s	3.70nm		4.5mb
GUN	72.79	293 P	55 48.02	-0.1
KKN	73.22	294 P	55 50.56	0.1
	0.5s	12.00nm		4.9mb
PKI	73.32	294 P	55 51.34	0.2
GKN	73.41	294 P	55 51.18	-0.3
DMN	73.46	294 P	55 52.76	0.9
	0.6s	11.00nm		4.7mb
GEC2	78.27	353 ePKP	56 18.50	0.2
	0.8s	1.94nm		3.9mb
LDF	78.81	3 eP	56 21.30	0.3
	0.4s	4.75nm		4.6mb
MAIO	78.89	317 eP	56 21.00	-0.8
GRR	78.99	3 eP	56 21.40	-0.6
	1.1s	30.50nm		4.9mb
CDF	79.01	358 eP	56 22.80	0.6
LPF	79.34	3 eP	56 23.60	-0.3
	0.8s	16.40nm		4.8mb
HAU	79.43	358 eP	56 25.00	0.6
	0.9s	10.95nm		4.6mb
BSF	79.60	358 eP	56 25.80	0.4
CTA	79.69	216 iPc	56 26.00	0.0
LOR	80.19	0 eP	56 29.10	0.7
	0.8s	6.05nm		4.4mb
SSF	80.40	0 eP	56 30.30	0.8
	0.6s	6.75nm		4.6mb
LBF	80.48	360 eP	56 30.50	0.6
	0.7s	4.30nm		4.3mb
AVF	80.67	0 eP	56 31.60	0.7
	0.4s	3.30nm		4.4mb
SMF	80.82	0 eP	56 32.50	0.8
	0.9s	17.85nm		4.8mb
BGF	80.90	1 eP	56 32.80	0.7
TCF	81.16	1 eP	56 34.00	0.5
	0.6s	3.70nm		4.3mb
LSF	81.19	2 eP	56 34.30	0.7
MAF	81.23	1 eP	56 34.90	1.0
	1.1s	14.90nm		4.6mb
WB2	84.27	226 iPc	56 48.80	-0.8
	0.9s	5.70nm		4.4mb
		i	57 43.70	
WRA	84.28	226 P	56 49.20	-0.4
	0.8s	2.30nm		4.0mb
SKO	84.28	347 iP	56 50.20	0.7
	1.2s	39.00nm		5.1mb
ASPA	87.75	225 iPd	57 06.00	-0.5
	0.8s	15.40nm		4.9mb
		iPcP	58 01.50	
		eS	07 10.30	
KIC	120.49	10 PKP	03 06.90	-1.5
LIC	120.60	10 PKP	03 07.10	-1.4
BCAO	121.54	343 iPd	59 43.50	4.9X
	1.0s	5.00nm		
MAW	148.72	219 iPKPd	04 03.00	4.6X
	0.9s	21.00nm		
		iPcP	05 02.80	
S.D. = 1.1 on 163 of 167 obs.				
? NOV 12, 1992 13h 56m 46.57 \pm 0.90s				
31.640 S \pm 10.3km 67.980 W \pm 9.2km				
DEPTH = 27.8 \pm 9.0 km				
SAN JUAN PROVINCE, ARGENTINA (137)				
CFA	0.22	279 iPc	56 52.90	0.0
		S	56 57.30	
MRA	2.08	112 ePd	57 20.70	0.5
		S	57 47.00	
TCA	2.91	85 eP	5	

12d 14h

DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

EDC 0.50 165 iPg 56 45.00 0.3
 iSg 56 52.00
 BNT 0.50 160 ePg 56 44.50 -0.3
 DMK 0.99 3 iPg 56 53.30 0.0
 eSg 57 07.30
 ISK 1.06 77 ePg 56 54.50 0.0
 S.D. = 0.4 on 4 of 4 obs.

NOV 12, 1992 15h 00m 38.79±0.25s
 53.767 S ± 6.0km 51.727 W ± 8.0km
 DEPTH = 10.0km (geophysicist)
 5.7mb (22 obs.) 5.9Msz (22 obs.)
 SOUTH ATLANTIC OCEAN (409)

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=157 Dip=90 Slip=-172
 NP2: 67 82 -360

Principal Axes:
 T P1g=6 Azm=292
 P 6 22

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

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 33S, 82C

Centroid Location:

Origin Time 15:00:47.2 0.2

Lat 53.69S 0.02 Lon 51.61W 0.03

Dep 15.0 FIX Half-duration 2.3

Moment Tensor: Scale 10¹⁷ Nm

Mrr=-1.31 0.14 Mtt=-6.80 0.16

Mff= 8.10 0.17 Mrt= 0.00 0.00

Mrf= 0.00 0.00 Mtf= 5.75 0.15

Principal Axes:

T Val= 10.06 P1g= 0 Azm=109

N -1.31 90 180

P -8.76 0 19

Best Double Couple: Mo=9.4×10¹⁷

NP1:Strike=154 Dip=90 Slip=-180

NP2: 244 90 0

AIA 13.12 204 eP 03 55.50 7.9X

LPA 19.35 344 iPd- 05 07.00 -0.1

0.9s 564.71nm 5.8mb

Z 20s 28.37um

RFA 22.35 321 ePc 05 38.00 -0.2

MRA 23.58 329 ePc 05 49.80 -0.3

TCA 24.26 332 iP 05 56.50 -0.3

PEL 24.64 319 iP+ 06 00.20 -0.3

0.7s 109.59nm 5.6mb

RTCV 25.00 324 iPd 06 02.50 -1.5

IHA 25.12 318 eP 06 05.00 0.0

CFA 25.13 325 e(P) 06 03.80 -1.4

RTLL 25.46 325 ePd 06 07.50 -0.9

RTPR 25.79 330 e(P)d 06 09.50 -1.8

TLL 27.35 322 iPd 06 24.50 -1.5

VAO 30.93 9 eP 06 57.60 -0.3

BMA 31.55 13 eP 07 05.10 1.8

e 07 14.70

NVL 32.13 146 eP 07 08.00 0.1

1.6s 207.00nm 5.8mb

Z 18s 16.00um 5.8Msz

N 15s 3.00um

E 18s 13.80um

ePP 08 11.00

ePPP 08 50.00

ePcP 09 14.00

eS 12 30.00

eSS 13 44.00

ANT 33.16 328 eP 07 10.00 -7.3X

SPA 36.42 180 iPd 07 45.20 0.1

1.0s 107.50nm 5.6mb

Z 20s 6.67um 5.4Msz

i 13 38.20

CCH 38.00 337 P 08 00.60 1.7

BDF 38.14 6 Pd 08 00.80 1.0

e 08 01.70

e 08 10.00

e 08 16.20

e 08 19.00

e 08 35.00
 e 08 48.00
 e 08 51.00
 e 09 07.00
 e 09 12.00
 e 09 34.00
 e 09 52.80
 e 10 01.20
 e 10 10.00
 e 10 14.50
 e 10 44.20
 e 11 01.80
 e 11 08.80
 e 11 28.20
 e 16 54.20
 BAO 38.16 6 Pd 08 01.10 1.1
 e 08 09.90
 e 08 12.80
 e 08 16.60
 e 08 20.20
 e 08 25.80
 e 08 29.70
 e 08 32.80
 e 08 36.90
 e 08 44.00
 e 09 16.90
 e 09 21.60
 e 09 25.00
 e 09 37.00
 e 09 41.90
 e 09 50.00
 e 09 53.00
 e 10 06.00
 e 10 12.70
 e 10 15.10
 e 10 19.00
 e 10 57.90
 SIV 38.40 345 P 08 05.40 3.5X
 CNCB 39.00 335 Pc 08 08.20 0.6
 LPB 39.29 335 P 08 11.00 1.1
 1.0s 100.00nm 5.4mb
 Z 17s 27.89um 6.2MszX
 e 17 02.00
 LR 21 14.00
 ZOBO 39.54 335 iPc 08 11.00 -1.1
 1.1s 67.00nm 5.2mb
 Z 22s 3.48um 5.2Msz
 LR 20 46.00
 PDCR 42.34 18 eP 08 35.80 1.4
 e 08 42.60
 e 08 50.60
 NNA 46.21 325 (P) 09 05.62 0.0
 1.0s 45.00nm 5.4mb
 Z 20s 10.28um 5.8Msz
 MAW 49.56 153 eP 09 32.00 0.9
 1.0s 25.00nm 5.2mb
 Z 15s 6.00um 5.7MszX
 BLE 52.22 98 iPc 09 52.00 0.2
 1.5s 888.89nm 6.5mb
 CER 52.98 98 iPd 09 57.00 -0.6
 1.2s 290.00nm 6.1mb
 SUR 54.58 98 eP 10 09.39 -0.1
 PSO 58.76 330 eP 10 43.00 3.4X
 DRV 59.57 185 eP 10 43.00 -1.2
 PP 13 05.00
 PPP 14 27.00
 S 19 00.00
 SS 22 21.00
 WIN 59.65 87 iPd 10 43.70 -1.9
 1.2s 167.19nm 6.0mb
 Z 18s 9.38um 5.9Msz
 BLF 60.12 99 iPd 10 47.60 -1.1
 0.8s 56.25nm 5.7mb
 CRZF 61.01 130 eP 11 10.00 15.7X
 ePP 13 09.00
 eS 19 19.00
 eSP 19 59.00
 eSS 23 07.00
 eSSS 26 17.00
 BOG 61.12 334 eP 11 06.00 10.2X
 eS 19 10.00
 BMG 63.23 336 eP 11 05.00 -4.6X
 SLR 63.87 98 iPc+ 11 11.50 -2.4
 1.0s 135.00nm 6.1mb
 Z 20s 9.22um 6.0Msz
 SDV 64.44 339 ePc 11 16.90 -0.7
 TRN 64.69 349 eP 11 22.50 3.6X

JOZ 64.80 102 iPd 11 10.50 -9.2X
 1.4s 162.79nm 6.0mb
 TOV 65.14 340 eP 11 21.50 -0.5
 CAR 65.31 344 iP 11 44.00 20.9X
 PAF 66.21 143 eP 11 45.00 16.6X
 eS 20 18.00
 eSS 24 33.00
 eSSS 27 36.00
 BUL 68.34 95 iPd 11 40.00 -2.5
 1.0s 81.00nm 5.9mb
 iPP 11 47.00
 iSKS 21 00.00
 CIR 69.42 98 iPd 11 48.70 -0.3
 iPP 11 56.00 23kmX
 iSKS 21 17.20
 PAG 70.03 350 eP 11 52.00 -0.6
 MGH 70.77 349 eP 11 59.11 2.1
 BPA 71.06 350 eP 11 59.52 0.7
 LIC 71.45 50 P 12 00.60 -0.6
 KIC 71.70 50 P 12 02.00 -0.7
 TIC 71.83 50 P 12 02.90 -0.6
 MBO 74.11 35 iP 12 18.60 1.9
 iS 21 52.10
 BCAO 82.06 71 iPd 13 01.50 0.9
 1.0s 120.00nm 5.9mb
 id 13 14.00
 ic 13 23.00
 LWI 82.60 84 iPd 13 06.30 2.6
 LWI 82.60 84 iP- 13 07.00 3.3X
 PPM 82.97 316 (P) 13 07.50 1.7
 MRX 84.62 314 (P) 13 16.50 3.1X
 TOO 87.82 194 iPd 13 30.60 1.4
 0.5s 19.00nm 5.7mb
 NAI 88.11 90 eP 13 21.00 -10.1X
 Z 20s 2.23um 5.6Msz
 PS 24 48.00
 PPS 25 24.00
 SS 28 38.00
 PKKP 30 18.00
 BFD 88.59 191 eP 13 33.70 0.8
 1.0s 45.00nm 5.7mb
 CNB 89.42 197 eP 13 38.40 1.4
 1.2s 111.00nm 6.0mb
 CAN 89.48 197 eP 13 36.70 -0.5
 CMS 93.75 195 eP 13 58.00 1.1
 MIAR 95.12 326 P 14 20.00 17.3X
 Z 20s 1.77um 5.5Msz
 MCWV 96.16 339 P 14 10.00 2.6
 Z 20s 4.21um 5.9Msz
 MEO 97.06 323 iPc 14 12.70 1.1
 FVM 97.30 330 P 14 30.00 17.5X
 Z 19s 4.30um 5.9Msz
 HRV 97.40 345 P 14 10.00 -2.9
 Z 21s 7.41um 6.1Msz
 RMQ 98.13 198 eP 14 15.00 -1.9
 RSNY 99.86 344 P 14 30.00 6.0X
 Z 20s 4.11um 5.9Msz
 CBM 101.29 349 Pd iff 14 30.00 -0.5
 Z 20s 9.45um 6.3Msz
 JFWS 101.81 332 Pd iff 14 40.00 7.1X
 Z 20s 4.30um 6.0Msz
 ASPA 102.74 185 iPd iff 14 37.30 -0.2
 1.6s 6.60nm 5.1mb
 SRU 105.44 316 (PKP) 19 07.66 4.6X
 ARUT 105.55 314 ePKP 19 12.20 9.0X
 ISA 106.03 309 PKP 19 20.00 15.9X
 Z 19s 2.36um 5.8Msz
 WB2 106.41 186 ePd iff 14 54.00 0.1
 0.6s 2.10nm 5.3mb
 WRA 106.41 186 Pd iff 14 54.20 0.3
 0.7s 0.90nm 4.9mb
 WRA 106.41 186 PKP 19 04.90 -0.2
 0.7s 0.90nm
 RSSD 107.27 323 PKP 19 10.00 3.7X
 Z 21s 2.75um 5.8Msz
 CMB 108.85 309 PKP 19 20.00 10.7X
 Z 20s 2.55um 5.8Msz
 WDC 111.89 309 PKP 19 30.00 15.1X
 Z 19s 2.34um 5.8Msz
 GEC2 116.17 42 ePKP 19 26.30 3.3X
 0.7s 1.85nm
 e 19 30.00
 e 19 33.80
 e 19 37.30
 e 19 47.10
 e 19 51.30
 CEI 118.94 48 ePd iff 16 01.00 12.0X

	123.55	115 PKP	19 37.00	-0.8			ePP	25 22.00			i	14 07.00		
NAO	124.57	32 Pd iff	16 26.70	13.1X	ZAK	164.30	92 ePKP	20 34.00	-8.2X	PSN	5.11	14 iPd	12 27.00 -1.1	
	0.6s	9.20nm				1.9s	58.00nm			SRN	5.18	285 eP	12 31.00 1.9	
HFS	124.97	34 ePKP	19 36.80	-2.5	IRK	165.52	86 ePKP	20 55.00	11.8X	KEK	5.31	283 ePn	12 33.20 2.3	
	0.4s	1.60nm				4.0s	0.29nm			PHP	5.51	304 eP	12 33.30 -0.5	
Z	20s	2706.00um		8.9MszX			e	25 39.00		BUC	5.70	357 ePd	12 32.00 -4.3X	
		LR	59 17.00		MDJ	170.80	186 PKP	20 51.00	4.0X	VLO	5.70	290 eP	12 38.00 1.7	
YKA	125.95	329 ePKP	19 40.60	-0.6		Z 20s	3.69um			TIR	5.74	299 eP	12 39.20 2.2	
	0.7s	4.90nm				N 20s	2.10um			LACI	5.97	301 eP	12 44.00 3.9X	
IPM	126.15	146 ePKPd	19 42.60	-0.5		E 20s	2.39um			PPCY	6.04	128 eP	12 39.60 -1.6	
HYB	127.29	114 ePKP	19 47.00	1.9	BOD	171.08	57 ePKP	20 54.60	8.0X			eS	13 50.80	
MAIO	130.38	81 ePd iff	16 46.00	5.7X		1.6s	27.00nm			BCI	6.11	309 eP	12 44.10 1.9	
MAIO	130.38	81 ePKP	19 51.00	0.4		S.D. = 1.3	on 84 of 135 obs.			KAS	6.16	62 eP	12 42.50 -0.5	
QUE	130.49	93 ePKP	19 51.40	0.3		NOV 12, 1992	15h 11m 09.66± 0.26s			DRA	6.19	345 iPc	12 42.00 -1.2	
ASH	130.84	79 ePd iff	16 35.50	-6.6X		38.721 N ± 3.2km	26.515 E ± 2.6km			PVY	6.30	310 iPd	12 46.03 1.0	
	1.0s	170.00nm				DEPTH = 10.0km	(geophysicist)			SDA	6.30	304 eP	12 47.10 2.2	
SDF	134.03	32 iPKP	19 57.70	1.3		4.4mb (26 obs.)				ISR	6.41	0 ePc	12 47.00 0.5	
KLU	136.63	316 ePKP	19 57.46	-4.2X		AEGEAN SEA	(365)			ULC	6.43	303 iPd	12 52.75 6.1X	
MBC	136.66	341 ePKP	20 04.00	2.8X		MD 4.6 (ISK), 4.6 (ATH). ML 4.6				IYA	6.51	312 iPd	12 46.90 -1.0	
	1.0s	8.00nm				(THE). Felt on Lesbos and Khios,				CFR	6.57	10 eP	12 46.00 -2.7	
TOA	137.04	317 ePKP	20 04.30	1.9		Greece.				BZK	6.58	58 ePn	12 50.00 1.2	
GUMO	137.82	204 e(PKP)	20 11.20	6.1X	PRK	0.56	340 iPg	11 21.00 0.0		CSS	6.63	122 eP	12 49.10 -0.4	
SLKM	137.96	313 ePKP	20 04.06	-0.1	IZM	0.67	119 iPg	11 24.10 1.1			eS	14 06.70		
PMR	138.01	315 ePKP	20 04.16	0.1	EZN	1.11	352 ePn	11 30.50 0.0		TTG	6.65	306 iPd	12 53.24 3.5X	
	Z 20s	2.77um		6.0Msz	DST	1.86	61 iPn	11 42.20 0.2		NKY	7.02	308 iPd	12 55.96 0.9	
CHG	138.44	136 ePKP	20 06.70	0.5	EDC	1.93	32 iPn	11 43.00 0.2		FAM	7.06	119 eP	12 58.20 2.7	
		e	21 51.20		BNT	1.96	33 iPn	11 42.50 -0.8			eS	14 24.00		
FBA	138.99	320 ePKP	20 05.39	-0.4	KCT	2.09	42 iPn	11 44.50 -0.6		VR1	7.15	1 ePc	12 56.00 -0.7	
		PP	23 03.38		YER	2.11	138 iPn	11 45.50 0.0		ADAT	7.18	101 eP	12 59.90 2.6	
DMN	139.04	112 PKP	19 59.32	-8.1X	ALN	2.20	351 iPn	11 46.85 0.1		GZR	7.22	339 ePd	12 55.50 -2.4	
SPU	139.07	313 ePKP	20 02.62	-3.5X	ATH	2.32	252 ePn	11 48.50 0.0		BIR	7.59	6 eP	13 03.00 0.2	
GKN	139.09	111 PKP	19 57.18	-10.2X	KHL	2.39	99 iPn	11 50.50 0.9		DEM	7.64	341 ePc	13 03.50 -0.1	
CRK	139.15	313 ePKP	20 04.97	-1.5	PAIG	2.51	300 ePn	11 50.98 -0.1		SIM	8.42	40 eP	13 13.00 -1.5	
PKI	139.18	113 PKP	19 59.26	-8.5X			iSn	12 24.78		Z	18s	1.60um		
KKN	139.28	112 PKP	20 00.04	-7.7X	ALT	2.83	82 ePn	11 56.90 1.1				eS	14 43.00	
GUN	139.70	113 PKP	19 59.12	-9.6X	KDZ	3.04	344 iPc	11 58.00 -0.7		KIS	8.47	11 iPd-	13 13.00 -2.2	
TTA	141.50	315 ePKP	20 08.91	-1.6	ISK	3.05	39 iPn	11 58.50 -0.3			0.8s	200.00nm	6.5mb X	
IMA	141.71	320 ePKP	20 05.37	-5.5X	GBZT	3.06	47 ePn	12 00.00 1.1		BHL	8.80	120 P	13 16.00 -3.9X	
LSA	143.95	117 ePKPc	20 12.71	-3.5X			ePg	12 09.00			S	15 43.00		
BRW	144.23	328 ePKP	20 14.00	-0.8			iSg	12 52.00		HVAR	8.82	304 iP	13 17.90 -2.2	
KMI	145.63	136 ePKPc	20 17.93	-1.0	SOH	3.21	312 iPn	12 01.32 0.1		ADI	9.03	126 eP	13 20.60 -2.5	
	Z 23s	2.90um		6.0MszX	DMK	3.24	17 iPn	12 00.80 -0.7		BMR	9.21	347 ePc	13 40.00 14.5X	
HKC	146.81	156 iPKP	20 23.50	2.9X	RZN	3.27	336 iPc	12 02.00 -0.1		ATZ	9.23	127 eP	13 22.90 -2.9	
GZH	147.35	154 ePKP	20 20.00	-1.4	AGG	3.28	277 ePn	12 02.14 0.0				eS	15 02.00	
ADK	147.39	290 ePKP	20 22.37	1.8			eSn	12 42.34		HLW	9.70	154 eP	13 31.50 -0.7	
GYA	148.36	141 PKP	20 26.00	2.8X			iSn	12 42.00		ANN	10.13	49 eP	13 39.00 0.9	
	Z 32s	1.91um		5.7MszX	SRS	3.28	318 ePn	12 01.73 -0.4		DSI	10.17	132 eP	13 36.50 -2.3	
	N 24s	3.14um					eSn	12 42.46		BUD	10.32	330 ePn	13 37.50 -3.2X	
	E 24s	2.01um					eSn	12 42.46		UZH	10.37	344 eP	13 46.00 4.7X	
		PKPab	20 35.20				ePn	12 01.73		Z	12s	7.70um		
		PP	24 04.00		ELL	3.33	125 iPn	12 05.00 2.0		N	12s	6.50um		
CD2	151.11	132 ePKP	20 32.80	5.7X	THE	3.34	306 ePn	12 02.10 -0.8		PSZ	10.38	334 ePd	13 39.20 -2.4	
WMQ	151.84	94 PKP	20 30.00	2.1			eSn	12 45.18		PTJ	10.60	316 eP	13 39.30 -5.4X	
	Z 22s	4.95um		6.3Msz	EYL	3.36	56 ePn	12 04.00 0.6		VBY	10.76	313 eP	13 47.00 0.3	
	N 20s	3.63um			DIM	3.41	348 iPc	12 04.00 0.1		SAGI	10.82	139 eP	13 43.50 -4.1X	
		SKS	27 35.00		LIT	3.41	295 ePn	12 03.89 -0.1			eS	15 38.50		
LZH	155.47	126 ePKP	20 27.50	-5.7X	BCK	3.45	110 iPn	12 05.40 0.8		SRO	10.87	329 eP	13 47.50 -0.7	
	Z 22s	2.28um		6.0Msz	VLI	3.47	236 iPn	12 03.50 -1.3		SPC	11.39	339 eP	13 54.90 -0.6	
	N 20s	1.95um			NPS	3.53	192 iPn	12 03.50 -2.1			e	17 36.80		
		PP	24 36.00		MMB	3.57	324 iPc	12 05.00 -1.3			e	20 51.00		
GTA	155.95	115 ePKP	20 33.60	-0.1	PLD	3.65	338 iPc	12 07.00 -0.4		VOY	11.84	312 e(P)	14 02.00 0.4	
	Z 24s	3.02um		6.0MszX	KNT	3.70	312 ePn	12 08.26 0.2		OJC	12.45	340 eP	14 10.10 0.5	
	E 18s	1.36um					eSn	12 53.21			e	18 16.00		
		PKPab	21 02.00		JMB	3.74	1 iP	12 08.00 -0.7		KIV	13.23	62 eP	14 32.30 12.2X	
		PP	24 37.00		GRG	3.87	306 ePn	12 10.82 0.2			(S)	16 54.90		
		SKKS	31 28.00		VAY	3.99	312 iPn	12 12.40 0.3		PYA	13.50	62 eP	14 31.00 7.3X	
XAN	155.99	137 ePKP	20 34.00	0.2			i	13 17.40		ERE	13.98	78 iP	14 32.00 2.0	
	Z 22s	2.19um		5.9Msz			i	13 23.00		Z	24s	1.50um		
		SKKS	31 34.00		KZN	4.00	295 iPn	12 12.50 0.2		KSP	14.11	333 eP	14 31.20 -0.4	
		SS	44 29.00		KKB	4.09	321 iP	12 13.00 -0.6		PRU	14.13	327 eP	14 36.50 4.7X	
TIY	160.58	139 ePKP	20 40.00	0.9	PGB	4.22	336 iPc	12 15.00 -0.5			Z	11s	4.70um	
	N 20s	2.07um			PVL	4.58	349 iPd	12 19.00 -1.5			N	12s	2.80um	
	E 22s	4.39um			VTS	4.61	328 iP	12 21.00 -0.1			E	10s	1.50um	
		PP	25 05.00		VLS	4.68	265 iPn	12 20.70 -1.4		MTA	14.29	72 eP	14 34.00 0.0	
TIA	160.80	152 PKP	20 40.50	1.3	LSK	4.80	289 eP	12 48.10 24.3X		WET	14.30	321 iPc	14 43.00 8.9X	
	Z 22s	2.56um			IGT	4.88	281 ePn	12 25.12 0.3		BRG	15.05	328 eP	14 52.50 8.7X	
	N 20s	2.24um			OHR	5.00	300 iPn	12 29.70 3.1X			2.0s	44.00nm	4.5mb	
	E 20s	3.59um					i	13 04.10		GRO	15.18	66 eP	14 31.00 -14.6X	
MAJO	161.44	206 (PKP)	20 21.81	-18.1X			i	14 02.10			N	16s	3.50um	
BTO	161.98	130 ePKP	20 40.00	-0.4	SKO	5.06	312 iPn	12 27.50 0.2			E	17s	2.00um	
	N 18s	1.95um					i	12 33.00		GRS	15.41	81 eP	17 34.00	
	E 18s	1.62um					i	12 56.50			1.5s	40.00nm	4.5mb	
		ePP	25 11.50				i	13 33.20			Z	11s	1.56um	5.3Msz
HHC	162.87	132 ePKP	20 48.80	7.5X			i	13 49.40				eS	17 46.00	
BJI	164.01	144 ePKR	20 52.50	10.2X			i	13 54.70		MMK	15.52	304 ePc	14 44.75 -5.6X	
	Z 20s	2.40um					i	13 54.70		CLL	15.77	327 iP	14 56.00 2.8	
	N 20s	1.77um												

12d 15h

2.1s 61.00nm 4.4mb
 ZLA 15.84 309 P 15 04.64 10.3X
 DIX 15.89 304 P 15 03.28 8.1X
 SLE 15.91 310 P 14 59.02 3.9X
 MOX 15.91 323 iPc 15 01.30 6.2X
 2.0s 76.00nm 4.5mb
 Z 13s 3.10um 5.8mszX
 N 19s 2.90um
 E 19s 2.60um
 eS 18 16.00
 LPG 16.13 301 eP 15 03.40 5.1X
 0.8s 20.40nm 4.3mb
 LPL 16.15 301 eP 15 03.90 5.4X
 0.7s 11.45nm 4.1mb
 CDF 16.94 311 eP 15 13.70 5.5X
 0.8s 9.25nm 4.0mb
 BSF 16.97 309 eP 15 14.90 6.3X
 0.8s 8.35nm 3.9mb
 HAU 17.31 309 eP 15 18.30 5.4X
 Z 18s 0.45um
 OBN 17.74 19 iPd 15 18.50 0.4
 e 18 36.00
 SMF 18.41 303 eP 15 30.60 4.1X
 0.9s 13.25nm 4.1mb
 LBF 18.43 304 eP 15 31.90 5.2X
 1.1s 17.60nm 4.1mb
 SSF 18.76 304 eP 15 35.70 5.0X
 0.7s 17.75nm 4.4mb
 AVF 18.78 303 eP 15 34.70 3.7X
 1.1s 26.35nm 4.4mb
 DOU 19.28 313 P 15 39.70 2.6
 e 21 02.00
 LDF 21.55 306 eP 16 02.60 1.5
 1.0s 27.60nm 4.6mb
 NUR 21.84 358 eP 16 02.60 -1.2
 0.7s 24.20nm 4.7mb
 GRR 21.96 305 eP 16 07.80 2.6
 0.9s 35.40nm 4.8mb
 LPF 21.99 304 eP 16 07.50 2.1
 0.8s 12.35nm 4.4mb
 HFS 22.92 343 eP 16 12.60 -1.9
 0.4s 2.90nm 4.1mb
 Z 15s 696.00um 7.2mszX
 LR 24 20.00
 KAT 23.10 79 iP+ 16 18.00 1.6
 e 20 31.00
 ePPP 21 10.00
 KAF 23.42 360 eP 16 19.90 0.5
 0.5s 4.10nm 4.2mb
 TOL 23.63 283 eP 16 26.00 4.4X
 IFR 26.01 268 iP 16 50.00 5.4X
 ARU 27.59 40 eP 16 58.00 -0.6
 e 17 57.00
 e 20 12.00
 e 21 27.00
 e 23 08.00
 e 27 37.00
 SVE 28.78 40 ePc 17 09.00 -0.4
 2.5s 50.00nm 4.9mb
 N 12s 0.50um
 E 12s 0.50um
 e 18 17.00
 BCAO 34.89 194 iPd 18 03.00 -0.4
 0.9s 27.00nm 5.1mb
 FRU 36.27 68 eP 18 16.00 1.1
 2.0s 90.00nm 5.3mb
 e 20 42.00
 e 23 51.00
 e 24 06.00
 KSH 38.01 73 eP 18 31.00 1.3
 PRZ 39.07 67 eP 18 42.00 3.4X
 ELT 42.72 50 eP 19 07.00 -1.1
 1.0s 26.00nm 4.9mb
 Z 18s 1.30um 4.9mszX
 e 20 53.00
 e 29 10.00
 TIC 42.78 230 P 19 08.20 -1.0
 KIC 42.84 229 P 19 08.40 -1.2
 DAG 42.86 346 eP 19 11.20 2.1
 1.0s 10.00nm 4.5mb
 Z 20s 3.83um 5.3msz
 N 20s 1.70um
 E 21s 1.43um
 NDI 42.88 88 eP 19 10.00 0.1
 LIC 43.12 230 P 19 10.50 -1.4
 NRI 44.41 26 iPc 19 23.50 1.8
 1.4s 23.00nm 4.9mb

Z 22s 15.00um 5.9msz
 E 22s 10.00um
 e 21 12.00
 WMO 45.35 63 P 19 30.00 0.3
 Z 22s 3.63um 5.3msz
 N 20s 4.95um
 POO 45.59 102 iPc 19 31.50 -0.3
 HHC 62.80 58 eP 21 31.60 -6.1X
 1.4s 50.00nm 5.5mb X
 N 12s 0.38um
 E 12s 0.44um
 S 30 09.00
 IMA 75.54 0 eP 22 55.19 -0.5
 0.9s 3.14nm 4.4mb
 FBA 76.62 358 (P) 23 06.05 4.4X
 0.7s 2.44nm 4.4mb
 WRA 115.88 95 PKP 29 53.30 -1.2
 0.8s 0.60nm
 ASPA 117.58 99 ePKP 29 57.60 -0.1
 0.6s 2.00nm
 S.D. = 1.3 on 112 of 149 obs.
 NOV 12, 1992 15h 19m 10.14 ± 0.28s
 38.717 N ± 3.0km 26.527 E ± 3.0km
 DEPTH = 10.0km (geophysicist)
 4.1mb (6 obs.)
 AEGEAN SEA (365)
 MD 4.4 (ATH), 4.2 (ISK), ML 4.3
 (THE). Felt on Lesbos and Khios, Greece.
 PRK 0.56 339 iPg 19 22.80 1.2
 IZM 0.66 119 iPg 19 24.80 1.5
 EZN 1.12 352 iPn 19 30.00 -1.1
 DST 1.86 61 iPn 19 42.70 0.4
 EDC 1.93 32 iPn 19 44.00 0.7
 KCT 2.08 42 iPn 19 46.00 0.4
 YER 2.10 138 iPn 19 46.00 0.1
 ALN 2.21 350 ePn 19 47.78 0.4
 eSn 20 17.30
 ATH 2.33 252 ePn 19 53.50 4.4X
 PAIG 2.52 300 ePn 19 53.06 1.3
 eSn 20 25.11
 ALT 2.82 82 iPn 19 57.40 1.3
 ISK 3.05 39 iPn 19 59.00 -0.2
 KDZ 3.05 344 iPc 19 59.00 -0.3
 GBZT 3.06 46 ePn 20 00.00 0.7
 ePg 20 09.00
 iSg 20 52.00
 ITU 3.06 38 ePn 20 02.00 2.6
 iSg 20 50.00
 SOH 3.22 312 ePn 20 02.22 0.4
 eSn 20 43.18
 DMK 3.24 16 iPn 20 01.30 -0.7
 RZN 3.28 336 iPc 20 03.00 0.3
 AGG 3.29 277 ePn 20 02.82 0.0
 eSn 20 44.62
 SRS 3.29 318 ePn 20 02.42 -0.4
 eSn 20 42.22
 ELL 3.32 125 iPn 20 05.50 2.1
 THE 3.35 306 ePn 20 04.26 0.7
 eSn 20 45.78
 EYL 3.36 55 ePn 20 04.50 0.7
 DIM 3.41 347 iPc 20 04.00 -0.5
 LIT 3.42 295 ePn 20 05.82 1.2
 BCK 3.44 110 iPn 20 05.90 1.0
 VLI 3.48 236 iPn 20 05.00 -0.4
 NPS 3.52 192 iPn 20 06.00 -0.1
 MMB 3.58 324 iPc 20 06.00 -0.9
 PLD 3.66 338 iPc 20 08.00 0.0
 KNT 3.71 312 ePn 20 09.02 0.3
 eSn 20 53.78
 JMB 3.75 1 iP 20 08.00 -1.2
 GRG 3.88 306 iPn 20 12.46 1.3
 iSn 20 58.30
 VAY 4.00 312 iPn 20 14.00 1.3
 iSn 21 21.50
 KZN 4.01 295 ePn 20 19.00 6.0X
 PGB 4.23 336 iPc 20 15.00 -1.1
 PVL 4.59 349 iP 20 20.00 -1.1
 VTS 4.62 328 iPc 20 22.00 0.3
 OHR 5.01 300 ePn 20 33.80 6.6X
 SKO 5.07 312 iPn 20 26.80 -1.1
 i 20 32.70
 i 21 26.30
 i 21 45.00
 LR 22 38.00

PSN 5.12 14 iPd 20 28.00 -0.6
 PPCY 6.03 128 eP 20 41.00 -0.5
 eS 21 53.00
 ISR 6.42 0 ePc 20 50.00 3.0X
 CFR 6.58 10 ePc 20 48.00 -1.2
 CSS 6.62 122 eP 20 49.00 -0.9
 eS 22 08.10
 MLR 6.78 357 iPc 20 52.00 -0.2
 VRI 7.15 1 ePd 20 57.00 -0.2
 BIR 7.59 6 eP 21 04.00 0.6
 DEV 7.65 341 ePd 21 05.00 0.8
 CLI 7.85 4 ePc 21 07.00 0.0
 KIS 8.47 11 eP 21 15.00 -0.7
 ADI 9.02 126 eP 21 19.90 -3.5X
 JVI 9.89 131 eP 21 31.60 -3.8X
 SAGI 10.81 139 eP 21 45.90 -2.1
 eS 23 36.60
 GEC2 13.70 322 ePn 22 36.70 9.8X
 1.2s 12.37nm 4.7mb
 e 22 40.10
 e 22 46.60
 BRG 15.06 328 eP 22 52.80 8.4X
 Z 18s 2.00um
 N 18s 2.00um
 E 18s 1.00um
 MOX 15.92 323 eP 23 05.30 9.6X
 LPG 16.14 301 eP 23 08.70 9.8X
 0.8s 8.20nm 3.9mb
 SSF 18.77 304 eP 23 41.60 10.3X
 0.8s 7.95nm
 AVF 18.79 303 eP 23 36.80 5.2X
 0.8s 6.05nm 3.9mb
 BGF 19.05 302 eP 23 25.90 -9.0X
 0.7s 8.80nm 4.1mb
 NAO 24.21 341 P 24 26.70 -0.8
 0.6s 1.40nm 3.7mb
 BCAO 34.89 194 iPc 26 04.20 0.3
 0.9s 23.00nm 5.1mb
 GKN 48.98 84 P 27 58.20 -0.7
 DMN 49.53 85 P 28 02.80 -0.5
 KKN 49.58 84 P 28 02.50 -1.2
 PKI 49.78 84 P 28 04.80 -0.6
 GUN 49.99 84 P 28 06.00 -1.0
 GBA 51.38 105 P 28 16.00 -0.6
 WRA 115.87 95 PKP 37 53.80 -1.2
 0.7s 0.30nm
 S.D. = 1.0 on 57 of 70 obs.
 % NOV 12, 1992 15h 25m 51.84 ± 2.21s
 38.705 N ± 10.5km 26.410 E ± 21.1km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.3 (ISK).
 IZM 0.74 114 iPg 26 07.00 0.7
 eSg 26 17.00
 EZN 1.12 357 iPn 26 13.00 0.2
 DST 1.94 62 ePn 26 24.20 -1.1
 EDC 1.99 34 ePn 26 26.00 0.1
 BNT 2.02 35 ePn 26 25.60 -0.7
 KCT 2.16 44 ePn 26 29.50 1.2
 YER 2.16 136 ePn 26 28.00 -0.4
 S.D. = 1.0 on 7 of 7 obs.
 • NOV 12, 1992 15h 47m 43.77 ± 1.63s
 38.778 N ± 8.5km 26.842 E ± 18.9km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.5 (ISK).
 IZM 0.50 139 iPg 47 54.60 0.6
 iSg 48 04.60
 DST 1.62 59 ePn 48 13.70 1.3
 EDC 1.75 26 iPn 48 13.00 -1.4
 BNT 1.78 28 ePn 48 14.00 -0.8
 KCT 1.88 38 iPn 48 16.50 0.3
 YER 2.00 145 ePn 48 17.00 -1.0
 ALN 2.20 344 iP 48 21.89 1.0
 eS 48 52.16
 KNT 3.85 309 iP 48 55.78 11.4X
 S.D. = 1.3 on 7 of 8 obs.
 % NOV 12, 1992 15h 58m 22.89 ± 1.86s
 38.716 N ± 9.2km 26.448 E ± 17.1km
 DEPTH = 5.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ISK).

IZM 0.71 116 ePg 58 37.00 -0.2
 EZN 1.11 355 iPn 58 44.00 -0.2
 DST 1.91 62 ePn 58 56.00 -0.5
 EDC 1.96 33 iPn 58 57.00 -0.1
 BNT 1.99 34 ePn 58 57.50 -0.1
 KCT 2.13 43 iPn 59 00.50 0.9
 YER 2.14 137 ePn 59 00.00 0.1
 S.D. = 0.6 on 7 of 7 obs.

* NOV 12, 1992 16h 02m 49.71 ± 1.44s
 11.812 N ± 10.1km 125.594 E ± 16.6km
 DEPTH = 57.7 ± 11.2 km
 4.4mb (4 obs.)

SAMAR, PHILIPPINE ISLANDS (251)

PLP 0.88 223 iPc 03 05.50 -0.7
 CGP 3.45 195 iPc 03 43.00 0.8
 BIP 3.62 170 ePd 03 45.00 0.4
 CVP 6.90 329 eP 04 30.50 -0.1
 WB2 32.71 165 eP 09 17.60 -1.4
 ASPA 36.18 167 eP 09 49.10 0.3
 GUN 40.43 299 P 10 25.00 0.5
 PKI 40.74 299 P 10 27.10 -0.1
 KKN 40.91 299 P 10 28.22 -0.2
 DMN 41.01 299 P 10 29.58 0.3
 GKN 41.51 299 P 10 33.38 0.1
 STK 46.07 161 eP 11 10.10 0.4
 S.D. = 0.7 on 12 of 12 obs.

% NOV 12, 1992 16h 03m 26.05 ± 0.76s
 43.090 N ± 11.3km 0.617 W ± 5.0km
 DEPTH = 5.0km (geophysicist)

PYRENEES (378)
 ML 1.0 (STR).

ESCF 0.03 111 Pg 03 27.15 -0.2
 ATE 0.06 266 Pg 03 27.56 -0.1
 OGE 0.13 53 Pg 03 28.99 0.2
 ISSF 0.14 245 Pg 03 29.38 0.3
 MADF 0.16 291 P 03 29.21 -0.2
 S.D. = 0.3 on 5 of 5 obs.

% NOV 12, 1992 16h 18m 28.42 ± 1.28s
 31.360 S ± 14.1km 68.096 W ± 12.1km
 DEPTH = 33.0km (normal)

SAN JUAN PROVINCE, ARGENTINA (137)

CFA 0.27 206 iPd 18 36.00 0.1
 RTCV 0.62 217 iPc 18 40.80 -0.1
 RTPR 1.72 53 ePc 18 56.80 0.3
 MRA 2.29 118 ePc 19 05.20 0.7
 TCA 3.00 90 eP 19 14.00 -0.8
 RFA 3.42 185 ePd 19 20.60 -0.1
 S.D. = 0.6 on 6 of 6 obs.

& NOV 12, 1992 16h 26m 32.77s
 34.160 N 116.415 W
 DEPTH = 1.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PEC 0.67 247 iPc 26 45.47 -0.8
 PLM 0.89 205 iPd 26 49.44 -1.2
 SSK 1.06 273 iPc 26 52.70 -1.0
 GSC 1.18 344 iPc 26 54.80 -0.9
 GLA 1.73 129 (P) 27 05.46 1.4
 ISA 2.26 312 ePn 27 12.55 0.7
 ABL 2.42 287 (P) 27 12.92 -1.3
 7 obs. associated

% NOV 12, 1992 16h 28m 00.38 ± 2.36s
 38.689 N ± 10.8km 26.342 E ± 22.1km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ISK).

IZM 0.78 112 iPg 28 16.00 0.4
 EZN 1.14 359 iPn 28 22.10 0.5
 DST 2.00 62 ePn 28 34.60 0.0
 EDC 2.03 35 iPn 28 35.00 0.0
 BNT 2.06 36 ePn 28 34.00 -1.5
 YER 2.18 135 ePn 28 37.00 -0.3
 KCT 2.20 44 ePn 28 38.50 0.9
 S.D. = 1.0 on 7 of 7 obs.

* NOV 12, 1992 16h 50m 32.72 ± 0.65s
 11.863 N ± 10.3km 87.340 W ± 14.1km
 DEPTH = 33.0km (normal)
 4.5mb (5 obs.)

NEAR COAST OF NICARAGUA (74)

JSC 22.99 13 eP 55 36.43 0.8
 UYO 23.13 345 iPc 55 37.90 0.9
 LHS 23.29 14 eP 55 38.41 0.0
 TKL 23.91 7 ePd 55 43.82 -0.7
 VVO 24.58 343 eP 55 52.70 1.7
 FNO 25.01 340 iPc 55 54.90 -0.3
 CEH 25.06 16 eP 55 55.45 -0.1
 SIO 25.12 343 eP 55 55.50 -0.7
 TUL 25.13 344 eP 55 56.10 -0.2
 OCO 25.28 340 iPc 56 12.50 14.8X
 ELC 25.37 356 eP 55 57.30 -1.2
 ACO 26.92 339 e(P) 56 13.10 0.2
 ALQ 28.80 326 eP 56 30.90 0.8
 LVNJ 30.88 19 P 56 47.26 -1.1
 TBR 31.36 19 (P) 56 54.65 2.1
 ZOBO 33.81 145 eP 57 14.00 -0.9
 LPB 34.03 146 eP 57 17.00 0.5
 SRU 34.06 327 ePc 57 15.63 -0.7
 CNCB 34.32 146 eP 57 22.00 2.8X
 RSNY 34.38 16 eP 57 16.50 -2.3
 MSU 34.55 324 eP 57 20.44 -0.2
 EMUT 34.73 327 eP 57 22.08 -0.1
 ARUT 34.80 322 eP 57 23.19 0.5
 RSSD 35.21 339 eP 57 27.90 1.7
 DAU 35.40 328 eP 57 27.83 -0.1
 BW06 36.35 332 eP 57 34.50 -1.3
 HVU 37.18 328 eP 57 43.09 0.4
 LRM 40.02 333 eP 58 06.00 -0.5
 LBFM 42.14 320 eP 58 24.92 1.0
 DPW 44.21 330 eP 58 38.62 -1.9
 WB2 139.19 253 ePKP 09 54.00 -5.0X
 WRA 139.21 253 PKP 09 56.00 -3.0
 CHG 148.89 348 ePKPc 10 16.50 1.0
 LOE 149.57 343 ePKP 10 18.60 2.1
 GBA 150.54 31 PKP 10 20.00 2.0
 S.D. = 1.3 on 32 of 35 obs.

NOV 12, 1992 16h 53m 08.13 ± 0.25s
 5.222 S ± 4.7km 152.606 E ± 5.6km
 DEPTH = 21.3km (4 depth phases)
 5.1mb (19 obs.) 4.9Msz (14 obs.)
 NEW BRITAIN REGION, P.N.G. (192)

RAB 1.11 337 iPc+ 53 30.60 2.1
 HNR 8.40 120 eP 55 10.00 -1.6
 CTA 16.02 202 e(PKP) 57 00.00 6.1X
 QIS 19.80 218 eP 57 40.00 -0.3
 DZM 21.45 143 iPd 57 58.90 1.5
 RMQ 21.47 189 eP 57 57.00 -0.5
 MTN 22.51 249 eP 58 09.00 1.1

QLP 22.70 200 eP 58 11.00 1.3
 WB2 23.01 229 eP 58 12.40 -0.5
 WRA 23.02 229 P 58 13.10 0.1
 KNA 25.64 244 eP 58 38.00 -0.1
 ASPA 25.71 223 iPc 58 38.10 -0.7
 Z 0.6s 13.70nm 4.8mb
 24s 1.40um 4.4MszX
 CMS 26.89 193 eP 58 50.20 0.6
 WARB 32.41 227 eP 59 48.00 9.1X
 MBL 35.51 240 eP 00 02.00 -3.7X
 BAG 38.28 305 eP 00 30.00 0.7
 MRWA 42.04 231 eP 00 59.40 -0.6
 WHN 51.03 317 eP 02 11.00 0.1
 TIA 52.94 324 eP 02 24.00 -1.3
 GYA 54.50 308 P 02 37.00 0.0
 CN2 54.60 336 eP 02 40.00 2.7X
 HON 55.13 60 P 02 40.00 -1.6
 TIY 56.74 322 eP 02 53.20 0.2
 XAN 56.79 317 P 02 52.50 -0.9
 KMI 57.06 304 Pc 02 55.50 -0.2
 CHG 57.99 296 eP 03 02.00 -0.1
 CD2 58.86 311 eP 03 07.50 -0.5
 HHC 59.28 325 eP 03 10.20 -0.6
 BTO 60.02 323 eP 03 15.50 -0.4
 LZH 61.40 316 Pc 03 25.40 0.0
 Z 1.5s 54.00nm 5.5mb
 19s 0.55um 4.7Msz
 E 12s 0.27um 0.3 31.00 18km
 pP 03 36.00
 sP 03 54.40 -0.1
 GTA 65.83 317 P 04 00.50 20km
 LSA 68.32 305 iPc 04 10.00 0.0
 GUN 72.17 301 P 04 33.24 -1.0
 PKI 72.48 301 P 04 34.64 -1.4
 KKN 72.65 301 P 04 35.76 -1.1
 DMN 72.75 301 P 04 36.74 -0.8
 GKN 73.26 301 P 04 39.34 -1.0
 WMQ 75.92 317 P 04 56.00 0.8
 SVV 77.28 23 eP 05 02.93 0.5
 TTA 78.23 21 eP 05 07.97 0.3
 SPU 78.73 24 eP 05 10.09 -0.4
 SLKM 79.13 25 ePc 05 11.95 -0.6
 PMR 80.15 24 ePc 05 17.17 -0.8
 IMA 80.92 19 ePc 05 22.40 0.2
 KLU 81.44 25 ePc 05 25.00 0.1
 TOA 81.62 25 eP 05 27.30 1.5
 FBA 82.35 22 eP 05 28.21 -1.3
 BALM 82.79 26 eP 05 32.18 0.2
 KSH 83.04 311 P 05 36.00 2.2
 SPA 84.81 180 iPd 05 42.70 0.5
 QUE 88.85 300 eP 06 03.40 0.7
 WDC 89.46 49 P 06 10.00 4.9X
 CMB 90.83 52 P 06 20.00 8.4X
 ISA 92.13 55 P 06 20.00 2.4X
 SSK 92.65 56 (P) 06 14.25 -6.0X
 MAIO 95.56 306 eP 06 33.00 -0.5
 ALQ 101.93 56 Pd diff 07 10.00 7.6X
 GOL 102.57 51 Pd diff 07 10.00 4.8X
 Z 21s 0.54um 5.0Msz

12d 17h

RSSD	103.20	46	Pdiff	07	10.00	2.1
Z	20s		0.31um			4.8msz
MIAR	112.52	55	PKP	11	50.00	5.0X
Z	20s		0.26um			4.8msz
JFWS	113.27	45	PKP	11	50.00	3.8X
Z	19s		0.46um			5.1msz
RSNY	123.20	39	PKP	12	10.00	4.9X
Z	19s		0.21um			4.8msz
CEH	123.64	50	PKP	12	10.00	3.8X
Z	18s		0.20um			4.8msz
GEC2	124.31	328	ePKP	12	07.40	0.1
	1.1s		3.38nm			
			e	12	13.40	
			e	12	18.40	
			e	12	22.00	
			e	12	25.50	
			e	12	31.60	
HRV	126.10	40	PKP	12	20.00	9.2X
Z	19s		0.27um			4.9msz
BCAO	134.23	271	ePKPc	12	26.70	-0.5
	0.3s		3.00nm			
			id	15	09.90	
CNCB	134.30	119	ePKP	12	23.00	-4.8X
LPB	134.31	119	ePKP	12	23.00	-4.7X
ZOBO	134.39	119	PKP	12	28.00	-0.1
IFR	145.05	326	iPKPd	12	47.50	1.1
TRN	145.91	79	ePKP	12	49.00	1.0
VAO	146.05	146	ePKP	12	44.10	-4.1X
AVE	146.44	329	iPKP	12	51.00	2.6X
TIO	148.19	326	iPKP	12	57.50	6.0X
BAO	150.92	136	PKPc	13	02.10	6.1X
			e	13	04.80	
			e	13	10.00	
			e	13	16.10	
ANTZ	151.51	326	iPKP	13	04.50	8.0X
			i	13	10.50	

S.D. = 0.9 on 54 of 76 obs.

NOV 12, 1992 17h 48m 22.01± 0.39s
 38.723 N ± 4.0km 26.496 E ± 4.0km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.8 (ATH), 3.7 (ISK).

PRK	0.55	342	iPg	48	34.50	1.3
IZM	0.68	118	iPg	48	36.60	1.0
			eSg	48	46.60	
EZN	1.11	353	iPn	48	42.10	-0.7
EDC	1.94	33	iPn	48	55.50	0.2
BNT	1.97	34	iPn	48	54.50	-1.2
KCT	2.10	43	iPn	48	58.50	0.9
YER	2.12	138	ePn	48	58.00	-0.1
ALN	2.20	351	ePn	48	59.52	0.5
			eSn	49	34.00	
ATH	2.31	252	ePb	49	05.80	5.1X
KHL	2.41	99	ePn	49	03.00	0.8
PAIG	2.49	300	ePn	49	06.40	3.1X
ALT	2.84	82	iPn	49	08.50	0.2
KDZ	3.04	345	iPc	49	11.00	0.0
ISK	3.06	39	ePn	49	09.50	-1.7
ITU	3.07	38	ePn	49	20.00	8.6X
			iSg	50	01.00	
GBZT	3.07	47	iPd	49	21.00	9.6X
SOH	3.20	312	ePn	49	14.20	0.8
DMK	3.24	17	ePn	49	12.80	-1.1
RZN	3.26	336	iPc	49	15.00	0.7
AGG	3.27	277	ePn	49	12.00	-2.3
SRS	3.27	318	ePn	49	14.80	0.4
DIM	3.40	348	iP	49	16.00	-0.2
VLI	3.46	236	ePn	49	16.00	-1.0
BCK	3.47	110	ePn	49	17.00	-0.2
NPS	3.53	192	ePn	49	19.00	1.1
MMB	3.56	324	iP	49	18.00	-0.5
PLD	3.64	339	iP	49	20.00	0.4
KNT	3.69	313	ePn	49	21.44	1.2
JWB	3.74	1	iP	49	20.00	-1.0
GRG	3.86	307	ePn	49	24.37	1.6
VAY	3.98	312	iPn	49	26.00	1.7
			i	49	39.40	
KKB	4.08	321	iP	49	26.00	0.2
PGB	4.21	336	iP	49	27.00	-0.7
PVL	4.57	349	iP	49	32.00	-0.8
VTS	4.60	328	iP	49	34.00	0.6
SKO	5.04	312	ePn	49	38.00	-1.5
MLR	6.78	357	iPc	50	04.00	0.0
BCAO	34.89	194	iPd	55	14.50	-1.2
	1.2s		7.00nm			4.4mb

S.D. = 1.0 on 34 of 38 obs.

NOV 12, 1992 18h 53m 56.07± 0.39s
 42.996 N ± 3.5km 111.562 W ± 4.8km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.2 (GS), 3.4 (BUT).

PTI	0.61	258	eP	54	08.29	0.1
			eS	54	18.86	
			S	54	09.11	-0.4
			S	54	19.98	
BW06	1.49	98	eP	54	22.50	-1.3
HVU	1.51	217	eP	54	23.80	-0.2
LTMT	1.58	346	ePn	54	23.50	-1.6
TPMT	1.73	358	ePn	54	26.90	-0.4
MCMT	2.05	334	ePn	54	31.90	0.0
BGMT	2.26	351	ePn	54	35.40	0.5
DAU	2.59	175	eP	54	40.11	0.4
			S	55	19.53	
MEMT	2.64	9	ePn	54	40.60	0.3
LCCM	2.85	356	ePn	54	45.20	2.0X
HBMT	2.90	345	ePn	54	45.40	1.5
LRM	2.90	348	ePn	54	46.50	2.6X
DUG	2.95	199	eP	54	44.94	0.3
BUT	3.10	347	ePg	54	54.30	7.6X
			eSg	55	30.90	
EMUT	3.23	170	eP	54	48.56	-0.1
			eS	55	36.79	
SRU	3.96	168	eP	54	58.76	-0.2
MSU	4.50	186	eP	55	06.90	0.2
RSSD	5.58	76	(Pn)	55	23.00	0.9
GOL	5.78	123	(P)	55	26.96	3.2X

S.D. = 0.8 on 16 of 20 obs.

NOV 12, 1992 19h 28m 17.11± 0.74s
 41.732 N ± 6.4km 19.508 E ± 6.5km
 DEPTH = 10.0km (geophysicist)
 ALBANIA (391)
 ML 2.8 (TIR), 2.5 (TTG).

LACI	0.18	122	iPg	28	21.00	-0.1
			iSg	28	25.00	
ULC	0.30	320	iPg	28	22.79	-0.6
			iSg	28	27.75	
SDA	0.32	359	ePg	28	24.26	0.5
			iSg	28	30.20	
TIR	0.47	145	ePg	28	26.70	0.1
			iSg	28	33.20	
PHP	0.70	94	iPg	28	29.40	-1.6
			iSg	28	41.40	
TTG	0.72	345	iPg	28	30.41	-0.9
			iSg	28	41.81	
BDV	0.75	318	iPg	28	31.48	-0.3
			iSg	28	43.18	
BCI	0.76	33	ePg	28	31.60	-0.3
PVY	0.93	22	iPg	28	34.19	-0.7
			iSg	28	49.03	
HCY	1.04	314	iPg	28	36.36	-0.3
			iSg	28	52.93	
NKY	1.14	341	iPg	28	39.12	0.5
			iSg	28	56.37	
IVA	1.17	14	iPg	28	38.47	-0.6
			iSg	28	57.46	
BRY	1.37	329	iPg	28	42.88	0.5
			iSg	29	03.64	
SKO	1.46	80	iPn	28	45.50	2.0
			iSn	29	03.30	
PLE	1.60	357	iPnd	28	47.33	1.7
			iSn	29	10.81	

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

NOV 12, 1992 19h 58m 02.34± 0.38s
 33.041 S ± 4.4km 70.158 W ± 3.3km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 4.1 (SAN).

FCH	0.31	201	iPd	58	08.82	0.0
			iS	58	13.36	
PEL	0.45	257	iP+	58	11.83	0.2
			iS	58	18.24	
JACH	0.51	314	iP+	58	12.31	-0.4
			iS	58	19.89	
SAN	0.59	226	iP	58	14.36	0.1
			iS	58	22.30	
PCH	0.65	207	iPd	58	15.00	-0.4

ROCH	0.72	275	iS	58	25.16	
			iPd	58	16.62	-0.1
			iS	58	27.38	
TACH	0.89	227	iPd	58	19.52	0.0
			iS	58	32.44	
CHCH	0.98	205	iPd	58	20.49	-0.5
			iS	58	34.79	
MDZ	1.11	82	iP	58	21.80	-1.4
			iS	58	36.00	
IHA	1.25	270	eP	58	25.70	0.2
			iS	58	43.30	
LCCM	1.26	249	iPd	58	25.88	0.1
			iS	58	43.58	
LNV	1.39	229	iPd	58	27.57	-0.1
			iS	58	47.43	
RTCV	1.81	50	ePc	58	34.00	0.2
			S	58	58.00	
CFA	2.16	49	e(P)	58	40.30	1.3
			S	59	08.70	
RFA	2.23	141	eP	58	41.20	1.3
			S	59	11.20	
MRA	3.80	82	ePd	59	02.60	0.4
TCA	5.02	72	iP	59	18.50	-1.0
			(S)	59	32.00	

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

% NOV 12, 1992 20h 36m 55.18± 1.05s
 42.976 N ± 9.0km 18.738 E ± 7.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

BRY	0.16	242	iPg	36	59.06	0.1
			iSg	37	02.08	
NKY	0.25	130	iPg	37	00.42	-0.2
			iSg	37	04.87	
HCY	0.56	199	iPg	37	06.31	-0.2
			iSg	37	14.43	
PLE	0.60	53	iPg	37	07.28	0.0
			iSg	37	15.20	
TTG	0.67	145	iPg	37	08.75	0.3
			iSg	37	19.15	

S.D. = 0.3 on 5 of 5 obs.

? NOV 12, 1992 20h 39m 47.12± 4.21s
 49.323 N ± 34.4km 0.165 W ± 13.7km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.8 (LDG).

FLN	0.60	201	Pg	39	58.80	-0.4
			Sg	40	06.40	
LDF	0.73	178	Pg	40	01.80	0.3
			Sg	40	11.60	
GRR	1.04	206	Pg	40	06.70	-0.1
			Sg	40	19.60	
LPF	1.42	205	Pg	40	13.20	0.3
			Sg	40	31.50	
MFF	2.72	180	Pg	40	38.20	6.5X
			Sg	41	12.80	
SSF	3.34	131	Pn	40	40.10	-0.3
			Sg	41	34.70	
LOR	3.38	126	Pn	40	41.30	0.3
			Sg	41	35.80	
BGF	3.43	143	Pn	40	41.50	-0.2
			Pg	40	51.80	
			Sg	41	37.40	

S.D. = 0.4 on 7 of 8 obs.

NOV 12, 1992 20h 41m 04.69± 0.10s
 36.446 N ± 2.6km 70.852 E ± 1.7km
 DEPTH = 198.4km (18 depth phases)

N 0.22 18 38				1.8s 270.00nm 5.5mb				1.0s 110.00nm 5.5mb			
P -3.29 29 139				iS 49 39.00				N 11s 0.63um			
Best Double Couple: Mo=3.2+10+17				PYA 22.46 298 iPc+ 45 48.50 0.9				E 12s 1.01um			
NP1: Strike=269 Dip=23 Slip= 144				1.5s 910.00nm 6.1mb				pP 47 46.00 203km			
NP2: 33 77 71				Z 16s 3.50um 4.9MszX				S 51 50.00			
				N 16s 1.50um				sS 53 01.00			
				E 16s 3.00um				HQL 30.79 267 ePc 47 05.00 1.4			
KSH	5.04	52 P	42 21.50 1.1					XAN	31.05 83 iPd	47 06.00 0.0	
	0.3s	1020.00nm	6.4mb						1.0s 170.00nm	5.7mb	
		S	43 14.00						0.65um		
FRU	7.01	23 iPnd-	42 45.00 -0.8	KIV	22.71 298 iPc	45 51.60 1.4		N 10s	0.52um		
QUE	7.04	209 eP	42 47.80 1.4		eS	49 50.50		E 10s			
		eS	44 03.10	GTA	22.99 74 iPd	45 55.00 1.9			pP	47 49.00 211kmX	
AAA	8.27	33 iPn	43 01.00 -1.4		1.5s 680.00nm	6.0mb			PcP	49 59.00	
PRZ	8.39	42 iPnc+	43 03.50 -0.5	Z 14s	1.45um	4.6MszX			iS	51 57.00	
TLG	8.46	34 iPn	43 03.00 -1.8		PP	46 34.00			PcS	53 37.00	
MAIO	9.16	272 iPc	43 12.00 -2.0		sP	46 50.00		PPCY	31.19 279 eP	47 00.70 -6.3X	
	0.8s	80.53nm	5.1mb X		S	49 52.00		BDT	31.39 120 iPd	47 08.20 -0.7	
		eS	44 50.00		SS	50 54.00			1.1s 657.40nm	6.2mb	
NDI	9.42	143 iPd	43 16.00 -1.3		ScS	56 38.40		HHC	31.89 69 Pd	47 14.40 1.1	
		eS	44 53.00	GBA	23.50 164 P	45 59.60 1.7			1.2s 91.00nm	5.3mb	
ASH	10.09	282 iPd	43 24.00 -2.0		S	49 57.60		Z 13s	0.83um	4.6MszX	
	1.2s	1390.00nm	6.2mb X	RYD	23.85 247 iPc	46 03.00 1.8		EYL	31.91 290 eP	47 12.00 -1.4	
		iS	45 14.00		iS	50 02.00		GYA	31.98 98 Pd	47 14.40 0.3	
KAT	11.86	288 iP-	43 46.00 -2.7	MJMA	24.22 251 iPc	46 04.30 -0.4			1.0s 2980.00nm	6.9mb X	
		eS	45 50.00	TBZ	24.60 290 iP	46 10.80 2.9			pP	47 55.00 196km	
GKN	14.38	122 Pd	44 18.44 -2.1	SOC	24.79 296 iPc+	46 10.50 0.8			sP	48 17.00	
WMQ	14.83	55 iPd	44 25.00 -1.0		1.2s 520.00nm	6.0mb			PcP	49 58.80	
	2.0s	450.00nm	5.5mb		eSP	46 50.00			S	52 10.60	
		S	47 04.00	QASM	25.45 254 iPc	46 16.30 0.3			ScP	53 21.20	
DMN	14.95	122 Pd	44 25.68 -2.1		iS	50 40.00			PcS	53 41.40	
KKN	14.95	121 Pd	44 25.40 -2.4	MOY	26.23 45 ePc	46 24.00 1.2			ScS	57 17.60	
PKI	15.18	122 Pd	44 28.34 -2.3		0.9s 72.00nm	5.4mb		ALT	32.13 287 eP	47 15.00 -0.3	
GUN	15.29	120 Pd	44 29.92 -2.2	LZH	26.54 81 iPd	46 26.80 0.8		GBZT	32.42 291 iPc	47 17.00 -0.7	
TEH	15.76	273 eP	44 40.00 2.5		1.8s 210.00nm	5.6mb		ELL	32.70 283 iP	47 20.50 0.2	
BRVK	16.62	359 iPc	44 46.00 -1.6		pP	47 06.00 196km		KHL	32.70 286 iP	47 19.20 -1.1	
	1.2s	1560.00nm	6.3mb		sP	47 30.00		KIS	32.71 302 iPc+	47 20.00 -0.1	
BAK	16.88	290 iPd	44 54.00 3.1X		PcP	49 45.00			epP	48 16.00 283kmX	
		iS	48 00.00		S	50 47.00			i	48 39.00	
SHE	17.87	290 iPc	45 02.00 0.4		sS	51 55.00			iSS	54 40.00	
	1.2s	800.00nm	6.0mb		SS	52 18.00			i	57 23.00	
Z 12s		2.50um	4.5Msz		ScP	53 04.00		ITU	32.72 291 iPc	47 20.00 -0.2	
N 12s		3.00um			PcS	53 22.00		KHT	32.83 124 iPd	47 22.70 1.3	
E 12s		3.50um			ScS	56 54.00		TIY	33.01 75 iPd	47 24.00 1.1	
		iS	48 16.00	ANN	26.66 299 iPc+	46 26.00 -0.7			0.7s 97.00nm	5.5mb	
POD	18.04	171 iPd	45 04.10 0.5		1.0s 75.00nm	5.4mb		Z 22s	1.29um	4.6Msz	
	1.4s	1246.51nm	6.2mb	GAZ	26.87 282 iP	46 30.50 1.8		N 10s	0.44um		
		eS	48 17.10	ZAK	27.12 49 iPc	46 31.40 0.6			pP	48 07.00 208km	
LSA	18.28	106 iPd	45 08.00 1.5		eS	50 56.00			S	52 27.50	
		S	48 20.00	CD2	27.85 92 iPd	46 39.00 1.3		CFR	33.15 299 eP	47 24.00 0.1	
KER	19.46	271 eP	45 18.00 -0.4		1.2s 510.00nm	6.1mb		PSN	33.15 296 iP	47 25.00 1.0	
GRS	19.55	286 iPc+	45 20.00 0.7		pP	47 22.00 215kmX		DST	33.19 288 eP	47 24.00 -0.4	
	1.3s	1240.00nm	6.3mb		iS	51 08.00		LOE	33.22 117 iPd	47 24.80 0.0	
		iS	48 48.00		ScS	56 59.00		NST	33.25 121 iPd	47 31.00 5.9X	
ELT	19.97	28 iPc	45 22.50 -0.6	IRK	28.36 46 ePc	46 41.50 -0.5		HLW	33.55 270 eP	47 27.00 -0.5	
	1.0s	642.00nm	6.1mb		1.3s 75.00nm	5.3mb		BNT	33.63 290 iP	47 28.50 0.4	
		e	45 57.00	N 11s	0.25um			CIT	33.80 49 eP	47 29.80 0.3	
		iS	48 54.00		esP	47 37.20		ISR	34.29 299 ePc	47 36.00 2.3	
HYB	20.14	158 iPd	45 26.20 1.0		e	51 19.00		NRI	34.34 11 iPc+	47 34.40 0.6	
	1.0s	700.00nm	6.1mb	BHL	28.79 275 P	46 45.00 -1.1			1.2s 853.00nm	6.3mb	
		eSP	46 20.00		S	52 00.00			iS	52 48.00	
		eS	48 58.00	HRI	28.89 274 iPc	46 48.10 1.1			(SS)	55 08.00	
DHR	20.33	246 iPc	45 29.00 2.1	SIM	28.92 299 iP	46 47.00 0.0		JMB	34.40 294 iPc	47 36.00 1.4	
		e	49 08.00	BZK	28.92 292 iP	46 47.00 -0.1		MNK	34.50 314 iP	47 35.00 -0.3	
		iS	49 05.00	KAS	29.12 291 iPc	46 49.80 0.8			1.5s 1984.00nm	6.5mb	
GRO	20.46	297 iPc+	45 30.00 1.9	SALJ	29.31 272 P	46 51.10 0.4		Z 16s	1.56um	4.8MszX	
	1.0s	3700.00nm	6.9mb X	MASJ	29.37 271 P	46 51.40 0.2			e	48 54.00	
		iS	49 09.00	KMI	29.50 103 Pd	46 52.50 -0.1		BUC	34.63 297 eP	47 40.00 3.5X	
MTA	20.86	293 iPc+	45 33.40 1.4		1.0s 120.00nm	5.6mb		MLR	34.70 299 iPc	47 39.00 1.6	
	1.0s	1420.00nm	6.4mb		S	51 33.00		PUL	34.89 325 ePc	47 39.00 0.5	
		iPPP	46 07.40	MOS	29.63 321 iPc	46 54.00 0.9			1.2s 2010.00nm	6.6mb	
		iS	49 19.40		e	47 50.00			epP	48 38.00 299kmX	
		iPPS	49 39.40	LISJ	29.72 270 P	46 54.80 0.6			esP	49 04.00	
		iSS	49 51.40	ZNT	29.76 272 iPc	46 55.90 1.3			eS	52 48.00	
ERE	20.98	288 eP	45 35.50 2.1	FAM	29.84 278 eP	46 55.50 0.3			eSS	55 30.00	
		i	46 11.00	OBN	29.88 320 iPc+	46 55.50 0.2		ALN	34.97 291 eP	47 39.58 0.1	
		iS	49 20.00		1.0s 1330.00nm	6.6mb		PRK	35.05 288 eP	47 40.50 0.4	
SVE	21.50	345 iPc+	45 40.00 1.8		e	47 33.00		NNT	35.18 125 iPd	47 42.60 1.2	
	2.0s	1640.00nm	6.2mb		iSP	48 06.00		DIM	35.22 293 iPc	47 42.00 0.5	
		iPPP	46 12.00		eS	51 31.00		PVL	35.25 295 iPd	47 44.00 2.2	
		eSSS	50 20.00	CHG	30.30 118 iPd	46 59.00 -0.5		KDZ	35.35 293 iP	47 43.00 0.3	
ARU	21.61	341 iPc	45 40.30 1.0		0.9s 205.88nm	5.9mb		ARO	35.39 233 iP+	47 45.60 2.3	
	1.0s	4200.00nm	6.9mb X		eS	51 44.00		BJI	35.49 70 eP	47 45.00 1.2	
Z 12s		3.50um	5.0MszX	CSS	30.38 278 eP	47 00.00 0.0			1.0s 44.00nm	5.0mb	
		ePPP	46 14.00	KMTA	30.65 241 iPc	47 05.00 2.2			epP	48 26.00 191km	
		eS	49 27.00	ABHA	30.68 241 iPc	47 05.50 2.4			ePcP	50 09.00	
		eSSS	50 21.00	SAGI	30.74 269 iPc	47 04.40 1.1			eS	53 06.00	
UER	22.39	40 iPc	45 47.20 0.3	BTO	30.75 70 P	47 04.50 1.2			eSS	54 16.50	

12d 20h

		eSS	55	40.00		SDF	39.84	335	iP	48	20.80	1.1			epP	49	30.00	200km			
		eScS	57	40.00		DL2	39.85	71	eP	48	21.20	1.1			ePP	50	28.00				
BOD	35.57	39	iPc	47	43.50	-0.8		0.6s	44.00nm		5.2mb			HFS	43.04	322	eP	48	45.60	-0.3	
	1.0s	140.00nm		5.5mb		ULC	39.87	294	iPc	48	19.85	-0.4			0.7s	1018.80nm		6.4mb			
PLD	35.83	294	iP	47	47.00	0.4	SRO	39.87	303	iPc	48	22.20	2.0		VOY	43.06	301	iPc	48	46.80	0.4
RZN	35.87	293	iPc	47	47.00	-0.2			iPP	49	05.50	203km				epP	50	31.40	594kmX		
DRA	35.93	298	iPc	47	49.00	1.5			iP	49	57.60			CLL	43.13	309	iPc	48	46.90	0.1	
LVV	36.10	307	iP	47	50.00	1.2				53	51.90				1.7s	350.00nm		5.6mb			
Z	16s	1.50um		4.9MszX		RAC	39.87	307	eP	48	21.00	0.8				iPP	50	30.50			
N	15s	1.30um						e		49	52.00					iScP	54	03.00			
E	16s	1.30um				AAE	39.91	235	iP	48	24.20	3.0		TRI	43.20	301	ePc	48	47.50	0.1	
		i	50	13.00		NKY	39.91	296	iPc	48	21.25	0.5				e	49	44.00			
PGB	36.17	294	iPc	47	50.00	0.4	HKC	39.96	98	iP	48	22.90	1.7			e	50	32.20			
BMR	36.38	303	ePd	47	40.00	-11.2X			S	54	14.00				e	51	00.50				
NPS	36.43	282	eP	47	51.70	-0.1	BDV	40.12	295	iPc	48	22.45	0.1			e	51	28.20			
WHN	36.52	86	Pd	47	53.50	1.0	BRV	40.23	296	iPc	48	23.58	0.2			e	58	24.00			
	1.0s	240.00nm		5.8mb		HCY	40.34	295	iPc	48	23.75	-0.4		TRO	43.27	336	iPc	48	47.67	0.0	
		sP	48	58.00		SNY	40.72	66	Pc	48	27.20	0.0		KBA	43.30	303	iPc	48	48.20	-0.2	
		S	53	20.00			0.8s	70.00nm		5.2mb					0.9s	64.20nm		5.2mb			
MMB	36.61	293	iPc	47	54.00	0.7	Z	13s	0.83um		4.8MszX					i	50	36.10			
SRS	36.78	292	eP	47	54.94	0.2			pP	49	08.00	189km				i	50	38.30			
DEV	36.82	300	ePc	47	40.00	-15.0X			S	54	21.00					i	54	03.80			
VTG	36.87	295	iPc	47	56.00	0.4	KEV	40.81	338	iP	48	28.50	0.9		WET	43.37	306	iPc	48	49.10	0.3
PAIG	36.91	290	eP	47	56.34	0.6		0.8s	558.90nm		6.1mb				1.8s	244.00nm		5.4mb			
GZR	36.94	299	iPd	47	56.00	0.0	VRAC	40.93	306	iPc	48	30.30	1.4		COP	43.40	315	iPc+	48	50.00	1.2
TIA	37.00	76	Pd	47	58.40	1.8		1.3s	565.60nm		5.9mb				0.9s	873.95nm		6.3mb			
	1.4s	240.00nm		5.6mb				e	50	05.60						e	49	43.00			
		pP	48	41.00	198km			e	50	45.50						i	51	32.00			
		PcP	50	13.00		KSP	41.08	308	iPc	48	30.20	0.1		BHG	43.53	304	iPc	48	50.50	0.4	
		S	53	30.00			1.5s	265.00nm		5.6mb					0.8s	236.00nm		5.8mb			
		ScP	53	38.90				i	50	03.70						i	54	05.00			
		ScS	57	44.80		VKA	41.18	304	iPc	48	31.60	0.6		KLM	43.66	132	ePd	48	52.20	0.8	
SOH	37.00	292	iP	47	56.85	0.2			i	53	55.20			MOR7	43.72	331	iPc	48	51.55	0.2	
KKB	37.05	293	iPc	47	57.00	0.0		2.5s	746.00nm		5.8mb			HOF	43.91	308	iPc	48	53.60	0.5	
UZH	37.19	305	iPc	47	59.00	1.0			i	50	09.80			MOX	44.05	308	iPc	48	54.90	0.7	
	2.0s	720.00nm		6.0mb				i	50	25.50					1.6s	350.00nm		5.6mb			
ATH	37.26	287	eP	47	59.70	1.0	CTK1	41.62	336	iPc	48	34.53	0.2	YAK	44.09	35	iPc	48	53.70	-0.6	
KNT	37.29	292	iP	47	59.26	0.3	ZAG	41.65	301	iPc	48	35.50	0.7			e	50	33.00			
THE	37.33	291	iP	47	59.50	0.3	PTJ	41.65	301	iP	48	35.50	0.5			iS	55	09.00			
VAY	37.51	293	iP	48	01.20	0.4	HVAR	41.70	297	iPc	48	34.00	-1.3	GRF	44.40	307	iPc	48	58.40	1.5	
	1.0s	61.00nm		5.2mb		CN2	41.74	62	Pd	48	36.00	0.4			3.3s	2126.00nm		6.1mb X			
KAF	37.61	327	iP	48	01.90	0.6		1.0s	15.00nm		4.5mb X		Z	18s	0.80um		4.7Msz				
APA	37.65	337	iPc	48	02.20	0.6			epP	49	18.00	195km				e	48	59.70			
GRG	37.70	292	eP	48	02.85	0.4			ePcP	50	27.50					e(pP)	50	45.60	610kmX		
LIT	37.77	291	eP	48	02.74	-0.3			eScP	53	56.00					e	54	09.30			
NUR	37.80	324	iP	48	03.60	0.6			eS	54	36.00			WTTA	44.43	303	iPc	48	56.90	-0.5	
TIM	38.00	300	iPd	48	10.00	5.2X			eScS	58	11.00				0.9s	165.00nm		5.5mb			
AGG	38.10	289	eP	48	05.29	-0.5	SSE	41.80	82	P	48	37.00	0.8				i	49	02.90		
VLI	38.16	285	eP	48	04.70	-1.5		1.0s	160.00nm		5.5mb					i	50	36.80			
SKO	38.25	294	iPc	48	07.30	0.3	Z	20s	0.90um		4.6Msz					i	50	45.80			
	1.5s	132.00nm		5.3mb		N	12s	0.50um								i	54	08.40			
		i	48	28.20				pP	49	21.80	210kmX			WATA	44.46	303	iPc	48	56.80	-0.8	
		i	48	50.20				ScP	53	56.00						i	49	04.60			
		i	49	12.00		BSD	41.96	315	iPc	48	36.40	-0.8				i	50	36.60			
		i	50	42.00			0.9s	390.00nm		5.9mb						i	50	45.20			
		i	56	56.00				e	50	06.80						i	54	08.60			
		i	03	36.00		IPM	42.12	132	ePd	48	40.40	1.5		NAO	44.52	323	P	48	57.20	-0.5	
KZN	38.28	291	eP	48	07.00	-0.3			i	53	59.30	6.0mb			1.0s	859.50nm		6.2mb			
QIZ	38.32	106	P	48	07.80	0.0			e	53	59.30			MDJ	44.53	61	eP	48	57.00	-1.1	
		S	53	43.00				iPP	50	21.30					1.0s	24.00nm		4.6mb X			
SPC	38.55	306	iPc	48	11.70	2.1	VBV	42.19	300	iPc	48	39.80	0.6			pP	49	41.00	203km		
		e	53	46.90				iScP	54	00.20					S	55	16.00				
OJC	38.84	307	iP	48	12.10	0.3	PRU	42.23	307	iPc	48	40.20	0.7			sS	56	33.00			
	1.1s	485.00nm		6.0mb			1.9s	363.70nm		5.6mb			FUR	44.54	305	iPc	48	58.70	0.6		
		i	48	18.10				pP	49	23.00	199km				1.3s	370.00nm		5.7mb			
		i	49	49.00				PP	50	20.80			LOF	44.64	333	eP	48	58.23	-0.3		
		e	56	38.00				ScP	51	24.00			SQTA	44.72	303	iPc	48	58.70	-1.0		
OHR	38.87	293	eP	48	11.80	-0.3	BRG	42.56	308	iPc	48	42.50	0.3			0.6s	49.90nm		5.1mb		
		e	50	17.50				iP	49	23.40	189km					i	50	36.80			
GZH	38.91	98	iPd	48	14.80	2.2			iScP	54	01.00					i	50	37.80			
	0.8s	500.00nm		6.2mb		LJU	42.62	301	iPc	48	33.40	-9.3X				i	50	47.00			
		S	53	59.80				e	50	42.50						i	54	09.90			
PVY	39.24	295	iPc	48	16.60	1.4	CEY	42.74	301	eP	48	44.40	0.7	OGA	44.90	303	iPc	49	00.50	-0.7	
IYA	39.25	296	iPc	48	16.66	1.3			iPc	48	44.40	0.1			0.8s	159.00nm		5.5mb			
BUD	39.41	303	ePd	48	17.30	0.9	RIY	42.82	300	iP	50	29.20		RGS	44.93	326	iPc	49	01.50	0.6	
IGT	39.51	290	eP	48	26.50	9.1X			ePc	48	45.00	0.2	KONO	45.05	321	eP	49	02.00	0.1		
PLE	39.55	296	iPc	48	19.26	1.4	GEC2	42.86	305	ePc	48	45.00	0.2	MUD	45.23	316	iPc	49	04.90	1.6	
NJ2	39.60	82	Pc	48	19.00	0.8		0.7s	26.09nm		4.9mb				1.0s	300.00nm		5.7mb			
	1.0s	160.00nm		5.5mb				e(PP)	50	22.00						i	49	15.00			
		pP	49	02.00	202km			e	50	25.10						i	49	19.00			
		PcP	50	21.40				e	50	30.20						i	50	54.30			
		ScP	53	48.00				e	50	34.20			FIR	45.30	298	eP	49	05.00	0.9		
		S	54	07.00		BRNL	42.87	311	eP	48	44.70	0.1	OSS	45.53	303	iPc	49	05.80	-0.3		
VLS	39.62	288	eP	48	17.30	-1.0			iPP	50	28.30		KGM	45.53	131	ePd	49	07.30	1.1		
TTG	39.78	295	iPc	48	19.46	-0.1			iPc	48	47.00	1.7			0.6						

12d 20h

MBL	0.5s	39.00nm	5.4mb	STK	94.85	126	iPc	54	05.00	0.1	BSZ	0.46	105	P	03	12.40	0.1			
	73.64	133	iPd	52	15.70	-2.3					DRZ	1.02	67	eP	03	15.40	-0.7			
SLR	0.5s	95.00nm	5.8mb		0.5s	3.90nm	iPP	57	57.30	4.9mb	CNZ	1.05	63	Pd	03	15.60	-0.4			
TTA	73.73	219	iPc	52	18.50	-0.2					NGZ	1.09	63	Pc	03	16.10	-0.3			
	74.12	20	iPc	52	20.44	0.0	NEW	95.37	5	iPd	54	08.00	0.7	DIW	1.17	196	P	03	16.90	0.1
	0.8s	67.10nm	5.4mb				e	55	53.00		MOZ	1.23	17	P	03	17.30	0.0			
FBA		pP	53	07.59	197km		GMW	95.50	9	ePc	54	09.37	1.5		S	03	36.80			
	74.55	16	iPc	52	22.67	-0.1	DPW	95.67	6	eP	54	09.23	0.5	KIW	1.26	160	P	03	17.30	-0.3
KIC		eP	53	10.80	201km		RMW	95.71	9	ePc	54	09.77	0.8	MNG	1.28	137	Pc	03	17.50	-0.3
	74.66	267	Pc	52	23.00	-1.2	RMQ	96.37	118	iPd	54	12.70	0.8		S	03	35.60			
	1.0s	168.00nm	5.7mb	LON	96.40	9	eP	54	12.23	0.2	CAW	1.53	159	P	03	19.90	-0.1			
TIC		S	01	35.00							TCW	1.53	182	P	03	20.30	0.3			
LIC	74.72	267	Pc	52	23.40	-1.2	BMW	96.49	10	eP	54	13.30	0.8	WAHZ	1.55	91	P	03	19.90	-0.4
MTN	74.97	267	Pc	52	24.70	-1.3	LVNJ	96.89	334	eP	54	14.46	0.2	MRW	1.57	170	Pd	03	20.40	0.0
	74.98	119	eP	52	25.10	-0.8	SHW	96.90	9	eP	54	15.54	1.1		S	03	40.60			
	0.4s	58.00nm	5.7mb				VGB	97.74	8	eP	54	18.98	0.9	WEL	1.63	169	P	03	20.90	-0.1
KNA	75.35	123	iPd	52	27.70	-0.2	LRM	98.06	2	eP	54	20.40	0.6		eS	03	41.80			
	0.4s	136.00nm	6.0mb	RSSD	99.68	356	eP	54	28.08	0.9	MTW	1.72	150	P	03	21.50	-0.3			
SVW	75.68	21	iPc	52	29.76	0.5		0.8s	20.14nm	5.6mb	PGZ	1.75	123	P	03	21.60	-0.5			
	1.0s	251.83nm	5.9mb								QRZ	1.80	230	P	03	23.00	0.3			
CRP	76.53	20	ePc	52	32.94	-1.2	BW06	101.15	0	ePdiff54	34.00	0.5		eS	03	47.00				
		pP	53	24.10	214kmX		LBFM	101.71	10	ePdiff54	37.48	1.5	WHH	1.85	65	P	03	22.90	-0.4	
SPU	76.63	20	iPc	52	33.18	-1.4	LGPM	102.00	11	ePdiff54	38.23	1.0	MOW	1.87	159	P	03	23.20	-0.2	
		eP	53	21.79	202km		HVU	102.08	3	ePdiff54	38.95	1.4	BLW	1.89	153	Pc	03	23.50	-0.1	
PMR	77.06	18	iPc	52	36.12	-0.6	DAU	103.49	2	ePdiff54	45.43	1.3	TTH	1.92	87	P	03	24.40	0.5	
	0.8s	124.77nm	5.7mb	DUG	103.66	3	ePdiff54	46.19	1.6		AMW	1.95	147	P	03	24.10	-0.1			
		(pP)	53	24.46	201km			0.9s	4.42nm	5.3mb	CCW	2.07	183	eP	03	26.60	1.1			
MEEK	77.21	137	eP	52	36.50	-1.6	ELC	104.35	344	(Pdiff54	48.17	0.6	MOH	2.24	77	P	03	27.80	0.4	
TOA	77.34	17	iPc	52	40.00	1.6	SRU	104.81	1	ePdiff54	50.49	0.7	PAHZ	2.25	69	P	03	28.10	0.5	
BLF	77.55	219	iPc	52	40.20	0.1	MSU	105.36	2	ePdiff54	54.29	2.0	THZ	2.35	207	P	03	29.30	0.6	
	0.5s	121.62nm	5.9mb	ALO	108.93	358	ePdiff55	09.97	1.7					eS	03	58.50				
WIN	77.58	230	iPc	52	40.50	0.0		0.9s	5.57nm	5.8mb	URZ	2.58	57	P	03	31.20	-0.1			
	0.7s	72.60nm	5.5mb	DSZ	120.46	122	ePKP	59	31.80	-1.8			S	04	00.50					
SLKM	77.69	19	iPc	52	39.44	-0.9	LTZ	121.18	122	ePKP	59	33.60	-1.4	MAHZ	2.78	81	eP	03	34.20	0.5
MRWA	77.88	141	eP	52	41.00	-0.7	KHZ	121.91	122	ePKP	59	35.00	-1.3	KHZ	2.80	192	Pd	03	34.80	0.9
KLU	77.93	17	iPc	52	41.92	0.2	BDF	122.17	274	PKPd	59	36.00	-1.7		S	04	05.80			
SDN	78.59	27	(P)	52	44.48	-0.8							DSZ	2.83	222	eP	03	34.80	0.5	
BALM	79.15	16	iPc	52	48.66	0.3							NOZ	3.06	71	eP	03	37.50	0.5	
KDC	79.35	22	iPc	52	49.19	-0.1							LTZ	3.47	206	P	03	42.40	0.3	
	0.6s	109.59nm	5.8mb											eS	04	20.80				
MID	79.63	18	eP	52	52.30	1.5							HBZ	3.73	57	eP	03	45.30	0.0	
MUN	80.22	142	eP	52	53.50	-0.8							MOZ	4.22	197	Pd	03	50.60	-0.9	
KLB	80.69	141	eP	52	55.50	-1.2								S	04	35.70				
YKA	81.31	3	eP	52	59.60	0.1	BAO	122.22	274	PKPd	59	37.00	-0.8	ODZ	6.02	206	eP	04	14.90	0.0
	0.5s	115.00nm	5.9mb										LSCZ	6.56	213	eP	04	21.30	-0.8	
WARB	81.50	131	eP	53	01.00	-0.1							SBCZ	6.57	213	eP	04	21.30	-0.8	
COOL	81.91	138	iPc	53	02.50	-0.6							MMCZ	6.57	214	eP	04	22.00	-0.3	
	0.8s	82.00nm	5.5mb										TUZ	7.16	207	eP	04	30.30	0.4	
WRA	82.07	122	P	53	03.80	-0.3								S.D. = 0.5 on 38 of 38 obs.						
	0.5s	62.30nm	5.6mb											% NOV 12, 1992 21h 14m 54.93± 2.13s						
WB2	82.07	122	iPc	53	03.50	-0.7								18.523 N ± 25.9km 66.374 W ± 8.8km						
	1.1s	2.30nm	3.8mb X											DEPTH = 33.0km (normal)						
		iS	02	57.20			MNG	122.59	119	ePKP	59	35.80	-1.9	PUERTO RICO REGION (90)						
		iPKKP	11	32.30			BMA	122.80	265	(PKP)	59	40.00	1.4							
		iP*P*	19	27.00			SPA	126.26	180	iPKPc	59	42.80	-1.4							
		iP*SKP22	40.80					0.9s	50.00nm											
SIT	84.26	14	eP	53	15.77	1.1								LPR	0.52	114	P	15	05.30	-0.6
	1.0s	70.61nm	5.4mb												S	15	18.30			
FCC	84.32	352	eP	53	20.00	5.1X	SIV	132.85	283	PKP	59	52.00	-6.1X	PORP	0.53	208	P	15	06.50	0.5
ASPA	84.32	125	iPd	53	14.90	-0.6	CCH	137.62	285	ePKP	00	07.00	-0.4	CPD	0.65	138	P	15	08.40	0.7
	0.7s	92.80nm	5.6mb				ZOBO	138.51	288	ePKP	59	55.00	-14.5X	MCP	0.71	262	P	15	09.30	0.8
		iS	03	13.10				1.1s	85.56nm					MGP	0.85	233	P	15	09.00	-1.5
		ePKKP	11	26.00										S.D. = 1.4 on 5 of 5 obs.						
		eP*P*	19	29.40																
		eP*SKP22	31.30																	
CER	84.50	221	iPc	53	18.00	1.8	LPB	138.64	288	PKP	00	10.00	0.6							
	0.6s	30.36nm	5.2mb																	
BLE	85.26	221	iPc	53	22.00	2.1	CNCB	138.71	287	ePKP	59	59.00	-10.8X							
	1.5s	666.67nm	6.2mb																	
JAQ	85.58	341	eP	53	22.00	0.6	TBI	142.96	81	iPKP	00	13.60	-2.8							
OIS	86.14	119	iPc	53	24.00	-0.5		1.0s	125.00nm											
	0.3s	13.00nm	5.2mb				RTPR	144.09	267	ePKPd	00	16.00	-2.1	PTI	0.70	256	eP	31	17.24	-0.8
LMN	88.86	331	ePd	53	42.30	5.0X	MRA	144.17	263	ePKPc	00	16.60	-1.6		eS	31	27.68			
CBM	89.21	333	eP	53	39.84	0.9	ANT	144.39	280	iPKP+	00	17.60	-1.2	HHA1	0.73	291	iPd	31	17.73	-0.9
	0.7s	23.58nm	5.2mb				CFA	145.94	266	ePKPd	00	21.70	0.4	BW06	1.41	100	iPd	31	30.70	0.0
CTA	90.63	115	iPd	53	45.70	0.0	RTL	146.03	267	iPKPd	00	21.50	0.0	LTMT	1.56	342	ePnc	31	32.00	-0.8
	1.0s	50.00nm	5.5mb				RFA	147.05	261	ePKPc	00	23.20	0.2	HVU	1.60	218	eP	31	32.66	-0.5
		i	54	31.00			TLL	147.50	270	iPKPd	00	24.00	-0.1	TPMT	1.70	355	ePn	31	34.50	-0.2
EMM	90.83	332	eP	53	47.24	0.9	PEL	148.38	265	ePKP	00	23.50	-1.7	MCMT	2.05	331	ePnc	31	40.20	0.3
ULM	92.89	352	eP	53	58.50	2.7		0.6s	346.67nm					BGMT	2.23	349	ePn	31	43.00	0.5
EEO	92.99	340	eP	54	01.00	4.6X	IHA	149.11	265	ePKP	00	27.00	0.8	MEMT	2.59	7	ePn	31	49.60	2.2X
RSNY	93.50	336	eP	53	59.59	0.8		S.D. = 1.0 on 466 of 488 obs.					DAU	2.63	177	eP	31	48.54	0.4	
	0.9s	24.43nm	5.3mb										LCCM	2.81	354	ePn	31	52.60	1.9	
SES	93.52	1	eP	53	59.00	0.2							LRM	2.87	346	ePn	31	53.90	2.3X	
	1.0s	121.00nm	6.0mb										HBMT	2.88	344	ePn	31	53.80	2.2X	

RSSD 5.49 76 ePn 32 27.68 -1.0
 GOL 5.66 124 (P) 32 29.93 -1.2
 S.D. = 1.0 on 14 of 18 obs.

? NOV 12, 1992 22h 09m 41.29±1.53s
 31.285 S ±20.0km 68.411 W ±14.5km
 DEPTH = 100.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.07 229 iPc 09 55.40 -0.3
 CFA 0.35 155 iPc 09 57.10 0.7
 S 10 08.60
 RTCV 0.58 191 iPd 09 58.50 0.5
 S 10 11.80
 MRA 2.56 117 iPc 10 22.70 0.9
 TCA 3.27 92 iP 10 30.70 -0.9
 (S) 10 57.50
 RFA 3.48 181 ePc 10 33.50 -0.9
 S 11 13.30
 S.D. = 1.0 on 6 of 6 obs.

? NOV 12, 1992 22h 26m 08.88±0.90s
 38.413 N ± 8.5km 21.605 E ±10.6km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.1 (ATH).

VLS 0.83 254 ePb 26 25.00 0.0
 KZN 1.90 4 ePn 26 41.50 -0.1
 VLI 2.00 148 ePn 26 43.00 0.0
 VAY 3.00 14 ePn 26 57.40 0.1
 S.D. = 0.2 on 4 of 4 obs.

* NOV 12, 1992 22h 27m 33.75±1.05s
 38.346 N ± 9.8km 21.904 E ±10.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.2 (ATH).

AGG 0.75 26 eP 27 46.61 -1.9
 VLS 1.05 261 ePn 27 52.20 -1.3
 ATH 1.48 104 ePb 28 06.00 5.6X
 IGT 1.70 315 eP 28 04.80 1.1
 LIT 1.81 14 iP 28 07.04 1.8
 VLI 1.82 153 ePn 28 06.00 0.7
 KZN 1.96 357 ePn 28 07.80 0.4
 PAIG 2.10 41 eP 28 08.56 -0.8
 KEK 2.13 310 ePb 28 13.00 3.1X
 SKO 3.64 355 ePn 28 35.50 4.2X
 S.D. = 1.7 on 7 of 10 obs.

NOV 12, 1992 22h 28m 57.54±0.09s
 22.401 S ± 2.6km 178.104 W ± 2.9km
 DEPTH = 359.6km (geophysicist)
 5.9mb (90 obs.)
 SOUTH OF FIJI ISLANDS (171)

Two events about 3 seconds
 apart. Depths 359.6 and 361.0
 km, respectively, from broadband
 displacement seismograms.

FAULT PLANE SOLUTION: P-Waves
 NP1: Strike= 30 Dip=80 Slip= -90
 NP2: 210 10 -90
 Principal Axes:
 T P1g=35 Azm=120
 P 55 300

Comment: The focal mechanism is
 poorly controlled and
 corresponds to normal
 faulting. The preferred fault
 plane is NP1.

RADIATED ENERGY
 No. of sta: 8 Focal mech. F
 Energy 3.0±1.0*10**13 Nm

MOMENT TENSOR SOLUTION
 Dep 357 No. of sta: 22
 Moment Tensor: Scale 10**18 Nm
 Mrr=-1.71 Mtt= 0.42
 Mff= 1.28 Mrt=-0.82
 Mrf=-2.11 Mtf= 0.35

Principal axes:
 T Val= 2.60 P1g=28 Azm=110
 N 0.30 1 201
 P -2.90 62 292
 Best Double Couple: Mo=2.8*10**18
 NP1: Strike=199 Dip=17 Slip= -92
 NP2: 21 73 -89

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 39S, **C

Centroid Location:

Origin Time 22:29: 4.6 0.2

Lat 22.325 0.02 Lon 177.72W 0.01

Dep 378.5 0.7 Half-duration 3.0

Moment Tensor: Scale 10**18 Nm

Mrr=-1.22 0.02 Mtt= 0.45 0.04

Mff= 0.77 0.04 Mrt=-1.05 0.03

Mrf=-1.72 0.03 Mtf= 0.29 0.03

Principal Axes:

T Val= 2.15 P1g=31 Azm=121

N 0.27 0 211

P -2.43 59 302

Best Double Couple: Mo=2.3*10**18

NP1: Strike=211 Dip=14 Slip= -91

NP2: 31 76 -90

SVA 5.35 322 iPd 30 24.00 2.1

eS 30 48.00

SGE 6.07 321 ePc 30 34.10 3.9X

AFI 10.36 36 P 31 14.90 -6.0X

eS 32 08.00

PVC 13.58 288 iPc 32 02.00 3.1X

iS 34 36.00

DZM 14.31 268 iPd 32 09.00 2.0

iS 34 46.90

ScP 39 57.00

ScS 43 36.00

OUZ 14.69 208 P 32 13.60 2.8

e 33 04.70

WCZ 15.01 204 P 32 16.80 2.6

e 33 08.20

KUZ 15.27 199 P 32 18.40 1.5

eS 35 12.00

HBZ 15.46 191 eP 32 19.80 0.8

URZ 16.33 194 eP 32 26.20 -1.9

eS 35 15.30

WLZ 16.34 198 eP 32 29.70 1.4

eS 35 31.80

TAZ 16.45 195 eP 32 32.10 2.8

NOZ 16.50 191 eP 32 28.60 -1.3

e 40 00.90

PAHZ 16.92 193 eP 32 34.50 0.2

RAR 17.06 89 ePc 32 35.00 -0.8

ec 32 37.49

S 36 13.00

WHH 17.07 194 eP 32 35.20 -0.6

MOZ 17.17 199 eP 32 38.10 1.4

0.7s 531.00nm 6.0mb

NGZ 17.57 196 P 32 40.40 -0.6

WAHZ 17.88 194 eP 32 42.20 -1.8

BSZ 18.33 197 eP 32 48.60 0.2

eS 35 57.80

PGZ 18.78 193 eP 32 51.90 -0.9

e 40 05.00

MNG 18.96 195 eP 32 51.90 -2.8

0.7s 975.00nm 6.3mb

eS 36 06.70

e 40 04.80

e 40 41.40

MTW 19.46 195 eP 32 58.00 -1.7

CAW 19.52 196 P 32 59.40 -0.8

AMW 19.55 194 eP 32 59.40 -1.0

MRW 19.73 196 eP 33 00.80 -1.4

eS 36 24.00

WEL 19.76 196 eP 33 04.10 1.6

MOW 19.77 195 eP 33 00.80 -1.9

SNZO 19.80 196 P 32 48.50 -14.4X

e 34 24.00

e 35 50.00

(S) 36 09.20

e 36 13.80

e 39 52.00

e 43 33.00

TCW 19.83 197 eP 33 01.80 -1.3

QRZ 20.00 201 eP 33 06.10 1.2

eS 36 31.10

THZ 20.73 199 eP 33 13.10 1.1

S 36 38.30

DSZ 21.07 201 P 33 16.60 1.3

0.7s 968.00nm 6.3mb

e 40 08.60

KHZ 21.15 197 eP 33 15.60 -0.3

eS 36 44.60

e 40 09.80

LTZ 21.85 199 P 33 22.50 -0.3

0.4s 49.00nm 5.2mb

e 40 12.40

MQZ 22.59 198 P 33 29.60 0.0

eS 37 07.40

e 40 13.80

LMZ 23.69 203 eP 33 39.50 -0.2

BWZ 24.19 201 P 33 43.20 -1.1

0.4s 98.00nm 5.5mb

e 40 18.80

ODZ 24.40 200 P 33 46.00 -0.2

e 40 19.60

HNR 24.69 298 eP 33 48.00 -1.1

eS 37 45.00

LRCZ 24.84 202 eP 33 48.60 -1.8

MHZ 24.86 202 eP 33 48.90 -1.6

MMCZ 24.86 202 eP 33 49.10 -1.4

SBCZ 24.87 202 eP 33 49.30 -1.3

LSCZ 24.88 201 eP 33 49.10 -1.5

CMCZ 24.94 202 eP 33 49.90 -1.3

SVO 24.95 298 eP 33 56.00 4.5X

TLC 25.04 202 eP 33 51.10 -1.1

TUZ 25.53 200 eP 33 56.60 0.2

BCZ 26.18 203 eP 34 02.80 0.5

0.4s 210.00nm 5.8mb

TBI 26.39 98 iP 34 03.70 -0.7

1.0s 275.00nm 5.6mb

SIZ 26.83 201 eP 34 08.60 0.5

AFR 27.04 85 iPc 34 08.80 -1.4

1.0s 1356.80nm 6.3mb

PAE 27.19 85 iPc 34 10.10 -1.4

1.6s 1706.50nm 6.1mb

PPT 27.22 85 iPc 34 10.40 -1.4

1.3s 2356.70nm 6.4mb

Z 32s *****um 8.4MsZx

PPT 27.22 85 iPc 34 10.30 -1.5

1.3s 2368.30nm 6.4mb

PPN 27.36 85 iPc 34 11.80 -1.2

1.2s 1056.80nm 6.1mb

TVO 27.46 86 iPc 34 12.60 -1.4

1.2s 1361.50nm 6.2mb

PMO 29.50 81 iPc 34 30.50 -1.4

1.1s 1047.10nm 6.1mb

VAH 29.67 81 iPc 34 31.70 -1.7

1.1s 785.30nm 6.0mb

TPT 29.76 81 iPc 34 32.80 -1.3

1.2s 2047.00nm 6.3mb

RUV 29.91 82 iPc 34 34.00 -1.5

1.0s 1318.40nm 6.2mb

CNB 31.12 238 iPc 34 47.70 1.8

eS 39 27.00

eScP 40 40.00

BWA 31.65 240 iPd 34 49.60 -0.9

CTA 33.25 267 iPd- 35 05.00 0.7

e(P) 36 19.00

e(PcP) 37 36.00

iS 39 56.00

iScP 40 47.00

e 42 00.00

iScS 44 50.00

CMS 33.28 246 iPd 35 05.50 1.1

eS 40 48.30

RAB 34.00 298 iPd- 35 09.00 -1.6

OLP 34.44 255 iPd 35 15.00 0.8

TOO 34.73 236 iPd 35 18.00 1.5

e 40 21.00

PMG 35.72 286 eP 35 25.90 0.9

BFD 36.91 237 iPd 35 35.80 1.0

eS 41 00.90

STK 36.91 246 eP 35 36.10 1.3

0.9s 189.80nm 5.4mb

iS 40 48.80

iScS 45 08.20

LAT 37.09 290 eP 35 37.50 1.0

MDG 38.84 291 iPd 35 51.50 0.7

OIS 39.31 265 iPd 35 54.60 0.0

ADE 39.62 242 iPc 35 58.00 0.9

RKT 39.67 100 iP 35 57.20 -0.4

1.2s 450.00nm 5.6mb

MNDI 40.26 288 eP 36 04.00 1.2

ASPA 44.02 259 iPd 36 32.90 0.2

0.9s 1009.60nm 6.1mb

Z 20s 6.90um 5.6MsZ

iS 42 35.00

iScS 45 51.10

WBZ 44.26 264 iPc 36 34.00 -0.6

0.9s 574.70nm 5.8mb

12d 22h

		iScP	40	10.00		KUR	74.11	336	iPd-	39	57.00	0.5		Z	19s	0.71um	5.0Msz			
		IS	42	39.70			0.8s	170.00nm				5.8mb		N	13s	1.07um				
WRA	44.27	264	P	36	34.50	-0.2	SHNJ	74.11	318	P	39	55.80	-1.0	E	13s	1.25um				
	0.8s	121.30nm				5.2mb	MRRJ	74.70	330	eP	39	59.20	-0.7			ed	40	38.55		
MHA	47.56	29	eP	36	59.06	-1.0	SMY	75.12	355	eP	39	57.70	-4.4X			ipPc	41	57.74	356kmX	
DHH	47.71	26	eP	36	59.07	-2.1	TATO	75.19	305	ePd	40	01.96	-1.1			ec	42	01.60		
MTN	49.11	272	iPd	37	11.20	-0.9			ed	40	05.00	10kmX		QIZ	81.55	295	eP	40	33.00	-4.3X
	0.6s	545.00nm				6.1mb			esPc	42	01.98			N	13s	1.07um				
WARB	50.19	254	eP	37	19.00	-1.2			ec	42	05.01			E	13s	1.25um				
KNA	50.44	268	iPd	37	22.00	-0.1	ASAJ	75.33	332	P	40	04.20	0.7	MIN	81.60	40	ePc	40	37.55	0.2
	0.3s	183.00nm				5.9mb	OZH	77.38	304	iPd	40	15.00	-0.2	GLA	81.73	49	eP	40	40.00	1.9
GUA	50.89	311	eP	37	25.20	-0.2		1.2s	280.00nm			5.9mb				epP	42	04.00	365kmX	
	1.0s	1424.00nm				6.3mb			sP	42	14.50		MDJ	82.01	325	ePc	40	38.52	-0.7	
GUMO	50.95	311	ePd	37	25.15	-0.7			S	49	35.50			1.0s	220.00nm				5.9mb	
	1.3s	1428.90nm				6.1mb	YSS	77.61	334	iPd	40	15.41	-0.5			e	40	41.56	10kmX	
			ed	37	27.36	7kmX			ed	40	18.72	11kmX				ed	42	02.67		
			e	37	57.40				esPc	42	14.87					isPc	42	39.92		
			esPc	39	17.72				ec	42	18.45					SKS	50	20.00		
			eS	44	17.70		PET	77.77	346	iP-	40	14.00	-2.7			S	50	26.00		
PJG	50.95	311	eP	37	25.00	-0.9			e	43	12.00			BONR	82.19	44	iPc	40	42.59	1.9
DRV	51.54	200	iP	37	30.90	1.4			ePPP	45	10.00					epP	42	06.50	364kmX	
COOL	54.39	247	iPd	37	50.10	-0.7			eS	49	36.00			KDC	82.66	14	eP	40	41.80	-0.4
KUPT	56.96	272	eP	38	11.00	1.9			e	50	00.00			TNP	82.96	44	iPd	40	46.00	1.6
	1.0s	1664.10nm				6.4mb			eSS	54	48.00				1.5s	204.55nm			5.7mb	
KLB	57.18	246	eP	38	09.60	-0.8			eSSS	58	08.00					epP	42	11.00	369kmX	
MEEK	57.22	252	iPd	38	08.50	-2.3	SSE	78.83	310	eP	40	22.00	-0.8	KVN	82.96	43	eP	40	45.13	0.7
	0.4s	78.00nm				5.5mb		1.0s	110.00nm			5.6mb	DL2	83.04	317	P	40	44.00	-0.5	
MBL	57.27	259	eP	38	07.50	-3.7X		Z	20s	1.80um				1.0s	71.00nm				5.4mb	
MUN	58.43	245	iPd	38	18.00	-0.2		N	12s	0.50um						S	50	27.00		
	0.9s	347.00nm				5.8mb		E	14s	0.70um						sS	53	00.00		
MRWA	59.05	249	eP	38	22.40	-0.8			e	40	25.39			MZX	83.15	62	(P)	40	46.00	0.6
MNI	60.42	285	ePd	38	31.50	-1.1			epPd	41	43.47	355kmX		IPM	83.32	278	ePc	40	46.00	0.3
	1.2s	2200.10nm				6.6mb			esPc	42	21.54				0.9s	473.90nm			6.3mb	
NANU	60.83	256	iPd	38	34.80	-0.4			ec	42	24.85			COR	83.33	36	eP	40	45.16	-0.7
CSY	62.22	206	iPd	38	46.10	2.4	SBC	79.19	46	ePc	40	25.34	0.6			e	40	48.47		
	0.7s	318.20nm				6.0mb			e	40	28.10					epPc	42	08.21	359kmX	
DAV	62.43	291	ePd	38	45.00	-0.8			ipPc	41	46.46	353kmX		WHN	83.49	307	Pc	40	47.50	0.6
	1.1s	718.99nm				6.2mb			ec	41	50.32				1.0s	120.00nm			5.7mb	
MKS	62.56	276	iPd	38	46.50	-0.3	PRS	79.26	43	iPc	40	25.99	0.9			sP	42	48.00		
	1.5s	8.00nm				4.1mb X	GCC	79.29	43	iPc	40	26.02	0.8			eS	50	32.00		
CGP	63.86	292	iPc	38	55.00	-0.1	PCC	79.35	42	eP	40	26.47	1.0	SNY	83.60	320	Pc	40	46.70	-0.5
PCI	63.93	280	ePc	38	57.80	2.2	SAO	79.48	43	eP	40	26.88	0.7		1.0s	130.00nm			5.7mb	
	0.8s	11.00nm				4.5mb X	HKC	79.52	299	iP	40	28.20	1.5		Z	26s	2.84um			5.5MszX
			e	42	15.00				eS	49	58.00					sP	42	50.00		
PLP	64.99	295	ePc	39	00.50	-1.8	PR1	79.59	44	iPc	40	28.02	1.0			S	50	40.00		
SPA	67.74	180	iPc	39	20.70	1.7	LLA	79.70	43	ePc	40	28.09	0.6	CN2	83.74	323	iPd	40	47.80	-0.1
	0.7s	234.38nm				6.0mb	ZSP	79.70	42	eP	40	29.05	1.7		1.0s	180.00nm			5.8mb	
			i	40	40.80	360kmX	MAW	79.75	200	iPKPd	40	28.80	1.6			epP	42	10.00	354kmX	
TSM	67.91	285	ePc	39	21.00	0.4		1.0s	248.00nm			6.0mb				esP	42	47.00		
	1.7s	1511.10nm				6.4mb	KGM	80.22	276	ePd	40	31.30	0.7	TUC	84.22	52	ePc	40	52.18	1.5
TRT	67.96	271	iPd	39	02.60	-18.3X		1.0s	387.80nm			6.2mb			1.3s	375.95nm			6.0mb	
	0.6s	462.50nm					FOX	80.31	39	iPd	40	32.20	1.8		Z	20s	0.49um			4.9Msz
TGY	69.87	295	iPd	39	34.00	1.5	EKR	80.34	39	iPd	40	31.97	1.4			e	40	54.66		
OVP	70.08	296	iPc	39	33.50	-0.2	PLM	80.48	48	iPd	40	34.00	2.2			epPc	42	14.12	353kmX	
KKM	70.16	286	ePd	39	35.70	1.3			epP	41	57.59	364kmX				ec	42	17.98		
	0.9s	334.20nm				6.1mb	FHC	80.49	39	iPd	40	32.91	1.4			S	50	46.40		
KAKJ	70.38	325	P	39	34.20	-0.8	GZH	80.57	300	iPd	40	34.60	2.4			ePKKP	58	54.30		
CHJJ	70.89	324	iPd	39	37.20	-0.9		0.8s	400.00nm			6.3mb		TIA	84.48	313	Pd	40	52.20	0.4
CVP	71.00	299	ePc	39	39.60	0.5			sP	42	32.00				1.2s	200.00nm			5.8mb	
IIDJ	71.06	323	P	39	38.90	-0.3			iS	50	12.00					pP	42	17.00	367kmX	
BCP	71.32	297	eP	39	40.20	-0.8	PEC	80.59	47	eP	40	33.00	0.9			sP	42	53.00		
BAG	71.34	297	ePd-	39	40.00	-1.4		1.0s	53.33nm			5.3mb				sS	53	15.00		
	1.3s	730.77nm				6.2mb			epP	41	57.00	366kmX		SNG	84.71	280	eP	40	55.40	2.1
WKYJ	71.48	321	P	39	41.50	-0.2			ePP	43	41.40				1.0s	180.00nm			5.8mb	
MAJO	71.68	324	iPd	39	41.41	-1.4	FR1	80.72	44	eP	40	33.25	0.6			eS	50	44.00		
			ed	39	44.44		ISA	80.73	45	eP	40	33.58	0.7	SVW	85.18	11	eP	40	54.10	-0.6
			epPd	41	01.69	356kmX		2.1s	627.05nm			6.1mb			0.8s	82.30nm			5.6mb	
			isPc	41	39.77		Z	19s	0.74um			5.1Msz		LON	85.52	35	ePc	40	57.79	1.0
MAT	71.68	324	iPd-	39	41.60	-1.2			epP	41	56.94	363kmX				epP	42	22.79	367kmX	
	1.0s	169.00nm				5.7mb			S	50	10.99					S	53	57.98		
			eS	48	32.00		PFO	80.91	48	eP	40	34.50	0.6			ePKKP	58	51.52		
NI1J	71.77	325	P	39	42.40	-0.9			e	40	37.40	9kmX				ePKKP359	01.01			
OFUJ	71.82	328	P	39	42.50	-1.0	CMB	80.92	43	ePd	40	34.39	0.6	PGC	85.90	33	ePd	40	59.00	0.6
MTMJ	71.93	324	iPd	39	43.50	-0.8		1.6s	367.95nm			5.9mb			1.0s	110.00nm			5.7mb	
YAMJ	71.94	326	P	39	43.70	-0.5		Z	19s	0.69um			5.0Msz	ACX	85.91	70	(P)	41	01.00	1.8
TSRJ	72.19	322	iPd	39	45.20	-0.5			ed	40	36.88				86.04	345	iPd	40	57.00	-1.9
TKSJ	72.23	320	P	39	45.80	-0.2			ipPc	41	56.34	356kmX			1.5s	270.00nm			5.9mb	
PIP	72.30	299	iPd	39	46.00	-0.7			ec	41	59.92			PAF	86.39	218	eP	41	03.00	2.1
KAGJ	72.31	316	P	39	46.20	-0.3			S	50	14.83			TTA	86.82	10	eP	41	02.70	0.0
KUMJ	73.24	317	P	39	51.10	-0.8	NJ2	81.02	310	Pd	40	35.00	0.7	NVL	86.82	183	iPc	41	03.00	0.4
YONJ	73.41	320	P	39	52.40	-0.4		1.0s	220.00nm			5.9mb			1.0s	201.00nm			6.0mb	
ERM	73.42	331	iPd	39	52.91	0.2			pP	41	59.50	368kmX				epP	42	27.00	360kmX	

IJI	86.88	69	(P)	41	05.50	1.5				e	44	56.50		N	14s	0.60um				
PMR	86.88	13	eP	41	02.00	-0.8	BUT	90.27	39	iPd	41	19.80	0.5			pP	43	22.00	371kmX	
	0.8s		104.70nm			5.8mb	BW06	90.41	43	iPd	41	20.00	-0.1	YKA	98.27	25	eP	41	54.10	-1.1
ENH	87.02	304	eP	41	03.99	-0.2		1.1s		83.33nm		5.6mb		ZAK	0.9s		14.60nm		5.3mb	
			e	41	07.30	10kmX	LCCM	90.58	40	ePd	42	45.59	365kmX		100.03	320	ePdiff	42	02.50	-0.9
			ed	42	27.58					e	41	21.30	0.6		1.5s		20.00nm		5.3mb	
			isPc	43	05.38					e	42	47.70	369kmX				e	46	10.00	
BJI	87.17	316	eP	41	05.00	0.3	HHC	90.61	314	Pd	41	21.50	0.6	TIK			ePS	55	18.00	
	1.5s		170.00nm			5.7mb		1.0s		120.00nm		5.8mb		100.54	345	ePdiff	42	03.00	-2.2	
			ePp	42	32.00	375kmX	Z	36s		2.72um		5.4MsZx		1.8s		32.00nm		5.5mb		
			esP	43	10.00		N	13s		0.44um			LSA	101.38	297	ePdiff	42	10.14	-0.4	
			eSKS	50	52.00		E	13s		1.01um						e	56	29.00		
			eS	51	16.00					pP	42	45.00	355kmX				esPc	44	11.53	
GYA	87.50	300	iPd	41	07.60	0.8				sP	43	20.00					eS	53	13.00	
	1.2s		95.00nm			5.6mb				PP	44	59.00		ULM	102.13	41	ePdiff	42	22.00	9.2X
			pP	42	35.40	378kmX				SKS	51	16.00		MBC	104.65	12	ePdiff	42	24.00	0.6
			PP	44	38.00					S	51	41.00			1.0s		4.00nm		5.3mb	
			sS	53	44.00					sS	54	07.00		GUN	105.21	294	Pdiff	42	29.52	2.0
UNM	87.52	68	(P)	41	08.50	1.3	CHG	90.80	290	iPd	41	23.90	1.8	PKI	105.50	294	Pdiff	42	28.18	-0.6
LOE	87.81	290	iPd	41	09.20	1.0		1.0s		232.50nm		6.1mb	KKN	105.68	294	Pdiff	42	32.26	2.9X	
			i	44	41.00					eS	51	18.00		DMN	105.77	294	Pdiff	42	31.60	1.7
PPM	87.89	69	(P)	41	10.50	1.3				eSg	00	31.00		GKN	106.28	294	Pdiff	42	32.68	0.7
TOA	87.99	14	eP	41	08.70	0.4	MEMT	91.00	40	iPd	41	23.30	0.6	SIV	107.51	116	ePdiff	42	48.00	10.5X
BALM	88.02	17	iPd	41	09.00	0.5				e	42	50.00	370kmX				e	43	42.00	
			ePp	42	39.00	388kmX	HRY	91.07	39	iPd	41	23.30	0.4	WMO	108.09	311	ePdiff	42	40.00	0.4
DAU	88.10	45	eP	41	10.00	0.4				e	42	50.10	371kmX	GBA	108.25	278	Pdiff	42	55.00	14.2X
			ePp	42	37.00	373kmX	SXM	91.14	40	eP	41	24.30	0.9	CEH	109.81	58	PKP	47	00.00	12.1X
IIT	88.15	69	(P)	41	11.50	1.4	PEL	91.50	127	iPd	41	26.00	0.7	Z	19s		0.46um		5.1Ms	

12d 22h

PDCR	126.88	127	ePKP	47	20.10	-1.1	0.9s	350.00nm		WTS	150.21	354	ePKP	48	01.50	-0.2			
MAIO	128.60	299	ePKP	47	13.00	-11.1X					1.0s	135.00nm							
			i	47	24.00		EDU	145.70	5 iPKPd	47	30.00			id	48	07.30			
			e	49	05.00			0.9s	856.00nm					id	48	13.80			
ASH	129.52	301	ePKP	47	25.00	-0.6	ELO	145.72	6 iPKPd	47	54.60	0.0	BUC	150.36	324	ePKPd	48	08.00	5.8X
	1.5s	360.00nm					KVT	145.79	311 iPKP	47	52.00	-3.2X	GBZT	150.41	315	ePKP	48	07.00	4.6X
			e	49	35.00		COP	145.85	349 iPKPd	47	55.00	0.3	ISK	150.52	315	ePKP	48	03.00	0.5
KEV	130.31	349	ePKP	47	25.00	-1.1		0.8s	507.46nm				ITU	150.53	316	iPKPd	48	04.00	1.5
BUL	130.32	214	iPKP	47	47.20	19.4X	BSD	145.91	347 iPKPd	47	54.70	-0.2	HGH	150.59	6 ePKP	48	01.70	-0.6	
			iPP	50	15.70			0.9s	410.00nm				PPCY	150.65	302	ePKP	48	07.50	4.6X
KAT	131.10	303	ePKP	47	28.00	-0.6	EAB	145.94	6 iPKPd	47	55.20	0.3	PRU	150.72	343	PKPd	48	01.80	-0.8
			i	49	48.00		EBH	145.96	5 iPKPd	47	55.60	0.6		0.9s	318.90nm				
			ePPP	52	38.00			0.9s	934.00nm						i	48	08.40		
KTK1	131.61	350	ePKP	47	18.02	-10.6X	GAZ	146.22	304 iPKP	47	45.70	-10.3X			pPKP	49	43.50		
TRO	131.66	352	ePKP	47	26.89	-1.8	EDI	146.31	5 iPKPd	47	56.30	0.8	VRAC	150.73	340	iPKPc	48	02.90	0.4
SDF	132.43	347	iPKP	47	19.70	-10.5X	ESY	146.36	5 iPKPd	47	56.50	0.9		2.2s	604.40nm				
WIN	132.92	199	ePKP	47	18.00	-14.8X		1.2s	570.00nm						e	48	08.50		
	0.8s	85.82nm					EAU	146.36	5 iPKPd	47	56.80	1.2			i	48	17.20		
LOF	133.70	354	ePKP	47	23.49	-9.1X		0.8s	774.00nm						e	49	45.30		
AKU	134.82	12	ePKP	47	36.90	2.1	EBL	146.47	5 iPKPd	47	57.10	1.3	ALT	150.77	311	ePKP	48	02.60	-0.5
	1.1s	50.63nm					ESK	146.91	5 (PKP)	47	58.76	2.3	MOX	150.80	347	iPKP	48	02.10	-0.6
BAK	135.85	305	iPKPd	47	38.00	0.5		1.0s	360.00nm					1.1s	315.00nm				
SHE	136.76	306	ePKP	47	30.00	-9.3X	KIS	147.21	325 iPKPd	47	58.00	0.8			i	48	08.60		
	1.0s	60.00nm							e	49	24.00		DEV	151.00	329	ePKPc	48	03.00	-0.1
			i	47	39.50		KAS	147.25	313 iPKPd	47	56.80	-0.8	BCK	151.10	308	ePKP	48	01.50	-2.1
			i	50	26.00		IAS	147.78	326 ePKP	48	01.00	2.9X	DRA	151.17	326	ePKPc	48	09.00	5.6X
KAF	136.94	343	ePKP	47	26.20	-12.7X	DMU	147.85	10 iPKPc	48	00.30	2.3	BNS	151.19	353	iPKPd	48	09.40	6.2X
	0.4s	3.50nm						0.8s	800.00nm				KCT	151.40	315	ePKP	48	05.30	1.4
MOS	137.51	331	ePKP	47	40.00	-0.2	HRI	148.30	297 ePKP	47	58.10	-1.5	GZR	151.42	328	iPKPc	48	02.00	-1.8
PUL	137.62	339	(PKP)	47	34.00	-6.2X	JARJ	148.32	295 PKP	47	58.50	-1.1	SRO	151.43	337	ePKP	48	03.70	0.0
GRO	138.29	311	ePKP	47	32.00	-10.0X	DCN	148.32	10 iPKPc	47	58.50	-0.3			i	48	10.70		
	Z 12s	1.00um			5.8mszX			0.9s	720.00nm						i	48	19.10		
			i	47	43.00		BIR	148.35	325 ePKP	48	06.00	6.9X	BUD	151.44	335	ePKP	48	02.70	-1.0
			i	50	41.00		DLF	148.49	10 iPKPc	47	58.70	-0.3	KHL	151.51	310	iPKP	48	08.80	4.6X
OBN	138.36	330	ePKPd	47	31.00	-10.8X		0.8s	316.00nm				ENN	151.51	355	ePKP	48	04.00	0.3
	1.2s	150.00nm					SALJ	148.57	295 PKP	48	01.20	1.2		0.8s	250.00nm				
			i	47	40.00		MASJ	148.59	294 PKP	48	01.10	1.1			id	48	09.90		
			ePP	49	04.00		WME	148.69	7 ePKP	48	02.80	3.4X			ed	48	19.00		
			i	50	41.00			1.0s	324.00nm						e	49	46.00		
			eSS	08	16.00		CFR	148.74	323 ePKP	47	59.00	-0.7	DST	151.54	313	ePKP	48	03.90	-0.3
OBN	138.36	330	iPKPd	47	40.00	-1.8	BRN	148.79	347 ePKP	48	00.50	1.0	UCC	151.59	357	PKP+	48	07.00	3.2X
	1.2s	150.00nm							ep	49	41.00				id	48	11.00		
	Z 12s	1.30um			5.9mszX		LISJ	148.86	294 PKP	48	02.00	1.7	KLL	151.60	354	iPKPd	48	10.00	6.1X
			ePKP	49	04.00		JVI	148.86	295 ePKP	47	59.50	-0.9	BNT	151.63	315	iPKP	48	08.50	4.3X
			ePKP	49	26.00		OJC	148.88	338 ePKP	47	58.90	-0.9	MEM	151.66	354	PKPc	48	04.00	0.1
			iPP	50	41.00			1.0s	383.00nm						id	48	10.20		
			iPKS	51	15.00				i	48	03.60		EDC	151.67	315	ePKP	48	09.00	4.7X
			e	52	32.00				i	48	05.50		VKA	151.74	339	iPKPd	48	03.80	-0.3
			ePPP	53	26.00				i	49	40.00			2.8s	1107.00nm				
			eSKS	53	30.00		VAL	149.05	15 iPKP	48	04.00	4.1X			i	48	11.20		
			e	55	32.00			0.9s	5.60nm				TNS	151.76	351	iPKPc	48	04.40	0.2
			ePS	00	42.00		VRI	149.08	325 ePKPd	48	03.50	3.2X			i	48	10.30		
			ePPS	02	32.00		ETA	149.12	10 ePKP	48	04.00	4.0X			ec	48	42.90		
			eSKKS	04	40.00		UZH	149.20	333 iPKP	47	59.00	-1.3			ipPKPd	49	29.00		
			eSS	08	16.00			1.7s	90.00nm				GRF	151.79	347	ePKPd	48	04.00	-0.2
NAI	138.62	240	iPKPd	47	35.00	-8.8X			e	48	02.00			Z 25s	0.50um			5.2mszX	
GRS	138.70	305	ePKP	47	32.00	-11.1X			e	51	37.00		ELL	151.88	307	ePKP	48	04.50	-0.4
	1.1s	110.00nm					FAM	149.31	301 ePKP	48	05.20	4.3X	SNF	151.88	357	iPKPc	48	04.49	0.3
			e	50	32.00		ECB	149.35	10 ePKP	48	04.40	4.0X			id	48	10.77		
NUR	138.72	343	ePKP	47	31.00	-11.2X		1.2s	663.00nm						i	48	08.00	3.6X	
	0.3s	7.10nm					BMR	149.41	331 ePKPd	48	06.00	5.3X	TIM	151.89	331	iPKPc	48	04.50	0.1
KER	138.78	297	ePKP	47	36.00	-7.4X	WIT	149.42	354 ePKP	48	02.00	1.5	WET	151.92	345	iPKPc	48	04.50	-0.5
RGS	138.99	354	ePKP	47	33.00	-9.6X			e	49	40.00		GEC2	151.99	343	ePKP	48	04.10	
MTA	139.35	308	ePKP	47	35.00	-9.0X	KSP	149.46	342 ePKP	48	00.00	-0.7		0.9s	7.91nm				
			e	47	44.00			1.0s	475.00nm				DOU	152.28	356	PKP	48	06.80	2.0
MOL	139.67	356	ePKP	47	34.21	-9.7X			id	48	05.50				id	48	12.00		
ERE	139.94	306	iPKP	47	37.00	-8.2X			i	48	07.80				e	52	03.40		
KIV	140.18	313	ePKPd	47	44.20	-1.4			i	49	40.00		ALN	152.53	318	ePKP	48	10.92	5.5X
FOO	140.77	358	ePKP	47	39.48	-6.4X	RAC	149.54	339 ePKP	48	02.00	1.2	WLF	152.58	354	PKPc	48	05.90	0.7
UPP	140.96	347	iPKP	47	38.60	-7.7X			1.0s	0.90nm					id	48	12.90		
	0.9s	200.00nm							i	48	06.00				i	48	25.00		
NAO	141.10	353	PKP	47	39.20	-7.4X			i	48	13.80		LANF	153.06	351	PKP	48	05.41	-0.6
	0.5s	10.20nm					SPC	149.57	336 ePKP	48	00.40	-0.7	HOFF	153.08	351	PKP	48	05.62	-0.3
SUE	141.32	358	ePKP	47	39.90	-7.0X			i	48	07.00		SRBF	153.12	351	PKP	48	06.18	0.1
HFS	141.39	351	ePKP	47	39.40	-7.7X	ECF	149.60	10 ePKP	48	05.00	4.3X	FUR	153.22	346	ePKP	48	05.60	-0.7
	0.4s	41.80nm						1.2s	1054.00nm						i	48	13.40		
BER	141.97	357	ePKP	47	42.30	-5.7X	RMN	149.69	292 ePKP	48	01.40	-0.4			i	48	27.00		
EGD	142.09	357	ePKP	47	42.60	-5.6X	MLR	149.74	325 ePKPd	48	00.00	-1.4	BHG	153.24	343	ePKP	48	05.60	-0.7
AAE	142.22	255	ePKP	47	49.00	-1.3	CSS	149.85	301 ePKP	48	06.40	4.6X	PRK	153.29	315	ePKP	48	14.00	7.4X
SOC	142.33	313	ePKP	47	45.00	-4.2X	CLL	149.88	346 iPKP	48	00.70	-0.5	STR	153.46	351	PKP	48	06.43	-0.1
KONO	142.38	354	iPKPd	47	43.80	-5.0X		1.9s	140.00nm				FLN	153.63	4 iPKPd	48	06.10	-0.6	
MNK	143.04	335	ePKP	47	44.00	-6.0X	EYL	150.05	314 ePKP	48	00.00	-2.0		1.0s	35.20nm				
LWI	144.09	230	iPKPd	47	52.80	-0.6	BRG	150.06	345 iPKPd	48	01.10	-0.4		Z 21s	0.32um			5.1msz	
LWI	144.09	230																	

LDF 153.81 3 iPKPd 48 06.40 -0.6
 0.8s 21.65nm
 SRS 153.88 321 ePKP 48 05.72 -1.6
 ECH 153.90 352 PKP 48 06.58 -0.6
 PTJ 153.91 337 ePKP 48 06.60 -0.7
 WATA 153.93 345 iPKPd 48 06.40 -1.0
 i 48 15.20
 i 48 30.20
 ZAG 153.97 337 ePKP 48 07.50 0.2
 GRR 153.98 4 iPKPd 48 06.80 -0.4
 0.8s 19.35nm
 WTTA 153.98 345 iPKPd 48 06.80 -0.7
 0.9s 51.00nm
 i 48 15.60
 i 48 30.60
 VITF 154.03 354 PKP 48 07.85 0.5
 FEL 154.11 351 PKP 48 06.18 -1.4
 SOTA 154.12 345 iPKPd 48 06.80 -0.8
 0.8s 43.90nm
 i 48 17.70
 SLE 154.14 350 ePKPc 48 07.20 -0.3
 HAU 154.20 353 iPKPd 48 07.20 -0.4
 1.0s 20.40nm
 Z 23s 0.20um 4.9MszX
 KNT 154.26 321 ePKP 48 15.76 7.9X
 MOF 154.26 352 PKP 48 06.48 -1.3
 LJU 154.27 339 ePKP 48 07.00 -0.7
 LPF 154.32 5 iPKPd 48 07.40 -0.3
 BSF 154.32 352 PKP 48 06.84 -1.0
 VAY 154.34 322 iPKP 48 06.60 -1.3
 1.0s 208.00nm
 i 48 15.40
 i 48 32.30
 ZLA 154.44 350 ePKPc 48 07.70 -0.3
 VOY 154.48 340 ePKP 48 06.50 -1.6
 OGA 154.50 345 iPKPd 48 08.00 -0.3
 VBY 154.50 338 iPKPd 48 07.70 -0.3
 SKO 154.53 325 iPKP 48 07.70 -0.5
 1.6s 126.00nm
 i 48 16.70
 i 48 32.00
 i 50 06.50
 i 52 12.00
 i 54 13.00
 i 55 41.00
 i 57 38.00
 PAIG 154.56 318 ePKP 47 56.52 -11.7X
 PLE 154.57 329 iPKPc 48 06.58 -1.8
 CEY 154.57 339 ePKP 48 07.80 -0.4
 BBS 154.59 351 PKP 48 07.08 -1.1
 IVA 154.67 328 iPKPc 48 08.04 -0.4
 GRG 154.68 322 ePKP 48 07.68 -0.8
 LOMF 154.79 352 PKP 48 07.30 -1.2
 TRI 154.81 340 ePKPc 48 08.00 -0.4
 e 48 32.90
 e 50 36.00
 e 51 56.00
 e 54 16.00
 e 57 36.00
 PVY 154.84 327 iPKPc 48 07.99 -0.8
 OSS 154.87 347 ePKPc 48 08.30 -0.4
 LLS 154.92 348 ePKPd 48 08.30 -0.5
 RIY 154.94 339 ePKP 48 06.90 -1.7
 BCI 154.96 327 ePKP 48 08.10 -0.7
 LOR 154.98 357 iPKPd 48 08.50 -0.4
 1.0s 41.80nm
 Z 21s 0.25um 5.0MszX
 NKY 155.15 329 iPKPc 48 08.24 -0.9
 VDL 155.20 347 iPKPd 48 08.50 -0.7
 PHP 155.26 325 ePKP 48 07.50 -1.7
 BRY 155.30 330 iPKPc 48 08.45 -0.9
 TTG 155.32 328 iPKPc 48 08.62 -0.6
 SSF 155.36 357 iPKPd 48 08.90 -0.2
 1.0s 58.40nm
 LBF 155.42 357 iPKPd 48 09.00 -0.3
 1.1s 39.55nm
 KZN 155.46 321 ePKP 48 09.50 -0.1
 OHR 155.47 324 ePKP 48 07.50 -2.1
 BDV 155.64 328 iPKPd 48 09.39 -0.3
 AVF 155.64 358 iPKPd 48 09.00 -0.5
 1.2s 35.70nm
 NPS 155.66 307 ePKP 48 09.50 -0.5
 ULC 155.67 327 iPKPd 48 09.68 -0.1
 HCY 155.67 329 iPKPd 48 09.17 -0.6
 LACI 155.68 326 ePKP 48 02.00 -7.7X
 TMA 155.68 348 ePKPd 48 09.20 -0.7

SMF 155.76 357 iPKPd 48 09.20 -0.5
 1.1s 40.05nm
 MFF 155.80 3 iPKPd 48 09.40 -0.4
 1.0s 46.80nm
 TIR 155.80 325 ePKP 48 12.00 2.1
 BGF 155.89 358 iPKPd 48 09.60 -0.3
 0.9s 25.90nm
 MMK 155.89 350 ePKPd 48 10.20 -0.1
 BCAO 155.95 224 iPKPd 48 10.40 -0.6
 0.9s 108.00nm
 ic 48 21.50
 id 48 41.00
 ic 49 45.00
 DIX 155.95 351 ePKPd 48 10.60 0.2
 EMS 156.03 351 ePKPd 48 11.90 1.5
 TCF 156.17 359 iPKPd 48 10.00 -0.3
 1.0s 71.00nm
 LSF 156.21 1 iPKPd 48 09.70 -0.6
 0.9s 45.05nm
 MAF 156.23 359 iPKPd 48 10.10 -0.3
 1.5s 60.60nm
 PLDF 156.45 357 PKP 48 10.50 -0.2
 LPL 156.61 351 iPKPd 48 11.00 -0.2
 0.9s 19.00nm
 LPG 156.62 351 iPKPd 48 11.20 -0.1
 1.0s 21.80nm
 PYM 156.69 358 PKP 48 11.10 0.0
 VLI 156.86 313 ePKP 48 12.00 0.6
 GRN 157.00 353 PKP 48 11.60 0.1
 RJF 157.15 1 iPKPd 48 11.30 -0.2
 1.0s 74.40nm
 Z 20s 0.35um 5.2MszX
 LBL 157.20 358 PKP 48 12.10 0.4
 FIR 157.32 342 ePKP 48 08.00 -3.7X
 LFF 157.50 2 iPKPd 48 11.80 -0.1
 0.7s 26.90nm
 CAF 157.53 360 iPKPd 48 12.10 0.1
 1.2s 60.40nm
 SURF 157.61 351 PKP 48 12.97 0.6
 LPO 157.77 1 iPKPd 48 12.30 0.0
 1.0s 21.80nm
 STS 157.79 21 ePKP 48 12.81 0.5
 SBF 158.11 349 iPKPd 48 12.00 -0.8
 1.0s 41.20nm
 FRF 158.53 351 iPKPd 48 12.70 -0.5
 1.1s 28.35nm
 LRG 158.68 351 iPKPd 48 13.40 0.1
 1.1s 59.85nm
 Z 23s 0.25um 5.0MszX
 ERUA 158.68 19 ePKP 48 14.30 0.9
 LMR 158.78 351 iPKPd 48 13.00 -0.4
 1.1s 25.15nm
 PGF 159.05 345 iPKPd 48 13.20 -0.7
 0.9s 32.45nm
 EPF 159.39 3 iPKPd 48 14.40 0.2
 ECRI 159.52 9 ePKP 48 15.75 1.4
 EGRA 160.18 5 ePKP 48 15.76 0.8
 EPLA 161.13 19 ePKP 48 17.38 1.3
 ETOR 161.34 9 ePKP 48 17.12 0.8
 EBR 161.60 3 ePKP 48 19.00 2.6
 LIC 162.58 156 PKPd 48 18.70 0.5
 e 49 10.20
 ECHE 162.69 7 ePKP 48 19.09 1.5
 KIC 162.81 157 PKPd 48 18.80 0.4
 0.9s 190.00nm
 e 49 11.30
 TIC 162.97 156 PKPd 48 19.10 0.5
 e 49 12.10
 EVAL 163.13 24 ePKP 48 19.74 1.7
 EVIA 163.38 12 ePKP 48 19.56 1.1
 EHOR 163.44 20 ePKP 48 19.53 1.2
 EBAN 163.55 16 ePKP 48 19.52 1.0
 ELUQ 163.98 18 ePKP 48 19.87 0.9
 EHUE 164.16 13 ePKP 48 19.80 0.6
 EALH 164.33 10 ePKP 48 21.98 2.8
 ECOG 164.44 16 ePKP 48 19.25 -0.2
 EJIF 164.61 23 ePKP 48 21.25 1.8
 MAL 164.71 20 iPKPd 48 20.00 0.5
 iPP 53 06.00
 EGUA 164.86 17 ePKP 48 19.83 0.1
 ENIJ 165.05 13 ePKP 48 21.24 1.4
 AVE 166.38 35 iPKP 48 22.00 1.0
 i 49 21.50
 IFR 167.31 28 ePKP 48 26.00 4.0X
 ANTZ 167.78 58 iPKPc 48 23.00 0.8
 TIO 168.21 42 iPKP 48 25.00 2.4
 S.D. = 1.1 on 461 of 542 obs.

? NOV 12, 1992 23h 44m 36.40±3.72s
 38.733 N ±19.0km 26.370 E ±29.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

IZM 0.78 115 iPg 44 51.40 -0.1
 eSg 45 01.90
 EZN 1.09 358 iPn 44 57.20 0.3
 DST 1.96 63 ePn 45 10.90 0.8
 EDC 1.98 35 ePn 45 10.00 -0.3
 BNT 2.02 36 ePn 45 10.00 -0.8
 KCT 2.16 45 ePn 45 13.00 0.1
 S.D. = 0.7 on 6 of 6 obs.

% NOV 13, 1992 00h 50m 52.80±0.48s
 44.988 N ±6.2km 5.107 E ±4.6km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG), 2.3 (STR).

SSB 0.50 306 Pg 51 02.26 -0.6
 Sg 51 08.85
 COLF 1.13 298 Pg 51 13.85 -0.1
 Sg 51 28.72
 LPL 1.26 65 Pg 51 16.50 0.1
 Sg 51 34.00
 LPG 1.27 66 Pg 51 17.10 0.5
 Sg 51 34.20
 LBL 1.34 281 Pg 51 18.59 1.0
 Sg 51 36.40
 PLDF 1.43 314 Pg 51 19.90 1.0
 Sg 51 37.00
 LRG 1.78 149 Pg 51 23.50 -0.3
 Sg 51 45.70
 FRF 1.81 142 Pg 51 23.70 -0.5
 Sg 51 46.40
 SMF 1.88 332 Pn 51 24.10 -1.2
 Pg 51 27.00
 Sg 51 50.50
 LMR 1.94 148 Pg 51 26.30 0.2
 Sg 51 49.70
 LBF 2.15 339 Pg 51 32.20 3.0X
 Sg 51 57.40
 CAF 2.16 269 Pn 51 29.20 -0.2
 Pg 51 34.00
 Sg 52 01.20
 MAF 2.17 306 Pg 51 33.50 4.0X
 Sg 51 59.60
 AVF 2.18 326 Pg 51 33.00 3.4X
 Sg 51 58.60
 BGF 2.23 316 Pg 51 34.70 4.4X
 Sg 52 02.20
 SSF 2.36 332 Pg 51 36.00 3.9X
 Sg 52 05.70
 TCF 2.41 304 Pg 51 37.30 4.3X
 Sg 52 07.70
 LOR 2.44 340 Pg 51 37.50 4.2X
 Sg 52 08.70
 S.D. = 0.7 on 11 of 18 obs.

? NOV 13, 1992 01h 44m 09.58±3.07s
 13.611 N ±34.4km 93.011 W ±14.4km
 DEPTH = 24.3km (2 depth phases)
 4.4mb (4 obs.)
 OFF COAST OF CHIAPAS, MEXICO (68)

TPX 1.48 29 iP 44 36.00 1.2
 iS 44 52.50
 SCX 3.13 7 iP 44 59.00 0.6
 iS 45 31.50
 OXX 4.97 314 (P) 45 29.00 4.1X
 IISM 6.79 322 (P) 45 57.50 7.2X
 IIT 7.40 317 (P) 46 05.50 6.4X
 PPM 7.65 316 eP 46 03.00 0.2
 ILL 7.81 308 eP 46 04.50 -0.3
 MRX 9.91 309 (P) 46 28.50 -5.1X
 UYO 20.51 357 iPc 48 45.50 -3.1
 WMOK 21.67 347 eP 49 00.52 0.0
 OLY 21.84 3 eP 49 02.82 0.6
 pP 49 09.40 24km
 LHS 23.53 26 (P) 49 17.56 -1.2
 ALO 24.47 333 eP 49 28.28 0.1
 1.1s 5.96nm 4.1mb
 pP 49 35.35 25km
 TUC 24.71 322 eP 49 31.23 0.8
 1.3s 12.96nm 4.4mb

13d 01h

LRM 36.07 337 eP 51 12.10 0.6
 YKA 51.18 347 eP 53 11.70 -1.0
 1.1s 5.00nm 4.4mb
 MBC 64.18 353 eP 54 45.50 1.4
 1.0s 5.00nm 4.6mb
 S.D. = 1.3 on 13 of 17 obs.

NOV 13, 1992 02h 01m 49.09± 0.40s
 43.032 N ± 3.9km 111.540 W ± 4.5km
 DEPTH = 5.0km (geophysicist)
 EASTERN IDAHO (457)
 ML 3.3 (GS), 3.6 (BUT).

PTI 0.63 255 eP 02 01.89 0.2
 S 02 12.41
 HHA 0.67 293 iPd 02 02.51 0.0
 eS 02 13.04
 BW06 1.48 99 iPd 02 15.50 -1.1
 LTMT 1.55 345 ePnc 02 16.60 -1.0
 HVU 1.55 217 ePc 02 17.39 -0.2
 TPMT 1.70 357 ePn 02 19.30 -0.5
 MCMT 2.03 333 ePn 02 24.90 0.3
 MEMT 2.60 9 ePn 02 34.30 1.6
 DAU 2.63 175 eP 02 33.82 0.6
 LCCM 2.82 355 eP 02 37.80 2.0X
 HBMT 2.86 345 ePn 02 38.20 1.7X
 LRM 2.86 347 ePn 02 38.30 1.8X
 DUG 2.99 199 eP 02 37.60 -0.6
 BUT 3.07 347 ePg 02 48.40 9.1X
 eSg 03 23.90
 SRU 3.99 169 eP 02 52.16 -0.3
 MSU 4.54 186 eP 02 59.97 -0.3
 PV10 5.02 157 ePn 03 08.00 0.8
 RSSD 5.56 76 ePn 03 14.54 -0.2
 ePg 03 29.37
 GOL 5.71 124 (Pn) 03 17.60 0.7
 1.4s 17.62nm 4.6mb X
 S.D. = 0.8 on 15 of 19 obs.

* NOV 13, 1992 03h 31m 52.48± 0.94s
 38.411 N ± 9.2km 21.877 E ± 9.1km
 DEPTH = 5.0km (geophysicist)
 GREECE (364)
 MD 3.3 (ATH).

AGG 0.71 30 eP 32 05.10 -1.5
 eS 32 17.70
 VLS 1.04 257 ePg 32 11.00 -1.6
 ATH 1.51 106 ePb 32 20.00 -0.3
 IGT 1.64 313 eP 32 24.90 2.8X
 VLI 1.89 153 ePb 32 26.50 0.8
 KZN 1.90 358 ePn 32 27.20 1.4
 KEK 2.08 309 ePb 32 29.50 1.1
 OHR 2.82 343 ePn 32 42.30 3.2X
 VAY 2.96 10 ePn 32 43.60 2.7X
 SKO 3.57 355 ePn 32 51.80 2.1X
 i 33 37.00
 iSg 33 45.20
 S.D. = 1.7 on 6 of 10 obs.

NOV 13, 1992 04h 07m 11.99± 0.82s
 38.279 N ± 7.9km 21.781 E ± 9.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 MD 3.3 (ATH).

VLS 0.94 264 ePg 07 29.50 -0.5
 ATH 1.56 101 ePb 07 39.20 -0.5
 VLI 1.81 149 ePb 07 44.00 0.6
 KZN 2.03 360 ePn 07 45.50 -1.1
 KEK 2.11 313 ePg 07 50.30 2.6X
 OHR 2.93 345 ePn 08 01.20 1.7
 VAY 3.10 11 iPn 08 02.00 0.2
 SKO 3.70 356 ePn 08 10.00 -0.4
 i 08 49.00
 i 09 03.20
 S.D. = 1.1 on 7 of 8 obs.

* NOV 13, 1992 05h 01m 40.49± 0.73s
 0.678 S ± 11.0km 127.798 E ± 14.8km
 DEPTH = 33.0km (normal)
 4.8mb (3 obs.)
 HALMAHERA, INDONESIA (267)

MNI 3.63 305 eP 02 35.50 -0.3
 eS 03 21.00
 PCI 7.96 268 ePc 03 37.30 0.4

MTN 12.53 165 eP 04 39.00 -0.4
 WB2 20.19 162 iPc 06 14.60 -0.8
 0.9s 12.60nm 4.3mb
 ASPA 23.61 166 iPc 06 50.80 1.3
 0.6s 29.70nm 5.0mb

LZH 42.84 331 eP 11 03.50
 1.6s 42.00nm 4.9mb
 GUN 49.23 309 P 10 28.48 0.0
 0.8s 55.00nm 5.6mb X
 PKI 49.44 308 P 10 29.60 -0.5
 KKN 49.65 308 P 10 31.18 -0.3
 0.9s 35.00nm 5.4mb X
 DMN 49.70 308 P 10 31.82 -0.2
 GKN 50.25 308 P 10 35.76 -0.3
 1.0s 49.00nm 5.5mb X
 S.D. = 0.7 on 11 of 11 obs.

% NOV 13, 1992 05h 25m 14.48± 1.76s
 33.579 S ± 7.3km 71.616 W ± 16.5km
 DEPTH = 27.3 ± 7.2 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.3 (SAN).

LCCH 0.11 21 iPd 25 19.75 0.2
 iS 25 23.90
 LNV 0.41 156 iPd 25 23.17 -0.2
 iS 25 29.85
 TACH 0.57 98 iPd 25 25.66 -0.3
 iS 25 34.05
 ROCH 0.79 40 iP 25 28.93 -0.8
 iS 25 39.89
 CHCH 0.88 114 iPd 25 30.33 -0.6
 iS 25 42.59
 PEL 0.89 61 iP+ 25 31.25 0.1
 iS 25 43.89
 PCH 0.92 93 iP 25 31.32 -0.3
 iS 25 44.05
 CACH 1.00 123 iPd 25 33.29 0.5
 iS 25 47.18
 FCH 1.14 78 iPd 25 36.30 1.4
 iS 25 51.36
 JACH 1.24 44 iPd 25 36.22 0.0
 iS 25 52.77
 S.D. = 0.7 on 10 of 10 obs.

* NOV 13, 1992 06h 16m 34.20± 1.19s
 39.422 S ± 6.5km 174.270 E ± 6.4km
 DEPTH = 248.7 ± 12.4 km
 NORTH ISLAND, NEW ZEALAND (159)

BSZ 0.63 127 P 17 08.10 0.7
 eS 17 28.90
 MOZ 1.01 25 P 17 09.00 -0.4
 S 17 33.00
 DRZ 1.01 82 P 17 09.70 -0.1
 CNZ 1.02 78 P 17 09.30 -0.3
 NGZ 1.06 77 Pc 17 09.80 -0.1
 DIW 1.40 191 P 17 12.10 0.1
 MNG 1.51 142 P 17 12.00 0.0
 S 17 38.20
 KIW 1.52 161 P 17 12.50 -0.3
 WAHZ 1.64 100 P 17 13.70 -0.1
 TCW 1.79 180 P 17 15.20 0.2
 CAW 1.79 160 P 17 14.90 -0.1
 MRW 1.84 170 P 17 15.30 -0.1
 eS 17 43.70
 ORZ 1.94 223 P 17 16.20 -0.1
 S 17 45.30
 PGZ 1.95 128 P 17 16.20 -0.2
 MTW 1.97 152 P 17 16.30 -0.3
 TTH 1.98 94 P 17 17.30 0.6
 MOW 2.13 160 P 17 17.70 -0.4
 BLW 2.15 155 P 17 18.10 -0.2
 AMW 2.20 149 P 17 18.60 -0.1
 PAHZ 2.24 76 eP 17 19.50 0.4
 MOH 2.25 84 P 17 19.70 0.5
 URZ 2.50 63 eP 17 20.00 -0.9
 S 17 52.70
 THZ 2.56 204 eP 17 22.70 0.3
 S 17 56.70
 DSZ 2.99 218 eP 17 27.00 0.1
 NOZ 3.04 76 P 17 27.90 0.5
 KHZ 3.04 190 eP 17 28.20 0.8
 S 18 05.30
 LTZ 3.68 204 eP 17 34.90 0.2

MOZ 4.45 195 eS 18 17.80
 eP 17 42.90 -0.8
 eS 18 32.70
 S.D. = 0.4 on 28 of 28 obs.

* NOV 13, 1992 06h 25m 36.02± 1.54s
 12.164 N ± 12.9km 88.150 W ± 9.0km
 DEPTH = 69.3 ± 16.9 km
 4.6mb (9 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

TPX 4.84 305 eP 26 50.00 2.0
 PPM 12.20 306 eP 28 27.50 -1.9
 ILL 12.54 301 (P) 28 31.50 -2.1
 MRX 14.61 303 (P) 29 01.50 1.1
 SDV 17.53 99 eP 29 37.90 0.4
 TOV 18.18 96 eP 29 45.50 0.1
 GUAN 22.19 93 iP 30 27.40 -0.6
 PRM 22.45 13 eP 30 30.81 0.6
 UYO 22.65 346 iPc 30 32.10 -0.1
 MIAR 22.82 348 ePc 30 33.90 0.0
 0.7s 32.11nm 4.9mb
 JSC 22.89 15 eP 30 36.09 1.5
 LHS 23.20 16 eP 30 38.86 1.4
 OLY 23.43 353 eP 30 39.32 -0.4
 TKL 23.72 9 eP 30 43.31 0.7
 WMOK 24.46 338 eP 30 48.87 -0.9
 SIO 24.61 344 e(P) 30 49.90 -1.3
 TUL 24.63 345 eP 30 50.20 -1.2
 0.8s 52.50nm 5.0mb
 LNO 24.63 345 ePc 30 50.00 -1.3
 e 30 56.00
 LNO3 24.63 345 eP 30 50.30 -1.1
 OCO 24.74 342 iPc 30 51.80 -0.7
 CEH 25.00 18 eP 30 55.05 0.2
 0.7s 19.98nm 4.7mb
 ELC 25.03 358 eP 30 53.80 -1.3
 ACO 26.36 340 iPc 31 06.50 -1.0
 ALQ 28.11 327 eP 31 25.28 1.6
 0.8s 3.41nm 4.0mb
 TUC 28.88 318 eP 31 33.81 3.3X
 1.0s 4.97nm 4.1mb
 GOL 31.37 334 eP 31 51.85 -0.8
 0.9s 11.55nm 4.6mb
 PV10 32.06 328 eP 31 58.20 -0.5
 SRU 33.38 327 eP 32 10.89 0.8
 PLM 33.66 313 (P) 32 15.96 3.4X
 MSU 33.85 325 eP 32 16.52 2.3
 ARUT 34.09 323 eP 32 18.36 2.2
 RSSD 34.65 340 eP 32 20.82 -0.2
 0.6s 6.12nm 4.7mb
 DAU 34.72 328 eP 32 21.18 -0.6
 BW06 35.71 333 eP 32 30.00 -0.1
 0.9s 2.68nm 4.2mb
 HVU 36.50 328 (P) 32 38.29 1.7
 CCH 36.53 143 eP 32 43.00 5.8X
 BONR 37.19 319 eP 32 43.77 1.1
 ULM 38.50 352 ePc 32 53.60 0.5
 SIV 38.73 136 P 33 00.80 5.4X
 LMN 38.99 26 eP 33 01.00 3.8X
 LRM 39.39 333 eP 33 00.90 0.1
 SES 42.49 338 eP 33 26.00 0.0
 JAQ 42.69 11 eP 33 26.50 -1.0
 FCC 46.72 356 eP 34 02.00 2.4
 BAO 48.40 124 e(P) 34 13.00 -0.5
 e 34 14.40
 BDF 48.48 124 e(P) 34 14.00 -0.2
 e 34 15.00
 YKA 53.71 345 eP 34 50.20 -2.6
 0.8s 5.70nm 4.7mb
 S.D. = 1.3 on 42 of 47 obs.

* NOV 13, 1992 06h 30m 21.84± 0.81s
 6.853 N ± 8.3km 76.554 W ± 11.3km
 DEPTH = 10.0km (geophysicist)
 4.4mb (2 obs.)
 NORTHERN COLOMBIA (99)

BOG 3.32 132 eP 31 22.00 6.8X
 iS 32 06.00
 PSO 5.68 188 eP 32 00.00 11.3X
 SDV 6.20 71 ePnd 31 57.00 1.1
 eSn 33 05.10
 TOV 7.30 66 eP 32 11.20 0.0
 iS 33 32.00
 CEOS 8.42 75 iPd 32 25.80 -1.2
 GWJ 11.16 359 iPd 33 04.24 -0.4

ZOBO 24.46 160 P 35 42.10 -0.8
Z 24s 0.20um 3.5mszX
LPB 24.70 160 P 35 36.20 -8.7X
e 42 54.00
CNCB 24.99 160 iPc 35 49.10 1.1
CCM 26.19 157 P 35 58.30 -0.6
YKA 62.09 341 eP 40 45.00 0.0
0.5s 1.60nm 4.5mb
GEC2 85.06 42 ePc 42 59.90 0.6
1.0s 1.94nm 4.3mb
e 43 04.70
e 43 11.10
e 43 17.30

S.D. = 0.9 on 9 of 12 obs.

* NOV 13, 1992 06h 38m 49.74 ± 1.65s
7.085 S ± 8.2km 147.830 E ± 20.0km
DEPTH = 73.9 ± 10.0 km
4.5mb (4 obs.)
EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 0.92 297 iPd 39 05.80 -1.9
YYYY 2.03 294 eP 39 23.20 0.6
eS 39 51.40
PMG 2.40 196 eP 39 28.20 0.6
eS 40 04.90
MDG 2.73 312 eP 39 33.80 1.6
WB2 18.29 224 eP 42 59.40 -0.7
0.2s 7.50nm 4.6mb
i 46 16.70
RMO 19.32 177 iPc 43 11.90 0.0
0.4s 9.00nm 4.4mb
ASPA 21.23 218 iPc 43 32.00 0.4
0.3s 16.00nm 4.9mb
iS 47 23.60
STK 25.35 192 eP 44 11.50 0.0
0.4s 1.40nm 3.8mb
i 44 29.50
WARB 27.71 224 eP 44 33.30 0.1
GUN 69.15 303 P 49 51.00 0.0
KKN 69.60 303 P 49 53.60 -0.1
DMN 69.69 303 P 49 53.80 -0.4
GKN 70.21 303 P 49 57.40 0.1
SIV 143.33 129 (PKP) 58 18.00 -0.3
S.D. = 0.9 on 14 of 14 obs.

? NOV 13, 1992 06h 41m 59.68 ± 2.17s
18.339 N ± 46.2km 65.939 W ± 15.6km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)
LPR 0.07 114 P 42 05.40 0.0
S 42 09.40
SJG 0.30 222 iP 42 07.50 0.0
S 42 12.70
CLLP 0.66 247 P 42 12.50 0.0
S 42 21.13
PORP 0.72 247 P 42 13.40 0.0
S.D. = 0.0 on 4 of 4 obs.

NOV 13, 1992 07h 35m 08.73 ± 0.37s
45.923 N ± 3.2km 2.937 E ± 3.5km
DEPTH = 10.0km (geophysicist)
FRANCE (538)
ML 2.4 (LDG).

PYM 0.18 164 Pg 35 12.67 -0.1
Sg 35 15.31
AGO 0.19 46 Pg 35 13.29 0.4
Sg 35 16.60
MAF 0.39 319 Pg 35 16.60 -0.2
Sg 35 22.00
PLDF 0.48 84 Pg 35 18.39 -0.1
Sg 35 25.18
TCF 0.62 306 Pg 35 20.50 -0.8
Sg 35 28.80
BGF 0.64 354 Pg 35 21.20 -0.3
Sg 35 30.00
COLF 0.67 127 Pg 35 21.52 -0.5
Sg 35 30.54
LBL 0.72 162 Pg 35 22.23 -0.8
Sg 35 31.42
AVF 0.91 18 Pg 35 26.10 -0.1
Sg 35 38.40
SMF 0.96 41 Pg 35 27.10 0.2
Sg 35 40.30

LSF 1.03 289 Pg 35 27.80 -0.5
Sg 35 41.20
RJF 1.17 239 Pg 35 30.80 0.2
Sg 35 44.80
SSF 1.20 19 Pg 35 31.30 0.1
Sg 35 47.20
LBF 1.28 34 Pg 35 32.70 0.2
Sg 35 50.40
LOR 1.49 25 Pg 35 36.20 0.7
Sg 35 56.00
LPO 1.75 226 Pg 35 41.10 1.8
Sg 36 02.70

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

& NOV 13, 1992 09h 47m 00.70s
59.198 N 136.230 W
DEPTH = 10.0km (geophysicist)
SOUTHEASTERN ALASKA (19)
<PGC-P>. ML 3.7 (PGC), 3.2
(AEIC). Felt (IV) at U.S.
Customs on the Haines Highway.
Also felt at Pleasant Camp,
British Columbia, Canada.

PLBC 0.27 345 Pgc 47 05.70 -0.7
HON 1.38 282 iP 47 23.77 -2.2
eS 47 42.04
PNL 1.69 288 iP 47 29.34 -1.0
eS 47 51.90
HYT 1.75 339 Pn 47 31.40 -0.1
BCPM 1.89 295 eP 47 32.93 -0.4
S 47 57.59
SIT 2.20 167 eP 47 34.98 -2.8
eS 48 04.33
PCA 2.23 296 eP 47 37.53 -0.8
S 48 06.40
YAH 3.02 295 eP 47 48.99 -0.7
CTGM 3.11 307 eP 47 49.82 -1.0
S 48 29.60
DLB 3.30 101 Pnd 47 52.30 -1.3
Pg 47 59.90
Sg 48 43.70
SNH 3.49 289 eP 47 55.26 -0.9
WAX 3.57 293 eP 47 56.00 -1.3
BALM 3.57 304 eP 47 57.06 -0.3
TGL 3.67 298 eP 47 58.76 0.0
HMT 4.22 289 eP 48 04.77 -1.7
KAIM 4.23 283 eP 48 04.79 -1.8
GLB 4.39 304 eP 48 08.73 -0.2
RAGM 4.43 289 eP 48 06.84 -2.7
SGAM 4.71 290 eP 48 12.10 -1.4
CVA 4.90 290 eP 48 15.95 -1.3
KLU 5.33 300 eP 48 20.93 -1.4
FID 5.38 291 eP 48 21.12 -1.8
MTU 5.86 283 eP 48 26.29 -3.3
LTI 5.96 283 eP 48 27.08 -4.0
KNK 6.47 295 eP 48 35.22 -3.1
SML 6.52 299 eP 48 36.10 -3.0

26 obs. associated

? NOV 13, 1992 09h 55m 43.14 ± 3.20s
35.25B S ± 27.8km 70.349 W ± 16.6km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

CACH 1.16 350 iPd 56 03.22 -1.6
iS 56 16.36
CHCH 1.34 349 iP+ 56 06.74 -1.2
LNV 1.57 326 iP+ 56 10.27 -0.7
iS 56 27.95
RFA 1.62 73 iPd 56 11.30 -0.6
S 56 37.70
PCH 1.64 355 iPd 56 11.97 -0.2
iS 56 31.90
TACH 1.67 343 iP+ 56 12.15 -0.5
iS 56 31.44
FCH 1.93 1 iP 56 17.41 0.8
iS 56 40.81
LCCH 2.04 330 iP+ 56 18.23 0.3
iS 56 41.88
PEL 2.13 352 iPd 56 20.12 0.9
iS 56 45.44
ROCH 2.35 346 iPd 56 23.72 1.2
iS 56 52.26
JACH 2.58 355 iPd 56 27.45 1.7
iS 56 59.30

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

? NOV 13, 1992 10h 20m 50.71 ± 3.39s
34.190 S ± 22.5km 179.936 W ± 38.8km
DEPTH = 346.4 ± 14.3 km
3.9mb (1 obs.)
SOUTH OF KERMADEC ISLANDS (179)

HBZ 3.69 202 P 21 56.70 0.0
KUZ 4.37 233 P 22 02.30 -1.5
URZ 4.71 210 P 22 06.90 -0.5
S 23 06.10
NOZ 4.71 200 P 22 08.50 1.0
WLZ 5.16 223 P 22 13.10 0.7
PAHZ 5.25 207 P 22 13.80 0.3
MOH 5.46 205 P 22 15.40 -0.4
WHH 5.50 210 eP 22 17.30 1.0
TTH 5.94 205 P 22 23.70 2.5X
MOZ 6.05 223 eP 22 23.90 1.4
eS 23 42.20
NGZ 6.13 214 eP 22 25.00 1.3
CNZ 6.18 215 eP 22 25.70 1.6
WAHZ 6.25 207 eP 22 24.30 -0.6
BSZ 6.94 215 P 22 32.70 -0.2
PGZ 7.09 204 P 22 34.60 0.0
MNG 7.38 208 P 22 37.20 -0.9
S 24 01.00
KIW 7.82 210 P 22 42.40 -0.9
MTW 7.84 206 P 22 42.50 -1.1
CAW 7.96 208 P 22 43.70 -1.3
MRW 8.21 210 P 22 46.90 -1.1
TCW 8.38 211 P 22 48.20 -1.8X
QRZ 8.93 220 P 22 55.10 -1.5
THZ 9.44 215 P 23 03.60 0.8
S 24 46.70
KHZ 9.68 210 P 23 05.20 -0.4
S 24 50.20
LTZ 10.53 213 P 23 15.90 0.0
MQZ 11.11 209 P 23 23.20 0.3
S 25 22.20
ODZ 13.04 211 P 23 48.00 2.0
WB2 42.76 277 iPc 28 16.80 -0.1
0.4s 3.10nm 3.9mb

S.D. = 1.1 on 26 of 28 obs.

NOV 13, 1992 10h 24m 09.90 ± 0.79s
38.368 N ± 7.4km 21.965 E ± 7.3km
DEPTH = 10.0km (geophysicist)
3.6mb (1 obs.)
GREECE (364)
MD 3.6 (ATH).

AGG 0.71 24 ePg 24 22.50 -1.5
eSg 24 34.66
VLS 1.10 260 ePn 24 28.00 -2.5
eSn 24 44.60
ATH 1.44 105 ePb 24 37.20 1.2
IGT 1.72 313 ePb 24 41.70 1.6
iSb 25 04.18
LIT 1.78 13 ePb 24 41.02 0.1
iSb 25 05.94
VLI 1.82 155 ePn 24 41.80 0.3
KZN 1.94 356 ePn 24 43.50 0.2
PAIG 2.05 40 ePn 24 43.78 -1.0
KEK 2.16 309 ePb 24 48.50 2.1
FNA 2.45 350 ePn 24 51.38 0.7
eSn 25 23.57
OUR 2.51 38 ePn 24 51.30 -0.1
eSn 25 22.02
SOH 2.68 23 iPn 24 53.54 -0.3
KNT 2.88 14 ePn 24 56.06 -0.6
OHR 2.88 342 iPn 25 01.20 4.4X
iSn 25 39.60
iSg 25 42.40
VAY 2.99 9 iPnd 24 58.70 0.6
SKO 3.62 354 ePn 25 10.60 3.4X
i 25 12.40
i 25 49.20
i 25 53.70

S.D. = 1.3 on 15 of 17 obs.

* NOV 13, 1992 12h 11m 01.14 ± 0.87s
38.441 N ± 7.9km 21.762 E ± 9.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

13d 12h

MD 3.1 (ATH).					
AGG	0.73	37	eP	11 14.72	-0.8
			eS	11 26.16	
VLS	0.96	254	ePb	11 19.00	-0.4
LIT	1.75	19	eP	11 35.36	3.6X
			eS	11 57.44	
KZN	1.86	0	ePn	11 34.20	0.8
VLI	1.96	151	ePn	11 35.00	0.3
OHR	2.77	345	e(Pn)	11 46.50	0.1
S.D. = 0.9 on 5 of 6 obs.					
NOV 13, 1992 12h 33m 46.21 ± 1.03s					
41.224 N ± 8.0km 22.028 E ± 8.9km					
DEPTH = 10.0km (geophysicist)					
NORTHWESTERN BALKAN REGION (383)					
ML 2.0 (SKO).					
GRG	0.39	133	ePg	33 53.20	-1.0
			eSg	33 59.50	
VAY	0.42	76	iPg	33 55.30	0.5
			iSg	34 02.60	
KNT	0.66	95	iPg	33 59.21	-0.1
			eSg	34 09.85	
SKO	0.87	330	iPg	34 02.70	-0.2
			iSg	34 14.60	
SOH	1.08	111	ePg	34 06.60	0.0
			eSg	34 24.80	
LIT	1.18	162	iPb	34 08.94	0.8
S.D. = 0.8 on 6 of 6 obs.					
* NOV 13, 1992 12h 49m 45.16 ± 0.53s					
42.407 N ± 4.2km 18.860 E ± 4.3km					
DEPTH = 10.0km (geophysicist)					
NORTHWESTERN BALKAN REGION (383)					
ML 1.6 (TTG).					
BDV	0.13	191	iPg	49 48.52	0.3
			iSg	49 51.10	
HCY	0.27	279	iPg	49 51.02	0.1
			iSg	49 55.22	
TTG	0.30	85	iPg	49 51.36	0.0
			iSg	49 56.23	
NKY	0.42	14	iPg	49 53.47	-0.3
			iSg	49 59.97	
ULC	0.53	147	iPg	49 55.42	-0.5
			iSg	50 03.71	
BRY	0.55	335	iPg	49 55.98	-0.3
			iSg	50 04.68	
PVY	0.84	77	iPg	50 01.66	0.1
			iSg	50 13.78	
IVA	0.90	58	iPg	50 02.73	0.3
			iSg	50 16.06	
PLE	1.00	23	iPg	50 04.36	0.1
			iSg	50 19.31	
S.D. = 0.3 on 9 of 9 obs.					
* NOV 13, 1992 12h 52m 58.91 ± 1.49s					
34.744 S ± 15.6km 70.701 W ± 11.4km					
DEPTH = 100.0km (geophysicist)					
CHILE-ARGENTINA BORDER REGION (127)					
MD 3.9 (SAN).					
CACH	0.63	8	iPd	53 16.56	0.5
			iS	53 29.52	
CHCH	0.81	3	iP+	53 17.77	0.1
			iS	53 32.95	
LNV	0.98	323	iP+	53 19.39	0.0
			iS	53 34.60	
TACH	1.11	350	iP+	53 20.88	0.1
			iS	53 36.53	
PCH	1.13	8	iP+	53 21.37	0.2
			iS	53 38.10	
FCH	1.45	14	iP+	53 25.30	0.0
			iS	53 45.60	
LCCH	1.46	330	iP+	53 24.79	-0.2
			iS	53 44.27	
PEL	1.60	0	iPd	53 26.88	0.1
			iS	53 47.69	
ROCH	1.79	352	iP	53 29.03	-0.4
RFA	1.84	91	ePd	53 29.80	-0.2
			S	53 52.20	
JACH	2.06	3	iP	53 32.75	-0.1
			iS	53 57.79	
S.D. = 0.3 on 11 of 11 obs.					
NOV 13, 1992 13h 58m 46.45 ± 0.49s					

35.047 N ± 7.7km 33.184 E ± 7.7km					
DEPTH = 63.9 ± 9.3 km					
CYPRUS REGION (372)					
MD 4.0 (HLW).					
CSS	0.15	125	ePc	58 55.30	-1.0
			eS	59 02.50	
FAM	0.67	94	eP	59 00.80	0.0
			eS	59 11.10	
PPCY	0.71	257	eP	59 00.90	-0.3
			eS	59 12.00	
BHL	2.34	119	Pn	59 17.00	-6.4X
			Sn	59 44.00	
ELL	3.15	303	ePn	59 37.00	2.1
SHMJ	3.16	136	Pd	59 35.05	0.2
SALJ	3.68	145	P+	59 42.23	0.0
KFNJ	3.80	146	P+	59 44.40	0.6
MASJ	3.93	147	Pd	59 45.95	0.2
MKRJ	4.05	149	P+	59 47.46	0.1
ARTJ	4.13	132	P+	59 48.86	0.3
LISJ	4.26	152	P+	59 50.80	0.6
KHL	4.40	319	ePn	59 52.50	0.1
YER	4.48	299	ePn	59 53.00	-0.5
JRDJ	4.79	153	P+	59 58.33	0.5
GHZJ	5.22	149	Pd	00 02.68	-1.3
KOT	5.23	193	ePn	00 03.50	-0.4
			eSn	00 57.00	
GEC2	19.92	320	ePn	03 14.30	-1.3
	0.6s		0.48nm		3.0mb
			e	03 17.30	
			e	03 24.50	
S.D. = 0.9 on 17 of 18 obs.					
* NOV 13, 1992 14h 00m 14.89s					
63.263 N 151.119 W					
DEPTH = 10.0km					
CENTRAL ALASKA (1)					
<AEIC> ML 2.7 (AEIC).					
KTH	0.30	17	iP	00 20.73	-0.5
TRF	0.42	63	iP	00 23.26	-0.3
			eS	00 29.71	
HUR	0.73	112	iP	00 28.80	-0.5
RND	1.03	81	eP	00 34.03	-0.4
			eS	00 47.93	
MCK	1.09	63	iP	00 35.11	-0.2
			eS	00 50.50	
SKT	1.30	189	iP	00 38.48	-0.5
			eS	00 55.96	
NEA	1.60	33	iP	00 43.41	0.2
			eS	01 04.89	
PWA	1.72	160	eP	00 44.86	-0.1
			eS	01 08.13	
MLY	1.78	5	eP	00 46.15	0.2
			eS	01 09.34	
WRH	1.81	47	eP	00 47.08	0.8
			eS	01 10.96	
GH0	1.81	145	eP	00 45.93	-0.5
SUA	1.81	174	eP	00 47.06	0.5
			eS	01 10.02	
PLRM	1.92	150	iP	00 47.60	-0.2
NCG	1.93	195	iP	00 47.59	-0.6
SML	1.95	137	eP	00 47.89	-0.5
CGLM	2.01	192	eP	00 48.95	-0.3
CCB	2.02	45	eP	00 47.93	-1.4
			eS	01 14.93	
CRP	2.06	194	eP	00 49.76	-0.4
			eS	01 17.85	
CP2	2.07	195	eP	00 50.07	-0.3
BGL	2.09	197	eP	00 50.30	-0.2
CKN	2.11	194	iP	00 50.69	0.0
MDM	2.12	35	eP	00 52.22	1.3
CKT	2.13	194	eP	00 50.56	-0.5
SPU	2.13	192	eP	00 50.50	-0.6
CKL	2.15	196	eP	00 51.22	-0.2
PMS	2.15	160	eP	00 51.55	0.2
HDA	2.17	56	eP	00 52.91	1.3
FBA	2.20	40	eP	00 53.32	1.4
KNK	2.23	145	eP	00 52.53	0.0
			S	01 20.49	
TTA	2.25	264	eP	00 53.73	0.9
SCM	2.27	128	eP	00 52.72	-0.3
GLM	2.38	42	eP	00 55.38	0.7
NKA	2.53	181	eP	01 00.12	3.5
TOA	2.56	115	iP	00 56.96	-0.2
PAX	2.58	94	eP	00 57.57	0.0
PTE	2.60	157	eP	00 58.91	1.3

SDG	2.66	104	eP	00 58.02	-0.5
DFR	2.78	196	eP	01 01.23	0.9
SLKM	2.80	171	eP	01 01.34	0.8
NCT	2.84	198	eP	01 01.81	0.6
REF	2.88	196	eP	01 02.12	0.2
TZL	2.90	112	eP	01 02.56	0.6
MPA	2.91	163	eP	01 03.08	1.1
RS2	2.92	196	eP	01 02.88	0.5
RS0	2.92	196	eP	01 03.39	1.0
RS1	2.92	196	eP	01 02.59	0.2
RED	2.96	196	eP	01 02.51	-0.3
KLU	3.00	124	eP	01 03.14	-0.3
SVW	3.02	226	eP	01 02.55	-1.1
JMA	3.02	340	eP	01 01.69	-2.1
VLZ	3.10	131	eP	01 04.26	-0.4
FID	3.34	137	eP	01 08.49	0.3
52 obs. associated					
* NOV 13, 1992 16h 01m 03.86± 0.80s					
2.400 N ± 9.9km 96.269 E ± 10.9km					
DEPTH = 33.0km (normal)					
4.9mb (17 obs.) 5.3msz (1 obs.)					
NORTHERN SUMATERA, INDONESIA (706)					
IPM	5.22	65	ePc	02 22.00	0.3
	0.8s		166.70nm		5.6mb
			e	02 50.50	
SNG	6.42	42	eP	02 39.20	0.5
CHG	16.52	9	eP	04 54.00	-0.8
KMI	23.44	15	Pd	06 13.50	2.1
	1.9s		30.00nm		4.5mb
GYA	25.92	22	P	06 35.00	0.0
	1.0s		25.00nm		4.8mb
Z	18s		8.13um		5.3msz
PKI	27.10	338	P	06 45.86	-0.3
GUN	27.24	340	P	06 47.98	0.6
DMN	27.25	338	P	06 48.50	1.1
KKN	27.35	338	P	06 47.90	-0.3
	1.0s		46.00nm		5.1mb
GKN	27.78	338	P	06 52.00	-0.1
	0.9s		52.00nm		5.2mb
XAN	33.62	19	P	07 42.30	-1.3
	1.0s		21.00nm		5.0mb
			pP	07 55.50	51kmX
LZH	34.24	11	Pc	07 47.50	-1.6
	1.5s		35.00nm		5.1mb
			sP	08 00.00	
GTA	36.98	5	eP	08 11.40	-0.8
	1.2s		26.00nm		5.0mb
TIY	38.15	21	eP	08 22.00	0.0
	15s		0.71um		4.6mszX
N	11s		0.33um		
E	13s		0.32um		
TIA	38.78	27	eP	08 25.20	-2.0
BTO	40.01	16	eP	08 38.00	0.5
HHC	40.69	18	P	08 44.80	1.7
	1.0s		28.00nm		5.0mb
Z	15s		0.47um		4.5mszX
N	15s		0.36um		
BJI	41.59	23	eP	08 51.50	1.2
	1.0s		28.00nm		4.9mb
WMQ	41.94	351	P	08 54.00	0.8
WB2	43.47	122	iPd	09 06.00	0.0
	0.6s		3.80nm		4.3mb
ASPA	44.86	127	eP	09 16.70	-0.5
	0.6s		3.70nm		4.4mb
CN2	48.68	28	eP	09 46.80	-0.1
	0.8s		3.00nm		4.4mb
Z	12s		0.36um		4.6mszX
STK	54.85	132	eP	10 34.10	0.6
	0.7s		1.20nm		4.0mb
YAK	64.54	17	eP	11 38.00	-1.6
	1.2s		50.00nm		5.5mb
BCAO	77.59	274	iPc	13 07.50	8.4X
	0.2s		4.00nm		5.1mb
GEC2	83.30	319	eP	13 24.50	-4.4X
	1.4s		1.65nm		4.0mb
S.D. = 1.1 on 24 of 26 obs.					
NOV 13, 1992 17h 38m 28.30± 0.97s					
38.051 N ± 8.3km 21.385 E ± 7.9km					
DEPTH = 10.0km (geophysicist)					
GREECE (364)					
MD 3.5 (ATH).					
VLS	0.64	282	ePg	38 40.00	-1.1
AGG	1.22	37	ePg	38 50.10	-0.9

IGT	1.69	331	eSg	39	06.66	
VLI	1.82	137	ePg	39	01.00	2.1
ATH	1.84	92	ePb	38	58.70	-1.5
KEK	2.07	324	ePg	39	08.00	4.5X
LIT	2.22	22	ePb	39	05.86	0.2
KZN	2.27	7	ePn	39	07.00	0.5
FNA	2.73	360	ePn	39	12.42	-0.6
GRG	3.01	15	ePn	39	17.00	0.2
OHR	3.09	352	ePn	39	20.25	2.2X
SOH	3.16	28	iPn	39	19.70	0.7
KNT	3.32	20	ePn	39	21.37	0.1
			eSn	39	56.62	
VAY	3.39	15	ePn	39	22.00	-0.3
SRS	3.50	28	ePn	39	25.26	1.4
SKO	3.92	1	ePn	39	28.00	-1.8
			i	40	14.30	
			i	40	21.00	

S.D. = 1.2 on 14 of 16 obs.

* NOV 13, 1992 18h 02m 02.53±0.80s
 5.679 S ± 8.8km 132.838 E ± 11.9km
 DEPTH = 33.0km (normal)
 4.5mb (2 obs.)
 ARU ISLANDS REGION, INDONESIA (204)

MTN	7.32	193	eP	03	51.10	1.2
			eS	05	10.00	
MNI	10.67	311	eP	04	36.20	0.0
KNA	10.78	201	eP	04	37.30	-0.4
	0.2s		55.00nm		6.4mb X	
			eS	06	30.00	
WWKK	10.94	80	eP	04	40.00	0.0
WB2	14.26	174	eP	05	22.10	-2.1
	0.3s		48.00nm		5.6mb X	
			eS	07	50.90	
OIS	16.18	157	iPd	05	51.00	1.8
			eS	08	38.80	
ASPA	17.91	177	eP	06	09.10	-1.8
			iS	09	18.10	
CTA	19.37	139	eP	06	33.00	4.4X
MBL	19.89	218	eP	06	32.00	-2.2
	0.4s		10.00nm		4.5mb	
WARB	21.23	196	eP	06	49.50	1.4
			eS	10	37.00	
NANU	23.69	223	iPd	07	14.40	2.1
	0.4s		7.00nm		4.5mb	
STK	27.33	164	eP	07	59.10	12.7X
	0.4s		1.20nm			
			eS	13	19.80	
MRWA	28.32	212	eP	07	56.00	0.6
			eS	13	20.00	
GUN	56.27	309	P	11	42.80	-0.1
KKN	56.67	309	P	11	45.50	-0.2
GKN	57.28	308	P	11	49.60	-0.2

S.D. = 1.5 on 14 of 16 obs.

? NOV 13, 1992 18h 14m 14.10±7.37s
 15.361 N ± 18.2km 60.494 W ± 77.8km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 2.4 (FDF).

CRM	0.73	214	ePd	14	27.60	-0.3
			S	14	37.90	
FDF	0.89	226	iPc	14	29.76	-0.5
			S	14	41.70	
MVM	0.89	206	iPc	14	29.57	-0.7
MGG	0.97	305	eP	14	31.33	0.0
			S	14	44.00	
BIM	1.01	214	ePc	14	33.49	1.5
DOG	1.27	302	eP	14	35.78	0.1
PAG	1.32	300	eP	14	36.40	0.0

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

? NOV 13, 1992 18h 22m 14.00±10.85s
 38.295 N ± 60.9km 27.225 E ± 78.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.3 (ISK).

Izm	0.11	16	iPg	22	15.20	-1.6
			iSg	22	20.20	
DST	1.71	39	ePn	22	43.50	-0.5
KHL	1.81	88	ePn	22	45.50	0.0
EDC	2.11	13	ePn	22	50.00	0.3
KCT	2.14	24	ePn	22	51.00	0.8

S.D. = 1.3 on 5 of 5 obs.

NOV 13, 1992 19h 39m 11.61±1.11s
 36.472 N ± 7.0km 7.132 W ± 9.8km
 DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR (385)
 mbLg 3.3 (MDD).

SFS	0.75	91	iP	39	35.00	8.8X
CNIL	0.88	96	iP	39	30.00	1.6
MOMI	1.15	97	iP	39	35.00	1.9
EVAL	1.15	15	iPg	39	36.00	2.9
			eSg	39	48.90	
PLAT	1.16	107	iP	39	34.00	0.6
ALJ	1.25	80	iP	39	35.00	0.2
EJIF	1.34	90	iPg	39	36.67	0.4
			eSg	39	50.60	
OJEN	1.34	106	eP	39	38.00	1.6
LIJA	1.45	72	eP	39	38.00	0.1
EHOR	2.02	48	iPnc	39	45.81	-0.3
			eSn	40	06.70	
ELUD	2.54	64	ePn	39	52.80	-0.8
			eSn	40	18.00	
EGUA	2.89	82	iPnd	39	56.83	-1.7
			eSn	40	26.60	
ECOG	2.97	73	iPnd	39	59.12	-0.6
			eSn	40	29.20	
EBAN	3.16	57	iPnc	40	01.06	-1.3
			eSn	40	32.70	
IFR	3.38	150	iPn	40	04.00	-1.6
			i	40	06.00	
			iSn	40	38.50	
ENIJ	3.99	81	ePn	40	12.02	-2.1
			eSn	40	30.30	
EVIA	4.27	58	ePn	40	15.63	-2.6X
GUD	4.77	28	ePn	40	25.31	-0.1
			eSn	41	13.20	
TIO	5.53	181	iPn	40	36.00	-0.1
			i	40	37.00	
			iSn	41	32.00	
			i	41	33.50	
ETOR	5.88	41	ePn	40	39.50	-1.5
			eSn	41	37.00	
ANTZ	8.30	197	iPn	41	15.50	0.6
			iSn	42	41.50	
			i	42	44.00	

S.D. = 1.4 on 19 of 21 obs.

% NOV 13, 1992 20h 34m 10.72±1.13s
 31.128 S ± 12.7km 68.303 W ± 17.4km
 DEPTH = 100.0km (geophysicist)
 SAN JUAN PROVINCE, ARGENTINA (137)

RTLL	0.25	215	iPc	34	25.80	0.2
			(S)	34	37.00	
CFA	0.48	173	iPc	34	27.20	0.6
			S	34	39.00	
RTCV	0.76	195	iPd	34	29.00	0.0
MDZ	1.81	195	iP	34	42.40	1.0
			iS	35	04.10	
MRA	2.55	121	iPc	34	51.70	0.5
			S	35	21.00	
CYA	3.45	40	iPc	35	03.00	-0.5
RFA	3.64	182	ePc	35	04.10	-1.9
			(S)	36	05.00	

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

% NOV 13, 1992 21h 04m 59.50±1.29s
 17.998 N ± 29.9km 66.292 W ± 7.5km
 DEPTH = 33.0km (normal)
 PUERTO RICO REGION (90)

SJG	0.18	50	iP	05	05.20	-0.7
CLLP	0.28	287	P	05	06.80	-0.2
PORP	0.33	280	P	05	07.20	-0.5
CPD	0.36	83	P	05	08.10	0.0
LPR	0.51	52	P	05	10.90	0.6
			S	05	17.16	
MGP	0.76	271	P	05	14.50	0.8

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

% NOV 13, 1992 21h 16m 26.89±0.54s
 40.147 N ± 5.0km 29.261 E ± 4.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

GBZT	0.66	12	ePg	16	40.60	0.6
			eSg	16	54.50	
KCT	0.70	279	iPg	16	41.00	0.3
			iSg	16	51.00	
DST	0.73	222	iPg	16	40.80	-0.4
			iSg	16	50.80	
EYL	0.80	58	ePn	16	42.00	-0.6
BNT	1.05	282	iPn	16	46.00	-0.7
EDC	1.09	281	iPn	16	48.00	0.7
ALT	1.27	149	iPn	16	50.80	0.2
KHL	1.83	174	ePn	16	59.00	0.3
DMK	2.02	326	ePn	17	01.00	-0.4

S.D. = 0.6 on 9 of 9 obs.

* NOV 13, 1992 21h 57m 30.05±1.46s
 1.655 N ± 10.1km 127.229 E ± 19.2km
 DEPTH = 141.6 ± 22.6 km
 4.6mb (3 obs.)
 HALMAHERA, INDONESIA (267)

MNI	2.40	265	e(P)	58	10.00	0.0
			eS	58	38.50	
BIP	6.60	352	ePc	59	06.00	0.1
CGP	7.21	340	eP	59	14.00	-0.2
			iS	00	34.00	
WB2	22.57	162	iPd	02	19.40	0.2
	0.3s		25.10nm		5.1mb	
			iS	06	19.40	
OIS	25.19	152	eP	02	44.50	0.4
ASPA	25.99	166	eP	02	50.60	-0.9
	0.7s		11.00nm		4.6mb	
			eS	07	18.50	
MRWA	32.53	198	iPd	03	50.30	0.8
KLB	34.26	194	eP	04	04.00	-0.5
MUN	35.04	196	eP	04	11.00	-0.1
STK	36.03	159	iPc	04	19.60	0.2
	0.4s		2.90nm		4.4mb	

S.D. = 0.6 on 10 of 10 obs.

* NOV 13, 1992 22h 47m 52.70±1.99s
 31.396 S ± 9.7km 72.012 W ± 18.6km
 DEPTH = 33.0km (normal)
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.0 (SAN).

TLL	1.61	41	iP+	48	19.50	0.1
			iS	48	40.00	
JACH	1.76	137	iP+	48	21.37	-0.1
			iS	48	41.77	
ROCH	1.79	152	iP	48	21.76	-0.2
			iS	48	43.47	
PEL	2.07	148	iPd	48	25.90	0.0
			iS	48	51.04	
LCCH	2.11	170	iP+	48	26.49	0.2
			eS	48	49.82	
FCH	2.41	143	iP+	48	30.91	-0.1
			iS	48	59.84	
TACH	2.43	158	iPd	48	31.01	0.1
PCH	2.55	151	iP	48	32.53	-0.3
			eS	49	01.19	
LNK	2.60	169	iP	48	33.29	0.0
CHCH	2.78	156	eP	48	35.48	-0.4
			eS	49	11.01	
CACH	2.96	157	iP	48	39.18	0.6
			eS	49	16.93	
RTCV	3.00	100	iPc	48	40.60	1.5
			S	48	51.00	
CFA	3.23	95	e(P)	48	43.40	1.1
TCA	6.35	91	eP	49	24.00	-2.5

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

* NOV 14, 1992 02h 41m 16.41±0.80s
 36.948 S ± 8.1km 176.811 E ± 12.7km
 DEPTH = 297.3 ± 8.4 km
 3.6mb (1 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

KUZ	0.90	283	P	41	55.40	-0.8
URZ	1.33	170	P	41	57.70	-0.8
			S	42	29.20	
HBZ	1.35	119	P	41	57.40	-1.2
PAHZ	1.92	174	P	42	02.90	0.3
NOZ	1.93	150	P	42	02.90	0.2
WHH	1.95	187	eP	42	02.90	-0.1
MOH	2.20	173	P	42	05.40	0.5
MAHZ	2.39	160	eP	42	07.20	0.6
NGZ	2.42	203	P	42	07.80	0.8

14d 02h

CNZ 2.46 204 eP 42 08.50 1.2
 DRZ 2.52 203 eP 42 09.30 1.2
 TTH 2.59 180 P 42 09.20 0.9
 WAHZ 2.77 187 P 42 10.30 0.2
 BSZ 3.21 207 eP 42 15.40 1.0
 PGZ 3.69 186 eP 42 19.80 0.3
 MNG 3.81 195 P 42 20.40 -0.4

43 10.20 S
 KIW 4.18 200 P 42 24.80 -0.1
 MTW 4.33 193 eP 42 26.00 -0.6
 CAW 4.37 198 eP 42 26.80 -0.3
 AMW 4.43 190 eP 42 27.70 0.0
 DIW 4.46 209 eP 42 26.50 -1.6
 MRW 4.58 200 P 42 29.20 -0.2

43 24.80 eS
 MOW 4.63 195 eP 42 30.00 0.0
 TCW 4.69 204 eP 42 30.40 -0.3
 THZ 5.68 211 eP 42 42.80 0.4
 KHZ 6.02 204 P 42 46.30 0.0

43 56.00 eS
 LTZ 6.79 210 eP 42 55.30 -0.5
 44 11.10 eS

MQZ 7.46 204 eP 43 02.80 -1.1
 ASPA 39.02 277 eP 48 16.60 0.3
 1.3s 3.80nm 3.6mb

WRA 40.64 283 P 48 30.00 0.5
 0.5s 0.30nm 2.8mb X
 S.D. = 0.7 on 30 of 30 obs.

? NOV 14, 1992 03h 58m 56.72± 3.59s
 38.094 N ±16.2km 27.253 E ±47.3km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.2 (ISK).

IZM 0.30 1 iPg 59 02.30 -0.8
 59 08.30 iSg

YER 1.26 139 iPn 59 20.00 -0.2
 DST 1.85 35 ePn 59 29.00 0.2
 EDC 2.30 12 ePn 59 37.00 1.8

KCT 2.32 21 ePn 59 34.90 -0.6
 BNT 2.32 13 ePn 59 35.00 -0.5
 S.D. = 1.2 on 6 of 6 obs.

? NOV 14, 1992 04h 10m 23.64± 4.93s
 38.784 N ±19.1km 26.426 E ±41.3km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.4 (ISK).

IZM 0.76 120 iPg 10 38.80 0.3
 10 46.80 eSg

DST 1.90 64 iPn 10 56.50 0.1
 EDC 1.92 35 iPn 10 57.00 0.4
 KCT 2.09 45 iPn 11 00.30 1.1

KHL 2.47 100 ePn 11 04.00 -0.7
 ALT 2.89 83 ePn 11 11.00 0.4
 ISK 3.05 41 ePn 11 11.00 -1.7

DMK 3.20 18 ePn 11 15.10 0.2
 S.D. = 1.0 on 8 of 8 obs.

? NOV 14, 1992 05h 24m 10.05± 1.25s
 39.263 N ±13.3km 21.477 E ± 8.4km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

AGG 0.71 110 ePg 24 24.17 0.2
 24 35.61 iSg

IGT 0.93 287 ePg 24 27.48 -0.3
 iSg 24 41.74
 LIT 1.15 43 ePg 24 30.92 -0.6

FNA 1.52 357 ePb 24 38.00 0.7
 24 47.76 eSg
 S.D. = 0.9 on 4 of 4 obs.

* NOV 14, 1992 05h 27m 55.97± 0.74s
 37.503 S ± 9.0km 176.772 E ± 9.5km
 DEPTH = 200.0km (geophysicist)
 NORTH ISLAND, NEW ZEALAND (159)

TAZ 0.76 196 P 28 25.30 0.8
 URZ 0.80 161 P 28 24.00 -0.7

28 43.80 S
 PATZ 0.97 205 P 28 26.60 0.7
 KUZ 1.13 312 P 28 26.40 -0.5

HBZ 1.22 95 P 28 26.40 -1.2
 PAHZ 1.37 171 P 28 29.20 0.3

WHH 1.40 189 P 28 29.60 0.4
 NOZ 1.50 138 P 28 30.10 0.2
 MOH 1.65 170 P 28 32.00 0.6
 MAHZ 1.90 153 P 28 34.00 0.3
 NGZ 1.91 208 eP 28 35.30 1.3
 CNZ 1.95 209 eP 28 35.90 1.5

TTH 2.04 179 P 28 36.20 1.1
 WAHZ 2.22 188 P 28 37.50 0.3
 PGZ 3.14 187 P 28 47.50 -0.1
 MNG 3.27 197 P 28 49.00 -0.3

29 29.00 eS
 KIW 3.65 203 P 28 53.30 -0.7
 MTW 3.78 195 P 28 54.60 -0.9

CAW 3.84 200 P 28 55.50 -0.7
 AMW 3.88 191 P 28 55.90 -0.8
 DIW 3.97 213 P 28 58.00 0.1

MRW 4.05 203 eP 28 57.80 -1.1
 TCW 4.18 207 P 28 59.70 -0.8
 S.D. = 0.8 on 23 of 23 obs.

& NOV 14, 1992 05h 38m 36.75s
 34.189 N 116.432 W

DEPTH = 1.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS). Felt.

PEC 0.67 244 iPc 38 49.61 -0.6
 38 58.87 eS

PLM 0.91 203 ePd 38 53.96 -0.9
 39 06.62 eS

SSK 1.05 272 ePc 38 56.45 -1.0
 GSC 1.15 345 ePc 38 58.42 -0.8
 39 16.07 eS

GLA 1.75 130 ePn 39 06.44 -2.1
 39 09.71 ePg
 39 34.31 eS

5 obs. associated

NOV 14, 1992 05h 54m 48.23± 0.37s
 22.991 S ± 9.6km 45.847 E ± 6.7km
 DEPTH = 22.9km (11 depth phases)

5.1mb (39 obs.) 4.8Msz (17 obs.)
 MADAGASCAR (583)

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 8S, 10C

Centroid Location:
 Origin Time 05:54:54.8 0.9
 Lat 23.01S Lon 45.54E 0.24
 Dep 15.0 FIX Half-duration 1.1

Moment Tensor: Scale 10**16 Nm
 Mrr=-3.68 0.63 Mtt=-0.39 0.75
 Mff= 4.08 0.83 Mrt= 0.00 0.00
 Mrf= 0.00 0.00 Mtf=-0.83 0.75

Principal Axes:
 T Vol= 4.22 Plg= 0 Azm=260
 N -0.54 0 170
 P -3.69 90 180

Best Double Couple: Mo=4.0*10**16
 NP1: Strike=350 Dip=45 Slip=-90
 NP2: 170 45 -90

SLR 16.24 257 iPd 58 32.00 -4.7X
 1.5s 180.56nm 5.0mb

Z 17s 3.40um
 01 18.50 i

BUL 16.28 277 ePn 58 30.90 -6.3X
 01 19.10 iSn
 02 31.00 iLg

BLF 18.67 247 iPc 59 04.00 -3.1
 1.1s 94.59nm 4.9mb
 02 22.00 i

NAI 23.31 337 iPd 00 00.20 4.4X
 Z 22s 0.30um 3.7MszX
 04 14.00 eS

WIN 26.49 265 eP 00 25.80 -0.3
 1.0s 20.00nm 4.7mb
 Z 18s 3.82um 5.0Msz

MAW 45.86 171 P 03 15.10 5.0X
 GBA 47.74 43 P 03 25.00 -0.6
 HY8 51.34 41 iPd 04 01.50 8.3X

1.2s 85.70nm 5.6mb
 DMN 62.99 39 P 05 14.96 -1.0
 1.0s 26.00nm 5.3mb

GKN 63.02 38 P 05 14.80 -1.2
 0.9s 49.00nm 5.6mb
 PKI 63.14 39 P 05 15.70 -1.3

0.7s 13.00nm 5.2mb
 KKN 63.23 39 P 05 16.38 -1.1
 0.8s 14.00nm 5.1mb

GUN 63.67 39 P 05 19.62 -0.9
 0.9s 58.00nm 5.7mb
 CHG 66.44 56 eP 05 38.00 -0.3

KIV 66.68 358 ePd 05 39.60 0.2
 PYA 66.74 358 iP 05 40.00 0.4
 Z 16s 0.50um 4.8MszX

KSH 68.21 25 P 05 50.00 0.8
 FRU 70.66 22 eP 06 04.00 0.0
 1.8s 70.00nm 5.5mb

06 29.00 97kmX
 SRO 74.70 341 i(P) 06 25.90 -1.8
 SPC 75.40 343 eP 06 31.40 -0.5

OJC 76.45 343 eP 06 37.00 -0.6
 06 43.70 21km
 GYA 76.66 54 iPd 06 39.00 -0.5

1.2s 30.00nm 5.2mb
 06 47.20 26km
 WMO 76.77 30 P 06 39.80 0.2

2.0s 22.00nm 4.8mb
 LPG 76.88 333 eP 06 40.00 -0.5
 1.0s 10.00nm 4.8mb

LPL 76.91 333 eP 06 40.50 0.0
 1.4s 15.70nm 4.9mb
 GEC2 77.06 339 eP 06 40.50 -0.7

1.0s 3.02nm 4.3mb
 06 46.90 20km
 06 55.60 e

07 03.80 e
 CD2 77.16 48 Pd 06 41.80 -0.2
 0.8s 58.00nm 5.7mb

06 50.00 26km
 EPF 77.91 328 iPd 06 46.70 0.8
 1.7s 61.00nm 5.4mb

TOL 77.95 323 eP 06 46.00 -0.1
 KSP 78.00 341 eP 06 44.00 -2.2
 OBN 78.17 355 eP 06 47.00 0.1

1.0s 14.00nm 5.0mb
 06 55.50 27km
 CAF 78.50 330 iPd 06 50.30 1.2

1.7s 80.15nm 5.5mb
 GRF 78.63 338 iPd 06 50.10 0.4
 1.6s 77.00nm 5.5mb

Z 20s 0.10um 4.1Msz
 06 56.00 19km
 BRVK 78.65 15 iPd 06 50.00 0.3

1.4s 25.00nm 5.1mb
 Z 18s 0.25um 4.6Msz
 N 20s 0.19um

LPO 78.73 329 iPd 06 51.30 1.0
 1.2s 19.95nm 5.0mb
 BSF 78.74 334 iPd 06 50.30 -0.2

1.4s 15.70nm 4.9mb
 CDF 79.02 335 eP 06 51.70 -0.2
 1.6s 31.10nm 5.1mb

SMF 79.03 332 iPd 06 52.10 0.2
 1.4s 29.20nm 5.1mb
 LBF 79.24 332 iPd 06 53.20 0.1

1.3s 22.40nm 5.0mb
 MAF 79.26 331 eP 06 54.40 1.2
 AVF 79.36 332 iPd 06 54.10 0.5

1.7s 50.75nm 5.3mb
 ASPA 79.41 111 eP 06 53.80 -0.8
 1.0s 8.30nm 4.7mb

CLL 79.42 340 eP 06 54.00 0.1
 TCF 79.47 331 iPd 06 55.30 0.9
 1.4s 34.85nm 5.2mb

LOR 79.51 332 iPd 06 54.90 0.4
 1.2s 15.75nm 4.9mb
 ARU 79.81 7 ePd 06 56.00 0.1

1.8s 100.00nm 5.5mb
 07 02.50 21km
 GTA 79.96 40 Pd 06 57.80 0.5

1.5s 35.00nm 5.2mb
 Z 20s 0.52um 4.9Msz
 07 06.00 26km

LZH 80.34 44 P 06 59.70 0.3
 2.0s 57.00nm 5.2mb
 Z 20s 0.35um 4.7Msz

07 08.70 29km
 WRA 81.11 108 P 07 04.20 0.5
 0.5s 6.00nm 4.9mb

XAN 82.52 48 P 07 09.70 -1.0
 1.5s 31.00nm 5.2mb
 pP 07 16.50 22km

STK 82.78 121 P 07 08.19 -4.0X
 ELT 83.62 23 eP 07 16.00 0.2
 1.8s 66.00nm 5.5mb
 WHN 84.55 54 eP 07 22.00 1.0
 NUR 84.97 350 eP 07 22.20 -0.2
 KAF 86.24 351 iP 07 28.70 0.0
 0.7s 20.10nm 5.5mb
 HFS 86.89 345 eP 07 31.90 -0.1
 0.5s 1.00nm 4.3mb
 BTO 86.91 43 P 07 33.00 0.4
 BDF 87.36 254 e(P) 07 36.00 0.6
 e 07 40.90 15km
 e 07 43.00
 BAO 87.44 254 e(P) 07 37.00 1.2
 e 07 40.50 11kmX
 e 07 43.00
 e 07 39.00 1.0
 HHC 88.03 44 P 07 39.00 1.0
 1.6s 23.00nm 5.3mb
 CBM 122.64 312 PKP 13 50.00 6.5X
 Z 21s 0.31um 4.9msz
 HRV 125.11 307 PKP 14 00.00 11.6X
 Z 20s 0.12um 4.6msz
 RSNY 127.21 309 PKP 14 00.00 7.5X
 Z 21s 0.11um 4.5msz
 CEH 130.94 298 PKP 14 10.00 10.2X
 Z 18s 0.21um 4.9msz
 PMR 140.07 11 PKP 14 30.00 13.9X
 Z 18s 0.25um 5.0msz
 MIAR 142.84 297 PKP 14 30.00 8.1X
 Z 21s 0.14um 4.7msz
 LNO 144.42 300 e(PKP) 14 20.90 -3.5X
 TUL 144.43 300 e(PKP) 14 22.10 -2.4
 0.8s 13.70nm
 e 14 28.00
 MEO 146.88 299 iPKPc 14 30.30 1.6
 WMOK 147.05 299 ePKP 14 28.96 0.0
 ePKPbc14 30.53
 SES 147.23 332 ePKP 14 30.00 1.2
 RSSD 147.51 318 ePKP 14 30.41 0.7
 Z 20s 0.12um 4.7msz
 ePKPbc14 31.93
 GOL 150.48 311 PKP 14 50.00 15.5X
 Z 21s 0.14um 4.7msz
 LRM 151.20 328 ePKPd 14 41.90 6.5X
 e 14 48.60
 NEW 151.36 336 ePKP 14 35.50 0.3
 ePKPbc14 41.50
 ePKPab14 48.00
 BW06 151.61 320 iPKP 14 44.79 8.7X
 iPKPab14 48.00
 DPW 152.09 337 ePKP 14 37.16 0.8
 iPKPbc14 43.88
 ePKPab14 50.47
 HHA 152.90 324 (PKP) 14 37.43 -0.3
 ePKPbc14 46.34
 ePKPob14 52.61
 ALO 153.09 302 PKP 14 50.00 11.6X
 Z 19s 0.12um 4.7msz
 DAU 154.02 317 ePKP 14 40.11 0.5
 MSU 155.67 315 ePKP 14 43.10 1.3
 TUC 157.35 299 PKP 15 00.00 16.0X
 Z 20s 0.17um 4.8msz
 HON 157.85 90 PKP 15 00.00 15.3X
 Z 19s 0.12um 4.7msz
 LGPM 159.75 335 ePKP 14 47.65 1.2
 e 14 55.18
 ePKPab15 26.41
 e 15 31.28
 WDC 159.91 333 PKP 15 00.00 13.5X
 Z 21s 0.22um 5.0msz
 GSC 160.54 313 ePKP 14 49.74 2.3X
 ePKPab15 29.64
 e 15 37.28
 CMB 160.92 325 PKP 15 00.00 12.4X
 Z 19s 0.15um
 ISA 161.42 316 PKP 15 00.00 11.8X
 Z 21s 0.13um
 S.D. = 0.9 on 65 of 88 obs.
 ? NOV 14, 1992 06h 40m 26.96±3.12s
 6.220 S ±17.1km 147.860 E ±31.1km
 DEPTH = 67.0 ±15.7 km
 4.9mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 LAT 0.96 243 iPc 40 44.40 -0.6
 YYYY 1.88 269 eP 40 59.70 2.1

MDG 2.28 295 eS 41 31.40
 PMG 3.24 192 eP 41 02.60 -0.5
 MNDI 4.18 271 eP 41 16.40 -0.1
 WWKK 4.95 301 eP 41 39.00 9.1X
 QIS 16.35 209 eP 41 40.00 -0.6
 WB2 18.93 223 iPc 44 13.80 0.0
 0.2s 15.20nm 4.9mb
 eS 48 17.10
 RMQ 20.17 178 iPc 44 59.30 0.6
 ASPA 21.94 216 iPd 45 16.70 0.2
 0.4s 33.70nm 5.1mb X
 eS 49 19.80
 WARB 28.36 223 eP 46 17.50 0.6
 S.D. = 1.2 on 10 of 11 obs.
 & NOV 14, 1992 07h 01m 03.93s
 34.967 N 116.939 W
 DEPTH = 4.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.5 (PAS), 3.3 (GS).
 Felt.
 GSC 0.35 18 iPc 01 10.64 -0.4
 SSK 0.98 220 iPd 01 21.94 -1.2
 S 01 34.48
 PEC 1.09 190 iPd 01 23.70 -1.2
 ISA 1.43 299 eP 01 29.27 -1.5
 PLM 1.61 178 eP 01 32.43 -0.9
 eS 01 54.45
 ABL 1.88 267 ePn 01 35.54 -1.7
 eS 02 03.03
 BCH 2.59 276 ePn 01 44.68 -2.7
 GLA 2.59 137 ePn 01 43.82 -3.5
 S 02 27.05
 MTUM 2.72 332 (P) 01 46.89 -2.4
 PKEM 2.81 294 (P) 01 48.25 -2.1
 PHAM 2.96 288 ePn 01 49.27 -3.2
 MRCM 2.98 335 ePn 01 52.29 -0.7
 TNP 3.12 356 ePn 01 52.86 -2.1
 MMPM 3.13 328 ePn 01 55.02 -0.2
 ePg 02 00.80
 MEMM 3.14 330 ePn 01 54.12 -0.9
 ePg 02 01.74
 ePg 02 05.39 -0.5
 BONR 3.18 340 ePn 02 05.84 -1.4
 ARUT 3.99 44 ePn 02 16.59
 ePg 02 08.08 -1.1
 CMB 4.13 319 eP 02 11.83 -1.4
 ARN 4.41 304 eP 02 23.25 -1.5
 MSU 5.21 46 ePn 02 39.06
 ePg 02 38.52 0.5
 DUG 6.16 31 (Pn) 02 58.58
 ePg 02 44.30 0.2
 SRU 6.59 49 ePn 03 04.55
 ePg
 22 obs. associated
 & NOV 14, 1992 07h 17m 16.40s
 34.973 N 116.940 W
 DEPTH = 4.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.4 (PAS), 3.3 (GS).
 Felt.
 GSC 0.35 19 iPc 17 23.08 -0.3
 SSK 0.98 219 ePd 17 34.48 -1.2
 S 17 48.24
 PEC 1.09 190 eP 17 36.37 -1.1
 eS 17 50.53
 ISA 1.43 299 eP 17 41.77 -1.4
 PLM 1.62 178 ePc 17 44.62 -1.3
 eS 18 06.97
 ABL 1.88 267 ePn 17 47.91 -1.8
 eS 18 15.07
 8CH 2.59 276 ePn 17 57.77 -2.0
 GLA 2.60 137 ePn 17 56.45 -3.4
 MTUM 2.71 332 ePn 18 00.56 -1.2
 ePg 18 06.92
 PKEM 2.80 294 (Pn) 18 02.95 0.1
 PHAM 2.95 288 ePn 18 04.61 -0.3
 MRCM 2.98 335 ePn 18 04.57 -0.8
 TNP 3.11 356 ePn 18 06.41 -0.9
 MMPM 3.13 328 ePn 18 07.89 0.3
 iPg 18 13.99
 eS 18 54.75
 MEMM 3.14 330 (Pn) 18 07.48 0.1
 ePg 18 14.06

BONR 3.17 340 ePn 18 07.94 -0.3
 ePg 18 16.55
 ARUT 3.98 44 ePn 18 18.24 -1.4
 CMB 4.13 319 ePn 18 20.81 -0.8
 Lg 19 24.66
 ARN 4.41 304 eP 18 24.44 -1.2
 MSU 5.21 46 ePn 18 36.09 -1.0
 ePg 18 51.10
 NTYM 5.72 308 (P) 18 43.41 -0.8
 DUG 6.16 31 (P) 18 51.80 1.4
 ePg 19 11.38
 SRU 6.59 49 ePn 18 57.13 0.6
 ePg 19 16.66
 23 obs. associated
 ? NOV 14, 1992 07h 56m 50.44±1.58s
 15.408 N ±7.4km 60.375 W ±24.5km
 DEPTH = 83.7 ±21.5 km
 LEEWARD ISLANDS (92)
 MD 3.6 (TRN).
 CRM 0.83 219 iPc 57 07.92 -0.1
 DTMT 0.96 260 eP 57 09.51 0.0
 eS 57 20.24
 DSVT 0.98 260 eP 57 09.51 -0.2
 eS 57 20.18
 DPMT 0.99 261 eP 57 09.64 -0.1
 eS 57 20.44
 MVM 0.99 211 iPc 57 10.01 0.2
 FDF 1.01 228 iPc 57 09.71 -0.4
 S 57 22.68
 BIM 1.11 217 iPc 57 11.37 0.0
 S 57 25.40
 DOG 1.35 298 eP 57 14.44 0.1
 PAG 1.40 296 iPd 57 15.06 0.0
 S 57 31.60
 SLW 1.48 202 eP 57 16.50 0.4
 eS 57 32.00
 BPA 2.16 319 eP 57 24.50 -0.7
 S 57 50.00
 MGH 2.20 307 eP 57 26.10 0.4
 eS 57 48.86
 SVB 2.29 202 eP 57 27.80 0.9
 eS 57 51.00
 CPB 2.62 328 eP 57 31.39 -0.1
 eS 58 00.07
 NEV 2.72 309 eP 57 33.35 0.5
 eS 58 02.60
 GRW 3.46 201 eP 57 42.15 -1.1
 eS 58 16.23
 S.D. = 0.5 on 16 of 16 obs.
 * NOV 14, 1992 08h 19m 27.49±1.46s
 26.445 S ±11.3km 179.290 E ±7.8km
 DEPTH = 545.4 ±20.3 km
 4.9mb (23 obs.)
 SOUTH OF FIJI ISLANDS (171)
 WCZ 10.37 203 P 21 52.40 2.5
 0.6s 65.00nm 5.1mb
 KUZ 10.71 196 P 21 55.10 1.7
 HBZ 11.15 184 eP 21 57.30 -0.5
 0.4s 41.00nm 5.1mb
 WLZ 11.81 194 P 22 06.50 1.9
 0.8s 47.00nm 5.0mb
 URZ 11.92 188 P 22 03.90 -1.8
 eS 24 12.70
 NOZ 12.18 185 eP 22 07.50 -0.8
 0.2s 20.00nm 5.2mb
 DZM 12.50 288 iPd 22 10.50 -1.2
 iS 24 27.00
 MOZ 12.61 196 eP 22 14.60 2.0
 PGZ 14.36 189 P 22 28.50 -1.7
 0.5s 148.00nm 5.7mb
 MNG 14.49 192 P 22 30.50 -1.0
 S 25 01.10
 KIW 14.83 193 P 22 33.30 -1.6
 MTW 15.01 191 P 22 35.00 -1.7
 CAW 15.04 192 P 22 35.20 -1.8
 AMW 15.11 190 P 22 36.20 -1.4
 BLW 15.22 191 P 22 38.00 -0.7
 MRW 15.23 193 P 22 37.40 -1.4
 S 25 15.40
 TCW 15.30 194 P 22 39.10 -0.5
 ORZ 15.40 200 P 22 42.40 1.9
 0.4s 124.00nm 5.8mb
 THZ 16.16 197 P 22 48.70 0.7

14d 08h

KHZ	16.62	195	P	25	36.70	0.8
	0.4s	83.00nm		22	53.10	5.7mb
LTZ	17.28	198	P	25	42.40	0.9
	0.3s	42.00nm		22	59.80	5.5mb
MQZ	18.05	196	eP	23	06.40	0.2
			S	26	09.20	
BWZ	19.58	200	P	23	20.30	-0.4
RMO	27.31	263	iPd	24	31.40	1.1
	0.4s	34.00nm		25	00.30	5.3mb
CMS	29.63	252	iPd	24	51.00	0.5
	0.5s	7.00nm		25	02.00	4.5mb
TOO	30.58	240	iPd	25	00.30	1.8
	0.4s	26.00nm		25	02.00	5.2mb
CTA	30.94	275	iPd	25	02.00	0.3
	1.0s	30.00nm		25	00.00	4.9mb
BFD	32.83	242	iPc	25	19.00	1.6
	0.4s	5.00nm		25	22.10	4.5mb
STK	33.25	252	iPc	25	22.10	1.1
	0.5s	13.70nm		30	05.90	4.8mb
PMG	34.81	293	eP	25	32.90	-1.3
LAT	36.49	297	eP	25	47.00	-1.0
OIS	36.76	271	iPd	25	50.00	-0.2
	0.2s	9.00nm		26	24.70	5.0mb
ASPA	41.05	264	eP	26	24.70	-0.4
	0.5s	36.60nm		27	47.80	5.2mb
			iS	31	54.50	
			iPcS	32	00.70	
WRA	41.66	269	P	26	31.40	1.5
	0.5s	3.80nm		27	10.00	4.2mb
MTN	47.07	277	eP	27	10.00	-1.9
KNA	48.06	272	eP	27	18.70	-0.7
MBL	54.25	262	eP	28	00.70	-3.8X
MAW	75.15	201	P	30	19.10	4.3X
BCH	83.91	46	eP	31	01.38	0.3
ARN	84.35	43	eP	31	03.05	-0.1
HMR	84.69	43	(P)	31	05.58	0.9
KMPM	84.79	40	eP	31	05.75	0.5
PLM	84.93	49	eP	31	06.26	0.0
PEC	85.05	48	eP	31	06.59	0.0
	0.8s	6.97nm		31	07.58	4.3mb
ISA	85.24	46	eP	31	07.58	0.0
	0.8s	14.16nm		31	08.22	4.7mb
CMB	85.48	43	iPc	31	08.22	-0.4
	0.8s	6.53nm		31	10.00	4.4mb
ORV	85.76	42	eP	31	10.00	0.1
LGPM	85.85	40	ePc	31	10.83	0.4
GSC	86.11	47	ePd	31	11.73	-0.1
GLA	86.14	50	eP	31	12.80	0.9
LBFM	86.67	40	eP	31	14.34	-0.2
BONR	86.73	45	iPc	31	14.82	-0.1
TNP	87.49	45	ePc	31	19.39	0.9
	0.8s	7.06nm		31	24.44	4.5mb
TUC	88.57	53	eP	31	24.44	1.1
	0.8s	8.20nm		31	26.21	4.7mb
BMW	89.26	36	eP	31	26.21	0.0
ARUT	89.76	47	eP	31	29.16	0.3
CHG	89.98	291	eP	31	31.00	1.0
GMW	90.19	35	eP	31	30.60	0.2
MSU	90.99	47	iPc	31	35.10	0.5
HVU	92.41	44	(P)	31	40.73	-0.2
DAU	92.62	46	eP	31	42.48	0.3
FBA	94.56	13	eP	31	48.70	-1.4
	1.0s	3.75nm		37	31.50	4.5mb
LMN	126.19	51	ePKP	37	31.50	2.2
KAF	140.04	341	iPKP	37	46.30	-8.4X
UPP	144.28	344	iPKP	38	00.00	-2.1
NAO	144.74	350	PKP	38	01.40	-1.5
	0.8s	21.20nm		38	01.20	
HFS	144.89	347	ePKP	38	01.20	-2.0
	0.4s	9.00nm		38	23.00	
KSP	152.39	336	iPKPd	38	23.00	8.0X
			e	38	33.00	
CLL	153.06	341	iPKP	38	23.90	8.0X
			i	38	36.70	
S.D. = 1.2 on 64 of 69 obs.						
% NOV 14, 1992 08h 35m 28.41±1.02s						
39.124 N ± 9.0km 27.572 E ± 17.1km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 2.8 (ISK).						
IZM	0.76	199	iPg	35	43.40	0.0

DST	0.95	59	iSg	35	54.90	
EDC	1.24	10	ePn	35	46.30	-0.2
BNT	1.26	12	ePn	35	52.00	0.5
KCT	1.28	28	iPn	35	50.80	-1.0
	1.28	28	iPn	35	52.80	0.7
S.D. = 1.0 on 5 of 5 obs.						
% NOV 14, 1992 09h 08m 26.77±2.47s						
38.984 N ± 18.1km 23.982 E ± 13.0km						
DEPTH = 12.1 ± 3.3 km						
GREECE (364)						
PAIG	0.97	346	iPg	08	45.73	0.7
			eSg	08	55.60	
AGG	1.29	272	ePg	08	50.48	0.0
			eSg	09	06.72	
OUR	1.35	0	ePg	08	52.08	0.7
LIT	1.60	315	ePb	08	55.68	0.7
			eSb	09	11.76	
THE	1.82	335	ePb	08	58.88	0.8
SOH	1.90	345	ePb	08	59.40	0.1
			eSb	09	20.26	
SRS	2.15	352	iPb	09	03.28	0.4
GRG	2.31	329	ePn	09	05.72	0.4
KNT	2.33	339	ePn	09	05.80	0.3
MMB	2.61	356	iPd	09	09.00	-0.5
RZN	2.76	12	iPd	09	12.00	0.3
KDZ	2.88	22	eP	09	14.00	0.7
KKB	2.96	347	iPc	09	14.00	-0.4
VTS	3.65	351	eP	09	24.00	-0.4
S.D. = 0.5 on 14 of 14 obs.						
& NOV 14, 1992 09h 57m 45.90s						
37.367 N 121.750 W						
DEPTH = 3.0km						
CENTRAL CALIFORNIA (39)						
<BRK>. ML 3.4 (BRK). 3.6 (GS).						
Felt in the Alum Rock and San Jose areas.						
MHC	0.09	106	iPd	57	47.89	0.0
			iS	57	49.63	
ARN	0.17	96	iPc	57	49.24	-0.2
GCC	0.39	210	iPd	57	54.12	0.4
			eS	58	00.55	
PCC	0.52	285	iPc	57	56.15	-0.1
JEGM	0.59	285	iPc	57	57.05	-0.6
BKS	0.64	323	ePd	57	58.49	-0.2
			eS	58	09.59	
SAO	0.65	158	iPc	57	58.92	0.1
			eS	58	08.08	
ZSP	0.70	325	iPd	57	59.96	0.0
			eS	58	10.08	
HMR	0.79	357	ePn	58	01.74	0.1
			S	58	16.21	
LLA	0.99	139	iPd	58	04.17	-1.2
PRS	1.08	163	iPd	58	05.43	-1.4
NTYM	1.25	325	ePn	58	07.78	-2.0
			ePg	58	08.46	
			S	58	27.78	
CMB	1.27	58	iPd	58	08.79	-1.4
			iS	58	26.09	
PRI	1.50	144	eP	58	12.01	-1.9
FRI	1.67	102	iPc	58	14.69	-1.5
			eS	58	35.49	
PKEM	1.85	134	(Pn)	58	18.39	-0.5
			S	58	46.06	
			Lg	58	51.20	
PHAM	1.88	144	ePc	58	17.19	-2.0
MMPM	2.18	83	ePc	58	23.34	-0.5
			eS	58	50.38	
ORV	2.19	5	eP	58	21.31	-2.5
MEMM	2.25	82	iPc	58	24.93	0.3
			eS	58	52.63	
MTUM	2.54	89	eP	58	28.52	-0.4
			eS	59	00.22	
BCH	2.56	148	eP	58	26.11	-3.0
MRCM	2.60	82	eP	58	29.73	0.0
BONR	2.80	77	ePn	58	32.37	-0.4
MIN	2.98	2	eP	58	35.51	0.5
ISA	3.14	122	eP	58	35.39	-1.9
LMEM	3.17	2	eP	58	37.23	-0.6
ABL	3.24	140	eP	58	36.38	-2.5
KVN	3.33	59	ePg	58	46.09	5.9
LGPM	3.64	347	eP	58	43.95	-0.5
TNP	3.66	77	ePn	58	44.47	-0.4
			ePg	58	53.05	

LBFM	3.98	358	eP	58	49.31	0.0
GSC	4.49	116	eP	58	52.36	-4.2
SSK	4.56	132	eP	58	56.40	-1.2
34 obs. associated						
% NOV 14, 1992 10h 36m 56.83±4.97s						
37.991 N ± 16.9km 27.125 E ± 47.0km						
DEPTH = 5.0km (geophysicist)						
TURKEY (366)						
MD 3.1 (ISK).						
IZM	0.42	15	iPg	37	04.00	-1.3
			iSg	37	11.00	
CIN	0.86	117	ePg	37	14.00	0.2

IIT 2.45 39 eP 57 04.00 0.5
(S) 57 35.00
MRX 2.85 335 iP 57 08.00 -0.7
(S) 57 45.00
IISM 3.07 52 iP 57 10.00 -1.9
OXX 3.07 90 (P) 57 16.00 3.8X
S.D. = 1.4 on 7 of 8 obs.

NOV 14, 1992 12h 03m 00.41±0.42s
51.465 N ± 8.6km 176.182 W ± 5.6km
DEPTH = 33.0km (normal)

4.8mb (21 obs.)

ANDREANOF ISLANDS, ALEUTIAN IS. (7)
Felt (11) on Adak.

ADK 0.52 324 iPd 03 14.08 2.7
SMY 6.12 286 eP 04 31.45 0.6
SDN 10.14 61 eP 05 25.62 -1.0
ANM 14.30 19 (P) 06 22.83 0.6
SVW 14.88 42 eP 06 31.84 1.9
0.9s 115.91nm 5.2mb
KDC 15.05 56 eP 06 35.30 3.3X
TTA 15.77 35 (P) 06 43.98 2.6
1.0s 22.89nm 4.3mb
CRP 16.44 44 eP 06 51.64 1.6
SPU 16.44 44 eP 06 50.78 0.8
SLKM 17.01 48 eP 06 55.60 -1.4
PMS 17.58 46 eP 07 05.10 1.0
IMA 18.55 29 eP 07 15.37 -0.8
0.9s 9.13nm 4.0mb
KLU 19.31 47 eP 07 23.59 -1.7
TOA 19.39 45 eP 07 26.50 0.3
FBA 19.88 37 eP 07 27.75 -3.6X
0.7s 19.49nm 4.5mb
MBC 32.92 22 eP 09 32.00 -1.2
1.0s 6.00nm 4.4mb
YKA 33.98 47 eP 09 40.60 -1.9
0.6s 3.10nm 4.4mb
GMW 34.25 75 eP 09 46.23 1.2
pWP 09 57.92
BMW 34.48 77 eP 09 48.21 1.1
pWP 10 00.67
RMW 34.88 75 eP 09 51.88 1.3
LON 35.21 76 eP 09 54.69 1.4
VGB 36.44 77 eP 10 04.50 0.8
pWP 10 17.13
NEW 37.31 71 ePd 10 11.00 0.0
1.0s 30.00nm 5.1mb
LBFM 37.97 84 eP 10 17.92 1.1
SES 39.85 65 eP 10 31.00 -1.1
LRM 41.30 72 eP 10 44.40 0.1
BONR 42.20 85 eP 10 53.06 1.1
PTI 42.96 75 eP 10 59.42 1.5
pWP 11 12.05
HVU 43.34 77 eP 11 01.59 0.6
pWP 11 14.04
DUG 44.25 79 eP 11 08.97 0.6
0.8s 8.82nm 4.6mb
pWP 11 21.92
BW06 44.71 74 iPc 11 12.19 0.0
1.0s 17.67nm 4.9mb
GSC 44.81 87 eP 11 13.72 0.9
DAU 45.07 78 eP 11 15.89 0.7
pWP 11 28.62
ePcP 12 55.85
ARUT 45.33 82 (P) 11 17.89 0.8
MSU 45.66 80 eP 11 20.42 0.7
ePcP 12 58.11
SRU 46.31 79 eP 11 25.10 0.3
pP 11 30.12 17kmX
pWP 11 38.90
RSSD 47.21 69 eP 11 31.03 -0.8
0.6s 7.55nm 4.9mb
ePcP 13 02.40
GOL 49.08 75 eP 11 46.83 0.3
0.5s 8.33nm 5.0mb
pWP 11 59.75
SSE 49.64 271 P 11 50.50 0.0
TUC 50.54 86 eP 11 57.84 0.3
0.8s 5.21nm 4.6mb
ePcP 13 15.40
LZH 56.93 288 eP 12 44.00 -0.7
0.8s 20.00nm 5.2mb
FVM 59.02 67 eP 12 56.79 -2.4
0.6s 41.74nm 5.7mb
pWP 13 09.20
EEO 59.20 53 eP 13 00.50 0.2

UYO 59.28 73 iPc 13 00.00 -1.0
MIAR 59.55 72 eP 13 01.24 -1.6
0.7s 7.99nm 5.0mb
pWP 13 14.51
ePcP 13 41.24
OLY 60.13 70 eP 13 04.21 -2.5
pWP 13 17.29
NAV 64.91 61 eP 13 37.27 -1.3
KMI 65.33 280 Pd 13 41.50 -0.2
1.0s 30.00nm 5.3mb
KAF 65.37 349 iP 13 38.30 -2.8
0.4s 1.40nm 4.4mb
PRM 66.38 65 eP 13 46.68 -1.3
LMN 66.51 45 eP 13 48.50 -0.2
JSC 66.86 64 eP 13 49.88 -1.2
LHS 66.97 63 ePc 13 50.53 -1.2
APO 68.05 355 eP 13 54.00 -4.2X
0.4s 0.50nm 4.0mb
SGS 68.08 64 eP 13 58.36 -0.4
HBF 68.35 64 eP 13 59.69 -0.7
CHG 72.36 278 ePc 14 24.30 -0.6
1.2s 23.44nm 5.1mb
GUN 73.33 294 P 14 19.64 -11.3X
KKN 73.77 294 P 14 22.06 -11.2X
PKI 73.86 294 P 14 22.52 -11.5X
0.3s 3.00nm
GKN 73.97 295 P 14 22.86 -11.5X
0.6s 21.00nm
DMN 74.00 294 P 14 23.44 -11.3X
0.4s 13.00nm
MTN 78.61 232 eP 15 01.80 1.5
ASPA 86.68 225 iPc 15 43.10 1.3
0.7s 14.30nm 5.3mb
STK 90.92 215 iPc 16 03.60 2.0
0.6s 4.10nm 5.0mb
TIC 121.63 10 PKP 21 51.10 -1.2
KIC 121.94 10 PKP 21 51.60 -1.3
LIC 122.04 10 PKP 21 51.90 -1.2
BCAO 122.91 342 iPKPc 21 54.20 -0.6
0.6s 8.00nm
S.D. = 1.3 on 61 of 69 obs.

& NOV 14, 1992 12h 19m 40.74s
61.533 N 150.458 W
DEPTH = 43.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.2 (AEIC). 3.0
(PMR). Felt (11) at Palmer.

SUA 0.15 243 iPd 19 48.44 0.2
eS 19 55.39
PWA 0.30 67 iPc 19 49.40 0.1
PMS 0.52 123 iPc 19 51.70 -0.3
PLRM 0.64 84 iPc 19 52.45 -1.0
eS 20 03.31
PMR 0.64 84 iPc 19 52.10 -1.3
eS 20 01.70
SKT 0.68 312 iPd 19 52.98 -1.1
iS 20 03.35
GHO 0.77 71 ePc 19 54.45 -0.9
eS 20 06.82
CGLM 0.78 254 iPd 19 54.77 -0.7
NCG 0.83 262 iPd 19 55.48 -0.7
eS 20 07.48
SPU 0.85 246 eP 19 56.57 0.2
CRP 0.86 253 eP 19 55.17 -1.5
S 20 07.89
NKA 0.88 206 iPd 19 57.90 1.1
CKN 0.89 250 iPd 19 56.30 -0.7
CP2 0.90 253 eP 19 56.93 -0.4
CKT 0.91 249 iPd 19 56.31 -1.0
CKL 0.97 250 iPd 19 57.21 -0.9
PTE 0.97 133 iPc 19 57.36 -0.6
BGL 0.97 255 iPd 19 57.30 -0.9
KNK 0.97 96 iPc 19 57.62 -0.5
eS 20 12.20
SLKM 1.04 173 iPc 19 57.80 -1.3
SML 1.05 74 iPc 19 58.31 -1.0
eS 20 12.48
MPA 1.18 152 eP 19 59.92 -1.1
DFR 1.44 230 iPc 20 03.79 -1.0
HUR 1.50 14 eP 20 05.09 -0.5
REF 1.51 227 ePc 20 04.98 -1.0
eS 20 24.83
SEW 1.52 161 eP 20 04.86 -0.9
RDN 1.52 229 eP 20 05.04 -0.9
SCM 1.52 77 ePd 20 04.79 -1.2

eS 20 24.99
NCT 1.55 232 ePc 20 05.49 -0.9
RSO 1.55 227 iPc 20 05.60 -0.9
eS 20 25.77
RS2 1.55 227 iPc 20 05.61 -0.9
RS1 1.55 227 iPc 20 05.64 -0.9
RED 1.59 226 iPc 20 05.95 -1.0
eS 20 26.01
KNIM 1.78 131 eP 20 06.67 -2.9
ILIM 1.90 221 ePd 20 10.61 -0.8
eS 20 34.82
TRF 1.93 2 ePd 20 11.04 -0.8
INE 1.95 222 eP 20 11.18 -1.0
HOM 1.97 198 eP 20 13.04 0.8
INW 1.97 223 ePc 20 11.52 -0.8
RND 2.02 21 eP 20 11.92 -1.2
VLZ 2.03 100 eP 20 10.92 -2.1
KTH 2.04 354 eP 20 12.19 -1.1
CNPM 2.05 191 eP 20 11.69 -1.7
FID 2.08 110 ePc 20 10.99 -2.9
TOA 2.11 72 iPd 20 14.20 -0.2
KLU 2.18 89 ePd 20 13.10 -2.2
eS 20 39.94
HIN 2.24 119 eP 20 13.87 -2.3
MCK 2.32 17 eP 20 16.52 -0.7
OPT 2.33 217 ePc 20 17.23 -0.2
TZL 2.45 76 eP 20 18.13 -0.9
CVA 2.50 111 eP 20 16.91 -2.8
SDG 2.52 65 eP 20 19.71 -0.5
SVW 2.53 263 eP 20 17.53 -2.8
PDB 2.54 228 iPc 20 18.63 -1.8
PAX 2.74 56 eP 20 22.29 -1.1
SGAM 2.76 110 eP 20 20.03 -3.5
TTA 2.95 301 ePc 20 23.82 -2.5
MCNL 3.04 221 eP 20 26.16 -1.4
CDD 3.06 213 eP 20 26.90 -0.9
WRH 3.14 19 eP 20 26.67 -2.2
GLB 3.19 89 eP 20 26.82 -2.9
HMT 3.25 109 eP 20 29.68 -0.9
HDA 3.30 27 eP 20 29.61 -1.6
DJE 3.33 39 eP 20 30.18 -1.5
CCB 3.35 20 eP 20 31.41 -0.5
MLY 3.51 358 eP 20 32.29 -2.0
FBA 3.59 18 eP 20 32.49 -2.8
CROM 3.63 99 eP 20 33.17 -2.9
TGL 3.78 99 eP 20 35.27 -2.8
WAX 3.86 103 eP 20 35.20 -4.0
BALM 3.95 94 eP 20 37.13 -3.3
CTGM 4.44 93 eP 20 43.11 -4.4
IMA 4.77 344 eP 20 48.87 -3.2
73 obs. associated

% NOV 14, 1992 12h 46m 35.24±0.68s
33.968 S ± 5.0km 70.126 W ± 4.9km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.8 (SAN).

CACH 0.42 249 iP+ 46 43.74 -0.1
iS 46 50.17
CHCH 0.44 274 iPd 46 44.48 0.3
iS 46 51.35
PCH 0.47 317 iP+ 46 45.19 0.3
iS 46 52.09
FCH 0.65 348 iP+ 46 48.10 -0.4
iS 46 57.90
TACH 0.74 295 iPd 46 49.89 0.0
iS 47 00.69
PEL 0.95 330 iP+ 46 53.48 0.2
iS 47 07.02
LNV 1.07 270 iPd 46 55.05 -0.3
iS 47 09.99
ROCH 1.24 323 iP 46 58.69 0.3
iS 47 15.83
LCCH 1.30 292 iPd 46 59.06 -0.2
iS 47 17.28
JACH 1.34 343 iP 46 59.85 -0.2
iS 47 18.81
RFA 1.59 121 ePd 47 03.70 0.1
S 47 23.80
S.D. = 0.3 on 11 of 11 obs.

* NOV 14, 1992 13h 57m 52.49±1.91s
38.017 N ± 10.7km 26.908 E ± 17.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.0 (ISK).

14d 13h

I ZM 0.47 36 iPg 58 01.60 -0.5
 eSg 58 06.60
 C I N 1.02 114 iPc 58 13.00 1.2
 Y E R 1.40 128 ePn 58 17.00 -1.1
 E Z N 1.86 346 ePn 58 25.00 0.3
 D S T 2.08 40 iPn 58 28.00 0.1

S.D. = 1.3 on 5 of 5 obs.

% NOV 14, 1992 14h 31m 16.46±0.75s
 41.127 N ± 7.6km 28.686 E ± 5.4km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

I T U 0.25 95 iPg 31 21.50 -0.2
 iSg 31 26.50
 I S K 0.29 102 iPg 31 22.70 0.2
 iSg 31 26.20
 B N T 0.97 217 ePg 31 35.00 0.2
 D M K 0.98 315 iPg 31 35.20 0.1
 eSg 31 50.20
 E D C 1.00 219 ePg 31 35.00 -0.4
 D S T 1.52 182 ePn 31 44.00 0.2

S.D. = 0.3 on 6 of 6 obs.

* NOV 14, 1992 14h 53m 47.62±0.48s
 48.369 N ± 11.5km 154.197 E ± 8.9km
 DEPTH = 33.0km (normal)
 4.6mb (12 obs.)

KURIL ISLANDS (221)

I M A 32.07 37 eP 00 14.10 0.8
 F B A 34.44 40 ePd 00 34.80 1.1
 C H G 53.21 256 ePd 03 06.00 1.1
 0.9s 19.96nm 5.1mb
 G U N 55.60 275 P 03 22.40 -0.3
 K K N 56.07 275 P 03 27.20 1.2
 P K I 56.13 275 P 03 27.00 0.4
 D M N 56.31 275 P 03 28.60 0.8
 G K N 56.36 276 P 03 28.60 0.6
 L R M 59.64 54 eP 03 51.00 0.1
 R S S D 65.23 51 ePc 04 27.46 -0.6
 P V 10 66.48 58 e(P) 04 37.30 1.1
 W R A 70.28 200 P 04 59.80 0.3
 0.7s 1.60nm 4.2mb
 G B A 71.18 269 P 05 04.70 -0.4
 A S P A 73.98 199 eP 05 19.80 -1.6
 1.3s 2.90nm 4.1mb
 C D F 79.43 338 eP 05 50.70 -1.1
 0.8s 3.10nm 4.4mb
 L O R 81.31 340 eP 06 00.70 -1.0
 0.7s 4.95nm 4.6mb
 S S F 81.59 340 eP 06 02.90 -0.2
 0.9s 5.40nm 4.6mb
 A V F 81.88 340 eP 06 04.00 -0.6
 0.7s 4.65nm 4.6mb
 S M F 81.90 340 eP 06 04.10 -0.7
 0.7s 4.50nm 4.6mb
 B G F 82.21 340 eP 06 06.30 -0.1
 0.6s 3.45nm 4.6mb
 L P L 82.26 338 eP 06 06.90 -0.1
 7.0s 5.75nm 3.7mb X
 L P G 82.28 338 eP 06 07.20 0.1
 0.6s 4.25nm 4.7mb
 M A F 82.59 341 eP 06 08.30 -0.1
 0.8s 7.95nm 4.8mb
 T C F 82.61 341 eP 06 08.00 -0.5
 0.8s 4.05nm 4.5mb

S.D. = 0.8 on 24 of 24 obs.

* NOV 14, 1992 15h 02m 55.12±1.20s
 60.372 N ± 7.7km 5.157 E ± 14.3km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.1 (BER). ML 1.1 (NAO).

E G D 0.11 161 eP 02 57.68 -0.2
 eS 02 59.57
 A S K 0.11 10 eP 02 57.76 -0.2
 eS 02 59.84
 S U E 0.71 344 eP 03 09.56 0.4
 eS 03 19.98
 H Y A 0.94 32 eP 03 12.58 -0.5
 N R A 0 3.17 81 Pn 03 46.59 0.6
 Pg 03 54.81
 Sn 04 23.88
 Lg 04 39.01

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

NOV 14, 1992 15h 44m 08.30±0.34s
 24.541 S ± 9.2km 176.221 W ± 7.4km
 DEPTH = 32.7km (23 depth phases)
 4.5mb (9 obs.)

SOUTH OF FIJI ISLANDS (171)

S V A 8.09 321 eP 46 05.10 -1.3
 A F I 11.38 22 eP 46 37.00 -14.7X
 e(S) 49 24.00
 B K M 16.02 292 iPc 48 02.20 9.3X
 D Z M 16.11 275 iPc 48 01.50 7.4X
 M N G 17.47 201 eP 48 09.50 -1.6
 K H Z 19.74 203 eP 48 37.10 -1.1
 R M Q 31.61 259 eP 50 33.00 2.5
 C T A 34.92 270 iPc 51 00.50 1.2
 S T K 37.71 249 eP 51 24.20 1.6
 1.2s 1.20nm 3.6mb
 P M G 37.97 287 eP 51 24.30 -0.7
 A S P A 45.33 260 eP 52 25.80 0.4
 0.7s 5.70nm 4.6mb
 W B 2 45.79 266 eS 52 27.20 -1.8
 0.4s 3.30nm 4.6mb
 W R A 45.80 266 P 52 28.50 -0.5
 0.4s 1.00nm 4.1mb
 W A R B 51.29 255 eP 53 21.00 9.4X
 M A W 78.33 200 P 56 24.20 17.8X
 B C H 79.70 44 eP 56 15.00 0.4
 eP 56 25.40 33km
 K M P M 80.77 38 eP 56 20.70 0.6
 eP 56 30.73 32km
 I S A 81.02 44 eP 56 21.10 -0.4
 0.8s 14.32nm 5.0mb
 C M B 81.35 41 eP 56 22.94 -0.2
 0.7s 1.71nm 4.2mb
 O R V 81.68 40 eP 56 33.24 33km
 eP 56 24.00 -0.7
 W D C 81.77 38 eP 56 25.01 -0.1
 iP 56 35.54 33km
 L G P M 81.83 38 eP 56 25.79 0.2
 eP 56 36.16 33km
 G S C 81.87 45 eP 56 26.22 0.3
 eP 56 36.19 32km
 B O N R 82.57 42 eP 56 29.90 0.1
 eP 56 40.34 33km
 L B F M 82.64 38 eP 56 29.78 -0.2
 eP 56 40.25 33km
 T U C 84.21 51 eP 56 38.81 0.8
 0.8s 1.72nm 4.3mb
 N V L 84.79 183 (P) 56 51.00 10.9X
 B M W 85.39 34 eP 56 43.78 0.2
 iP 56 54.31 33km
 A R U T 85.53 45 eP 56 45.15 0.6
 eP 56 55.63 33km
 S H W 85.71 34 eP 56 45.44 0.2
 eP 56 56.33 35km
 G M W 86.35 33 eP 56 48.51 0.3
 eP 56 59.00 33km
 M S U 86.76 45 eP 56 51.50 0.8
 eP 57 01.76 32km
 R M W 86.78 34 eP 56 50.08 -0.3
 iP 57 00.52 33km
 S P U 87.63 11 eP 56 52.95 -1.2
 eP 57 02.54 30km
 C R P 87.69 11 eP 56 52.07 -2.6
 S R U 88.16 45 eP 56 57.69 0.3
 eP 57 07.87 32km
 D A U 88.42 44 (P) 56 58.81 0.0
 eP 57 09.52 34km
 A L Q 88.67 50 ePd 57 00.74 0.8
 1.1s 10.74nm 5.1mb
 eP 57 10.68 31km
 D P W 88.89 35 eP 56 59.88 -0.6
 eP 57 10.25 32km
 L C C M 91.13 39 ePc 57 11.00 -0.1
 e 57 21.70 33km
 C H G 93.14 289 eP 57 22.10 1.4
 R S S D 94.93 43 eP 57 28.14 -0.5
 0.9s 4.67nm 4.9mb
 iP 57 39.12 35km
 N U R 141.26 344 ePKP 03 49.00 12.2X
 A P O 143.34 352 ePKP 03 35.30 -5.2X
 0.4s 0.60nm

NAO 143.41 354 PKP 03 36.50 -4.1X
 0.7s 1.70nm
 K S P 152.02 343 ePKP 04 01.00 6.4X
 S P C 152.22 336 ePKP 04 12.00 16.8X
 C L L 152.35 347 ePKP 04 02.00 7.0X
 i 04 11.60
 B R G 152.56 346 ePKP 04 02.40 7.1X
 1.0s 20.00nm

i 04 13.00
 i 04 21.60
 P R U 153.25 344 ePKP 04 16.80 20.5X
 e 04 25.50
 S R O 154.07 337 e(PKP) 04 18.00 20.5X
 K H C 154.28 345 ePKP 04 07.50 9.6X
 e 04 28.00
 G E C 2 154.52 345 ePKP 04 09.40 11.2X
 1.2s 2.05nm
 e 04 15.40
 e 04 20.30
 e 04 23.60
 e 04 26.50
 e 04 30.60
 e 04 33.50
 B C A O 155.48 218 iPKPd 04 09.50 9.0X
 1.2s 7.00nm
 id 04 28.50

S.D. = 1.0 on 36 of 54 obs.

? NOV 14, 1992 16h 17m 12.86±1.72s
 35.399 S ± 12.3km 178.632 E ± 23.5km
 DEPTH = 286.0 ± 10.1 km
 3.9mb (3 obs.)
 OFF E. COAST OF N. ISLAND, N.Z. (160)

H B Z 2.21 187 eP 17 58.90 -1.6
 S 18 34.90
 K U Z 2.72 239 eP 18 04.10 -1.1
 U R Z 3.11 203 P 18 08.70 -0.4
 eS 18 53.80
 N O Z 3.25 188 P 18 10.80 0.3
 W L Z 3.47 224 eP 18 14.70 1.8
 P A H Z 3.68 200 eP 18 16.60 1.4
 M O H 3.91 197 eP 18 18.20 0.4
 M O Z 4.36 224 P 18 26.30 3.4X
 T T H 4.38 199 eP 18 24.50 1.5
 W A H Z 4.66 202 eP 18 26.40 0.0
 B S Z 5.28 213 P 18 34.60 0.9
 P G Z 5.53 199 eP 18 37.00 0.3
 M N G 5.77 205 P 18 39.70 0.1
 eS 19 47.90
 K I W 6.19 207 P 18 44.40 -0.3
 M T W 6.26 202 eP 18 45.00 -0.5
 A M W 6.32 200 P 18 46.70 0.5
 C A W 6.35 205 eP 18 45.80 -0.8
 B L W 6.45 202 eP 18 48.30 0.4
 D I W 6.55 213 eP 18 48.50 -0.6
 M R W 6.59 207 eP 18 49.20 -0.4
 eS 20 06.50
 T C W 6.74 209 eP 18 50.30 -1.1
 T H Z 7.78 213 eP 19 04.50 0.2
 eS 20 35.50
 K H Z 8.05 208 eP 19 07.00 -0.6
 S 20 39.10
 L T Z 8.88 212 eP 19 17.20 -0.7
 M O Z 9.49 207 eP 19 24.30 -1.3
 eS 21 10.70
 O D Z 11.40 210 eP 19 50.30 1.1
 A S P A 40.33 274 eP 24 24.90 0.4
 0.6s 4.60nm 4.0mb
 W B 2 41.77 280 iPc 24 36.20 -0.1
 0.4s 6.40nm 4.3mb
 W R A 41.78 280 P 24 36.30 0.0
 0.5s 1.10nm 3.4mb

S.D. = 0.9 on 28 of 29 obs.

* NOV 14, 1992 16h 36m 02.47±0.78s
 2.864 S ± 11.1km 141.494 E ± 11.0km
 DEPTH = 33.0km (normal)
 5.0mb (3 obs.)
 NEAR N COAST OF NEW GUINEA, PNG. (200)

W W K K 2.26 110 eP 36 38.00 -0.3
 M N D I 3.92 147 eP 37 04.00 2.0
 eS 37 56.00
 O I S 17.68 186 eP 40 08.00 0.0
 W B 2 18.35 202 iPd 40 16.20 -0.1
 i 40 30.60

ASPA	21.95	199	eP	43 22.50	40 55.00	-0.2	MBC	63.53	353	eP	07 43.50	-0.4	% NOV 14, 1992 19h 35m 01.49±1.02s	31.168 S ±11.0km	68.336 W ±13.1km	DEPTH = 100.0km (geophysicist)	
	0.8s		7.60nm		4.2mb			1.0s		4.00nm		4.5mb				SAN JUAN PROVINCE, ARGENTINA (137)	
Z	20s		0.30um		3.7Msz		NAO	84.27	29	P	09 40.10	-4.3X					
			eS	44 55.70				0.7s		0.60nm		3.8mb					
RMO	24.50	164	iPd	41 20.20	0.1		KIC	86.78	84	P	09 57.00	-0.7	RTLL	0.20	215	iPc	35 16.50 0.3
	1.0s		65.00nm		5.1mb		GEC2	90.01	39	eP	10 12.40	-0.3				S	35 27.00
WARB	27.22	210	eP	41 45.00	-0.5			1.0s		1.34nm		4.2mb	CFA	0.45	169	iPc	35 18.00 0.8
STK	28.86	180	eP	41 58.60	-1.6		CHG	145.08	340	ePKP	16 50.00	-1.3				S	35 29.00
	1.0s		1.20nm		3.5mb X			S.D. = 1.3	on 27 of 31 obs.				RTCV	0.71	194	iPc	35 19.80 0.5
DZM	30.85	130	iPc	42 16.00	-2.1											S	35 32.70
BWA	32.06	169	eP	42 27.60	-0.9		& NOV 14, 1992 18h 21m 52.57s						RTPR	1.79	62	ePc	35 32.30 0.5
CAN	33.04	169	eP	42 38.30	1.2		59.760 N			152.671 W						eS	35 55.00
TOO	34.73	174	eP	42 52.70	1.0		DEPTH = 85.7km						MRA	2.56	120	ePd	35 42.40 0.4
	0.9s		24.00nm		5.1mb		SOUTHERN ALASKA			(2)			TCA	3.21	94	iP	35 50.80 -0.2
KKN	62.03	304	P	46 27.80	5.2X		<AEIC>.						CYA	3.50	40	ePd	35 54.00 -0.9
GKN	62.63	304	P	46 26.80	0.2								RFA	3.59	182	ePc	35 54.80 -1.4
CNCB	144.94	125	PKP	55 39.20	-0.4		OPT	0.30	249	iPd	22 05.09	-0.6				S.D. = 0.9	on 8 of 8 obs.
LPB	144.99	124	ePKP	55 41.00	1.5					eS	22 14.42						
ZOBO	145.08	124	PKP	55 39.00	-1.0		ILIM	0.35	336	eP	22 05.25	-0.8	? NOV 14, 1992 21h 13m 00.02±4.66s	38.648 N ±26.8km	26.406 E ±36.1km	DEPTH = 10.0km (geophysicist)	
KIC	146.17	277	PKP	55 42.10	1.0		INE	0.36	327	eP	22 05.38	-0.9					
SIV	150.86	131	(PKP)	55 55.00	6.6X					eS	22 15.61						
	S.D. = 1.2	on 17 of 19 obs.					INW	0.39	323	eP	22 05.61	-0.7					
							HOM	0.53	101	iPc	22 06.62	-0.7					
										eS	22 18.01						
							AUE	0.54	222	eP	22 06.87	-0.5					
							AUL	0.54	226	eP	22 06.90	-0.5					
										eS	22 18.55						
							AUP	0.55	224	eP	22 06.98	-0.6					
							AUH	0.56	225	eP	22 07.39	-0.3					
							AUW	0.56	226	iPc	22 07.12	-0.5					
							AUI	0.57	222	eP	22 07.11	-0.6					
										eS	22 18.04						
							RED	0.66	356	iPd	22 07.82	-0.8					
										eS	22 19.65						
							RS1	0.70	356	iPd	22 08.46	-0.7					
										eS	22 21.06						
							RSO	0.71	357	iPd	22 08.48	-0.7					
										eS	22 20.75						
							RS2	0.71	357	iPd	22 08.48	-0.7					
										eS	22 21.94						
							REF	0.73	359	iPd	22 08.72	-0.7					
										eS	22 21.48						
							RDN	0.76	357	eP	22 08.99	-0.7					
							CNPM	0.77	107	iPc	22 08.60	-1.0					
							PDB	0.77	273	iPd	22 08.77	-0.9					
										eS	22 21.35						
							NCT	0.81	351	iPd	22 09.44	-0.8					
							DFR	0.83	359	iPd	22 09.74	-0.7					
										eS	22 23.18						
							BRLK	0.90	89	eP	22 10.00	-1.2					
										eS	22 23.41						
							CDD	0.97	211	ePc	22 10.99	-0.9					
										eS	22 25.78						
							MCNL	1.03	237	eP	22 11.81	-0.8					
										eS	22 25.77						
							SYI	1.16	173	eP	22 13.44	-0.7					
										eS	22 30.12						
							NKA	1.22	35	eP	22 15.99	1.1					
							SLKM	1.44	57	eP	22 16.67	-1.1					
							CKL	1.45	6	iPd	22 17.38	-0.6					
							SPU	1.46	12	iPd	22 17.40	-0.6					
							CKT	1.46	9	iPd	22 17.47	-0.7					
							CKN	1.49	9	eP	22 17.99	-0.4					
							BGL	1.52	5	iPd	22 18.29	-0.5					
							CP2	1.52	8	iPd	22 18.61	-0.4					
							CRP	1.53	9	iPd	22 18.62	-0.5					
							CGLM	1.59	12	iPd	22 19.21	-0.5					
							SEW	1.66	77	eP	22 19.04	-1.5					
							NGC	1.67	9	iPd	22 20.34	-0.5					
							MPA	1.81	65	ePc	22 21.72	-0.9					
							SUA	1.96	28	ePc	22 24.32	-0.4					
							SVW	1.99	314	eP	22 24.05	-1.1					
							KDC	2.02	177	eP	22 23.37	-2.0					
							PTE	2.13	57	iPc	22 25.51	-1.3					
							PMS	2.14	45	iPc	22 26.48	-0.7					
							SKT	2.30	14	eP	22 28.32	-0.9					
							PLRM	2.53	42	eP	22 30.97	-1.4					
							MTU	2.54	83	eP	22 31.47	-1.1					
							KNIM	2.54	74	ePc	22 30.01	-2.6					
							KNK	2.66	50	eP	22 32.47	-1.7					
							GHO	2.73	41	eP	22 34.08	-1.1					
							GLI	2.99	66	eP	22 35.76	-3.0					
							HIN	3.16	76	eP	22 38.68	-2.4					
							FID	3.24	69	eP	22 38.74	-3.5					
								52 obs. associated									

14d 23h

MCNL	1.10	207	iPd	41 56.69	-1.1
CKL	1.15	26	iPc	41 57.59	-0.8
			eS	42 17.98	
CKT	1.18	29	iPc	41 57.64	-1.0
BGL	1.20	23	iPc	41 58.25	-0.6
NKA	1.21	61	iPc	41 58.92	0.2
SPU	1.21	32	iPc	41 57.72	-1.1
			eS	42 19.16	
CKN	1.21	28	ePc	41 58.13	-0.7
CP2	1.23	26	iPc	41 58.54	-0.7
CDD	1.25	186	iPd	41 58.01	-1.2
CRP	1.25	28	ePc	41 58.51	-0.9
			eS	42 20.17	
CNPM	1.26	120	iPc	41 58.13	-1.2
			eS	42 18.85	
BRK	1.32	107	eP	41 59.15	-0.7
NCG	1.38	25	eP	41 59.79	-0.8
SVW	1.45	311	eP	42 00.07	-1.3
SLKM	1.61	76	ePc	42 01.02	-1.9
SYI	1.64	162	eP	42 01.82	-1.5
SUA	1.83	44	ePc	42 04.25	-1.4
			eS	42 29.57	
SEW	1.97	90	eP	42 05.29	-1.7
MPA	2.02	79	eP	42 05.70	-2.0
SKT	2.03	25	eP	42 06.60	-1.2
PMS	2.16	58	eP	42 07.39	-2.1
PTE	2.26	70	eP	42 07.86	-2.7
GHO	2.70	52	eP	42 13.27	-2.9
KNK	2.72	61	eP	42 13.40	-2.9
LTJ	2.77	90	eP	42 15.23	-1.7
KNIM	2.82	84	eP	42 15.42	-2.2
MTU	2.87	91	eP	42 16.68	-1.6
SML	2.96	54	eP	42 16.29	-3.1
GLI	3.19	74	eP	42 20.04	-2.3
HIN	3.43	83	eP	42 23.08	-2.5
FID	3.47	77	eP	42 23.37	-2.6
VLZ	3.60	71	eP	42 26.04	-1.7
CVA	3.81	81	eP	42 27.03	-3.4
KLU	3.88	67	eP	42 28.69	-2.9
SGAM	4.07	82	eP	42 31.39	-2.6

55 obs. associated

% NOV 15, 1992 00h 02m 19.74± 3.59s
 34.310 S ±22.8km 70.325 W ±13.3km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

CACH	0.30	310	iP	02 26.74	0.7
			iS	02 28.77	
CHCH	0.46	324	iP+	02 29.13	0.0
			iS	02 33.06	
PCH	0.70	347	iPd	02 33.56	-0.2
			iS	02 39.83	
TACH	0.83	322	iP+	02 35.26	-0.5
			iS	02 43.92	
LNV	0.97	291	iP	02 38.19	0.1
			iS	02 49.19	
FCH	0.98	2	iP+	02 38.89	0.3
			iS	02 49.97	
PEL	1.20	345	iP+	02 42.12	0.0
			iS	02 55.54	
LCCH	1.33	308	iP	02 43.91	-0.3
			iS	02 58.82	
ROCH	1.45	337	eP	02 46.05	-0.2
			iS	03 02.52	
JACH	1.64	352	eP	02 48.94	0.1
			iS	03 08.34	

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

& NOV 15, 1992 00h 36m 25.60s
 38.698 N 119.632 W
 DEPTH = 16.0km
 CALIFORNIA-NEVADA BORDER REGION (40)
 <BRK>. ML 3.2 (BRK), 3.1 (GS).

CMB	0.89	222	iPd	36 41.09	-1.1
			iS	36 52.80	
MEMM	1.17	152	eP	36 46.04	-0.9
MMPM	1.19	156	eP	36 46.42	-1.1
KVN	1.25	73	ePc	36 47.29	-1.1
			eS	37 03.93	
BONR	1.28	125	ePd	36 47.92	-1.1
MRCM	1.36	139	eP	36 49.78	-0.2
			eS	37 07.94	
ORV	1.69	301	iPc	36 55.25	0.7

FRI	1.70	182	iPd	36 55.73	0.9
			eS	37 17.57	
HMR	1.79	253	(P)	36 54.62	-1.4
TNP	1.99	107	ePn	36 57.97	-1.3
			ePg	37 00.19	
ARN	2.02	229	eP	37 00.51	1.1
MHC	2.09	230	ePd	37 01.73	1.2
			eS	37 29.33	
COE	2.16	229	ePn	37 01.74	0.3
ZSP	2.20	251	eP	37 05.37	3.4
BKS	2.21	249	eP	37 03.95	1.8
MIN	2.24	318	eP	37 05.42	2.6
			eS	37 36.08	
LLA	2.32	207	iPc	37 04.44	0.7
			eS	37 35.95	
NTYM	2.40	264	(P)	37 03.95	-0.8
SAO	2.41	217	eP	37 05.54	0.6
PCC	2.48	242	iPc	37 07.22	1.3
WDC	2.93	311	eP	37 11.58	-0.7
			eS	37 52.10	
LBFM	3.16	327	(Pn)	37 16.76	0.9

22 obs. associated

* NOV 15, 1992 00h 37m 59.30± 0.89s
 4.164 S ±14.2km 153.294 E ±14.8km
 DEPTH = 33.0km (normal)
 4.4mb (3 obs.) 3.9Msz (1 obs.)
 NEW IRELAND REGION, P.N.G. (190)

RAB	1.13	269	iPd	38 20.00	1.2
			iS	38 36.00	
HNR	8.43	129	eP	39 49.00	-13.1X
			eS	41 31.00	
DZM	21.90	146	iPc	42 52.40	0.8
ASPA	26.95	222	eP	43 40.60	0.7
			0.5s	5.20nm	4.4mb
Z	20s		0.30um		3.9Msz
STK	29.68	200	eP	43 58.90	-5.5X
			0.8s	0.80nm	3.5mb
WARB	33.63	227	eP	44 37.00	-2.1
LZH	61.12	315	Pd	48 13.50	0.4
			1.5s	24.00nm	5.1mb
GUN	72.22	301	P	49 23.60	-0.3
PKI	72.54	300	P	49 25.60	-0.2
KKN	72.70	301	P	49 26.40	-0.2
DMN	72.81	300	P	49 27.00	-0.3
GKN	73.30	301	P	49 30.20	0.1

S.D. = 1.0 on 10 of 12 obs.

% NOV 15, 1992 01h 04m 50.56± 1.79s
 38.833 N ±10.3km 26.670 E ±16.4km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.9 (ISK).

Izm	0.64	133	iPg	05 03.30	-0.1
			eSg	05 13.50	
EZN	1.03	345	ePn	05 10.00	0.1
DST	1.71	62	ePn	05 21.00	0.5
EDC	1.77	31	ePn	05 21.50	0.1
BNT	1.80	32	ePn	05 22.00	0.1
KCT	1.92	42	ePn	05 23.00	-0.7

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

* NOV 15, 1992 01h 55m 55.71± 0.35s
 3.173 N ±5.6km 128.066 E ±8.2km
 DEPTH = 125.4km (3 depth phases)
 4.9mb (11 obs.)
 NORTH OF HALMAHERA, INDONESIA (264)

BIP	5.33	340	eP	57 13.00	-1.3
			eS	57 56.50	
CGP	6.23	328	iPd	57 25.00	-1.6
			eS	58 13.00	
PLP	8.51	339	ePd	57 57.50	0.0
TSM	10.23	277	eP	58 20.00	-0.5
KKM	12.15	284	eP	58 48.00	2.1
MTN	16.20	169	eP	59 37.00	-0.5
WRA	23.78	165	P	00 58.50	0.5
			0.5s	13.80nm	4.7mb
WB2	23.79	165	iPc	00 57.40	-0.7
			0.5s	22.10nm	4.9mb
QIS	26.16	155	eP	01 20.20	0.0
ASPA	27.28	168	eP	01 29.60	-0.7
			0.8s	3.10nm	4.0mb
CHG	32.45	301	eP	02 16.30	0.1

STK	37.16	161	iPc	02 56.40	0.3
			0.4s	4.20nm	4.6mb
			i	03 29.10	
BJI	38.25	345	eP	03 05.00	-0.1
			1.4s	47.00nm	5.1mb
LZH	39.66	329	Pd	03 18.50	1.4
			1.4s	76.00nm	5.3mb
			pP	03 45.50	119km
MDJ	41.29	2	Pc	03 30.40	0.2
LSA	43.81	311	eP	03 52.00	0.5
GTA	44.26	328	Pd	03 54.80	0.2
			1.0s	19.00nm	4.8mb
			pP	04 24.50	131km
			sP	04 39.00	
GUN	47.13	306	P	04 17.32	-0.4
PKI	47.38	305	P	04 18.80	-0.8
KKN	47.57	305	P	04 20.36	-0.6
DMN	47.64	305	P	04 20.88	-0.7
GKN	48.18	305	P	04 25.02	-0.6
WMO	53.95	325	iPc	05 09.00	0.3
			1.0s	28.00nm	5.1mb
			pP	05 39.00	127km
KSH	59.35	315	P	05 48.50	1.4
			1.0s	20.00nm	5.1mb
IMA	82.35	24	eP	08 05.01	0.3
			0.8s	6.07nm	4.5mb
PMR	83.79	29	eP	08 11.97	0.1
			1.0s	30.70nm	5.1mb
KLU	85.32	29	eP	08 20.67	1.0

S.D. = 0.9 on 27 of 27 obs.

? NOV 15, 1992 02h 30m 50.56± 9.86s
 38.499 N ±54.3km 26.196 E ±65.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.8 (ISK).

Izm	0.84	97	iPg	31 06.90	0.0
			iSg	31 16.90	
EZN	1.33	4	ePn	31 15.00	0.0
DST	2.19	59	ePn	31 27.40	-0.2
KCT	2.42	43	ePn	31 31.00	0.2

S.D. = 0.3 on 4 of 4 obs.

& NOV 15, 1992 02h 54m 24.90s
 66.247 N 149.890 W
 DEPTH = 20.4km
 NORTHERN ALASKA (676)
 <AEIC>. ML 3.2 (AEIC), 3.6 (PMR).

MLY	1.27	196	eP	54 46.60	-1.0
			S	55 03.11	
MDM	1.47	151	eP	54 49.55	-0.8
			eS	55 10.10	
IMA	1.55	265	ePc	54 50.69	-1.0
			eS	55 11.14	
FBA	1.61	146	ePn	54 51.40	-1.0
			iPg	54 53.86	
GLM	1.64	139	eP	54 52.17	-0.7
			S	55 14.10	
NEA	1.71	168	eP	54 55.55	1.7
			eS	55 17.07	
CCB	1.83	151	eP	54 54.43	-1.1
			eS	55 18.97	
FYU	1.90	78	eP	54 55.84	-0.7
			S	55 22.21	
WRH	1.94	156	eP	54 56.24	-0.9
			eS	55 21.88	
PRP	1.94	110	eP	54 56.89	-0.4
			eS	55 20.88	
HDA	2.22	145	eP	55 00.06	-1.2
MCK	2.56	170	eP	55 05.03	-1.0
TRF	2.81	184	eP	55 10.94	1.2
DJE	2.85	139	eP	55 11.16	1.0
RND	2.89	171	eP	55 11.80	1.1
PAX	3.80	148	eP	55 23.21	-0.5
TTA	4.25	221	eP	55 27.67	-2.4
			S	56 33.92	
SKT	4.34	190	eP	55 31.54	0.2
TOA	4.47	157	eP	55 34.40	1.3
GHO	4.51	174	eP	55 35.13	1.3
PWA	4.62	180	eP	55 42.70	7.5
PLRM	4.69	176	eP	55 37.42	1.2
PMR	4.69	176	eP	55 36.82	0.6
SUA	4.82	185	eP	55 39.77	1.6
KNK	4.90	172	eP	55 40.08	0.9

15d 02h

NCG 4.97 193 eP 55 38.63 -1.6
 PMS 5.02 178 eP 55 44.00 3.0
 KLU 5.08 158 eP 55 41.70 -0.2
 CRP 5.10 192 eP 55 40.11 -2.1
 BGL 5.12 194 eP 55 42.27 -0.2
 CKN 5.14 192 eP 55 41.55 -1.1
 SPU 5.18 192 (P) 55 41.39 -1.8
 SVW 5.75 209 eP 55 49.33 -1.9
 33 obs. associated

& NOV 15, 1992 02h 58m 09.20s
 66.154 N 150.059 W
 DEPTH = 20.1km
 NORTHERN ALASKA (676)
 <AEIC>. ML 2.6 (AEIC). 3.1 (PMR).

MLY 1.16 194 eP 58 28.72 -1.7
 MDM 1.42 147 eP 58 33.38 -0.6
 IMA 1.48 268 ePc 58 33.60 -1.3
 FBA 1.57 142 eP 58 35.90 -0.3
 GLM 1.61 135 eP 58 36.14 -0.7
 NEA 1.64 165 eP 58 37.85 0.8
 CCB 1.78 147 eP 58 39.22 0.0
 WRH 1.88 153 eP 58 41.78 1.1
 PRP 1.97 107 eP 58 42.10 0.0
 FYU 1.99 76 eP 58 41.60 -0.6
 HDA 2.19 142 eP 58 44.89 -0.2
 TTA 4.13 221 eP 59 07.20 -5.5
 PMR 4.60 174 eP 59 13.00 -6.3
 13 obs. associated

? NOV 15, 1992 03h 41m 45.46±10.60s
 38.298 N ±67.5km 26.111 E ±57.4km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.9 (ISK).

IZM 0.91 83 iPg 42 02.90 0.0
 EZN 1.53 6 ePn 42 13.00 0.1
 DST 2.36 56 ePn 42 24.50 -0.4
 EDC 2.46 33 ePn 42 25.50 -0.7
 BNT 2.49 34 ePn 42 26.00 -0.6
 KCT 2.61 41 ePn 42 30.00 1.5
 S.D. = 1.1 on 6 of 6 obs.

NOV 15, 1992 03h 45m 18.48±0.42s
 5.342 S ± 6.1km 152.607 E ± 9.9km
 DEPTH = 32.9km (3 depth phases)
 4.9mb (17 obs.) 4.3Msz (2 obs.)
 NEW BRITAIN REGION. P.N.G. (192)

RAB 1.22 339 iPc+ 45 41.50 2.1
 PMG 6.74 233 eP 46 59.20 1.4
 WWKK 9.12 280 e(P) 47 11.00 -19.9X
 CTA 15.91 202 iPc 49 03.00 1.4
 QIS 19.71 219 iPd 49 46.90 -1.4
 GUA 20.25 338 eP 49 55.70 1.7
 GUMO 20.32 338 eP 49 57.00 2.4
 Z 23s 0.35um 3.7MszX
 RMQ 21.35 190 eP 50 05.10 -0.1
 DZM 21.35 142 iPc 50 06.70 1.4
 BRS 21.93 180 iPd 50 12.00 1.0
 MTN 22.47 249 eP 50 17.30 0.9
 WB2 22.94 229 iPc 50 20.60 -0.4
 WRA 22.94 229 eP 50 21.10 0.0
 ARMA 24.96 182 eP 50 43.00 2.4

KNA 25.59 244 eP 50 46.40 -0.1
 ASPA 25.63 223 iPd 50 45.70 -1.2
 Z 21s 15.20nm 4.7mb
 CMS 26.78 193 eP 55 03.40
 STK 28.35 200 iPc 51 10.20 -1.4
 WAR8 32.33 227 eP 51 46.00 -1.0
 MBL 35.45 241 eP 52 10.00 -4.0X
 LZH 61.48 316 eP 55 39.00 4.3X
 GUN 72.24 301 P 56 42.40 -0.8
 PKI 72.54 301 P 56 42.70 -2.3
 KKN 72.71 301 P 56 42.58 -3.3X
 DMN 72.81 301 P 56 45.80 -0.7
 GKN 73.32 301 P 56 48.46 -0.9
 SVW 77.38 23 eP 57 11.72 0.0
 TTA 78.34 21 (P) 57 16.03 -0.9
 SLKM 79.24 25 eP 57 20.68 -1.1
 PMS 79.90 25 eP 57 24.70 -0.7
 IMA 81.03 19 eP 57 31.02 -0.4
 KLU 81.55 25 (P) 57 34.09 0.0
 FBA 82.46 22 eP 57 36.86 -1.8
 BALM 82.90 26 (P) 57 41.50 0.3
 MBC 94.68 14 eP 58 37.00 -0.1
 YKA 95.99 28 eP 58 49.90 6.6X
 GEC2 124.41 328 ePKPd 04 15.70 -0.3
 0.6s 0.90nm 04 19.10
 04 28.30
 04 35.30
 BCOA 134.24 271 iPKPd 04 43.50 7.8X
 LPB 134.25 119 (PKP) 04 39.00 2.8X
 ZOBO 134.33 119 PKP 04 38.00 1.4
 SIV 140.50 123 (PKP) 04 50.00 2.7X
 BAO 150.84 136 e(PKP) 05 09.00 4.5X
 05 11.00
 05 15.00
 05 18.00
 05 25.00
 05 32.60
 05 45.10

S.D. = 1.3 on 33 of 42 obs.

* NOV 15, 1992 04h 10m 26.66±0.99s
 12.346 N ±13.6km 88.767 W ±15.5km
 DEPTH = 33.0km (normal)
 4.5mb (6 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

UYO 22.33 348 iPd 15 23.40 0.3
 PRM 22.41 14 eP 15 24.52 0.7
 MIAR 22.53 350 iPd 15 25.57 0.6
 JSC 22.88 16 eP 15 29.06 0.6
 OLY 23.18 354 eP 15 31.60 0.2
 LHS 23.19 17 eP 15 31.94 0.5
 TKL 23.64 10 eP 15 35.10 -0.8
 WMOK 24.08 339 eP 15 40.54 0.4
 FNO 24.11 343 iPc 15 40.90 0.5
 LNO 24.31 346 eP 15 42.00 -0.2
 CEH 25.02 19 (P) 15 48.39 -0.7
 ACO 25.98 341 iPc 15 57.50 -0.7
 GOL 30.95 335 eP 16 43.51 0.3
 DAV 34.25 329 eP 17 12.34 0.3
 RSSD 34.28 340 eP 17 12.64 0.5
 BW06 35.28 333 eP 17 21.00 0.3
 ULM 38.24 353 ePd 17 45.90 0.6
 LRM 38.95 333 eP 17 52.50 0.9

SIV 39.29 135 P 17 55.00 0.6
 SES 42.10 339 eP 18 20.00 2.8X
 YKA 53.38 345 eP 19 42.60 -2.4
 MBC 65.95 352 eP 21 09.00 -2.3
 LZH 130.38 347 ePKP 29 41.50 5.4X
 WRA 138.00 254 PKP 29 57.50 6.7X
 0.8s 0.30nm
 S.D. = 1.0 on 21 of 24 obs.

& NOV 15, 1992 05h 01m 01.15s
 64.253 N 148.309 W
 DEPTH = 127.2km
 CENTRAL ALASKA (1)
 <AEIC>.

WRH 0.24 23 iPc 01 18.85 1.7
 CCB 0.45 29 iPc 01 19.50 -0.3
 NEA 0.47 315 ePd 01 19.53 -0.4
 MCK 0.59 208 ePc 01 20.67 -0.1
 HDA 0.61 75 iPc 01 20.57 -0.3
 FBA 0.69 19 ePc 01 21.02 -0.4
 MDM 0.71 3 iPd 01 21.24 -0.4
 GLM 0.84 28 iPc 01 22.16 -0.5
 RND 0.88 196 ePc 01 22.33 -0.8
 DJE 1.18 100 iPc 01 25.20 -0.6
 TRF 1.19 228 ePd 01 25.62 -0.6
 MLY 1.31 308 iPd 01 26.40 -0.9
 KTH 1.35 240 ePd 01 27.08 -0.8
 HUR 1.41 205 eP 01 27.83 -0.6
 PRP 1.74 42 eP 01 31.31 -1.1
 PAX 1.81 134 ePc 01 32.14 -1.0
 DOT 1.97 106 ePc 01 33.72 -1.4
 SDG 2.13 143 ePc 01 36.03 -1.1
 TOA 2.36 155 eP 01 39.03 -1.1
 SML 2.45 180 eP 01 39.89 -1.3
 SCM 2.47 169 eP 01 41.23 -0.2
 GH0 2.51 187 ePc 01 40.60 -1.3
 TMW 2.54 109 eP 01 40.61 -1.6
 TZL 2.57 148 eP 01 41.95 -0.8
 FYU 2.66 28 eP 01 42.64 -1.1
 PLRM 2.70 188 eP 01 43.30 -1.0
 PWA 2.71 196 eP 01 44.85 0.4
 SKT 2.71 214 ePc 01 42.66 -1.9
 KNK 2.85 181 ePc 01 44.77 -1.6
 IMA 2.91 311 eP 01 45.29 -1.9
 KLU 2.98 157 eP 01 46.48 -1.6
 SUA 3.01 203 eP 01 48.36 -0.2
 PMS 3.07 191 eP 01 48.20 -1.1
 VLZ 3.26 163 eP 01 49.63 -2.1
 NCG 3.36 213 eP 01 51.49 -1.7
 CGLM 3.41 212 eP 01 52.16 -1.7
 PTE 3.42 186 eP 01 52.41 -1.4
 GLI 3.43 170 eP 01 51.91 -2.1
 GLB 3.49 142 eP 01 54.28 -0.6
 CP2 3.50 213 eP 01 53.49 -1.7
 CKN 3.52 122 eP 01 53.31 -2.0
 SPU 3.53 211 eP 01 53.42 -2.0
 BGL 3.54 214 eP 01 54.49 -1.1
 CKT 3.55 212 eP 01 54.76 -0.9
 FID 3.62 166 eP 01 54.79 -1.7
 TTA 3.69 252 eP 01 55.21 -2.3
 MPA 3.81 188 eP 01 57.47 -1.6
 SLKM 3.86 194 eP 01 57.93 -1.9
 CVA 3.91 161 eP 01 58.03 -2.3
 KNIM 3.93 176 eP 01 58.01 -2.7
 SGAM 4.03 158 eP 01 59.54 -2.6
 SEW 4.20 188 eP 02 02.34 -2.0
 DFR 4.20 211 eP 02 02.40 -2.0
 LTI 4.23 177 eP 02 02.45 -2.3
 RAGM 4.23 155 eP 02 03.10 -1.7
 CROM 4.25 143 eP 02 04.27 -0.9

15d 05h

REF 4.30 210 eP 02 04.94 -0.9
 HMT 4.36 152 eP 02 04.29 -2.3
 WAX 4.59 144 eP 02 07.41 -2.2
 CNPM 4.94 198 eP 02 12.09 -2.3
 60 obs. associated

? NOV 15, 1992 05h 12m 54.47± 1.42s
 4.165 S ± 18.2km 143.650 E ± 20.4km
 DEPTH = 105.9 ± 18.8 km
 4.4mb (2 obs.)

NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK 0.54 357 iPd 13 11.40 0.0
 MNDI 1.98 180 eP 13 28.00 0.3

YYYY 3.10 132 eP 13 42.40 -0.2
 WB2 18.11 209 iPc 17 00.00 -0.8

ASPA 21.55 205 eP 17 37.40 0.7
 0.8s 7.70nm 4.1mb
 S.D. = 1.1 on 5 of 5 obs.

& NOV 15, 1992 05h 16m 54.15s
 61.295 N 150.698 W
 DEPTH = 61.4km

SOUTHERN ALASKA (2)
 <AEIC>. ML 3.0 (AEIC).

SUA 0.17 353 iPc 17 03.40 -0.5
 eS 17 11.31

PWA 0.53 47 ePd 17 06.05 -0.6
 PMS 0.55 95 iPc 17 06.37 -0.6

NKA 0.61 206 iPd 17 08.42 0.9
 CGLM 0.63 272 iPd 17 07.32 -0.6
 SPU 0.67 261 iPd 17 09.22 1.0

CRP 0.70 268 iPd 17 07.64 -1.2
 eS 17 18.69

NCG 0.71 279 iPd 17 08.31 -0.5
 CKN 0.72 265 iPd 17 08.46 -0.4

CKT 0.74 263 iPd 17 08.43 -0.7
 CP2 0.75 268 iPd 17 08.83 -0.5
 SKT 0.79 330 ePd 17 09.38 -0.4

eS 17 21.52
 CKL 0.80 264 iPd 17 09.24 -0.7
 PLRM 0.81 68 iPd 17 09.01 -0.9

eS 17 20.99
 PMR 0.81 68 iPd 17 08.64 -1.3
 eS 17 20.60

BGL 0.82 269 iPd 17 09.55 -0.6
 SLKM 0.82 163 iPd 17 08.89 -1.3

eS 17 20.93
 PTE 0.92 117 iPd 17 10.44 -0.9
 eS 17 23.33

GHO 0.98 60 iPd 17 11.41 -0.7
 MPA 1.04 140 ePd 17 12.03 -0.9

eS 17 27.91
 KNK 1.09 83 iPd 17 12.90 -0.7
 eS 17 27.73

DFR 1.20 235 iPd 17 14.44 -0.7
 SML 1.24 65 iPd 17 14.80 -0.9

REF 1.27 231 iPd 17 15.52 -0.7
 eS 17 32.12

RDN 1.28 233 eP 17 15.36 -0.9
 RS2 1.31 231 iPd 17 16.07 -0.7

RSO 1.31 231 iPd 17 16.06 -0.7
 RS1 1.31 231 iPd 17 16.17 -0.6

NCT 1.32 237 iPd 17 16.18 -0.6
 RED 1.34 230 iPd 17 16.38 -0.7

eS 17 34.45
 SEW 1.34 152 eP 17 15.42 -1.6
 ILIM 1.65 223 iPd 17 20.82 -0.5

eS 17 42.32
 INE 1.70 224 ePd 17 21.54 -0.6
 SCM 1.70 70 ePd 17 20.84 -1.2

INW 1.72 225 eP 17 21.73 -0.6
 eS 17 44.03

KNIM 1.73 122 ePd 17 19.65 -2.8
 CNPM 1.80 189 ePd 17 22.00 -1.3

GLI 1.80 102 iPd 17 21.01 -2.3
 LTI 1.88 131 eP 17 22.05 -2.4
 MTU 1.99 130 eP 17 23.73 -2.3

OPT 2.07 218 eP 17 27.44 0.3
 VLZ 2.12 93 ePd 17 25.85 -1.9

eS 17 51.10
 FID 2.13 103 eP 17 25.05 -2.8
 TRF 2.17 5 eP 17 28.48 -0.2
 HIN 2.24 112 eP 17 26.83 -2.7

RND 2.29 21 eP 17 29.40 -0.8
 PDB 2.30 230 ePd 17 29.24 -1.0

eS 17 56.73
 TOA 2.30 67 ePd 17 29.84 -0.6
 KLU 2.31 83 iPd 17 28.61 -1.9

AUE 2.35 216 eP 17 31.66 0.6
 AUP 2.37 216 eP 17 31.69 0.4

AUH 2.37 216 eP 17 31.88 0.5
 AUW 2.37 217 eP 17 31.71 0.4

SVW 2.39 268 iPd 17 30.07 -1.6
 CVA 2.53 105 eP 17 31.10 -2.4

TZL 2.63 71 eP 17 34.00 -0.9
 SDG 2.73 61 eP 17 35.81 -0.7

MCNL 2.79 222 eP 17 36.34 -0.9
 CDD 2.79 213 eP 17 37.34 0.0

SGAM 2.80 104 eP 17 33.93 -3.5
 PAX 2.98 53 eP 17 39.17 -0.8

TTA 2.99 306 (P) 17 38.29 -1.9
 HMT 3.30 104 eP 17 40.38 -4.1

GLB 3.32 84 eP 17 42.16 -2.6
 WRH 3.40 19 eP 17 44.34 -1.6

HDA 3.56 27 eP 17 47.18 -1.0
 CCB 3.61 20 eP 17 48.04 -0.8

CROM 3.72 95 eP 17 47.44 -3.1
 MLY 3.75 360 eP 17 49.67 -1.2

MDM 3.84 16 eP 17 51.66 -0.5
 FBA 3.85 19 iPc 17 51.22 -1.0

TGL 3.87 95 eP 17 49.72 -2.8
 DOT 3.88 50 eP 17 51.17 -1.5

WAX 3.93 99 eP 17 49.66 -3.7
 BALM 4.06 90 eP 17 51.92 -3.3

CTGM 4.55 90 eP 17 59.77 -2.4
 PRP 4.83 26 eP 18 05.45 -0.7

IMA 4.97 346 eP 18 06.45 -1.6
 78 obs. associated

NOV 15, 1992 06h 19m 19.97± 0.80s
 46.467 N ± 8.6km 13.080 E ± 7.9km
 DEPTH = 10.0km (geophysicist)

AUSTRIA (546)
 MD 2.7 (LJU).

KBA 0.64 16 iPgD 19 32.50 -0.4
 i 19 39.70

iSg 19 41.60
 VOY 0.71 127 ePg 19 32.80 -1.3
 eSg 19 44.20

WTTA 1.27 309 iPgD 19 43.20 -0.5
 iSg 19 59.70

WATA 1.35 311 iPgC 19 45.00 0.1
 i 19 47.50

iSg 20 02.00
 SOTA 1.49 301 iPgC 19 47.20 0.3
 iSg 20 06.60

VBY 1.80 122 ePn 19 52.60 1.4
 eSn 20 20.10

GEC2 2.42 10 Pn 20 00.70 0.5
 Sg 20 37.20

KHC 2.69 7 ePn 20 04.00 -0.1
 ePg 20 15.00

eSg 20 45.00
 S.D. = 0.9 on 8 of 8 obs.

* NOV 15, 1992 06h 35m 54.52± 1.10s
 7.072 S ± 9.2km 129.897 E ± 17.4km
 DEPTH = 149.4 ± 16.4 km
 4.4mb (3 obs.)

BANDA SEA (280)

TLE 3.17 63 ePc 36 44.80 0.2
 AAI 3.77 333 e(P) 36 53.90 1.5

MTN 5.87 168 iPc 37 20.00 -0.4
 0.3s 116.00nm 5.6mb X

eS 38 24.00
 KNA 8.70 187 eP 37 56.60 -1.8
 0.2s 30.00nm 5.6mb X

eS 39 30.00
 WB2 13.51 162 iPc 38 59.00 -2.3
 0.3s 39.90nm 5.3mb X

iS 41 21.10
 QIS 16.38 146 eP 39 37.70 0.5
 0.1s 9.00nm 5.1mb X

eS 42 27.70
 ASPA 16.94 167 iPc 39 43.60 -0.6
 iS 42 44.90

WARB 19.26 189 eP 40 12.00 2.1
 0.4s 4.00nm 4.1mb

NANU 20.71 220 iPd 40 26.80 2.2
 0.4s 8.00nm 4.5mb

STK 26.99 158 iPc 41 26.80 2.6
 0.3s 3.00nm 4.4mb

eS 46 17.10
 GUN 54.92 311 P 45 11.20 -1.4
 PKI 55.09 311 P 45 13.60 -0.2

KKN 55.31 311 P 45 14.40 -0.8
 DMN 55.34 311 P 45 15.00 -0.5

GKN 55.90 311 P 45 18.60 -0.9
 S.D. = 1.7 on 15 of 15 obs.

NOV 15, 1992 06h 51m 30.30± 0.66s
 32.633 S ± 4.5km 71.863 W ± 8.1km
 DEPTH = 33.0km (normol)

NEAR COAST OF CENTRAL CHILE (135)
 MD 4.7 (SAN).

IHA 0.43 155 iPc 51 39.70 -0.2
 iS 51 44.80

ROCH 0.79 115 iPd 51 44.37 -0.9
 LCCH 0.88 164 iPd 51 46.16 -0.1

JACH 1.07 93 iPd 51 48.39 -0.8
 PEL 1.11 118 iP+ 51 49.54 -0.1

TACH 1.28 143 iPd 51 52.15 0.2
 SAN 1.30 129 iPd 51 52.40 0.1

iS 52 09.44
 LNV 1.37 164 iP+ 51 53.19 -0.1
 FCH 1.49 118 iPd 51 55.25 -0.1

PCH 1.50 131 iPd 51 55.48 0.2
 CHCH 1.65 142 iPd 51 58.09 0.7

CACH 1.82 145 iPd 52 01.30 1.4
 MDZ 2.55 96 i(P) 52 13.30 3.0X

TLL 2.62 20 ePd 52 12.00 0.6
 RTLL 3.16 67 ePd 52 20.60 1.6

CFA 3.24 73 ePd 52 21.90 1.8
 S 53 06.00

RFA 3.54 128 ePc 52 25.30 0.9
 MRA 5.20 89 ePd 52 47.80 -0.1

S 53 52.00
 TCA 6.31 80 iP 53 02.00 -1.6
 CYA 6.69 53 iPd 53 06.00 -2.9

FSA 8.28 40 e(P) 53 34.00 3.0X
 ANT 8.99 9 eP 53 57.40 16.7X

SLA 9.66 37 ePd 53 52.20 2.0
 CCH 16.04 20 eP 55 15.00 -0.4

ARE 16.10 1 eP 55 22.00 5.8X
 LPB 16.39 13 P 55 25.20 5.3X

ZOBO 16.62 13 P 55 24.10 1.0
 Z 24s 0.20um

LR 00 44.00
 SIV 19.24 33 eP 55 55.00 0.2
 BAO 27.48 58 P 57 10.00 -5.7X

e 57 13.90
 e 57 22.00
 e 57 26.80

LIC 74.21 72 P 03 05.00 -0.9
 TIC 74.46 71 P 03 06.40 -1.0

KIC 74.52 72 P 03 06.60 -1.1
 PV10 78.66 331 eP 03 30.00 -0.8

SRU 79.90 330 eP 03 38.17 0.8
 CHG 163.95 147 ePKP 11 31.00 -0.4

S.D. = 1.1 on 29 of 35 obs.

* NOV 15, 1992 07h 02m 21.27± 0.59s
 26.160 S ± 15.8km 70.889 E ± 10.8km
 DEPTH = 10.0km (geophysicist)

4.7mb (6 obs.)
 SOUTH INDIAN OCEAN (425)

SLR 38.19 271 eP 09 43.00 -0.1
 KRI 39.37 265 iPd 09 55.00 1.9

BLF 39.54 255 eP 09 46.50 -7.8X
 GKN 55.45 15 P 11 58.44 -0.1

NVL 55.47 200 eP 11 58.00 -0.1
 1.6s 28.00nm 5.0mb

Z 16s 0.40um 4.6mszx
 GUN 55.66 16 P 12 00.06 -0.3
 ASPA 56.70 102 eP 12 06.90 -0.8

1.1s 6.50nm 4.6mb
 WRA 58.23 98 P 12 19.10 0.7
 0.7s 2.20nm 4.3mb

WB2 58.24 98 eP 12 18.30 -0.2
 0.7s 3.90nm 4.6mb
 BAO 59.09 293 iPd 12 22.50 -2.0
 0.9s 5.00nm 4.6mb

LZH 69.29 28 eP 13 32.00 1.1
1.5s 19.00nm 5.0mb
Z 25s 0.27um 4.4mszX
KIC 80.01 282 P 14 32.60 -0.3
S.D. = 1.1 on 11 of 12 obs.

? NOV 15, 1992 07h 04m 15.61± 3.96s
32.425 S ±19.9km 72.036 W ±28.4km
DEPTH = 26.1 ± 6.0 km
OFF COAST OF CENTRAL CHILE (134)
MD 4.1 (SAN).

IHA 0.69 151 eP 04 29.00 0.1
ROCH 1.02 123 iPd 04 33.61 -0.8
LCCH 1.12 160 iPd 04 35.30 -0.3
JACH 1.25 102 iPd 04 37.65 0.2
PEL 1.34 123 iP+ 04 38.76 -0.1
TACH 1.53 143 iPd 04 41.36 -0.2
SAN 1.55 132 iPd 04 41.53 -0.2
LNV 1.61 161 iP 04 42.33 -0.3
FCH 1.72 122 iPd 04 44.52 -0.1
PCH 1.75 133 iP 04 44.84 0.1
CHCH 1.90 143 iP+ 04 47.40 0.5
CACH 2.07 145 iP 04 50.49 1.0
CFA 3.33 77 e(P) 05 12.00 4.8X
TCA 6.42 82 eP 05 51.20 0.1
S.D. = 0.5 on 13 of 14 obs.

* NOV 15, 1992 07h 23m 20.15± 0.76s
43.612 N ± 9.9km 147.154 E ±11.7km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)
KURIL ISLANDS (221)

KUSJ 1.85 255 iPd 23 50.20 0.1
HOOJ 3.09 248 P 24 09.00 1.7
ASAJ 3.30 280 P 24 13.10 2.4
MRRJ 4.61 257 P 24 30.70 1.4
AOMJ 5.89 241 P 24 47.90 0.5
OFUJ 6.13 224 P 24 50.30 -0.4
YAMJ 7.65 227 P 25 12.20 0.1
NIIJ 8.89 227 P 25 28.70 -0.6
KAKJ 9.13 218 P 25 30.60 -2.0
CHJJ 9.82 222 P 25 40.70 -1.3
MTMJ 10.02 229 P 25 45.00 0.0
TSRJ 11.79 231 P 26 09.90 0.9
FBA 41.21 36 eP 31 04.50 1.6
GUN 51.02 273 P 32 21.00 -0.5
KKN 51.53 274 P 32 25.00 -0.2
PKI 51.56 273 P 32 25.00 -0.5
DMN 51.76 274 P 32 26.60 -0.4
GKN 51.87 274 P 32 27.20 -0.5
WRA 64.33 193 P 33 56.00 1.3
KAF 64.44 333 eP 33 53.50 -1.5
NUR 66.16 333 iP 34 04.40 -1.6
HFS 69.82 337 eP 34 26.90 -2.0
NAO 70.02 339 P 34 28.50 -1.6
PV10 73.22 53 ePc 34 52.90 3.0
CLL 77.44 333 iPd 35 13.00 -0.3
GEC2 79.28 331 ePc 35 23.30 -0.3
GRF 79.41 333 eP 35 25.00 0.8

S.D. = 1.3 on 27 of 27 obs.
? NOV 15, 1992 08h 30m 41.92± 2.34s
16.055 S ±23.8km 26.913 E ±10.1km
DEPTH = 33.0km (normal)
ZAMBIA (576)
mbLg 3.3 (BUL).

KRI 2.70 107 iPn 31 24.00 -0.2
BUL 4.38 159 iPn 31 48.00 0.0
CIR 6.63 139 iPn 32 20.00 0.4
SLR 9.72 173 iPd 33 02.30 -0.3
WIN 11.30 234 eP 33 24.50 0.1
BLF 13.01 183 eP 33 52.00 4.7X
S.D. = 0.4 on 5 of 6 obs.

& NOV 15, 1992 08h 49m 33.51s
60.840 N 150.577 W
DEPTH = 43.7km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 2.7 (AEIC).

NKA 0.34 254 iPc 49 43.68 1.2
SLKM 0.38 152 iPd 49 42.54 -0.5
SUA 0.63 353 iPd 49 45.42 -0.9
PMS 0.64 50 iPc 49 45.69 -0.7
MPA 0.69 120 iPc 49 46.72 -0.3
PTE 0.76 87 iPc 49 47.49 -0.4
SPU 0.80 296 iPc 49 47.57 -0.9
CGLM 0.84 305 iPc 49 48.39 -0.7
CKN 0.87 297 iPc 49 48.85 -0.7
CKT 0.87 295 iPc 49 48.63 -1.0
CRP 0.88 300 ePc 49 49.04 -0.7
PWA 0.88 22 ePd 49 49.10 -0.5
CP2 0.91 298 iPc 49 49.64 -0.7
SEW 0.93 142 eP 49 49.29 -0.9
CKL 0.93 293 iPc 49 49.47 -0.9
NCG 0.95 307 ePc 49 50.07 -0.7
BGL 0.98 297 iPc 49 50.34 -0.8
PLRM 1.03 42 ePc 49 50.77 -0.9
DFR 1.07 257 iPc 49 51.09 -1.2
BRLK 1.09 188 eP 49 51.95 -0.7
REF 1.10 252 iPc 49 51.89 -1.1
RDN 1.12 254 eP 49 51.91 -1.3
RSO 1.14 251 iPc 49 52.41 -1.0
RS2 1.14 252 iPc 49 52.45 -1.0
RS1 1.14 251 iPc 49 52.47 -1.0
RED 1.16 250 iPc 49 52.64 -1.0
NCT 1.19 257 iPc 49 52.97 -1.1
GHO 1.23 40 ePc 49 53.68 -0.9
SKT 1.23 339 ePd 49 53.76 -0.8
HOM 1.30 205 eP 49 55.00 -0.5
CNPM 1.36 194 ePd 49 55.59 -0.8
ILIM 1.41 238 eP 49 56.23 -0.8
SML 1.45 47 ePc 49 56.75 -1.0
INE 1.46 239 ePc 49 56.92 -1.0

INW 1.48 240 eS 50 15.93
KNIM 1.49 108 ePc 49 57.36 -0.9
LTI 1.57 120 eP 49 57.51 -1.8
GLI 1.70 87 ePc 49 58.73 -2.5
OPT 1.78 229 eP 50 02.55 0.2
SCM 1.86 56 eP 50 02.30 -1.2
FID 2.01 91 eP 50 02.42 -3.2
AUP 2.06 225 eP 50 06.87 0.5
AUV 2.07 226 eP 50 06.92 0.5
PDB 2.09 241 eP 50 06.00 -0.7
VLZ 2.09 80 ePc 50 04.75 -1.9
KLU 2.35 72 ePc 50 08.50 -2.1
CVA 2.39 95 eP 50 10.69 -0.4
SYI 2.42 203 eP 50 10.33 -1.1
CDD 2.46 220 eP 50 11.51 -0.6
TOA 2.47 57 eP 50 11.16 -1.0
SVW 2.47 278 eP 50 10.44 -1.9
MCNL 2.51 230 eP 50 12.22 -0.6
TRF 2.62 3 eP 50 14.75 0.2
SGAM 2.66 95 eP 50 12.58 -2.4
RAGM 2.95 96 eP 50 18.49 -0.5
HMT 3.16 96 eP 50 22.47 0.5
GLB 3.34 77 eP 50 21.81 -2.8
BALM 4.02 84 eP 50 30.89 -3.4
58 obs. associated

* NOV 15, 1992 09h 22m 55.39± 1.40s
34.847 S ± 9.8km 178.942 E ±16.4km
DEPTH = 306.5 ± 6.9 km
4.3mb (5 obs.)
SOUTH OF KERMADEC ISLANDS (179)

HBZ 2.79 190 P 23 48.20 -1.7
KUZ 3.23 233 P 23 55.70 1.4
URZ 3.71 203 P 23 58.90 -0.3
NOZ 3.83 191 P 24 00.40 -0.1
TAZ 3.91 209 eP 24 03.40 2.1
WCZ 3.91 252 P 24 01.50 0.1
UTU 3.99 213 eP 24 05.80 3.5X
WLZ 4.05 221 P 24 05.50 2.6
PATZ 4.14 211 eP 24 05.70 1.7
PAHZ 4.28 200 eP 24 06.00 0.5
OUZ 4.40 264 P 24 05.70 -1.1
MAHZ 4.42 191 P 24 07.10 0.1
WHH 4.48 205 P 24 08.00 0.2
MOH 4.51 198 P 24 08.40 0.3
MOZ 4.94 221 P 24 16.30 3.4X
TTH 4.98 199 P 24 14.00 0.6
NGZ 5.08 211 P 24 15.50 0.7
CNZ 5.12 211 P 24 15.70 0.5
WAHZ 5.26 202 P 24 16.60 -0.2
BSZ 5.88 212 P 24 24.70 0.7
PGZ 6.14 199 P 24 26.50 -0.5
MNG 6.38 204 P 24 29.30 -0.7
KIW 6.80 207 P 24 34.10 -0.9
MTW 6.86 202 P 24 34.70 -1.1
AMW 6.92 200 P 24 36.00 -0.5
CAW 6.96 205 P 24 36.00 -1.0
BLW 7.06 202 P 24 37.30 -0.9
DIW 7.15 212 P 24 38.70 -0.6
MOW 7.18 203 P 24 38.60 -1.1
MRW 7.20 206 P 24 38.80 -1.1
WEL 7.22 206 eP 24 39.70 -0.4
SNZO 7.26 206 P 24 35.00 -5.7X
TCW 7.34 209 P 24 40.40 -1.2
CCW 7.83 207 eP 24 48.10 0.5
QRZ 7.83 218 eP 24 46.70 -0.9
THZ 8.38 213 eP 24 54.20 -0.2
KHZ 8.66 208 P 24 56.90 -0.8
DSZ 8.88 217 P 24 59.00 -1.6
LTZ 9.48 211 eP 25 07.10 -0.8
MQZ 10.10 207 P 25 14.60 -0.9
LMZ 11.59 217 eP 25 32.60 -1.2
BWZ 11.92 213 eP 25 38.30 0.6
ODZ 12.00 209 eP 25 40.40 1.6

15d 09h

LRCZ	12.57	213	eS	27	54.60	
MHZ	12.60	213	eP	25	46.10	0.2
LSCZ	12.60	213	eP	25	46.00	-0.2
SBCZ	12.61	213	P	25	46.80	0.5
MMCZ	12.62	214	eP	25	46.00	-0.5
CMCZ	12.67	213	eP	25	47.40	0.4
TLC	12.79	213	eP	25	48.90	0.3
TUZ	13.16	210	eP	25	54.80	2.0
BCZ	13.97	214	eP	26	03.30	0.7
SIZ	14.52	211	eP	26	11.40	2.3
CMS	27.85	267	iPc	28	21.60	2.3
STK	31.22	265	eP	28	47.10	-1.6
CTA	32.35	288	iPc	28	57.50	-1.1
ASPA	40.54	274	iPc	30	07.10	0.1
WB2	41.94	279	iPd	30	17.50	-0.8
WRA	41.95	279	P	30	17.90	-0.5
BCAO	144.71	215	iPKPd	41	59.00	1.3
LIC	151.28	172	PKP	42	17.00	9.0X
KIC	151.45	172	PKP	42	17.40	9.1X
TIC	151.70	172	PKP	42	16.20	7.5X
NAO	152.90	347	PKP	42	13.70	4.8X

S.D. = 1.1 on 57 of 64 obs.

* NOV 15, 1992 09h 30m 00.32±1.49s
32.574 S ± 6.8km 71.777 W ± 14.8km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.4 (SAN).

IHA	0.46	166	ePn	30	07.00	-2.8
ROCH	0.76	122	iPd	30	16.75	1.5
LCCH	0.92	169	iPd	30	18.56	0.7
JACH	1.00	96	iPd	30	20.84	1.4
PEL	1.08	122	iP	30	21.62	0.9
SAN	1.28	133	iPd	30	24.77	0.6
TACH	1.29	147	iP+	30	24.70	0.5
LNV	1.41	168	iP	30	25.66	-0.3
FCH	1.46	121	iP+	30	27.96	1.0
PCH	1.49	135	eP	30	28.41	1.2
CHCH	1.65	146	iP	30	30.59	1.1
CACH	1.83	148	iP	30	34.99	2.8X
MDZ	2.49	98	iP	30	46.30	4.8X
TLL	2.54	19	eP	30	43.00	0.5
CFA	3.15	73	e(P)	30	55.00	4.0X
RFA	3.52	129	ePd	30	54.30	-2.0
MRA	5.13	90	e(P)	31	17.20	-1.8
TCA	6.23	81	eP	31	31.60	-3.0
CYA	6.60	53	e(P)	31	39.00	-0.8
LPB	16.32	13	P	33	58.00	6.5X
ZOBO	16.55	12	eP	33	56.00	1.3
SIV	19.15	33	P	34	30.00	3.5X

S.D. = 1.6 on 17 of 22 obs.

* NOV 15, 1992 09h 42m 06.57±1.04s
39.132 N ± 8.9km 27.542 E ± 17.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.5 (ISK).

IZM	0.77	197	iPg	42	21.50	0.0
DST	0.97	60	ePn	42	25.30	0.3

EDC	1.24	11	ePn	42	30.50	0.9
BNT	1.26	13	ePn	42	29.50	-0.4
KCT	1.28	29	iPn	42	29.50	-0.8

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

NOV 15, 1992 09h 42m 35.71±0.99s
40.215 N ± 7.6km 23.926 E ± 7.9km
DEPTH = 10.0km (geophysicist)
GREECE (364)

OUR	0.13	20	ePg	42	37.66	-1.1
PAIG	0.34	213	ePg	42	42.42	-0.4
SOH	0.75	324	ePg	42	49.66	-0.7
THE	0.84	300	ePg	42	51.50	-0.5
SRS	0.94	344	ePg	42	53.18	-0.4
LIT	1.11	265	ePg	42	56.34	-0.1
KNT	1.23	321	ePb	42	58.20	-0.3
GRG	1.38	303	ePb	43	01.14	0.2
VAY	1.51	317	ePn	43	05.50	2.7
ALN	1.75	66	ePb	43	06.90	0.6

S.D. = 1.2 on 10 of 10 obs.

* NOV 15, 1992 09h 57m 22.04±3.40s
4.383 S ± 17.0km 136.423 E ± 20.8km
DEPTH = 102.4 ± 29.8 km
4.9mb (1 obs.)
IRIAN JAYA REGION, INDONESIA (196)

TLE	3.87	251	ePc	58	21.00	0.6
MTN	9.90	212	eP	59	43.00	-0.1
KNA	13.57	213	eP	00	31.50	-0.1
WB2	15.60	187	iPc	00	55.60	-1.9
QIS	16.37	169	eP	01	07.00	-0.2
CTA	18.31	149	iPd	01	31.50	0.5
ASPA	19.33	187	eP	01	43.70	1.7
WARB	23.61	202	eP	02	32.00	7.3X
RMQ	24.95	153	eP	02	49.00	11.6X
STK	27.78	171	eP	03	09.50	6.2X
LZH	50.50	326	eP	06	12.00	0.1
GUN	58.30	307	P	07	08.88	-0.3
PKI	58.54	306	P	07	11.02	0.3
KKN	58.73	306	P	07	11.42	-0.6
DMN	58.80	306	P	07	12.40	-0.1
GKN	59.34	306	P	07	16.00	-0.1
LPB	148.07	131	ePKP	17	05.00	9.7X
ZOBO	148.19	131	ePKP	17	05.00	9.2X

S.D. = 0.9 on 13 of 18 obs.

* NOV 15, 1992 10h 06m 23.78±0.83s
39.146 N ± 6.9km 27.574 E ± 8.5km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).

IZM	0.79	198	ePg	06	39.00	-0.1
DST	0.94	60	iPn	06	42.00	0.3
EZN	1.18	305	ePn	06	46.00	0.2
EDC	1.22	10	ePn	06	47.00	0.5
BNT	1.24	12	ePn	06	46.00	-0.8
KCT	1.26	28	iPn	06	47.00	-0.1

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

* NOV 15, 1992 10h 55m 43.96s
34.939 N 116.903 W
DEPTH = 0.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.8 (PAS).

GSC	0.37	13	ePc	55	51.37	0.0
SSK	0.98	222	ePd	56	02.26	-1.3
PEC	1.07	192	ePd	56	03.77	-1.2
ISA	1.47	300	ePn	56	10.30	-1.6
PLM	1.58	179	ePd	56	12.45	-1.1
ABL	1.91	268	eP	56	17.28	-1.0
GLA	2.55	137	ePn	56	25.25	-2.1
BCH	2.62	276	ePn	56	28.42	0.0
BONR	3.21	340	ePn	56	38.45	1.5
ARUT	3.99	43	ePn	56	46.49	-1.4

10 obs. associated

& NOV 15, 1992 11h 49m 35.05s
58.110 N 153.509 W
DEPTH = 50.0km
KODIAK ISLAND REGION (13)
<AEIC>. ML 3.4 (AEIC).

KDC	0.65	123	iPc	49	47.79	-0.5
SYI	0.77	49	iP	49	48.94	-0.9
CDD	0.83	355	eP	49	49.83	-0.8
MCNL	1.16	338	eP	49	54.13	-1.1
AUI	1.23	2	eP	49	55.11	-1.1
AUE	1.25	3	iP	49	55.96	-0.5
AUP	1.26	2	eP	49	55.72	-0.9
AUH	1.26	2	eP	49	55.69	-1.0
AUW	1.26	1	eP	49	55.74	-0.9
AUL	1.28	2	eP	49	55.77	-1.1
OPT	1.55	5	iP	49	59.62	-1.1
PDB	1.72	348	eP	50	01.28	-1.8
HOM	1.83	31	eP	50	03.60	-1.0
CNPM	1.85	39	eP	50	03.16	-1.7
INE	1.97	7	eP	50	04.99	-1.8
INW	1.97	5	iP	50	04.97	-1.8
ILIM	2.00	8	eP	50	05.06	-2.0
BRK	2.15	38	eP	50	06.87	-2.2
RED	2.35	9	eP	50	10.09	-1.9
RS1	2.39	9	eP	50	11.11	-1.6
RSO	2.39	9	eP	50	10.91	-1.8
RS2	2.39	9	eP	50	10.91	-1.8
RDW	2.41	8	eP	50	12.67	-0.3
REF	2.42	10	eP	50	11.47	-1.7
RDN	2.44	9	eP	50	11.65	-1.7
NCT	2.48	7	eP	50	12.04	-1.8
DFR	2.53	9	eP	50	12.80	-1.7
RDT	2.54	12	eP	50	12.70	-2.0
NKA	2.89	23	eP	50	18.85	-0.7
SEW	2.90	45	eP	50	16.07	-3.7
SLKM	2.94	34	eP	50	17.02	-3.4
CKL	3.15	10	eP	50	21.19	-2.4
SPU	3.17	13	eP	50	21.59	-2.1
CKT	3.17	11	eP	50	21.26	-2.5
SVW	3.19	341	iPd	50	21.29	-2.8
CKN	3.20	12	eP	50	21.76	-2.3
MPA	3.20	40	eP	50	20.53	-3.5
BGL	3.21	10	eP	50	22.13	-2.3
CP2	3.23	11	eP	50	22.57	-2.1
CRP	3.24	12	eP	50	21.33	-3.5
CGLM	3.30	13	eP	50	23.06	-2.5
NCG	3.37	11	eP	50	24.15	-2.5
PTE	3.59	38	eP	50	25.76	-3.7
SUA	3.64	21	eP	50	27.63	-2.8
PMS	3.73	31	eP	50	28.23	-3.3
KLU	5.12	45	eP	50	46.70	-4.5

46 obs. associated

NOV 15, 1992 12h 06m 54.46±0.83s
43.384 N ± 10.5km 4.466 E ± 5.1km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 3.1 (LDG), 2.4 (STR).

PRAF	0.66	50	Pg	07	08.37	0.7
GELF	0.70	90	Pg	07	09.39	1.1

TREF	0.71	70	Pg	07 18.09	1.2	S.D. = 1.1 on 17 of 20 obs.		UYO	22.15	347	iPd	28 16.30	0.5
			Pg	07 09.72		% NOV 15, 1992 12h 17m 53.82±2.68s		JSC	22.60	16	iP	28 21.23	1.0
BERF	0.90	94	Pg	07 17.79		46.057 N ±16.0km 7.607 E ±35.0km		LHS	22.91	17	iPd	28 24.42	1.1
			Pg	07 12.13	0.4	DEPTH = 10.0km (geophysicist)		OLY	22.98	354	iPc	28 24.04	0.1
PUYF	0.91	80	Pg	07 23.65		SWITZERLAND (544)		TKL	23.38	10	iPd	28 28.42	0.5
VILF	1.02	62	Pg	07 12.70	0.8	ML 2.1 (LDG).		MEO	23.90	339	iPd	28 32.20	-0.8
TAVF	1.18	78	Pg	07 14.72	0.9			WMOK	23.93	339	iPd	28 32.53	-0.7
			Pg	07 17.54	1.0				0.9s	18.01nm		4.6mb	
LRG	1.38	86	Pn	07 32.12		LPL 0.82 229 Pg 18 09.80 0.0				pP	28 42.30	36km	
			Pg	07 18.90	-0.8			FNO	23.96	342	iPc	28 33.90	0.4
			Pg	07 21.20		LPG 0.82 227 Pg 18 09.90 0.0		SIO	24.10	344	eP	28 33.60	-1.3
			Pg	07 37.70				TUL	24.13	346	eP	28 33.90	-1.2
LMR	1.49	91	Pn	07 20.30	-1.0	FEL 1.84 9 ePn 18 25.98 0.2			0.8s	36.20nm		5.0mb	
			Pg	07 22.80		BSF 1.86 343 Pg 18 25.20 -0.9		Z	22s	0.24um		3.6msz	
			Pg	07 40.50						e	33 18.00		
FRF	1.60	83	Pn	07 21.50	-1.3	HAU 2.13 337 Pg 18 30.70 0.8				LR	36 19.00		
			Pg	07 24.50				LNO	24.13	346	eP	28 33.60	-1.4
			Pg	07 44.40		S.D. = 0.8 on 5 of 5 obs.		LNO2	24.13	346	eP	28 33.80	-1.3
SSB	1.90	2	Pn	07 25.79	-1.4	% NOV 15, 1992 12h 49m 11.25±6.70s		ELC	24.61	359	eP	28 38.76	-1.0
			Pg	07 30.67		17.203 N ±57.7km 61.742 W ±26.6km		CEH	24.74	19	iP	28 40.80	-0.2
LBL	2.04	335	Pg	07 55.13		DEPTH = 33.0km (normal)			0.8s	17.22nm		4.7mb	
CAF	2.32	313	Pn	07 34.10	0.8	LEEWARD ISLANDS (92)		ACO	25.83	340	iPc	28 50.20	-1.2
			Pg	07 40.20		ML 3.3 (FDF).		ALO	27.55	327 (P)		29 08.00	0.7
LPO	2.70	300	Pn	08 10.00		BPA 0.19 215 eP 49 17.75 0.0			0.8s	6.53nm		4.4mb	
			Pg	07 39.10	0.4			TUC	28.31	318	eP	29 18.23	4.2X
			Pg	08 22.50		MGH 0.66 223 eP 49 25.20 0.0			0.9s	4.18nm		4.1mb	
RJF	2.86	313	Pg	07 50.00	9.1X	PAG 1.17 177 eP 49 31.40 0.0		GOL	30.83	334 P		29 36.59	-0.1
			Pg	08 26.80					0.8s	11.27nm		4.7mb	
EPF	3.04	265	Pn	07 44.60	1.1	DOG 1.17 174 eP 49 49.50 0.0				pP	29 45.06	29km	
			Pg	07 54.40		MGG 1.34 162 eP 49 33.90 0.1		PV10	31.50	328	eP	29 43.80	1.2
			Pg	08 34.50		S.D. = 0.1 on 5 of 5 obs.		SRU	32.82	328	eP	29 53.72	-0.3
MAF	3.14	335	Pn	07 44.00	-0.9	% NOV 15, 1992 12h 59m 10.79±1.12s		PLM	33.08	313 (P)		29 56.18	-0.2
			Pg	07 54.50		12.534 N ±15.8km 88.654 W ±16.8km		EMUT	33.49	328 (P)		30 00.91	0.9
SMF	3.29	352	Pg	07 58.10	11.0X	DEPTH = 28.9km (2 depth phases)		ARUT	33.51	323 (P)		29 59.14	-1.0
			Pg	08 39.40		4.2mb (6 obs.)		RSSD	34.13	340	iP	30 05.28	-0.1
TCF	3.32	332	Pg	07 59.20	11.7X	OFF COAST OF CENTRAL AMERICA (76)			0.6s	4.47nm		4.6mb	
			Pg	08 41.60		UYO 22.17 347 iPd 04 06.50 0.4		DAU	34.16	328	eP	30 13.62	28km
BGF	3.38	341	Pn	07 47.50	-0.7	PRM 22.20 14 eP 04 07.50 1.1		EEO	34.89	11	eP	30 12.50	0.9
			Pg	07 59.80		JSC 22.67 16 iPd 04 11.36 0.3		BW06	35.16	333	eP	30 13.19	-1.1
			Pg	08 42.10		TKL 23.44 10 eP 04 18.46 -0.1			1.2s	5.71nm		4.4mb	
PGF	3.43	103	Pn	07 46.80	-2.3	MEO 23.91 340 iPd 04 22.40 -0.8		ULM	38.04	352	eP	30 38.50	0.4
LBF	3.62	355	Pg	08 03.40	11.7X	WMOK 23.94 339 eP 04 22.01 -1.4		LMN	38.80	27	eP	30 46.00	1.4
			Pg	08 50.10		1.0s 9.50nm 4.3mb		LRM	38.84	333	eP	30 46.40	1.2
SSF	3.74	350	Pg	08 06.10	12.7X	FNO 23.97 342 iPc 04 24.00 0.3		SIV	39.31	136 P		30 48.40	-0.8
			Pg	08 54.30		TUL 24.15 346 iPc 04 24.50 -0.9		SES	41.96	339	ePc	31 12.20	1.6
LOR	3.91	354	Pg	08 09.30	13.5X	1.2s 7.50nm 4.1mb		YKA	53.21	345	eP	32 35.80	-2.5
			Pg	08 58.10		LNO 24.15 346 eP 04 24.40 -0.9			1.0s	6.40nm		4.5mb	
S.D. = 1.2 on 17 of 24 obs.						LNO2 24.15 346 eP 04 24.40 -1.0		MBC	65.74	352	eP	34 02.00	-2.6
* NOV 15, 1992 12h 15m 59.43±0.91s						ELC 24.65 359 (P) 04 28.12 -2.1		WB2	138.25	254	ePKP	42 45.10	-0.7
32.161 N ±16.4km 138.790 E ±12.7km						ACO 25.84 340 iPc 04 40.40 -1.2			0.6s	1.50nm			
DEPTH = 33.0km (normal)						ALO 27.53 327 eP 05 02.00 4.7X		WRA	138.26	254	PKP	42 50.20	4.4X
4.6mb (9 obs.)						GOL 30.83 334 eP 05 26.71 -0.1			0.7s	0.90nm			
SOUTH OF HONSHU, JAPAN (211)						PV10 31.49 328 eP 05 33.70 1.0		GBA	150.52	29	PKP	43 09.10	2.6
NJ2	16.90	275	Pc	20 03.80	8.9X	PLM 33.05 313 (P) 05 45.35 -0.9		S.D. = 1.2 on 39 of 42 obs.					
BJ1	19.86	300	eP	20 28.50	-2.0	RSSD 34.14 340 eP 05 56.22 0.6		% NOV 15, 1992 14h 11m 05.95±0.52s					
	1.2s	33.00nm		4.5mb		DAU 34.15 328 (P) 05 56.78 0.9		42.449 N ±4.7km 19.136 E ±4.4km					
WHN	20.93	272	Pc	20 46.70	5.1X	BW06 35.16 333 eP 06 04.19 -0.2		DEPTH = 10.0km (geophysicist)					
TIY	22.27	292	Pc	20 56.00	0.8	ULM 38.07 352 eP 06 28.50 0.0		NORTHWESTERN BALKAN REGION (383)					
HHC	23.47	299	Pd	21 06.80	-0.1	LMN 38.88 27 eP 06 36.50 1.1		ML 1.7 (TTG).					
	1.0s	17.00nm		4.5mb		SIV 39.34 135 P 06 38.60 -1.0		TTG	0.09	102	iPg	11 09.75	1.2
BTO	24.57	298	eP	21 17.00	-0.6	SES 41.97 339 eP 07 03.00 2.2				iSg	11 12.90		
XAN	25.05	282	Pd	21 22.00	-0.2	KLU 63.74 333 eP 09 44.70 2.7		BDV	0.28	234	iPg	11 12.14	0.3
	0.8s	16.00nm		4.7mb		WRA 138.16 254 PKP 18 40.70 4.9X				iSg	11 17.27		
		sP	21 32.50			S.D. = 1.2 on 23 of 25 obs.		NKY	0.38	344	iPg	11 14.11	0.4
GYA	28.52	267	P	21 57.00	2.8	% NOV 15, 1992 13h 23m 20.96±0.87s				iSg	11 20.52		
	0.8s	22.00nm		4.9mb		12.577 N ±12.0km 88.563 W ±9.4km		HCY	0.47	270	iPg	11 15.39	-0.2
CD2	29.81	277	iPd	22 05.20	-0.5	DEPTH = 31.1km (3 depth phases)				iSg	11 23.07		
	0.8s	55.00nm		5.4mb		4.6mb (9 obs.)		ULC	0.49	170	iPg	11 15.50	-0.5
CHG	38.13	259	eP	23 23.00	5.7X	OFF COAST OF CENTRAL AMERICA (76)				iSg	11 22.91		
GUN	45.63	279	P	24 19.02	0.0	OXX 9.07 301 (P) 25 38.00 4.9X		BRY	0.63	316	iPg	11 18.47	-0.2
PK1	46.13	279	P	24 22.52	-0.5	PPM 11.63 305 (P) 26 10.00 1.5				iSg	11 28.30		
KKN	46.17	279	P	24 22.96	-0.2	III 11.99 300 (P) 26 13.00 0.1		PVY	0.64	76	iPg	11 18.20	-0.6
DMN	46.37	279	P	24 24.68	-0.1	MRX 14.04 302 (P) 26 41.50 1.5				iSg	11 27.66		
GKN	46.64	280	P	24 26.38	-0.4	PRM 22.14 14 iPd 28 17.27 1.6		IVA	0.70	53	iPg	11 19.50	-0.4
FBA	54.38	30	eP	25 24.80	-0.2					iSg	11 30.06		
STK	63.75	177	iPc	26 29.20	-0.9			PLE	0.90	12	iPg	11 23.24	0.0
	0.6s	8.00nm		5.0mb						iSg	11 36.75		
HFS	77.61	335	eP	27 53.90	0.3			S.D. = 0.6 on 9 of 9 obs.					
	0.5s	1.90nm		4.4mb				% NOV 15, 1992 14h 34m 37.99±1.67s					
NAO	78.10	337	P	27 57.00	0.7			35.953 N ±14.2km 22.315 E ±14.7km					
	0.7s	1.50nm		4.1mb				DEPTH = 95.3 ±12.8 km					
GEC2	85.66	327	eP	28 37.10	1.0			3.5mb (1 obs.)					
	0.5s	0.75nm		4.2mb				CENTRAL MEDITERRANEAN SEA (400)					

15d 14h

VLI 0.91 33 ePb 34 57.70 0.3
 VLS 2.61 329 ePn 35 18.50 -0.7
 NPS 2.77 103 ePn 35 21.20 -0.2
 AGG 3.06 0 iPn 35 26.94 1.6
 eSn 36 08.10
 PAIG 4.11 15 ePn 35 39.34 -0.3
 LIT 4.14 2 ePn 35 40.38 0.2
 OUR 4.57 16 ePn 35 45.69 -0.3
 FNA 4.88 352 ePn 35 50.26 -0.1
 SOH 4.93 9 ePn 35 50.90 -0.2
 GRG 5.00 1 ePn 35 51.42 -0.6
 KNT 5.22 5 ePn 35 55.22 0.1
 SRS 5.25 11 ePn 35 54.70 -0.8
 HFS 24.83 350 eP 39 52.90 0.5
 0.4s 0.70nm 3.5mb
 S.D. = 0.7 on 13 of 13 obs.

* NOV 15, 1992 14h 55m 57.13± 3.21s
 15.917 N ±12.3km 60.368 W ±31.0km
 DEPTH = 33.0km (normal)
 LEEWARD ISLANDS (92)
 ML 3.7 (FDF).

SFG 0.86 293 eP 56 11.20 -1.7
 MGG 0.91 270 ePd 56 13.74 0.2
 S 56 35.70
 PAG 1.27 275 eP 56 19.27 0.6
 S 56 35.90
 CRM 1.27 205 ePd 56 18.48 -0.2
 S 56 35.70
 FDF 1.40 213 ePd 56 20.65 0.1
 S 56 37.00
 MVM 1.45 201 eP 56 21.44 0.2
 BIM 1.55 206 eP 56 22.86 0.1
 S 56 42.80
 BPA 1.82 308 eP 56 27.00 0.4
 MGH 1.95 294 eP 56 29.20 0.7
 GUAN 7.85 222 eP 57 51.70 -0.3
 S.D. = 0.7 on 10 of 10 obs.

* NOV 15, 1992 15h 55m 31.20± 1.36s
 43.017 N ±14.3km 0.426 W ± 5.6km
 DEPTH = 5.0km (geophysicist)
 PYRENEES (378)
 ML 2.5 (LDG).

ESCF 0.13 299 Pg 55 35.34 1.5
 OGE 0.16 347 Pg 55 33.22 -1.2
 ATE 0.21 289 Pg 55 35.06 -0.5
 Sg 55 38.05
 ISSF 0.27 272 Pg 55 36.75 0.0
 Sg 55 40.91
 MADF 0.32 294 Pg 55 36.83 -0.7
 Sg 55 41.37
 EPF 0.56 88 Pg 55 42.10 -0.4
 Sg 55 50.70
 LPO 2.03 34 Pg 56 07.90 1.4
 Sg 56 34.40
 LFF 2.10 23 Pg 56 09.00 1.6
 Sg 56 36.20
 CAF 2.62 42 Pn 56 13.20 -1.7
 Sg 56 52.90
 RJF 2.68 31 Pg 56 20.70 4.9X
 Sg 56 54.00
 BGF 4.24 32 Pg 56 49.00 11.2X
 Sg 57 43.40
 S.D. = 1.4 on 9 of 11 obs.

NOV 15, 1992 15h 57m 07.21± 0.45s
 11.475 S ± 6.8km 114.962 E ± 8.7km
 DEPTH = 33.0km (normal)
 5.0mb (10 obs.)
 SOUTH OF BALI, INDONESIA (284)

MKS 7.65 36 iPc 58 56.30 -2.9
 KUG 8.59 82 eP 59 12.60 0.3
 e 00 40.60
 e 02 32.00
 KUPT 8.59 82 eP 59 12.60 0.3
 eS 00 40.60
 MBL 10.70 155 eP 59 34.50 -6.9X
 eS 01 26.00
 NANU 11.04 177 eP 59 44.00 -1.9
 eS 01 42.00
 KNA 14.07 109 eP 00 22.50 -4.0X
 eS 02 42.00
 MEEK 15.47 168 iPd 00 43.00 -1.7

0.3s 94.00nm 5.6mb
 eS 03 22.00
 MRWA 17.68 177 eP 01 12.00 -0.6
 0.3s 12.00nm 4.5mb X
 eS 04 15.00
 WARB 18.32 145 eP 01 19.50 -1.1
 eS 04 34.00
 BAL 19.11 175 eP 01 31.30 1.2
 0.3s 34.00nm 5.1mb
 eS 04 51.00
 COOL 20.15 164 eP 01 44.00 2.5X
 0.4s 49.00nm 5.2mb
 eS 05 09.00
 KLB 20.19 173 eP 01 46.00 4.1X
 0.4s 31.00nm 5.0mb
 eS 05 14.00

WB2 20.46 117 iPc 01 45.10 0.2
 iS 05 17.90
 IPM 21.13 318 ePd 01 51.10 -0.7
 0.9s 48.00nm 4.9mb
 ASPA 21.72 126 iPc 01 59.40 1.7
 0.6s 13.60nm 4.5mb
 eS 05 40.80

RKG 23.07 176 eP 02 25.00 14.2X
 0.4s 5.00nm
 NST 30.71 331 eP 03 26.00 4.5X
 STK 31.86 134 iPd 03 33.60 2.1
 0.5s 3.20nm 4.5mb
 i 04 11.40
 eS 09 42.50

CHG 33.99 332 eP 03 50.00 -0.2
 GBA 44.79 303 P 05 20.80 0.8
 LSA 46.93 331 eP 05 39.60 2.3
 GUN 48.23 325 P 05 47.24 -0.2
 PKI 48.24 324 P 05 47.84 0.4
 DMN 48.45 324 P 05 47.86 -1.1
 LZH 48.45 348 eP 05 49.00 0.2
 1.5s 27.00nm 5.1mb

KKN 48.48 324 P 05 48.40 -0.8
 GKN 49.01 324 P 05 52.72 -0.5
 HHC 52.15 357 P 06 13.00 -3.8X
 GTA 52.55 345 eP 06 19.00 -0.9
 1.0s 6.00nm 4.5mb
 pP 06 24.50 18kmX
 sP 06 28.00

KSH 62.30 327 P 07 30.00 1.3
 0.7s 60.00nm 5.8mb
 OLY 146.15 41 ePKPc 16 46.78 1.6
 pP 17 00.89
 CNCB 151.75 174 PKP 17 06.20 11.2X
 LPB 152.01 174 ePKP 17 04.00 8.8X
 ZOBO 152.25 174 PKP 17 07.00 11.2X
 S.D. = 1.4 on 24 of 34 obs.

* NOV 15, 1992 16h 35m 46.20± 0.47s
 1.371 N ± 7.6km 129.337 E ±15.5km
 DEPTH = 25.1km (2 depth phases)
 4.7mb (11 obs.)
 HALMAHERA, INDONESIA (267)

AAI 5.15 193 ePd 37 05.50 1.8
 eS 37 10.50
 BIP 7.47 336 eP 37 51.00 14.6X
 CGP 8.42 327 eP 37 51.00 1.4
 eS 39 24.00

WB2 21.75 167 iPd 40 36.50 -1.4
 0.6s 21.30nm 4.8mb
 OIS 24.00 156 eP 41 01.00 1.0
 ASPA 25.08 170 iPc 41 11.60 -0.7
 0.8s 14.40nm 4.7mb
 eS 45 31.40

CHG 34.47 302 eP 42 30.00 -4.4X
 KMI 34.88 315 Pd 42 39.20 1.1
 1.0s 20.00nm 5.0mb
 STK 35.05 162 eP 42 38.20 -1.0
 0.9s 1.40nm 3.9mb
 XAN 37.70 332 P 43 01.30 -0.3
 0.8s 8.20nm 4.6mb

CD2 38.08 323 Pc 43 04.80 0.0
 1.0s 16.00nm 4.8mb
 ARMA 38.09 148 iPc 43 06.10 1.1
 0.4s 5.00nm 4.7mb
 TIY 39.37 339 Pd 43 15.80 0.2
 BJI 40.31 344 eP 43 23.50 0.3
 1.2s 17.00nm 4.7mb

LZH 41.85 328 Pd 43 37.00 0.9
 1.5s 43.00nm 5.0mb

HHC 42.47 340 pP 43 45.00 27km
 1.0s 1.40nm 3.6mb X
 GTA 46.45 328 eP 44 13.00 -0.1
 1.0s 11.00nm 4.8mb
 pP 44 20.00 23km
 GUN 49.21 306 P 44 34.50 -0.6
 PKI 49.45 306 P 44 36.44 -0.5
 KKN 49.64 306 P 44 37.56 -0.8
 DMN 49.71 306 P 44 38.26 -0.6
 GKN 50.25 306 P 44 42.04 -0.8
 WMO 56.14 325 P 45 25.00 -1.2
 YAK 60.50 0 eP 45 56.00 -0.1
 1.0s 20.00nm 5.2mb
 S.D. = 0.9 on 22 of 24 obs.

NOV 15, 1992 16h 36m 47.90± 0.36s
 47.496 N ± 3.1km 7.112 E ± 3.6km
 DEPTH = 5.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.8 (LDG), 2.3 (STR).

LOMF 0.24 233 Pg 36 52.61 -0.2
 BBS 0.27 97 Pg 36 53.03 -0.4
 Sg 36 57.05
 MOF 0.36 2 Pg 36 55.70 0.6
 Sg 37 01.57

BSF 0.40 327 Pg 36 56.21 0.3
 Sg 37 02.44
 FEL 0.72 58 ePg 37 01.67 -0.6
 ECH 0.72 2 Pg 37 02.73 0.4
 Sg 37 12.72

HAU 0.72 315 Pg 37 02.70 0.3
 Sg 37 13.60
 CDF 0.92 7 Pg 37 05.99 -0.1
 Sg 37 19.00
 WLS 0.93 10 Pg 37 06.37 0.2
 Sg 37 19.16

SLE 0.97 73 iPd 37 06.00 -0.9
 VITF 1.05 314 Pg 37 08.77 0.6
 Sg 37 23.43
 DIX 1.43 172 P 37 14.20 -0.6
 EMS 1.43 185 eP 37 14.50 -0.3

MMK 1.56 158 ePd 37 17.20 0.6
 LPL 2.00 188 Pg 37 24.50 1.6
 Sg 37 49.90
 LPG 2.01 187 Pg 37 24.70 1.5
 Sg 37 51.20

LBF 2.20 258 Pn 37 24.80 -0.8
 Pg 37 28.70
 LOR 2.22 265 Pn 37 25.00 -1.0
 Pg 37 29.70
 Sg 37 57.80

SMF 2.39 250 Pg 37 32.20 3.8X
 Sg 38 02.30
 SSF 2.49 261 Pn 37 28.40 -1.4
 Pg 37 34.50
 Sg 38 05.50

BGF 3.07 254 Pg 37 45.40 7.5X
 Sg 38 23.60
 MAF 3.37 249 Pg 37 50.10 7.8X
 Sg 38 34.20
 S.D. = 0.9 on 19 of 22 obs.

? NOV 15, 1992 17h 04m 13.31± 1.71s
 6.660 N ±38.2km 72.725 W ±43.0km
 DEPTH = 122.8 ± 39.2 km
 NORTHERN COLOMBIA (99)

BMG 0.54 320 iPc 04 31.00 -1.2
 BOG 2.42 213 iPc 04 54.00 0.9
 iS 05 25.00
 SDV 3.03 43 iPnc 05 02.60 1.6
 iSn 05 40.90

TOV 4.25 43 ePnc 05 17.60 0.3
 iSn 06 08.00
 CEOS 4.95 61 ePd 05 26.80 0.1
 GUAN 7.73 64 eP 06 03.40 -1.4
 ZOBO 23.25 169 eP 09 11.00 -0.4
 e 09 41.00

S.D. = 1.5 on 7 of 7 obs.
 ? NOV 15, 1992 17h 13m 24.90± 1.28s
 0.854 N ± 8.0km 126.816 E ±16.5km
 DEPTH = 71.8 ± 17.7 km
 4.7mb (4 obs.)

NORTHERN MOLUCCA SEA (266)						DEPTH = 10.0km (geophysicist) TURKEY (366)						NORTHERN NORWAY (646) MD 2.9 (BER).					
AAI 4.72 163 eP 14 35.60 0.4 e(S) 15 31.10						EDC 0.50 161 iPg 40 46.00 0.0 iSg 40 53.00						LOF 0.68 313 iPc 58 52.44 0.0 iS 59 02.55					
BIP 7.34 356 ePc 15 12.00 0.3						BNT 0.50 156 iPg 40 45.90 -0.2 iSg 40 52.90						MOR7 1.40 182 eP 59 04.74 0.3 eS 59 24.56					
MKS 9.50 231 iPd 15 42.30 1.0						KCT 0.78 136 iPg 40 51.30 0.2 iSg 41 01.30						ARA0 4.32 60 Pn 59 46.07 0.0 Pg 59 55.61					
KNA 16.61 173 eP 17 14.00 -0.7						DMK 1.01 4 iPg 40 55.00 0.0 eSg 41 07.50						NRA0 7.12 193 Pn 00 25.19 -0.3 Sn 01 44.99					
WRA 21.95 161 P 18 14.39 0.3						ISK 1.09 76 ePn 40 56.40 -0.1						Lg 02 24.89					
WB2 0.6s 14.90nm 4.6mb 21.95 161 iPc 18 14.10 0.0 0.6s 29.80nm 4.9mb iS 22 12.10						DST 1.42 148 ePn 41 02.00 0.2 S.D. = 0.2 on 6 of 6 obs.						S.D. = 0.5 on 4 of 4 obs.					
MBL 22.92 197 eP 18 21.00 -2.6						& NOV 15, 1992 18h 54m 17.37s 59.937 N 152.001 W						? NOV 15, 1992 19h 10m 19.82±1.30s 44.404 N ±22.6km 149.802 E ±17.7km					
ASPA 25.33 165 iPc 18 47.00 0.2 0.7s 44.70nm 5.0mb eS 23 06.70						DEPTH = 65.6km SOUTHERN ALASKA (2) <AEIC>. ML 2.7 (AEIC).						DEPTH = 33.0km (normal) 4.3mb (5 obs.)					
STK 35.44 158 eP 20 17.30 1.1 0.9s 2.30nm 4.1mb						HOM 0.33 147 iPc 54 28.09 -0.4 eS 54 37.02						KURIL ISLANDS (221) KUSJ 3.91 252 eP 11 16.80 -2.3 eS 12 00.30					
GUN 47.52 308 P 21 56.50 1.0 S.D. = 1.3 on 11 of 11 obs.						ILIM 0.50 287 iPd 54 29.39 -0.7 eS 54 38.99						ASAJ 5.15 269 eP 11 38.90 2.2 HOOJ 5.16 249 eP 11 37.20 0.5 eS 12 34.40					
? NOV 15, 1992 17h 23m 03.56±1.74s 15.362 N ±12.2km 121.566 E ±23.7km DEPTH = 33.0km (normal) 4.3mb (1 obs.)						INE 0.55 284 iPd 54 29.79 -0.9 eS 54 40.03						LZH 35.66 273 eP 17 17.00 0.2 1.0s 24.00nm 5.1mb					
LUZON, PHILIPPINE ISLANDS (249)						CNPM 0.57 136 iPc 54 29.86 -0.8 eS 54 39.77						IMA 37.07 34 (P) 17 29.45 1.2 WRA 65.58 196 P 21 02.70 0.3 0.7s 0.40nm 3.6mb					
QVP 0.91 217 eP 23 19.00 -1.0 e 23 33.00						INW 0.58 283 iPd 54 30.30 -0.7 eS 54 40.71						HFS 69.81 338 eP 21 27.20 -1.3 0.4s 1.80nm 4.5mb					
TGY 1.39 206 iPd 23 28.00 1.1 iS 23 47.00						BRLK 0.59 107 eP 54 30.21 -0.7 eS 54 40.22						NAO 69.95 340 P 21 27.40 -1.9 0.7s 2.40nm 4.4mb					
BCP 1.40 319 eP 23 27.00 0.1 eS 23 41.80						RED 0.62 322 iPd 54 30.62 -0.7 eS 54 41.51						KHC 79.29 332 eP 22 23.50 0.3 e 22 39.00					
CVP 2.34 6 eP 23 48.00 7.5X eS 24 36.50						RS1 0.65 325 iPd 54 31.18 -0.6 RSO 0.65 325 iPd 54 31.16 -0.6						GEC2 79.50 332 ePd 22 25.20 0.8 0.4s 0.70nm 4.0mb e 22 38.70					
PIP 3.08 343 ePd 23 54.00 3.0X WB2 37.27 160 eP 30 14.10 -0.2 0.3s 1.30nm 4.3mb S.D. = 1.5 on 4 of 6 obs.						RS2 0.65 325 iPd 54 31.22 -0.6 REF 0.66 328 iPd 54 31.21 -0.7 eS 54 42.39 eS 54 42.41						S.D. = 1.6 on 10 of 10 obs.					
? NOV 15, 1992 17h 28m 47.11±0.91s 15.241 N ±7.3km 120.943 E ±36.0km DEPTH = 33.0km (normal)						OPT 0.68 246 eP 54 31.54 -0.5 eS 54 43.03						* NOV 15, 1992 19h 17m 24.43±1.37s 38.104 N ±7.7km 26.889 E ±12.3km DEPTH = 10.0km (geophysicist)					
LUZON, PHILIPPINE ISLANDS (249)						DFR 0.74 333 iPd 54 31.91 -0.9 eS 54 43.95						AEGEAN SEA (365) MD 3.3 (ISK).					
QVP 0.62 175 eP 28 58.00 -1.4 eS 29 13.00						NCT 0.78 324 iPd 54 32.68 -0.6 AUL 0.92 233 eP 54 34.57 -0.3						IZM 0.42 45 iPg 17 33.10 0.2 iSg 17 39.10					
TGY 1.13 180 iPd 29 08.00 1.3 eS 29 27.00						AUP 0.92 232 eP 54 34.81 -0.2 AUH 0.93 232 eP 54 34.78 -0.3						CIN 1.07 118 iPg 17 44.00 -0.6 iSg 17 56.00					
BCP 1.21 345 eP 29 08.00 0.2 eS 29 23.40						AUW 0.94 233 eP 54 34.89 -0.2 SLKM 1.06 56 eP 54 35.32 -1.4						YER 1.47 131 iPn 17 51.50 0.5 EZN 1.77 346 ePn 17 55.50 0.2					
CVP 2.59 19 eP 29 28.00 0.4 eS 30 17.00						PDB 1.12 263 iPc 54 36.56 -0.9 eS 54 51.62						DST 2.02 42 iPn 17 59.50 0.5 KHL 2.09 83 iPn 18 00.00 0.0					
PIP 3.08 354 ePd 29 34.00 -0.6 S.D. = 1.4 on 5 of 5 obs.						SPU 1.25 359 ePd 54 38.61 -0.7 CKT 1.27 356 eP 54 38.99 -0.6 eS 54 56.86						EDC 2.36 18 iPn 18 04.00 0.1 BNT 2.39 19 ePn 18 03.00 -1.2 KCT 2.43 28 ePn 18 05.00 0.2 S.D. = 0.6 on 9 of 9 obs.					
? NOV 15, 1992 17h 32m 11.67±5.95s 32.994 S ±19.6km 70.347 W ±24.1km DEPTH = 100.2 ±46.9 km						CKL 1.27 353 ePd 54 39.23 -0.4 SEW 1.29 81 eP 54 39.47 -0.3						? NOV 15, 1992 19h 24m 09.91±1.08s 34.753 N ±17.8km 33.360 E ±9.2km DEPTH = 33.0km (normal)					
CHILE-ARGENTINA BORDER REGION (127) MD 3.7 (SAN).						CKN 1.29 356 eP 54 39.76 -0.1 CDD 1.31 220 eP 54 39.60 -0.5 CP2 1.34 355 eP 54 40.56 0.0						CYPRUS REGION (372) ML 3.4 (CSS).					
PEL 0.32 242 iPd 32 26.66 0.0 iS 32 38.04						CRP 1.34 357 ePd 54 40.39 -0.2 BGL 1.34 352 ePd 54 40.42 -0.2						CSS 0.21 353 ePc 24 16.20 -0.4 eS 24 21.50					
FCH 0.34 172 iP+ 32 26.84 -0.2 iS 32 38.69						SYI 1.35 189 ePc 54 40.09 -0.4 CGLM 1.38 360 ePd 54 40.55 -0.5						FAM 0.58 65 eP 24 22.10 0.4 eS 24 30.80					
JACH 0.37 326 iP+ 32 26.97 0.0 iS 32 38.98						MCNL 1.41 239 ePc 54 40.33 -1.0 eS 54 58.21						PPCY 0.85 279 eP 24 25.60 0.2 eS 24 36.70					
ROCH 0.56 272 iPd 32 28.56 0.1 iS 32 41.42						MPA 1.43 66 eP 54 41.36 -0.3 eS 55 00.15						BHL 2.08 113 Pg 24 43.00 -0.2 Sg 25 02.00 S.D. = 0.7 on 4 of 4 obs.					
PCH 0.64 193 iPd 32 29.01 0.1 iS 32 41.94						NGC 1.47 357 eP 54 42.13 -0.2 PTE 1.75 57 ePd 54 45.10 -0.9						? NOV 15, 1992 20h 05m 11.16±5.03s 43.332 N ±27.7km 19.978 E ±25.8km DEPTH = 10.0km (geophysicist)					
TACH 0.82 217 iPd 32 30.57 0.0 iS 32 44.92						PMS 1.78 41 eP 54 46.06 -0.5 SKT 2.06 6 eP 54 50.11 -0.3						NORTHWESTERN BALKAN REGION (383) ML 2.3 (TTG).					
CHCH 0.97 195 iP+ 32 32.16 0.0 iS 32 47.97						LTI 2.09 85 eP 54 51.77 1.1 KNIM 2.17 77 eP 54 51.47 -0.5						PLE 0.43 270 iPg 05 19.19 -0.7 iSg 05 25.79					
LCCH 1.13 245 iP+ 32 34.06 0.2 iS 32 50.50						KNK 2.29 48 eP 54 52.02 -1.5 GHO 2.38 38 eP 54 54.83 0.0						IVA 0.46 187 iPg 05 20.12 -0.5					
CACH 1.14 191 iP+ 32 34.43 0.3 iS 32 52.15						SML 2.60 42 eP 54 56.36 -1.5 GLI 2.61 67 eP 54 57.64 -0.4											
LNV 1.31 223 iP+ 32 35.34 -0.6 iS 32 53.48						VLZ 3.05 64 eP 55 01.65 -2.5 KLU 3.37 60 ePc 55 06.45 -2.3 45 obs. associated											
S.D. = 0.3 on 10 of 10 obs.						? NOV 15, 1992 18h 58m 38.92±0.90s 67.673 N ±8.3km 14.872 E ±11.0km DEPTH = 10.0km (geophysicist)											
% NOV 15, 1992 18h 40m 35.94±1.31s 40.816 N ±5.5km 27.654 E ±15.1km																	

15d 20h

PVY 0.74 180 iSg 05 26.99
iPgc 05 24.82 -0.9
iSg 05 36.16
NKY 0.89 234 iPg 05 28.11 -0.1
iSg 05 41.72
TTG 1.04 211 iPg 05 30.77 -0.1
iSg 05 46.76
BRY 1.14 248 iPg 05 32.31 -0.2
iSg 05 49.96
BDV 1.35 219 iPg 05 36.68 0.7
iSg 05 56.99
HCY 1.40 231 iPg 05 37.53 0.8
iSg 05 58.78
ULC 1.47 202 iPg 05 38.76 1.1
iSg 06 01.02

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

NOV 15, 1992 21h 01m 15.86±0.80s
41.033 N ± 7.1km 20.045 E ± 7.0km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 2.2 (TIR), 2.2 (TTG).

TIR 0.34 337 iPg 01 21.50 -1.4
iSg 01 27.50
OHR 0.58 82 iPg 01 27.80 0.2
iSg 01 38.80
LACI 0.65 337 ePg 01 31.40 2.5
PHP 0.72 24 iPg 01 28.30 -1.7
TPE 0.74 182 ePg 01 30.00 -0.3
ULC 1.10 328 iPg 01 34.86 -1.7
iSg 01 45.95
SKO 1.41 48 iPh 01 42.00 0.5
iSg 02 04.20
TTG 1.51 337 iPg 01 42.03 -0.9
iSg 01 59.07
BDV 1.55 324 iPg 01 42.95 -0.5
iSg 02 00.66
PVY 1.56 358 iPg 01 43.60 -0.2
iSg 02 01.31
HCY 1.83 321 iPg 01 48.15 0.6
iSg 02 10.25
IVA 1.84 357 iPg 01 48.63 0.8
iSg 02 10.66
VAY 1.93 81 ePn 01 49.00 0.0
NKY 1.94 337 iPg 01 50.07 0.8
iSg 02 12.85
BRY 2.18 330 iPh 01 53.37 0.6
iSn 02 18.70
PLE 2.35 348 iPh 01 55.85 0.7
iSh 02 22.60

S.D. = 1.2 on 16 of 16 obs.

& NOV 15, 1992 21h 09m 56.18s
63.164 N 150.006 W
CENTRAL ALASKA (1)
<AEC>.

HUR 0.25 138 iP 10 10.67 1.6
eS 10 22.04
TRF 0.31 336 iP 10 11.19 -0.2
eS 10 22.56
KTH 0.57 314 iP 10 12.67 -0.2
eS 10 24.87
RND 0.58 64 iP 10 12.58 -0.4
S 10 25.48
MCK 0.75 40 iP 10 13.97 -0.4
eS 10 27.24
SKT 1.38 211 iP 10 20.81 -0.6
eS 10 39.49
NEA 1.48 16 eP 10 21.57 -1.0
eS 10 40.24
GHO 1.48 160 eP 10 22.82 0.1
PWA 1.52 178 eP 10 23.37 0.3
WRH 1.56 32 eP 10 22.64 -1.0
SML 1.57 150 eP 10 23.38 -0.4
PLRM 1.63 165 eP 10 24.07 -0.4
SUA 1.74 192 eP 10 26.19 0.1
CCB 1.78 32 eP 10 25.17 -1.2
SCM 1.82 136 eP 10 26.69 -0.4
HDA 1.84 46 eP 10 26.13 -1.1
KNK 1.90 157 eP 10 27.62 -0.4
MLY 1.90 351 eP 10 27.04 -1.0
PMS 1.94 174 eP 10 28.35 -0.2
NCG 2.03 211 eP 10 29.16 -0.7
eS 10 54.86

TOA 2.07 119 eP 10 30.62 0.4
PAX 2.07 93 eP 10 30.46 0.1
CGLM 2.09 208 eP 10 29.87 -0.6
DJE 2.12 64 eP 10 30.48 -0.4
SDG 2.14 105 eP 10 30.98 -0.2
S 10 58.31
CRP 2.15 209 eP 10 31.15 -0.3
CP2 2.18 210 eP 10 31.19 -0.6
CKN 2.20 209 eP 10 31.90 0.0
SPU 2.21 207 eP 10 31.25 -0.9
BGL 2.21 211 eP 10 32.26 0.1
CKT 2.22 209 eP 10 31.89 -0.4
CKL 2.26 210 eP 10 32.41 -0.4
PTE 2.35 168 eP 10 32.98 -1.0
TZL 2.40 116 eP 10 34.85 0.3
KLU 2.54 130 eP 10 35.41 -1.1
SLKM 2.67 182 eP 10 38.14 -0.1
VLZ 2.67 138 eP 10 36.39 -1.8
GLI 2.67 148 eP 10 36.32 -1.9
MPA 2.70 173 eP 10 37.80 -0.8
DFR 2.88 207 eP 10 40.94 -0.2
FID 2.94 144 eP 10 40.66 -1.2
REF 2.97 207 eP 10 41.89 -0.6
RSO 3.01 207 eP 10 42.39 -0.6
KNIM 3.02 158 eP 10 40.74 -2.3
SEW 3.08 175 eP 10 42.75 -1.0
LTI 3.30 161 eP 10 44.90 -1.9
GLB 3.37 118 eP 10 46.99 -0.8
INE 3.44 206 eP 10 49.33 0.5
INW 3.45 207 eP 10 48.86 -0.1
CNPM 3.70 190 eP 10 51.62 -0.7
WAX 4.35 126 eP 10 59.54 -1.7

51 obs. associated

NOV 15, 1992 21h 43m 19.48±2.72s
15.892 N ±11.1km 60.379 W ±25.9km
DEPTH = 33.0km (normal)

LEEWARD ISLANDS (92)
ML 3.6 (FDF).

MGG 0.90 272 eP 43 35.50 -0.3
S 43 48.00
DOG 1.20 277 eP 43 40.16 0.1
CRM 1.24 205 eP 43 40.30 -0.3
PAG 1.26 276 eP 43 41.02 0.1
S 43 58.30
FDF 1.37 213 eP 43 42.56 0.0
S 44 00.50
MVM 1.42 201 eP 43 43.30 0.1
S 44 02.50
BIM 1.52 206 eP 43 44.94 0.2
S 44 04.70
BPA 1.82 309 eP 43 49.00 -0.1
MGH 1.95 295 eP 43 51.00 0.1

S.D. = 0.2 on 9 of 9 obs.

NOV 15, 1992 21h 57m 51.18±1.92s
15.859 N ± 7.3km 60.457 W ±20.6km
DEPTH = 51.7 ± 11.4 km

LEEWARD ISLANDS (92)

SFG 0.81 299 eP 58 05.51 -1.0
MGG 0.83 274 iPd 58 06.58 -0.2
S 58 18.00
SEG 1.14 298 eP 58 11.30 0.2
CRM 1.19 202 eP 58 11.32 -0.4
PAG 1.19 278 ePd 58 12.04 0.2
S 58 28.30
FDF 1.30 211 eP 58 13.49 0.1
S 58 31.50
MVM 1.36 198 eP 58 14.32 0.1
S 58 32.32
BIM 1.46 204 eP 58 15.76 0.2
BPA 1.79 311 eP 58 20.73 0.5
MGH 1.89 297 eP 58 22.15 0.5
GUAN 7.75 221 eP 59 44.80 0.6
SDV 12.11 236 eP 00 43.20 -0.7
UYO 35.57 307 iPc 04 45.40 -0.2

S.D. = 0.6 on 13 of 13 obs.

NOV 15, 1992 22h 12m 19.82±3.04s
18.028 N ±29.2km 98.380 W ±13.5km
DEPTH = 33.0km (normal)

CENTRAL MEXICO (523)

IIT 0.99 4 iP 12 37.50 -0.2
(S) 12 51.00

PPM 1.06 347 iP 12 39.00 0.1
(S) 12 54.00
III 1.09 289 iP 12 39.00 0.0
iS 12 51.00
IISM 1.35 45 iP 12 42.50 0.0
iS 12 59.00
OXX 1.84 121 (P) 13 02.00 12.2X
S.D. = 0.2 on 4 of 5 obs.

NOV 15, 1992 22h 39m 38.87±0.55s
40.317 N ± 8.7km 25.923 E ± 4.8km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.2 (ISK).

EZN 0.58 148 iPg 39 49.40 -1.2
eSg 39 58.40
ALN 0.59 9 iPg 39 49.93 -0.8
iSg 39 59.10
EDC 1.48 88 iPh 40 06.00 0.4
BNT 1.53 88 iPh 40 05.00 -1.2
PAIG 1.76 258 ePh 40 10.50 0.9
KCT 1.86 91 ePh 40 12.00 0.9
SRS 1.94 295 ePh 40 13.30 1.0
eSn 40 36.50
SOH 2.02 285 ePh 40 12.94 -0.5
DST 2.20 108 iPh 40 16.00 0.6
KNT 2.45 291 ePh 40 17.86 -1.7
ISK 2.50 72 ePh 40 21.00 0.8
VAY 2.74 293 ePh 40 10.60 -13.0X
GRG 2.75 285 ePh 40 24.70 0.8

S.D. = 1.1 on 12 of 13 obs.

NOV 15, 1992 22h 56m 53.35±1.16s
15.590 S ±11.8km 167.280 E ±11.8km
DEPTH = 152.8 ± 10.4 km
4.5mb (2 obs.)

VANUATU ISLANDS (186)

BKM 2.26 156 iPd 57 31.60 -0.6
iS 58 05.00
DZM 6.49 187 iPd 58 28.30 0.5
iS 59 43.80
SVO 9.70 310 P 59 11.00 0.5
STK 28.46 231 eP 02 37.90 1.9
0.7s 6.40nm 4.5mb
WB2 31.62 257 iPh 03 03.00 -1.0
0.7s 8.00nm 4.6mb
ASPA 32.39 250 iPd 03 10.40 -0.3
0.5s 33.00nm 5.4mb X
MBL 45.24 256 iPd 04 55.70 -1.5
FLN 145.43 346 ePKP 16 13.30 -1.3
0.8s 16.00nm
LDF 145.50 345 ePKP 16 13.50 -1.2
0.7s 8.05nm
LOR 145.55 340 ePKP 16 14.20 -0.7
0.9s 6.40nm
LBF 145.75 340 ePKP 16 15.00 -0.3
0.9s 7.85nm
SSF 145.84 340 ePKP 16 14.50 -0.8
0.8s 4.55nm
GRR 145.87 346 ePKP 16 15.00 -0.3
0.6s 7.50nm
LPL 145.98 335 ePKP 16 16.60 0.7
0.7s 3.75nm
LPG 145.98 335 ePKP 16 16.70 0.7
0.6s 3.25nm
SMF 146.10 339 ePKP 16 16.40 0.6
0.7s 3.30nm
AVF 146.13 340 ePKP 16 16.60 0.8
0.5s 1.60nm
LPF 146.24 346 ePKP 16 16.30 0.4
0.6s 6.50nm
BGF 146.50 340 ePKP 16 17.00 0.6
0.7s 6.40nm
LSF 147.19 342 ePKP 16 18.80 1.3
0.6s 3.70nm

S.D. = 1.0 on 20 of 20 obs.

NOV 15, 1992 23h 35m 07.82±0.97s
67.764 N ±14.4km 20.283 E ±12.6km
DEPTH = 10.0km (geophysicist)
SWEDEN (536)
MD 3.2 (BER).

KTK1 1.66 40 eP 35 36.95 -0.2
eSg 35 59.46

LOF 2.57 281 eP 35 50.15 0.0
eSg 36 27.55
ARA0 2.61 45 Pn 35 50.92 0.2
Sg 36 26.04
MOR7 2.64 238 eP 35 54.75 3.6X
eSg 36 30.40
NRA0 8.01 212 Pn 37 06.88 0.0
S.D. = 0.2 on 4 of 5 obs.

& NOV 15, 1992 23h 57m 54.09s
56.767 N 153.202 W
DEPTH = 47.8km
4.2mb (6 obs.)
KODIAK ISLAND REGION (13)
<AEIC>. ML 4.3 (AEIC). 4.4
(PMR).

KDC 1.06 21 iPc 58 11.52 -1.2
S 58 24.87
SYI 1.90 13 iP 58 23.27 -1.3
CDD 2.18 354 eP 58 27.16 -1.5
eS 58 53.49
MCNL 2.50 346 eP 58 31.05 -2.1
AUI 2.58 357 eP 58 32.84 -1.4
eS 59 03.42
AUE 2.60 358 eP 58 33.61 -1.0
AUP 2.61 358 iP 58 33.45 -1.3
S 59 04.92
AUH 2.61 357 eP 58 33.46 -1.3
AUW 2.61 357 eP 58 33.49 -1.3
AUL 2.63 357 eP 58 34.57 -0.4
XLV 2.81 16 eP 58 36.35 -1.2
OPT 2.89 360 eP 58 37.30 -1.5
CNPM 2.96 20 iP 58 38.37 -1.3
HOM 3.01 15 eP 58 39.44 -1.0
PDB 3.07 351 iP 58 38.82 -2.5
S 59 16.80

BRK 3.25 21 eP 58 41.84 -1.9
INE 3.30 1 eP 58 43.11 -1.6
INW 3.31 1 eP 58 42.74 -2.0
ILIM 3.33 2 eP 58 43.18 -1.7
eS 59 21.53

RED 3.67 3 iP 58 47.95 -1.9
RS1 3.71 3 eP 58 48.38 -2.2
RSO 3.71 3 eP 58 48.33 -2.3
RS2 3.71 3 eP 58 48.37 -2.2
REF 3.74 4 eP 58 48.55 -2.4
RDN 3.77 3 P 58 49.16 -2.1
NCT 3.81 2 eP 58 49.42 -2.4
RDT 3.84 6 eP 58 50.03 -2.2
DFR 3.85 4 iP 58 49.98 -2.4
SEW 3.88 29 eP 58 49.86 -2.9
SLKM 4.06 21 eP 58 52.53 -2.8
MPA 4.24 27 eP 58 55.23 -2.5
LTI 4.32 38 eP 58 56.02 -2.9
SDN 4.33 254 eP 58 55.90 -3.1
CKL 4.47 5 eP 58 58.45 -2.6
SPU 4.47 7 eP 58 58.70 -2.3
CKT 4.48 6 eP 58 58.14 -3.1
CKN 4.50 6 eP 58 59.26 -2.3
BGL 4.53 5 eP 58 59.78 -2.2
SVW 4.53 345 eP 58 58.08 -3.8
CP2 4.54 6 eP 59 00.33 -1.9
CRP 4.55 6 eP 58 58.85 -3.4
CGLM 4.60 7 eP 59 00.38 -2.5
PTE 4.65 26 eP 59 00.70 -2.8
NCG 4.68 6 eP 59 01.58 -2.5
PMS 4.87 21 eP 59 03.70 -3.0
SUA 4.88 14 eP 59 04.01 -2.9
KNK 5.26 26 eP 59 08.82 -3.4
PLRM 5.27 22 eP 59 08.01 -4.3
PMR 5.27 22 eP 59 07.91 -4.4
S 00 28.70

SKT 5.30 9 eP 59 10.40 -2.4
FID 5.31 38 eP 59 09.07 -3.8
CVA 5.43 43 eP 59 11.69 -2.8
GHO 5.48 22 eP 59 11.69 -3.6
SCAM 5.61 45 eP 59 13.19 -3.9
SML 5.64 24 eP 59 14.20 -3.3
VLZ 5.64 36 eP 59 14.34 -3.1
SCM 5.90 28 eP 59 17.62 -3.7
KLU 6.04 35 eP 59 20.20 -3.0
TTA 6.34 348 eP 59 23.51 -3.9
TOA 6.44 31 eP 59 26.80 -2.0
WAX 6.55 51 eP 59 26.71 -3.6
GLB 6.73 42 eP 59 28.60 -4.2
SDG 6.96 31 eP 59 30.66 -5.3

BALM 7.06 48 eP 59 34.45 -3.1
PAX 7.33 29 eP 59 35.69 -5.6
FBA 8.57 16 eP 59 53.34 -5.0
IMA 9.34 359 eP 00 05.28 -3.7
ANM 9.82 328 (P) 00 11.07 -4.4
MBC 23.08 20 ePd 02 56.90 1.1
1.0s 9.00nm 4.2mb
NEW 23.31 96 eP 03 03.00 4.7
1.0s 7.00nm 4.1mb
LBFM 25.37 114 eP 03 24.69 6.3
HHA1 29.00 100 (P) 03 57.28 6.0
BONR 29.74 114 eP 04 03.54 5.3
BW06 30.88 98 eP 04 19.00 10.9
1.0s 1.67nm

SRU 32.93 104 eP 04 30.68 4.7
eP 04 38.48 27kmX
RSSD 33.03 91 eP 04 31.47 4.6
0.6s 2.72nm 4.3mb
eP 04 38.64 25kmX
eS 04 42.00

SDF 56.13 0 iP 07 29.50 -0.8
NAO 62.08 9 P 08 10.40 -1.2
0.8s 2.10nm 4.3mb
HFS 62.98 7 eP 08 16.30 -1.2
0.4s 0.70nm 4.1mb
GEC2 74.19 9 ePc 09 27.50 0.4
0.6s 0.92nm 3.9mb

KKN 82.41 310 P 10 12.50 0.0
GKN 82.49 311 P 10 13.40 0.5
DMN 82.64 310 P 10 14.20 0.4
83 obs. associated

& NOV 16, 1992 00h 05m 12.54s
56.852 N 153.269 W
DEPTH = 39.6km
KODIAK ISLAND REGION (13)
<AEIC>. ML 2.9 (AEIC).

KDC 0.99 25 iP 05 29.21 -0.9
eS 05 41.94
SYI 1.82 15 eP 05 40.66 -1.3
eS 06 04.28
CDD 2.09 355 eP 05 44.81 -1.1
MCNL 2.41 347 eP 05 48.52 -1.9
AUP 2.52 358 eP 05 51.51 -0.5
AUH 2.52 358 eP 05 51.33 -0.7
AUW 2.53 358 eP 05 50.79 -1.3
XLV 2.74 17 eP 05 54.21 -0.8
OPT 2.81 0 eP 05 54.36 -1.7
CNPM 2.89 21 eP 05 55.54 -1.7
HOM 2.94 16 eP 05 56.91 -1.0
PDB 2.98 351 eP 05 56.37 -2.1
INE 3.22 2 eP 06 00.55 -1.5
INW 3.23 1 eP 06 00.38 -1.7
ILIM 3.24 3 eP 06 00.50 -1.8
RED 3.59 4 eP 06 05.29 -1.9
RS1 3.63 4 eP 06 05.63 -2.2
RSO 3.63 4 eP 06 05.94 -2.0
RS2 3.63 4 eP 06 05.72 -2.2
RDW 3.65 4 eP 06 05.94 -2.2
REF 3.66 4 eP 06 06.34 -2.0
NCT 3.73 3 eP 06 06.25 -2.9
DFR 3.76 4 eP 06 07.26 -2.5
SEW 3.83 30 eP 06 07.51 -3.0
SLKM 4.00 22 iP 06 09.99 -3.0
MPA 4.18 28 eP 06 12.90 -2.5
CKL 4.38 6 eP 06 16.14 -2.4
SPU 4.39 8 eP 06 16.46 -2.0
CKT 4.40 7 eP 06 16.74 -1.9
29 obs. associated

* NOV 16, 1992 00h 43m 42.73±0.57s
32.466 N ±10.2km 141.569 E ±10.6km
DEPTH = 43.6km (3 depth phases)
3.9mb (2 obs.)
SOUTH OF HONSHU, JAPAN (211)

MAT 4.92 327 eP 44 55.00 -1.1
eS 45 52.00
BJI 21.78 297 eP 48 33.50 1.0
Z 16s 0.29um 3.8mszX
GUN 47.90 280 P 52 19.24 0.1
KKN 48.44 280 P 52 23.26 0.2
GKN 48.90 280 P 52 26.68 0.1
WB2 52.57 189 iPc 52 53.80 -0.4
0.8s 3.70nm 4.4mb

WRA 52.57 189 P 53 06.10 44km
0.9s 0.30nm 3.3mb
ASPA 56.30 188 eP 53 33.40 12.0X
0.8s 5.70nm
LRM 77.34 44 eP 55 34.70 -0.1
e 55 47.60 44km
SRU 82.33 48 eP 56 01.41 -0.1
pP 56 14.29 43km
PV10 83.70 48 eP 56 09.50 0.8
ZOBO 148.66 66 ePKP 03 30.00 5.9X
LPB 148.83 67 (PKP) 03 28.00 3.9X
CNCB 149.08 67 ePKP 03 30.00 5.3X
S.D. = 0.7 on 10 of 14 obs.

% NOV 16, 1992 01h 30m 17.41±0.78s
67.691 N ± 7.9km 15.016 E ± 8.8km
DEPTH = 10.0km (geophysicist)
NORTHERN NORWAY (646)
MD 3.1 (BER).

LOF 0.71 309 iPc 30 31.45 0.0
iSg 30 41.49
MOR7 1.42 185 eP 30 43.53 0.3
eSg 31 03.43
KTK1 3.32 63 eP 31 11.04 0.6
eSg 31 59.27
ARA0 4.26 59 Pn 31 23.17 -0.6
Pg 31 34.52
Sn 32 12.42
Lg 32 31.65
NRA0 7.15 194 Pn 32 04.07 -0.4
Sn 33 25.42
Lg 34 02.62
S.D. = 0.7 on 5 of 5 obs.

% NOV 16, 1992 01h 32m 24.18±1.82s
44.079 S ± 8.9km 167.731 E ±15.8km
DEPTH = 33.0km (normal)
SOUTH ISLAND, NEW ZEALAND (162)
ML 3.8 (WEL).

LMZ 1.17 73 P 32 45.60 1.4
TLC 1.47 140 P 32 47.70 -1.0
MHZ 1.48 132 P 32 48.50 -0.4
LRCZ 1.52 131 P 32 49.20 -0.3
CMCZ 1.54 135 P 32 49.40 -0.3
LSCZ 1.56 132 P 32 49.90 -0.1
BWZ 1.61 107 P 32 51.70 1.1
BCZ 1.93 178 P 32 56.00 0.7
ODZ 2.30 116 P 33 01.00 0.5
TUZ 2.31 145 P 33 00.70 0.0
SIZ 2.81 174 eP 33 07.60 -0.1
LTZ 3.55 70 P 33 17.30 -1.1
DSZ 3.79 53 P 33 21.20 -0.5
S.D. = 0.8 on 13 of 13 obs.

NOV 16, 1992 01h 51m 23.42±0.70s
43.019 N ± 7.2km 111.544 W ± 5.1km
DEPTH = 5.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.8 (GS).

PTI 0.62 257 eP 51 36.08 0.1
HHA1 0.67 295 ePd 51 36.91 0.1
S 51 47.75
BW06 1.48 99 eP 51 50.00 -1.0
HVV 1.54 217 eP 51 51.13 -0.6
DAU 2.61 175 eP 52 06.92 -0.4
DUG 2.98 199 eP 52 12.06 -0.3
EMUT 3.25 170 eP 52 17.16 0.9
eS 53 04.80
SRU 3.98 168 eP 52 27.19 0.6
RSSD 5.57 76 ePn 52 49.75 0.6
WMOK 12.92 126 (P) 54 27.46 -3.0X
S.D. = 0.7 on 9 of 10 obs.

NOV 16, 1992 01h 51m 26.24±0.27s
9.814 N ± 4.1km 126.413 E ± 7.1km
DEPTH = 32.6km (2 depth phases)
4.8mb (34 obs.) 4.2msz (4 obs.)
MINDANAO, PHILIPPINE ISLANDS (259)

BIP 1.59 186 ePd 51 54.00 1.6
PLP 1.95 314 iPc 51 58.80 1.2
iS 52 22.30
CGP 2.17 232 ePd 52 02.00 1.3

16d 01h

DAV	2.83	197	eP	52	11.00	0.8	0.8s	14.00nm	5.0mb	0.4s	4.60nm	4.7mb									
			eS	52	50.50					38.84	196	eP	58	10.30	0.2						
BAG	8.67	320	eP	53	32.00	-0.7	CAN	49.71	156	eP	00	17.60	0.2	1.5s	4.80nm	4.1mb					
CVP	9.02	331	eP	53	39.00	1.7															
GUMO	18.45	77	eP	55	41.40	0.1	TOO	50.41	160	iPc	00	22.90	0.2	SLKM	65.81	30	eP	01	28.42	-0.8	
	1.4s	108.80nm						0.5s	14.00nm			5.2mb	SES	88.31	38	eP	03	35.00	0.7		
KUG	20.03	188	eP	56	01.10	1.7	DZM	50.45	129	iPd	00	23.70	0.4	KIC	143.38	302	PKP	10	17.60	-0.2	
			e	59	00.00		MAIO	65.67	305	eP	02	09.00	-1.0		0.6s	4.50nm					
KUPT	20.03	188	eP	56	01.10	1.7	SVW	75.65	29	eP	03	11.00	1.2	TIC	143.45	302	PKP	10	18.00	0.0	
WSI	20.30	198	e(P)	55	58.20	-4.0X		0.8s	16.16nm			5.1mb	LIC	143.69	302	PKPd	10	18.80	0.4		
SSE	21.73	348	Pd	56	17.60	0.9	IMA	76.99	24	eP	03	18.36	1.0		0.6s	11.00nm					
	1.0s	32.00nm						0.9s	4.19nm			4.5mb	S.D. = 0.5 on 10 of 10 obs.								
WWKK	21.73	127	eP	56	11.50	-5.4X	KDC	77.01	33	eP	03	17.75	0.4	* NOV 16, 1992 03h 01m 47.49±1.13s							
MTN	22.99	168	eP	56	29.00	-0.3	CRP	77.34	29	(P)	03	20.89	1.5	51.480 N ± 6.2km 7.105 E ±13.7km							
NJ2	23.21	344	Pd	56	33.50	2.2	SLKM	78.26	30	(P)	03	24.23	0.0	DEPTH = 10.0km (geophysicist)							
	0.8s	21.00nm					PMR	78.80	29	eP	03	28.00	0.9	GERMANY (543)							
KNA	25.51	175	iPc	56	53.10	-0.4		1.0s	30.00nm			5.3mb	WTS	0.55	341	ePg	01	58.50	-0.1		
	0.4s	21.00nm					FBA	79.40	26	eP	03	31.60	1.2		0.5s	12.00nm					
NST	26.27	286	eP	57	18.50	17.9X		1.0s	6.00nm			4.5mb	KLL	0.97	211	iPd	02	05.20	-0.8		
TIA	27.60	344	Pc	57	12.50	-0.1	KAF	86.09	332	iP	04	04.20	-0.7			iS	02	20.50			
CHG	28.04	292	eP	57	17.20	0.3		0.5s	3.10nm			4.8mb	ENN	1.03	227	ePg	02	07.50	0.5		
XAN	28.97	329	Pc	57	23.00	-2.0	MBC	86.12	13	eP	04	06.00	1.2		0.4s	7.00nm					
	1.0s	8.20nm						1.0s	8.00nm			4.9mb			eSg	02	22.50				
Z	16s	0.29um					NUR	87.26	331	eP	04	10.70	0.1	MEM	1.11	219	iPc	02	08.50	0.1	
			sP	57	37.20			0.3s	1.60nm			4.7mb			iS	02	25.30				
CD2	29.74	318	eP	57	35.50	3.5X	DAG	91.24	352	eP	04	28.60	-0.5	ABH	1.62	170	ePn	02	16.68	0.4	
	Z	20s	0.75um				HFS	92.52	332	ePKP	04	33.50	-1.8	RUP	1.78	181	ePn	02	18.31	-0.3	
TIY	30.50	338	eP	57	35.70	-3.0		0.4s	1.40nm			4.7mb	S.D. = 0.6 on 6 of 6 obs.								
	Z	20s	0.62um				NAO	93.49	334	P	04	37.80	-2.0	* NOV 16, 1992 03h 15m 55.72±0.52s							
			S	02	40.00			0.7s	0.70nm			4.2mb	46.463 N ± 8.0km 2.608 E ± 6.3km								
WB2	30.59	165	iPd	57	36.70	-2.8	YKA	94.11	24	eP	04	41.70	-0.9	DEPTH = 10.0km (geophysicist)							
	0.6s	7.90nm						0.8s	5.40nm			5.0mb	FRANCE (538)								
			i	57	49.70		GEC2	97.14	322	ePc	04	56.30	-0.5		ML 1.6 (LDG).						
BJI	31.45	345	eP	57	45.00	-1.9		0.8s	0.71nm			4.3mb									
	1.0s	15.00nm										04	59.70								
Z	20s	0.30um					ZOBO	164.44	116	PKP	11	31.00	1.8	BGF	0.19	60	Pg	16	00.60	0.7	
															Sg	16	03.70				
MBL	31.45	192	eP	57	43.00	-4.1X	S.D. = 1.3 on 65 of 71 obs.						MAF	0.24	187	Pg	16	00.90	0.0		
OIS	32.85	157	iPd	57	57.50	-1.9	NOV 16, 1992 02h 32m 14.38±0.40s								Sg	16	04.30				
	0.4s	4.00nm					43.017 N ± 3.7km 111.533 W ± 4.8km						TCF	0.33	238	Pg	16	02.80	0.3		
LZH	33.23	325	eP	58	01.80	-0.9	DEPTH = 5.0km (geophysicist)								Sg	16	07.20				
	2.0s	27.00nm					EASTERN IDAHO (457)						AVF	0.61	57	Pg	16	07.60	-0.4		
Z	20s	0.35um					ML 3.4 (GS), 3.3 (BUT). Feit (V)								Sg	16	15.30				
	N	12s	0.28um				at Woyan, Idaho and (Ill) at						LSF	0.78	254	Pg	16	10.60	-0.3		
			pP	58	10.00	28km	Alpine, Wyoming.								Sg	16	20.70				
NANU	33.90	198	iPc	58	07.60	-0.8	PTI	0.63	257	eP	32	26.50	-0.5	SSF	0.86	46	Pg	16	12.10	-0.2	
	0.6s	13.00nm													Sg	16	23.20				
BTO	33.93	337	eP	58	05.00	-3.7X	HHA1	0.68	294	eP	32	27.42	-0.6	SMF	0.87	77	Pg	16	12.20	-0.3	
ASPA	34.07	168	eP	58	07.50	-2.4	BW06	1.47	99	eP	32	40.79	-1.0			Sg	16	23.20			
	0.5s	8.50nm					HVU	1.54	217	eP	32	42.44	-0.3	LBF	1.08	61	Pg	16	16.00	0.0	
			eS	02	58.50		LTMT	1.57	345	ePn	32	45.40	2.2X			Sg	16	30.00			
MDJ	34.78	4	eP	58	17.00	1.2	TPMT	1.72	357	ePn	32	44.90	-0.4	LOR	1.18	46	Pg	16	17.90	0.2	
	1.2s	26.00nm					MCMT	2.04	333	ePn	32	50.30	0.2			Sg	16	32.90			
CTA	35.56	147	P	58	24.00	1.3	GCMT	2.25	351	ePn	32	53.30	0.3	S.D. = 0.4 on 9 of 9 obs.							
WARB	35.78	180	eP	58	25.00	0.5	DAU	2.61	175	eP	32	58.30	0.0	? NOV 16, 1992 03h 41m 48.85±4.11s							
MEEK	37.02	192	iPc	58	33.10	-1.8	MEMT	2.62	9	ePn	32	59.80	1.6	8.705 S ±48.5km 124.244 E ±20.3km							
	0.8s	40.00nm					LCCM	2.83	355	ePn	33	04.70	3.4X	DEPTH = 172.8 ± 16.9 km							
GTA	37.83	326	eP	58	40.40	-1.4	HBMT	2.88	345	ePn	33	04.10	2.0X	TIMOR REGION, INDONESIA (289)							
	Z	16s	0.69um				LRM	2.88	347	ePn	33	04.20	2.2X	KUG	1.57	204	eP	42	21.20	0.0	
			pP	58	51.00	37km	DUG	2.98	199	eP	33	02.77	-0.5			e	45	00.00			
MRWA	40.08	194	eP	59	00.00	-0.5	BUT	3.09	347	ePg	33	08.50	3.7X	KUPT	1.57	204	eP	42	21.20	0.0	
	0.4s	12.00nm												MTN	7.92	122	eP	43	42.00	-0.1	
BAL	41.26	193	eP	59	10.00	-0.1	EMUT	3.25	170	eP	33	08.10	0.9			0.3s	73.00nm			5.6mb X	
KL8	42.00	191	eP	59	16.00	-0.1										eS	45	10.00			
	0.3s	6.00nm					SRU	3.98	169	eP	33	17.28	-0.2	KNA	8.28	148	eP	43	46.50	-0.4	
GUN	42.12	301	P	59	16.24	-1.5	MSU	4.53	186	ePn	33	24.98	-0.4		0.4s	21.00nm				5.0mb X	
	0.8s	45.00nm					PV10	5.01	157	ePn	33	33.00	0.8			eS	45	21.00			
PKI	42.42	300	P	59	20.86	0.7	ARUT	5.42	196	(Pn)	33	39.19	1.2	WB2	14.85	140	eP	45	12.30	0.7	
KKN	42.59	301	P	59	22.76	1.3	RSSD	5.56	76	ePn	33	38.98	-1.0			iS	47	50.60			
MUN	42.69	193	iPc	59	22.00	0.2								ASPA	17.52	149	iPd	45	43.90	-0.2	
	0.6s	37.00nm					GOL	5.70	123	(Pn)	33	43.68	1.7X			iS	48	57.90			
DMN	42.69	300	P	59	24.06	1.8		0.8s	5.00nm			4.3mb X				0.2s	8.00nm			4.8mb	
GKN	43.20	301	P	59	24.84	-1.5	S.D. = 0.8 on 16 of 22 obs.						? NOV 16, 1992 02h 50m 54.94±1.62s								
STK	43.93	161	iPd	59	21.30	-0.6							13.996 N ±23.9km 144.501 E ±50.8km								
	0.8s	4.40nm											DEPTH = 119.4 ± 15.0 km								
			ePP	01	13.20		4.4mb (2 obs.)						MARIANA ISLANDS (216)								
RKG	45.03	191	eP	59	41.50	0.8	PJG	0.54	139	eP	51	13.50	0.2								
	0.6s	10.00nm					GUMO	0.54	139	eP	51	13.30	0.0								
CMS	4																				

			iS	24 55.97	
JACH	0.75	92	iPd	24 47.66	-1.5
			iS	24 59.94	
LCCH	0.82	185	iPd	24 49.83	-0.2
			iS	25 03.17	
PEL	0.83	126	iP+	24 50.05	-0.2
			iS	25 03.67	
SAN	1.05	139	iPd	24 53.27	-0.1
			iS	25 10.12	
TACH	1.09	155	iPd	24 54.15	0.2
			iS	25 12.16	
FCH	1.20	124	iPd	24 55.56	-0.3
			iS	25 14.81	
PCH	1.26	140	iP+	24 56.40	0.0
			iS	25 16.59	
LNv	1.30	177	iP	24 56.59	-0.2
			iS	25 17.04	
CHCH	1.45	152	iPd	24 59.86	0.7
			iS	25 21.99	
CACH	1.63	153	iPd	25 03.24	1.4
			iS	25 28.45	
CFA	2.94	70	e(P)	25 21.70	1.2
S.D. = 0.8 on 13 of 13 obs.					

? NOV 16, 1992 04h 38m 00.77± 5.69s
32.469 S ±37.4km 71.669 W ±30.0km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.7 (SAN).

ROCH	0.75	132	iPd	38 14.24	-0.8
			iS	38 22.08	
JACH	0.93	103	iPd	38 17.95	0.3
			iS	38 28.45	
LCCH	1.01	175	iPd	38 18.06	-0.5
			iS	38 28.99	
PEL	1.07	129	iP+	38 19.33	-0.2
			iS	38 30.46	
SAN	1.30	139	iPd	38 22.50	-0.2
			iS	38 36.77	
TACH	1.33	153	iP+	38 22.98	-0.2
			iS	38 37.64	
FCH	1.44	127	iPd	38 25.03	-0.1
			iS	38 41.32	
LNv	1.50	172	iP	38 25.69	0.1
			iS	38 43.12	
PCH	1.50	140	iP+	38 25.79	0.0
			iS	38 42.50	
CHCH	1.69	150	iP	38 28.73	0.3
			iS	38 47.67	
CACH	1.87	152	iP	38 32.48	1.3
			iS	38 55.03	
S.D. = 0.6 on 11 of 11 obs.					

NOV 16, 1992 04h 47m 38.03± 0.66s
43.032 N ± 7.0km 111.564 W ± 5.2km
DEPTH = 10.0km (geophysicist)
EASTERN IDAHO (457)
ML 2.8 (GS).

PTI	0.61	255	eP	47 50.59	0.1
			eS	47 59.96	
HHA1	0.65	294	eP	47 50.99	-0.2
			eS	48 00.95	
BW06	1.50	99	eP	48 04.50	-0.7
HVU	1.54	216	eP	48 05.70	0.0
DAU	2.63	175	eP	48 21.30	-0.2
DUG	2.98	199	eP	48 26.50	0.1
EMUT	3.26	170	eP	48 31.24	0.7
SRU	4.00	168	eP	48 40.36	-0.4
RSSD	5.58	76	(Pn)	49 03.88	0.6
			ePg	49 17.77	
S.D. = 0.5 on 9 of 9 obs.					

* NOV 16, 1992 04h 52m 47.69± 1.15s
45.306 N ±20.0km 151.060 E ±17.1km
DEPTH = 33.0km (normal)
4.2mb (5 obs.)
KURIL ISLANDS (221)

KUSJ	5.07	246	P	54 01.60	-1.8
ASAJ	6.12	262	eP	54 20.30	2.2
HOOJ	6.33	245	eP	54 21.20	0.1
IMA	35.82	35	eP	59 47.60	1.9
LZH	36.51	272	eP	59 42.00	-9.9X

	1.4s	18.00nm		4.8mb
GUN	53.70	275 P	02 09.40	0.4
KKN	54.19	275 P	02 13.00	0.6
PKI	54.23	275 P	02 12.60	-0.3
DMN	54.42	275 P	02 14.40	0.2
GKN	54.51	276 P	02 15.00	0.2
WRA	66.70	197 P	03 37.30	-0.1
	0.7s	0.70nm		3.9mb
HFS	69.30	339 eP	03 51.60	-1.6
	0.4s	1.00nm		4.3mb
NAO	69.40	340 P	03 52.10	-1.7
	0.7s	1.90nm		4.3mb
KHC	78.90	333 eP	04 49.00	0.0
GEC2	79.11	333 ePc	04 50.00	-0.2
	0.6s	1.18nm		4.1mb
		e	04 57.40	
		e	05 00.10	
S.D. = 1.3 on 14 of 15 obs.				

% NOV 16, 1992 05h 02m 26.75± 1.63s
17.176 N ±10.2km 100.225 W ±14.2km
DEPTH = 33.0km (normal)
GUERRERO, MEXICO (59)

ACX	0.46	131	iPc	02 36.98	0.1
			iS	02 42.81	
III	1.39	31	iPd	02 51.21	0.9
			iS	03 08.57	
UNM	2.36	25	iP	03 08.50	4.2X
			(S)	03 39.50	
PPM	2.42	39	iP	03 05.34	0.0
			iS	03 35.41	
IIA	2.46	37	eP	03 06.34	0.9
IIIT	2.59	45	(P)	03 06.41	-1.1
			(S)	03 41.98	
MRX	2.68	340	iP	03 08.14	-0.3
			(S)	03 44.84	
IISM	3.25	56	iP	03 15.90	-0.7
OXX	3.35	91	iP	03 18.40	0.1
			iS	03 58.83	
CGX	3.97	310	(P)	03 33.00	6.0X
S.D. = 0.8 on 8 of 10 obs.					

% NOV 16, 1992 07h 32m 45.37± 0.84s
38.571 N ± 7.9km 28.000 E ± 6.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.9 (ISK).

IZM	0.60	254	iPg	32	57.00	0.2
DST	1.14	25	ePg	33	07.50	0.7
			eSg	33	22.50	
KHL	1.22	101	ePn	33	08.00	-0.2
KCT	1.70	9	iPn	33	15.10	-0.1
EDC	1.78	357	ePn	33	16.00	-0.3
BNT	1.78	358	ePn	33	16.10	-0.3
EZN	1.81	314	ePn	33	16.70	0.0
S. D. = 0.4 on 7 of 7 obs.						

& NOV 16, 1992 07h 44m 38.50s
37.315 N 121.712 W
DEPTH = 5.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 3.1 (BRK). 2.6 (GS).

MHC	0.06	65	iPc	44 40.00	-0.1
COE	0.07	151	iPc	44 40.40	0.2
ARN	0.15	76	iPc	44 41.00	-0.5
GCC	0.36	219	iPd	44 46.18	0.4
PCC	0.56	289	iPc	44 49.39	-0.4
SAO	0.59	159	iPc	44 50.26	0.0
JEGM	0.63	289	ePc	44 50.29	-0.8
BKS	0.70	324	ePc	44 52.11	-0.3
ZSP	0.76	326	iPd	44 53.46	-0.3
HMR	0.84	355	eP	44 55.60	0.4
LLA	0.93	138	ePc	44 55.45	-1.3
PRS	1.02	164	eP	44 57.17	-1.1

			eS	45	10.80	
CMB	1.27	55	iPc	45	01.26	-1.4
			iS	45	18.09	
NTYM	1.31	325	eP	45	00.91	-2.3
			Lg	45	22.03	
PRI	1.44	144	iPd	45	03.50	-1.9
FRI	1.63	101	eP	45	06.36	-1.6
			eS	45	26.11	
PHAM	1.82	144	eP	45	08.25	-2.4
MMPM	2.16	81	eP	45	15.54	-0.4
			eS	45	41.42	
MEMM	2.23	80	ePn	45	16.39	-0.3
			iPg	45	17.06	
			eS	45	45.85	
ORV	2.24	4	eP	45	15.01	-1.8
BCH	2.50	148	eP	45	17.61	-3.0
MTUM	2.51	88	ePn	45	20.45	-0.4
			ePg	45	21.48	
			eS	45	52.24	
MRCM	2.57	81	ePn	45	21.66	-0.1
			ePg	45	22.91	
			eS	45	54.91	
BONR	2.78	76	ePn	45	23.85	-1.0
			ePg	45	26.72	
ISA	3.09	121	ePn	45	26.12	-2.7
25 obs. associated						

? NOV 16, 1992 07h 54m 26.41± 1.34s
27.679 N ±11.4km 142.544 E ±69.8km
DEPTH = 33.0km (normal)
4.7mb (7 obs.)
BONIN ISLANDS REGION (212)

KAKJ	8.74	347	eP	56	32.60	-0.8
			eS	58	06.20	
CHJJ	8.87	341	eP	56	35.30	0.0
MAT	9.57	339	(P)	56	45.00	0.1
WB2	48.00	190	eP	03	03.80	-0.5
	0.5s		5.50nm			4.8mb
WRA	48.00	190	P	03	04.30	0.0
	0.5s		1.70nm			4.3mb
KAF	77.09	334	iP	06	17.90	0.2
	0.5s		8.50nm			5.0mb
NUR	78.68	334	iP	06	27.00	0.5
	0.3s		4.30nm			4.9mb
UPP	81.79	335	iP	06	43.50	0.5
HFS	83.02	337	eP	06	49.30	-0.1
	0.5s		2.10nm			4.5mb
NBO	83.34	339	P	06	51.40	0.3
	0.7s		3.70nm			4.6mb
GEC2	91.18	329	ePd	07	29.40	0.0
	0.7s		1.88nm			4.6mb
			e	07	32.80	
S.D. = 0.4 on 11 of 11 obs.						

? NOV 16, 1992 08h 20m 01.52± 0.92s
39.124 N ± 8.4km 27.562 E ± 9.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

IZM	0.76	198	iPg	20 16.40	0.0
			eSg	20 26.90	
DST	0.96	59	ePn	20 19.90	0.1
EZN	1.19	307	ePn	20 23.70	0.1
KCT	1.28	28	ePn	20 25.10	-0.2
S.D. = 0.2 on 4 of 4 obs.					

? NOV 16, 1992 08h 42m 32.55± 3.01s
30.764 N ±19.2km 140.181 E ±28.9km
DEPTH = 102.3 ± 32.9 km
4.4mb (5 obs.)
SOUTH OF HONSHU, JAPAN (211)

CHJJ	5.36	350	eP	43 50.90	-0.7
KAKJ	5.43	360	eP	43 48.40	-4.0X
MAT	5.99	345	eP	44 01.00	0.7
KKN	47.58	281	P	51 00.00	-0.1
WB2	50.73	187	eP	51 24.70	0.8
WRA	50.73	187	P	51 22.00	-1.9
ASPA	54.45	187	eP	51 52.70	1.1

16d 08h

0.4s 3.30nm 4.7mb
 NBO 79.71 338 P 54 34.10 4.0X
 0.8s 2.10nm 4.0mb
 PV10 85.72 47 eP 55 01.70 0.0
 S.D. = 1.5 on 7 of 9 obs.

? NOV 16, 1992 10h 24m 57.66±1.01s
 4.967 S ±10.0km 152.290 E ±16.8km
 DEPTH = 115.6 ± 11.3 km
 4.2mb (3 obs.)

NEW BRITAIN REGION, P.N.G. (192)

RAB 0.78 351 iPc+ 25 17.50 0.0
 iS 25 38.00
 PMG 6.73 229 eP 26 35.50 0.0
 eS 27 42.00
 GUA 19.79 338 eP 29 21.30 0.0
 GUMO 19.85 338 eP 29 22.00 0.0
 RMO 21.67 189 eP 29 44.70 4.5X
 0.7s 8.00nm 4.2mb
 DZM 21.84 142 iPd 29 42.00 0.0
 WB2 22.95 228 eP 29 56.90 4.2X
 0.5s 4.10nm 4.0mb
 ASPA 25.69 222 eP 30 25.10 6.4X
 0.5s 4.50nm 4.3mb
 Z 21s 0.20um 3.6Msz
 eS 34 12.40
 S.D. = 0.1 on 5 of 8 obs.

* NOV 16, 1992 10h 37m 43.77±0.36s
 4.184 S ± 5.3km 142.497 E ± 5.8km
 DEPTH = 33.0km (normol)
 4.7mb (11 obs.)

NEW GUINEA, PAPUA NEW GUINEA (202)

WWKK 1.25 64 iPd 37 57.00 -8.1X
 MNDI 2.27 149 eP 38 21.00 1.0
 MDG 3.44 108 eP 38 36.80 0.4
 YYY 4.02 121 eP 38 45.50 0.8
 LAT 5.12 119 eP 38 59.30 -0.9
 FINC 5.86 115 eP 39 22.00 11.4X
 MTN 14.15 232 eP 41 04.40 0.4
 0.3s 69.00nm 5.8mb X
 WB2 17.56 206 iPd 41 47.40 -0.4
 0.3s 23.80nm 4.8mb
 eS 44 51.80
 KNA 17.73 229 eP 41 51.00 1.1
 0.4s 19.00nm 4.6mb
 ASPA 21.07 202 eP 42 27.10 -0.6
 0.8s 7.10nm 4.1mb
 eS 46 09.80
 WARB 26.63 213 iPd 43 20.80 -0.6
 0.4s 4.00nm 4.4mb
 STK 27.57 182 iPc 43 31.10 1.3
 MEEK 31.94 223 eP 44 07.50 -1.4
 0.4s 3.00nm 4.5mb
 COOL 33.32 215 eP 44 20.00 -0.9
 MRWA 35.37 222 eP 44 38.50 0.0
 0.5s 9.00nm 5.0mb
 BAL 35.81 220 eP 44 42.00 -0.2
 KLB 35.83 218 eP 44 41.70 -0.6
 MUN 37.05 219 eP 44 52.50 -0.1
 SSE 40.55 331 Pd 45 22.50 0.8
 1.0s 21.00nm 4.8mb
 GYA 46.15 313 P 46 09.00 1.6
 1.0s 14.00nm 4.9mb
 SNY 48.93 341 Pc 46 28.50 -0.2
 XAN 49.48 323 Pc 46 33.40 0.2
 0.8s 5.50nm 4.6mb
 sP 46 47.80
 CN2 50.17 344 eP 46 38.00 -0.3
 0.8s 5.10nm 4.6mb
 BJ1 50.22 334 eP 46 38.00 -0.6
 CD2 50.83 316 eP 46 44.50 1.0
 LZH 53.96 321 Pd 47 07.20 0.3
 1.4s 26.00nm 5.1mb
 KKN 63.59 304 P 48 14.20 0.0
 FBA 85.30 24 (P) 50 15.60 -2.8
 BALM 86.50 28 (P) 50 39.50 15.0X
 ZOBO 143.52 125 PKP 57 13.00 -5.6X
 KIC 147.31 275 PKP 57 24.90 0.7
 SIV 149.25 131 PKP 57 32.40 5.2X
 S.D. = 1.0 on 27 of 32 obs.

? NOV 16, 1992 10h 57m 15.55±0.97s
 39.090 N ± 8.2km 27.604 E ± 9.8km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).
 IZM 0.74 201 iPg 57 30.00 -0.1
 eSg 57 41.00
 DST 0.95 57 ePn 57 33.90 0.3
 EZN 1.23 307 ePn 57 38.70 0.2
 BNT 1.29 11 ePn 57 39.00 -0.4
 S.D. = 0.6 on 4 of 4 obs.

% NOV 16, 1992 11h 20m 50.87±0.84s
 37.896 N ± 6.5km 29.203 E ± 9.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.1 (ISK).
 KHL 0.50 30 iPg 21 00.70 -0.2
 iSg 21 08.50
 YER 1.05 224 iPn 21 10.00 -0.8
 BCK 1.18 111 ePn 21 12.00 -1.0
 ELL 1.28 154 ePn 21 16.00 1.4
 ALT 1.36 31 iPn 21 16.00 0.1
 KCT 2.44 345 ePn 21 32.00 0.6
 S.D. = 1.1 on 6 of 6 obs.

? NOV 16, 1992 11h 23m 00.99±1.67s
 38.990 N ±10.3km 27.229 E ±25.0km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.5 (ISK).
 IZM 0.59 177 iPg 23 13.00 0.0
 iSg 23 22.00
 DST 1.25 60 ePn 23 24.00 -0.2
 BNT 1.46 21 ePn 23 27.00 -0.4
 KCT 1.53 34 ePn 23 29.00 0.6
 S.D. = 0.8 on 4 of 4 obs.

NOV 16, 1992 11h 31m 49.97±0.66s
 41.267 N ± 4.0km 29.961 E ± 6.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.6 (ISK).
 GBZT 0.62 219 ePg 32 01.80 -0.6
 iSg 32 10.20
 ISK 0.71 254 iPg 32 04.00 0.0
 EYL 0.72 168 iPg 32 03.20 -1.0
 ITU 0.73 258 iPg 32 05.00 0.7
 iSg 32 14.50
 GPA 1.01 165 iPg 32 09.60 0.4
 KCT 1.59 231 iPn 32 17.50 -0.7
 DMK 1.74 289 iPn 32 20.20 -0.3
 BNT 1.80 240 ePn 32 20.50 -0.7
 EDC 1.84 241 ePn 32 21.00 -0.8
 DST 1.95 212 iPn 32 24.30 0.8
 KAS 2.87 87 eP 32 43.50 6.8X
 KHL 2.96 187 ePn 32 39.00 1.1
 EZN 3.12 244 ePn 32 40.90 0.8
 ISR 4.60 328 ePd 33 02.00 0.8
 MLR 5.14 327 ePd 33 09.50 0.6
 VRI 5.17 334 ePd 33 08.50 -0.6
 VAY 5.57 273 ePn 33 15.00 0.1
 CLI 5.62 341 ePd 33 15.00 -0.6
 S.D. = 0.8 on 17 of 18 obs.

? NOV 16, 1992 13h 12m 27.67±1.19s
 39.137 N ±10.1km 27.476 E ±19.4km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.7 (ISK).
 IZM 0.76 193 iPg 12 42.50 0.0
 iSg 12 54.00
 DST 1.01 62 iPn 12 46.70 -0.1
 BNT 1.26 16 ePn 12 51.00 -0.2
 KCT 1.30 31 iPn 12 52.00 0.2
 S.D. = 0.3 on 4 of 4 obs.

* NOV 16, 1992 13h 45m 53.20±1.24s
 20.769 S ± 9.5km 70.628 W ±12.8km
 DEPTH = 68.2 ± 13.7 km
 4.2mb (1 obs.)

NEAR COAST OF NORTHERN CHILE (122)

ANT 2.93 176 eP 46 38.60 0.3
 ARE 4.36 349 iP 46 57.10 -1.7

iS 47 44.00
 CNCB 4.67 33 P 47 06.90 3.5X
 LPB 4.85 30 P 47 09.00 3.3X
 1.0s 142.00nm

ZOBO 5.05 28 P 47 10.00 1.3
 S 48 46.00
 CCH 5.42 52 P 47 14.00 0.4
 SIV 10.24 64 P 48 20.00 0.1
 VAO 22.06 100 eP 50 42.70 -1.2
 BAO 22.09 80 e(P) 50 41.00 -3.3X
 e 50 43.50
 e 50 47.20
 e 50 49.40
 e 50 52.80

ALQ 65.02 328 eP 56 28.50 -0.1
 0.9s 2.94nm 4.2mb
 KIC 70.05 75 P 56 59.70 -0.6
 LBFM 77.94 323 eP 57 47.19 1.5
 S.D. = 1.3 on 9 of 12 obs.

? NOV 16, 1992 14h 17m 03.72±1.51s
 38.974 N ±12.7km 27.357 E ±26.7km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).
 IZM 0.58 187 iPg 17 15.50 0.0
 iSg 17 25.50
 DST 1.17 57 ePn 17 25.20 -0.4
 BNT 1.45 17 ePn 17 29.00 -0.9
 KCT 1.49 31 iPn 17 31.90 1.4
 S.D. = 1.7 on 4 of 4 obs.

* NOV 16, 1992 14h 43m 00.90±0.84s
 28.060 S ± 5.8km 66.882 W ±13.6km
 DEPTH = 186.6 ± 20.9 km

CATAMARCA PROVINCE, ARGENTINA (130)

CYA 1.03 112 iPd 43 29.00 -0.8
 FSA 2.12 22 iPd 43 39.10 -0.9
 (S) 44 07.00
 RTPR 2.26 172 iPc 44 42.20 60.6X
 eS 45 11.40
 RTLL 3.54 203 iPd 43 57.70 0.7
 S 44 49.50
 SLA 3.54 21 ePd 43 57.30 0.1
 CFA 3.73 198 ePc 44 00.20 0.8
 S 44 43.80
 RTCB 3.80 206 ePc 44 01.80 1.4
 (S) 44 50.00
 TCA 3.83 149 iP 44 00.90 0.2
 (S) 44 43.80
 RTCV 4.05 200 iPc 44 04.20 0.7
 S 44 52.00
 MRA 4.45 167 ePd 44 09.20 0.6
 S 44 59.30
 MDZ 5.10 199 i(P) 45 05.90 48.9X
 ANT 5.38 323 iPd 44 21.80 1.2
 JACH 5.61 214 eP 44 24.27 0.5
 FCH 6.01 208 iPd 44 31.00 1.8
 iS 45 38.68
 PEL 6.03 212 eP 44 26.71 -2.5
 ROCH 6.05 215 eP 44 28.79 -0.9
 PCH 6.36 208 eP 44 34.54 1.0
 TACH 6.57 211 eP 44 35.34 -0.9
 CHCH 6.69 208 iP+ 44 37.71 -0.1
 LCCH 6.74 216 iP+ 44 37.10 -1.3
 RFA 6.83 191 ePd 44 39.80 0.2
 S 45 53.20
 CACH 6.83 207 iP+ 44 40.12 0.4
 LNV 7.04 212 iP+ 44 40.18 -2.2
 ZOBO 11.77 354 P 45 45.00 0.1
 S.D. = 1.2 on 22 of 24 obs.

NOV 16, 1992 14h 57m 05.40±0.74s
 40.247 N ±10.8km 25.889 E ± 6.9km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

MD 2.9 (ISK).
 EZN 0.54 141 iPg 57 17.00 0.7
 iSg 57 27.00
 ALN 0.66 10 iPg 57 18.53 0.0
 eSg 57 27.72
 OUR 1.46 274 iPb 57 28.94 -2.8
 BNT 1.56 85 ePn 57 33.00 -0.2
 PAIG 1.72 260 ePb 57 38.20 2.6X

KCT 1.89 89 ePn 57 37.00 -1.0
 SRS 1.95 297 ePb 57 39.88 1.0
 eSb 58 03.68
 SOH 2.02 287 ePn 57 40.96 1.1
 eSn 58 06.80
 DST 2.20 186 ePn 57 43.00 0.4
 VAY 2.74 294 ePn 57 51.00 0.8
 S.D. = 1.4 on 9 of 10 obs.

* NOV 16, 1992 14h 58m 50.43±2.20s
 37.215 N ±20.7km 21.525 E ±17.3km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN GREECE (368)
 MD 3.3 (ATH).

VLS 1.21 323 ePb 59 13.00 0.0
 VLI 1.23 113 ePg 59 13.70 0.3
 ATH 1.90 66 ePn 59 22.30 -0.8
 KZN 3.09 3 ePb 59 44.50 4.3X
 OHR 3.93 352 ePn 59 51.30 -0.9
 VAY 4.18 11 ePn 59 57.00 1.4
 S.D. = 1.3 on 5 of 6 obs.

* NOV 16, 1992 15h 29m 20.07±0.77s
 61.255 N ±8.1km 6.966 E ±6.1km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 2.1 (BER).

HYA 0.39 257 iP 29 27.47 -0.5
 FOD 0.99 291 eP 29 39.03 0.3
 eS 29 52.94
 SUE 1.09 260 eP 29 40.61 0.1
 eS 29 56.61
 EGD 1.31 222 eP 29 44.40 0.2
 eS 30 02.83
 MOL 1.35 12 eP 29 44.78 -0.1
 eS 30 02.94
 NRA0 2.29 101 Pn 29 58.41 0.0
 Lg 30 29.66
 S.D. = 0.4 on 6 of 6 obs.

? NOV 16, 1992 15h 44m 28.71±3.85s
 60.228 N ±24.6km 5.201 E ±22.5km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)

EGD 0.05 16 eP 44 30.35 -0.5
 BER 0.17 23 eP 44 32.24 -0.3
 eS 44 34.36
 ASK 0.26 359 eP 44 33.90 -0.2
 eS 44 36.95
 SUE 0.86 346 eP 44 45.48 0.2
 eS 44 57.84
 NRA0 3.18 78 Pn 45 19.71 0.0
 Pg 45 26.53
 Sg 46 07.46
 S.D. = 0.4 on 5 of 5 obs.

* NOV 16, 1992 15h 56m 50.05±1.60s
 31.737 S ±15.2km 69.757 W ±11.2km
 DEPTH = 132.8 ±17.4 km
 SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 0.85 73 ePd 57 12.00 -0.3
 S 57 27.20
 RTCV 1.05 97 iPd 57 13.50 -0.5
 S 57 29.60
 JACH 1.18 217 iP+ 57 15.89 0.5
 iS 57 34.45
 CFA 1.30 85 ePc 57 16.50 -0.1
 S 57 34.90
 PEL 1.61 209 iP+ 57 20.03 0.1
 iS 57 41.84
 ROCH 1.63 220 iP 57 20.32 -0.1
 iS 57 41.95
 FCH 1.65 196 iP+ 57 21.64 0.9
 iS 57 44.25
 PCH 1.98 199 iP+ 57 24.86 0.4
 iS 57 50.35
 TACH 2.15 207 iP+ 57 26.30 -0.2
 iS 57 52.41
 LCCH 2.31 221 iP 57 28.30 -0.2
 CHCH 2.32 199 iP 57 28.37 -0.2
 iS 57 57.84
 CACH 2.48 196 eP 57 31.14 0.4
 iS 58 01.97

LNv 2.61 212 iP+ 57 31.19 -1.1
 iS 58 01.65
 RTPR 3.13 64 e(P)c 57 39.70 0.6
 MRA 3.50 102 ePc 57 43.80 -0.2
 S.D. = 0.6 on 15 of 15 obs.

% NOV 16, 1992 16h 00m 51.51±1.35s
 33.143 S ±5.1km 70.258 W ±10.7km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.9 (SAN).

FCH 0.19 188 iP+ 00 56.06 0.2
 iS 00 58.79
 PEL 0.36 270 iPd 00 59.10 0.2
 iS 01 04.16
 PCH 0.52 204 iP+ 01 02.34 0.2
 iS 01 10.12
 JACH 0.54 328 iP 01 02.47 0.0
 iS 01 09.93
 ROCH 0.65 285 iP+ 01 04.62 -0.1
 iS 01 13.15
 TACH 0.76 228 iP+ 01 06.45 0.0
 iS 01 17.21
 CHCH 0.85 203 iP+ 01 07.59 -0.4
 iS 01 19.97
 CACH 1.01 196 iP 01 10.78 0.0
 iS 01 25.29
 LCCH 1.15 253 iP+ 01 13.04 0.1
 iS 01 28.71
 LNv 1.26 230 iP 01 14.57 -0.3
 iS 01 31.04
 S.D. = 0.2 on 10 of 10 obs.

* NOV 16, 1992 16h 24m 37.11±0.79s
 54.232 N ±13.9km 164.018 E ±14.2km
 DEPTH = 33.0km (normal)
 4.1mb (5 obs.)
 KOMANDORSKY ISLANDS REGION (4)

MAT 25.10 236 eP 30 00.00 -0.1
 1.0s 18.00nm 4.6mb
 FBA 25.96 47 eP 30 08.00 0.2
 KAF 59.32 338 eP 34 37.70 0.2
 CHG 60.41 261 eP 34 46.00 0.5
 GUN 61.07 278 P 34 50.12 -0.2
 KKN 61.51 279 P 34 53.52 0.3
 PKI 61.60 278 P 34 53.88 -0.1
 GKN 61.72 279 P 34 54.52 0.0
 DMN 61.75 279 P 34 54.82 0.0
 NB2 63.06 346 P 35 02.20 -0.7
 0.8s 2.80nm 4.4mb
 HFS 63.54 344 eP 35 04.90 -1.1
 0.6s 1.10nm 4.2mb
 GEC2 74.29 340 eP 36 13.00 1.3
 0.7s 0.72nm 3.8mb
 ePn 36 31.90 67kmX
 WRA 78.15 208 P 36 34.00 -0.3
 0.8s 0.40nm 3.5mb
 S.D. = 0.6 on 13 of 13 obs.

* NOV 16, 1992 16h 32m 44.38±0.84s
 7.391 N ±13.6km 76.301 W ±10.0km
 DEPTH = 33.0km (normal)
 4.7mb (1 obs.)
 NORTHERN COLOMBIA (99)

BMG 3.22 95 eP 33 35.00 1.1
 BOG 3.54 141 eP 33 45.00 6.3X
 iS 34 37.00
 SDV 5.80 75 iPnd 34 12.90 2.2
 eSn 35 19.50
 TOV 6.86 69 ePc 34 26.50 1.1
 iS 35 46.00
 CEOS 8.05 78 P 34 41.40 -0.7
 MORO 8.61 66 eP 34 49.40 -0.4
 OLLA 9.74 74 eP 35 04.10 -1.4
 GUAN 10.84 76 P 35 18.30 -2.2
 ZOBO 24.88 161 eP 38 06.00 -0.4
 LPB 25.12 161 eP 37 55.00 -13.4X
 CNCB 25.41 161 eP 38 11.00 -0.4
 ULM 45.74 343 eP 41 06.00 1.7
 YKA 61.67 341 eP 42 58.90 -2.4
 0.6s 3.50nm 4.7mb
 LIC 70.71 86 P 44 00.00 0.2
 KIC 70.98 86 P 44 01.00 0.4
 CRZF 121.08 141 ePKP 51 51.00 15.6X

GBA 146.61 51 PKP 52 27.00 3.4X
 WB2 147.78 244 ePKP 52 26.40 1.0
 0.9s 2.80nm
 WRA 147.79 244 PKP 52 25.40 0.0
 1.1s 0.70nm
 S.D. = 1.4 on 15 of 19 obs.

? NOV 16, 1992 17h 26m 24.16±2.61s
 35.646 N ±7.1km 9.919 W ±26.6km
 DEPTH = 10.0km (geophysicist)
 WEST OF GIBRALTAR (384)
 MD 3.1 (RBA). mbLg 2.9 (MDD).

AVE 3.13 138 iPn 27 15.50 1.1
 iSn 27 49.50
 EVAL 3.20 52 ePn 27 16.70 1.2
 eSn 27 50.50
 EJIF 3.69 76 ePn 27 24.50 2.0X
 eSn 28 02.20
 EHOR 4.33 59 ePn 27 32.40 0.8
 eSn 28 18.40
 IFR 4.49 117 iPn 27 33.50 -0.4
 iSn 28 21.00
 ELUQ 4.93 66 ePn 27 40.00 -0.1
 eSn 28 32.00
 TIO 5.21 154 iPn 27 43.50 -0.6
 iSn 28 40.00
 EPLA 5.35 33 iPnd 27 46.00 -0.1
 eSn 28 44.00
 ECOG 5.37 71 ePn 27 46.00 -0.4
 eSn 28 43.30
 EBAN 5.52 61 iPn 27 48.50 0.1
 eSn 28 46.30
 EVIA 6.63 61 ePn 28 03.10 -1.1
 eSn 29 13.60
 ETOR 8.06 48 ePn 28 23.60 -0.5
 eSn 29 49.00
 S.D. = 0.8 on 11 of 12 obs.

* NOV 16, 1992 17h 32m 50.20±1.63s
 29.350 N ±11.8km 139.155 E ±11.6km
 DEPTH = 448.0 ±21.0 km
 4.4mb (9 obs.)
 SOUTH OF HONSHU, JAPAN (211)

MAT 7.22 354 eP 34 38.00 -0.3
 0.5s 14.08nm 4.4mb
 eS 36 03.00
 WHN 21.52 279 eP 37 08.20 1.7
 XAN 26.10 288 iPc 37 47.50 -0.6
 0.6s 13.00nm 4.5mb
 GYA 28.81 272 P 38 07.20 -4.9X
 1.0s 12.00nm 4.3mb
 LZH 30.34 292 eP 38 24.50 -0.8
 1.4s 18.00nm 4.3mb
 CHG 38.01 263 ePd 39 30.80 1.1
 1.0s 12.50nm 4.3mb
 GUN 46.44 282 P 40 37.40 0.2
 0.8s 32.00nm 4.8mb
 PKI 46.93 282 P 40 40.44 -0.5
 KKN 46.99 282 P 40 41.04 -0.2
 DMN 47.18 282 P 40 42.68 -0.1
 GKN 47.48 282 P 40 44.76 -0.1
 WB2 49.22 186 iPc 40 58.40 0.5
 0.3s 13.40nm 4.8mb
 WRA 49.23 186 P 40 58.70 0.8
 0.8s 4.20nm 3.9mb
 ASPA 52.95 186 eP 41 25.70 0.4
 0.6s 9.60nm 4.3mb
 MBL 53.56 203 eP 41 27.00 -2.6
 KLU 57.53 33 ePc 41 57.50 0.3
 BALM 59.29 34 eP 42 09.27 0.1
 S.D. = 1.1 on 16 of 17 obs.

* NOV 16, 1992 17h 46m 05.57±1.10s
 7.273 N ±11.6km 76.488 W ±11.9km
 DEPTH = 33.0km (normal)
 4.2mb (1 obs.)
 NORTHERN COLOMBIA (99)

BMG 3.39 93 iPc 46 58.00 0.4
 BOG 3.57 137 iPc 47 01.50 1.2
 iS 47 52.00
 SDV 6.01 74 ePnc 47 36.30 1.5
 iSn 48 44.00
 PSO 6.10 188 eP 47 41.00 4.8X
 TOV 7.08 69 ePc 47 51.40 1.8

16d 17h

		IPP	47	52.00	
		IS	49	11.90	
CEOS	8.26	77 eP	48	05.10	-1.0
MORO	8.83	65 eP	48	14.40	0.4
OLLA	9.95	73 iP	48	28.00	-1.6
GUAN	11.04	75 eP	48	42.80	-1.7
ZOBO	24.83	161 P	51	22.00	-5.1X
		e	58	25.00	
LPB	25.07	161 eP	51	38.00	8.8X
CNCB	25.36	161 eP	51	31.00	-1.1
		e	58	50.00	
CCH	26.54	157 eP	51	42.00	-0.8
LHS	27.37	352 (P)	52	04.82	15.1X
SIV	27.70	147 eP	51	53.00	0.0
YKA	61.72	341 eP	56	22.10	-0.7
	0.6s	1.20nm		4.2mb	
WRA	147.57	244 PKP	05	48.00	1.8
	0.8s	0.90nm			

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

* NOV 16, 1992 18h 00m 45.77±0.85s
 0.058 S ±10.2km 100.150 E ±11.4km
 DEPTH = 33.0km (normal)
 4.1mb (3 obs.)
 SOUTHERN SUMATERA, INDONESIA (274)

KLM	3.48	25 eP	01	38.50	-0.4
		eS	02	31.00	
KGM	3.78	57 iPd	01	44.00	0.9
		i	01	55.80	
		IS	02	42.70	
IPM	4.69	11 ePd	01	55.80	-0.3
		eS	02	10.00	
		e	03	28.00	
SNG	7.20	4 eP	02	26.00	-5.5X
CHG	18.79	356 eP	05	05.70	0.7
GBA	26.28	302 P	06	27.00	6.8X
GUN	31.00	335 P	07	02.30	-0.7
KKN	31.15	334 P	07	02.40	-1.8
GKN	31.62	333 P	07	09.40	1.2
WRA	38.88	123 P	08	10.10	-0.1
	0.7s	0.40nm		3.3mb	
WB2	38.89	123 eP	08	09.50	-0.7
	0.4s	1.50nm		4.1mb	
BCAO	81.64	274 ePc	13	04.00	1.2
	0.7s	6.00nm		4.7mb	
		ic	13	08.00	

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

* NOV 16, 1992 18h 11m 11.69±0.98s
 35.034 N ±12.6km 30.932 E ±13.1km
 DEPTH = 10.0km (geophysicist)
 EASTERN MEDITERRANEAN SEA (371)
 ML 4.0 (CSS).

PPCY	1.17	97 eP	11	33.00	-0.5
		eS	11	50.70	
ELL	1.90	334 ePn	11	45.90	1.3
CSS	1.97	91 eP	11	42.80	-2.7X
		eS	12	11.00	
BCK	2.44	354 ePn	11	52.50	0.3
FAM	2.52	90 eP	11	55.30	2.0
		eS	12	29.70	
YER	3.00	315 ePn	11	58.50	-1.7
KHL	3.47	341 ePn	12	00.00	-6.9X
BHL	4.06	105 Pn	12	14.00	-1.3
		Sn	12	54.00	
ADI	4.06	117 eP	12	13.90	-1.3
ALT	4.07	351 iPn	12	10.80	-4.6X
SHMJ	4.63	118 P+	12	22.71	-0.6
SALJ	4.99	126 Pd	12	27.96	-0.4
JARJ	5.03	122 Pc	12	28.12	-0.9
KFNJ	5.07	127 P+	12	29.97	0.4
MASJ	5.19	128 P+	12	32.11	0.9
RMN	5.49	144 eP	12	37.50	1.9

S.D. = 1.3 on 13 of 16 obs.

* NOV 16, 1992 18h 13m 35.55±2.50s
 32.614 S ±12.2km 71.621 W ±20.8km
 DEPTH = 33.0km (normal)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.1 (SAN).

ROCH	0.63	125 iPd	13	47.29	-0.9
		IS	13	57.91	
LCCH	0.86	177 iP+	13	50.35	-0.9
		IS	14	04.00	

JACH	0.87	95 iPd	13	50.34	-1.2
		IS	14	03.21	
PEL	0.95	124 iP+	13	52.46	-0.1
		IS	14	06.23	
SAN	1.16	136 iP	13	55.31	-0.3
		IS	14	12.31	
TACH	1.18	151 iP+	13	56.14	0.3
		IS	14	12.72	
FCH	1.33	123 iPd	13	58.04	-0.2
		IS	14	17.01	
LNK	1.35	173 iP	13	57.41	-0.8
		IS	14	17.71	
PCH	1.37	138 iP+	13	58.92	0.3
		IS	14	18.52	
CHCH	1.55	149 iP	14	01.75	0.6
		IS	14	24.00	
CACH	1.73	151 iPd	14	05.03	1.2
		IS	14	29.22	
MDZ	2.35	97 iP	14	17.30	4.6X
		IS	14	47.80	
RTCB	2.65	66 ePc	14	25.20	8.3X
		S	15	05.50	
RTCV	2.72	75 ePc	14	19.50	1.6
		S	14	59.00	
RTLL	2.97	65 iPd	14	22.30	0.8
		S	15	02.00	
CFA	3.04	72 eP	14	23.30	0.8
RFA	3.40	130 eP	14	28.60	1.0
MRA	5.00	89 e(P)	14	49.20	-1.0
TCA	6.11	80 eP	15	03.50	-2.5
		(S)	16	14.20	

S.D. = 1.1 on 17 of 19 obs.

* NOV 16, 1992 21h 25m 57.27s
 59.730 N 153.315 W
 DEPTH = 113.6km
 SOUTHERN ALASKA
 <AEIC>.

OPT	0.09	151 iP	26	12.22	0.6
		S	26	23.77	
INW	0.35	15 eP	26	13.04	-1.0
		eS	26	25.80	
AUL	0.35	190 eP	26	13.21	-0.7
		eS	26	25.64	
INE	0.36	21 eP	26	13.17	-1.0
		eS	26	26.19	
AUW	0.37	192 eP	26	13.36	-0.6
AUE	0.37	184 eP	26	12.97	-1.0
AUP	0.37	188 eP	26	13.58	-0.6
ILIM	0.39	27 eP	26	13.18	-1.0
		eS	26	26.08	
PDB	0.45	278 iP	26	13.64	-0.8
		eS	26	26.23	
RED	0.74	21 eP	26	15.83	-0.9
MCNL	0.76	224 iP	26	15.79	-0.9
RS1	0.78	21 iP	26	16.39	-0.8
		eS	26	30.91	
RS2	0.79	21 iP	26	16.42	-0.8
RSO	0.79	21 iP	26	16.41	-0.8
		eS	26	31.03	
RDW	0.80	18 iP	26	16.42	-0.9
CDD	0.82	192 eP	26	16.19	-1.2
REF	0.82	22 eP	26	16.67	-0.9
		eS	26	31.33	
HOM	0.85	94 eP	26	17.07	-0.5
		eS	26	31.85	
NCT	0.86	13 iP	26	16.97	-0.8
		eS	26	31.96	
DFR	0.92	20 iP	26	17.49	-0.9
CNPM	1.08	100 eP	26	18.26	-1.6
		eS	26	34.83	
SYI	1.22	157 eP	26	20.19	-1.2
BRLK	1.23	87 eP	26	20.31	-1.3
		eS	26	37.07	
NKA	1.45	45 eP	26	24.74	0.7
CKL	1.55	18 eP	26	24.40	-1.0
CKT	1.57	20 eP	26	24.72	-1.0
SPU	1.58	23 eP	26	24.71	-1.1
BGL	1.61	16 iP	26	25.54	-0.5
CP2	1.63	19 eP	26	25.90	-0.6
CGLM	1.71	22 eP	26	26.48	-0.9
SLKM	1.73	62 eP	26	26.56	-1.0
SVW	1.79	321 eP	26	27.47	-0.9
SEW	1.98	77 eP	26	28.88	-1.8
MPA	2.12	67 eP	26	30.76	-1.7
SUA	2.15	35 eP	26	32.03	-1.0

PMS	2.40	49 eP	26	35.23	-0.9
PTE	2.42	60 eP	26	34.80	-1.5
KNIM	2.87	75 eP	26	39.37	-2.9
KNK	2.93	53 eP	26	41.31	-1.9
SML	3.21	47 eP	26	44.69	-2.3
FID	3.56	70 eP	26	47.75	-3.9

41 obs. associated

% NOV 16, 1992 21h 41m 37.96±1.49s
 29.051 S ±8.8km 67.321 W ±13.2km
 DEPTH = 161.6 ±29.5 km
 LA RIOJA PROVINCE, ARGENTINA (138)

RTPR	1.43	151 iPd	42	07.50	-0.5
		eS	42	28.20	
CFA	2.67	197 ePd	42	22.20	0.0
		S	42	55.70	
RTCB	2.74	207 iPc	42	23.60	0.4
		S	43	00.00	
RTCV	2.99	200 iPc	42	26.40	0.2
		S	43	02.00	
FSA	3.18	22 iP	42	28.50	0.0
TCA	3.28	135 eP	42	30.00	0.0
MRA	3.63	158 ePc	42	35.00	0.7
RFA	5.79	189 ePd	43	02.00	-0.8

S.D. = 0.6 on 8 of 8 obs.

NOV 16, 1992 21h 57m 49.09±0.38s
 49.159 N ±3.2km 6.880 E ±4.4km
 DEPTH = 10.0km (geophysicist)
 GERMANY (543)
 ML 2.5 (STR).

RUP	0.56	12 ePg	58	00.30	-0.1
LANF	0.63	106 Pg	58	01.54	-0.3
SRBF	0.68	111 Pg	58	03.03	0.4
WLF	0.69	317 iPd	58	02.91	0.1
		IS	58	13.52	
HOFF	0.75	107 Pg	58	04.09	0.4
CDF	0.79	161 Pg	58	03.94	-0.6
		Sg	58	15.26	
WLS	0.81	157 Pg	58	04.12	-0.7
		Sg	58	17.12	
ABH	0.84	31 ePg	58	05.55	0.2
ECH	0.96	169 Pg	58	07.14	-0.3
		Sg	58	21.34	
MOF	1.32	173 Pg	58	14.07	0.5
		Sg	58	31.93	
BSF	1.33	183 Pg	58	13.64	-0.1
TNS	1.47	43 eP	58	19.00	3.3X
		IS	58	37.00	
FEL	1.49	149 ePg	58	17.19	1.2
MEM	1.56	339 iP	58	16.66	-0.2
		IS	58	38.28	
DOU	1.76	303 iP	58	19.80	0.0
		i	58	23.00	
		IS	58	43.20	
SNF	2.16	310 eP	58	29.80	4.2X
GRF	2.88	78 ePg	58	44.50	8.6X
		eSg	59	22.50	
GEC2	4.50	91 Pn	58	58.30	-0.6
		Pg	59	20.30	
		Sg	00	12.20	

S.D. = 0.5 on 15 of 18 obs.

* NOV 16, 1992 22h 02m 21.06±1.25s
 37.076 N ±7.8km 142.122 E ±12.5km
 DEPTH = 30.0 ±7.0 km
 4.3mb (2 obs.)
 OFF EAST COAST OF HONSHU, JAPAN (229)

KAKJ	1.79	242 iPd	02	50.80	0.4
		S	03	08.80	
YAMJ	1.99	304 P	02	52.40	-0.8
		eS	03	14.40	
OFUJ	2.03	350 P	02	53.40	-0.5
		eS	03	19.10	
NIJ	2.50	275 P	02	59.60	-0.9
CHJJ	2.72	249 P	03	02.60	-1.0
		S	03	32.10	
MAT	3.19	262 (P)	03	10.00	-0.3
		eS	03	50.00	
MTMJ	3.50	263 P	03	16.20	1.4
HOJ	5.38	9 eP	03	41.10	-0.2
		eS	04	38.70	
MRRJ	5.40	352 eP	03	44.10	2.5
		eS	04	42.00	

KUSJ 6.33 17 eP 03 54.30 -0.5
 eS 05 00.30
 ASAJ 7.05 3 eP 04 03.70 -1.1
 GUN 47.72 276 P 10 58.80 1.3
 KKN 48.24 276 P 11 01.60 0.1
 GKN 48.66 277 P 11 04.30 -0.3
 WB2 57.18 189 eP 12 07.30 -0.3
 0.6s 2.90nm 4.5mb
 WRA 57.18 189 P 12 07.70 0.1
 0.7s 1.60nm 4.2mb
 S.D. = 1.1 on 16 of 16 obs.

% NOV 16, 1992 22h 31m 16.63± 2.02s
 10.372 N ± 20.3km 69.399 W ± 16.9km
 DEPTH = 33.0km (normal)

VENEZUELA (101)
 Felt at Barquisimeto.

TOV 0.70 214 ePnc 31 30.30 0.2
 iSn 31 40.90
 MORO 1.17 65 iPc 31 36.30 -0.6
 iS 31 52.60
 CEOS 1.70 142 iP 31 43.70 -0.7
 iS 32 02.30
 SDV 1.91 220 ePn 31 51.50 3.8X
 iSn 32 16.60
 OLLA 2.58 98 iPc 31 58.20 1.1
 eS 32 33.50
 GUAN 3.72 96 iP 32 33.50 20.3X
 eS 32 02.40
 S.D. = 1.5 on 4 of 6 obs.

NOV 16, 1992 22h 36m 33.67± 0.69s
 31.201 S ± 7.1km 68.726 W ± 5.9km
 DEPTH = 106.9 ± 10.4 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.2 (SAN).

RTLL 0.25 120 iPc 36 48.60 -0.8
 RTCB 0.29 192 iPd 36 49.20 -0.4
 S 36 59.00
 CFA 0.58 134 iPc 36 51.00 0.0
 RTCV 0.68 166 iPd 36 51.80 0.0
 MDZ 1.68 184 iP 37 04.20 1.2
 iS 37 21.70
 TLL 2.07 299 iPd 37 08.60 0.5
 iS 37 34.50
 RTPR 2.11 65 iPd 37 09.10 0.7
 eS 37 32.00
 JACH 2.17 227 iP 37 10.38 1.1
 iS 37 37.73
 FCH 2.50 212 iPd 37 15.27 1.3
 iS 37 47.28
 PEL 2.55 220 iP+ 37 14.81 0.5
 iS 37 45.43
 ROCH 2.62 227 iP 37 15.71 0.2
 MRA 2.84 116 ePd 37 18.90 0.8
 S 37 42.00
 PCH 2.85 212 iPd 37 19.14 0.8
 iS 37 53.31
 TACH 3.08 217 iP 37 20.85 -0.6
 iS 37 57.05
 CHCH 3.17 210 iP+ 37 22.62 -0.1
 iS 38 01.06
 LCCH 3.31 226 iP 37 23.34 -1.1
 iS 38 01.51
 CACH 3.31 208 iP+ 37 24.84 0.2
 iS 38 05.60
 TCA 3.54 93 iPd 37 27.50 -0.3
 (S) 37 57.50
 LNV 3.56 219 iPd 37 25.89 -2.0
 RFA 3.57 177 iPc 37 26.80 -1.3
 S 38 07.60
 CYA 3.75 44 iPc 37 30.00 -0.5
 S.D. = 0.9 on 21 of 21 obs.

NOV 16, 1992 22h 48m 41.66± 0.42s
 54.092 N ± 8.6km 164.100 E ± 6.0km
 DEPTH = 26.8km (6 depth phases)
 4.8mb (33 obs.)
 KOMANDORSKY ISLANDS REGION (4)

PET 3.42 254 ePn 49 33.00 -1.5
 eS 50 12.00
 ILT 16.07 24 eP 52 27.00 0.0
 TIK 23.23 332 iPc 53 48.20 1.2
 1.6s 60.00nm 4.9mb

IMA 23.69 43 eP 53 50.95 -0.7
 0.8s 3.22nm 3.9mb
 MAT 25.06 236 eP 54 05.00 -0.1
 1.1s 18.99nm 4.6mb
 FBA 26.02 46 (P) 54 11.82 -1.9
 0.7s 3.13nm 4.0mb
 KLU 27.03 54 (P) 54 21.12 -2.0
 CN2 27.07 264 eP 54 22.00 -1.5
 Z 10s 0.32um 4.2MsZ
 BOD 27.67 298 eP 54 34.00 5.2X
 1.2s 9.00nm 4.3mb
 NJ2 38.84 254 Pc 56 06.00 0.1
 ELT 43.90 302 eP 56 47.00 -0.2
 1.5s 24.00nm 4.8mb
 Z 12s 0.40um 4.5MsZ
 NVS 44.50 305 eP 56 51.10 -0.9
 1.3s 26.00nm 4.9mb
 i 57 01.50 35km
 i 58 35.50
 LZH 44.72 272 Pc 56 55.00 0.8
 1.2s 23.00nm 4.9mb
 GTA 44.85 278 eP 56 56.50 1.3
 1.0s 11.00nm 4.7mb
 Z 12s 0.60um 4.7MsZ
 E 10s 0.22um
 pP 57 03.00 22km
 PcP 58 40.50
 UKR 45.99 300 iP 57 03.50 -0.4
 i 58 46.00 562kmX
 CD2 48.43 267 eP 57 24.20 0.8
 WMO 48.87 291 iPd 57 27.60 0.9
 1.0s 28.00nm 5.2mb
 BRVK 51.64 310 iPd 57 47.20 -0.4
 1.0s 18.00nm 5.0mb
 N 16s 0.15um
 E 16s 0.15um
 SVE 53.17 318 ePd 57 59.00 0.0
 2.5s 50.00nm 5.0mb
 BONR 53.49 74 eP 58 04.19 2.2
 TNP 54.02 73 eP 58 06.59 0.9
 1.0s 8.50nm 4.7mb
 e 58 15.30 29km
 ARU 54.26 319 eP 58 06.00 -1.0
 LSA 56.73 276 iPd 58 26.60 0.8
 1.0s 8.00nm 4.7mb
 KAF 59.47 338 iP 58 43.30 -0.7
 0.5s 4.30nm 4.8mb
 CHG 60.43 261 ePd 58 51.40 0.3
 1.0s 10.75nm 4.9mb
 e 00 36.00 516kmX
 GUN 61.14 278 P 58 55.84 -0.4
 NUR 61.27 338 iP 58 55.60 -0.6
 0.7s 8.90nm 5.0mb
 KKN 61.58 279 P 58 58.88 -0.2
 0.7s 29.00nm 5.5mb
 PKI 61.67 279 P 58 59.54 -0.3
 0.7s 35.00nm 5.6mb
 GKN 61.79 279 P 59 00.08 -0.4
 0.9s 29.00nm 5.4mb
 DMN 61.82 279 P 59 00.52 -0.2
 0.8s 23.00nm 5.4mb
 NB2 63.21 346 P 59 08.20 -1.1
 0.7s 5.70nm 4.8mb
 HFS 63.69 344 eP 59 10.70 -1.7
 0.5s 2.90nm 4.7mb
 WMOK 66.53 63 eP 59 30.54 -0.5
 0.9s 13.91nm 5.1mb
 e 59 38.65 26km
 FVM 68.22 55 eP 59 41.33 -0.3
 0.8s 10.24nm 5.0mb
 e 59 49.26 25km
 ELC 69.35 55 (P) 59 48.77 0.2
 QUE 70.07 294 eP 59 53.40 0.1
 KSP 72.01 339 eP 00 05.00 0.5
 e 01 48.80 483kmX
 PRU 73.18 340 eP 00 11.80 0.5
 GRF 74.10 342 ePd 00 17.50 0.8
 1.9s 61.00nm 5.3mb
 KHC 74.19 340 eP 00 18.00 0.7
 1.3s 6.00nm 4.5mb
 e 00 25.50 24km
 e 02 01.50
 GEC2 74.44 340 ePd 00 19.10 0.3
 0.6s 1.55nm 4.2mb
 e 01 26.20 289kmX

WB2 78.04 208 eP 01 35.30 -0.3
 0.8s 2.70nm 4.3mb
 WRA 78.05 209 P 00 39.20 0.0
 0.7s 1.10nm 4.0mb
 WRA 78.05 209 P 00 48.30 9.1X
 1.3s 0.50nm 3.4mb X
 MAF 78.84 347 eP 00 45.60 2.3
 0.9s 9.50nm 4.8mb
 LPL 78.91 344 eP 00 45.30 1.3
 0.8s 5.10nm 4.6mb
 LPG 78.93 344 eP 00 45.50 1.3
 0.8s 7.50nm 4.8mb
 S.D. = 1.0 on 46 of 48 obs.

* NOV 16, 1992 23h 36m 02.44± 0.94s
 54.348 N ± 17.5km 163.803 E ± 17.5km
 DEPTH = 33.0km (normal)
 4.0mb (6 obs.)

OFF EAST COAST OF KAMCHATKA (219)

MAT 25.07 235 eP 41 25.00 -0.1
 1.0s 15.00nm 4.5mb
 FBA 25.97 47 eP 41 34.00 0.8
 1.0s 1.70nm 3.6mb
 CHG 60.30 261 eP 46 10.90 0.8
 GUN 60.93 278 P 46 15.42 0.7
 PKI 61.46 278 P 46 18.30 0.0
 GKN 61.58 279 P 46 18.92 0.0
 DMN 61.61 278 P 46 19.28 0.1
 NB2 62.92 345 P 46 26.00 -1.2
 0.7s 2.20nm 4.4mb
 HFS 63.40 344 eP 46 29.10 -1.2
 0.5s 1.00nm 4.2mb
 GEC2 74.14 340 ePKP 47 38.10 1.2
 0.7s 0.69nm 3.8mb
 e 47 45.60
 e 47 52.70
 WRA 78.19 208 P 47 59.00 -0.9
 0.9s 0.20nm 3.1mb
 S.D. = 0.9 on 11 of 11 obs.

* NOV 17, 1992 00h 06m 10.00± 0.46s
 54.258 N ± 11.4km 163.917 E ± 8.2km
 DEPTH = 24.2km (4 depth phases)
 4.5mb (10 obs.)

OFF EAST COAST OF KAMCHATKA (219)

IMA 23.64 43 eP 11 21.11 1.2
 0.9s 5.39nm 4.1mb
 e 11 27.56 23km
 BRW 24.10 30 eP 11 22.38 -1.6
 MAT 25.07 236 eP 11 34.00 0.2
 1.2s 59.38nm 5.1mb
 FBA 25.98 47 (P) 11 42.31 0.3
 0.8s 5.88nm 4.3mb
 TOA 26.83 53 eP 11 57.70 7.7X
 SRU 57.04 68 eP 15 55.52 -0.8
 eP 16 03.90 27km
 PV10 58.37 67 eP 16 07.50 1.8
 KAF 59.28 338 iP 16 11.40 0.1
 0.6s 3.50nm 4.7mb
 CHG 60.35 261 eP 16 19.80 0.6
 GUN 61.01 278 P 16 23.74 -0.3
 KKN 61.45 279 P 16 26.94 0.0
 PKI 61.54 278 P 16 27.50 -0.2
 0.8s 27.00nm 5.4mb
 GKN 61.66 279 P 16 28.00 -0.3
 DMN 61.68 279 P 16 28.68 0.1
 NB2 63.02 345 P 16 36.20 -0.5
 0.9s 5.20nm 4.7mb
 HFS 63.50 344 eP 16 38.70 -1.1
 0.4s 1.10nm 4.3mb
 WMOK 66.55 63 eP 16 58.55 -1.4
 0.8s 11.32nm 5.1mb
 eP 17 06.80 26km
 OLY 69.67 57 (P) 17 19.69 0.4
 QUE 69.91 294 eP 17 21.50 0.4
 KSP 71.82 339 eP 17 32.80 0.8
 GEC2 74.25 340 eP 17 47.60 1.2
 0.6s 0.90nm 3.9mb
 e 17 53.90 20km
 e 17 56.20
 WRA 78.14 208 P 18 07.60 -0.8
 0.8s 0.90nm 3.9mb
 ASPA 81.80 208 P 18 28.00 0.0
 S.D. = 0.9 on 22 of 23 obs.

NOV 17, 1992 00h 17m 16.70±0.45s
33.420 S ± 4.2km 68.492 W ± 4.0km
DEPTH = 10.0km (geophysicist)
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.0 (SAN).

MDZ 0.61 331 iP 17 28.90 -0.2
iS 17 36.60
RFA 1.35 179 iPc 17 41.30 -0.2
S 17 59.60
FCH 1.51 273 iPd 17 43.71 -0.4
iS 18 02.81
RTCV 1.56 359 ePc 17 44.20 -0.3
S 18 03.50
PCH 1.70 263 iPd 17 46.53 -0.1
iS 18 08.83
CFA 1.82 7 e(P) 17 48.30 0.0
S 18 13.00
PEL 1.86 278 iP+ 17 48.86 0.0
iS 18 13.08
CHCH 1.87 254 iPd 17 49.65 0.5
iS 18 14.33
CACH 1.89 248 iPd 17 49.48 0.1
iS 18 14.31
JACH 1.91 292 iPd 17 50.44 0.7
iS 18 14.76
RTBS 1.93 335 iPd 17 50.60 0.7
RTCB 1.95 352 ePc 17 50.50 0.3
S 18 13.20
TACH 2.06 263 iP 17 51.11 -0.6
iS 18 18.99
RTLL 2.08 1 iPd 17 51.70 -0.5
S 18 19.00
ROCH 2.16 281 iP 17 52.97 -0.5
iS 18 21.98
LNV 2.49 257 iP 17 59.02 1.1
iS 18 30.98
MRA 2.55 68 ePc 17 59.70 1.0
S 18 38.30
LCCH 2.57 268 iP 17 58.31 -0.8
RTPR 3.54 29 e(P)c 18 14.90 2.2X
TCA 3.90 59 iP 18 17.20 -0.8
S.D. = 0.6 on 19 of 20 obs.

* NOV 17, 1992 00h 29m 45.45±2.65s
5.945 S ±12.5km 130.059 E ±10.8km
DEPTH = 80.8 ± 28.2 km
5.3mb (3 obs.)
BANDA SEA (280)

MTN 6.94 171 eP 31 27.20 0.7
eS 32 41.00
KNA 9.83 187 eP 32 07.00 0.9
0.3s 80.00nm 6.3mb X
WB2 14.53 164 eP 33 03.20 -5.1X
i 33 06.90
iS 35 33.30
LAT 16.86 93 iPc 33 30.60 -7.2X
FINC 17.70 93 iPd 33 47.50 -0.8
ASPA 18.00 169 eP 33 49.60 -2.4
eS 36 59.00
MBL 18.08 212 eP 33 52.40 -0.5
WARB 20.39 189 eP 34 18.00 -0.2
0.4s 6.00nm 4.3mb
CTA 21.10 133 eP 34 27.00 1.6
STK 27.97 159 iPd 35 30.80 0.4
GUN 54.31 311 P 39 06.60 0.2
0.5s 24.00nm 5.5mb
PKI 54.49 310 P 39 07.54 -0.2
KKN 54.70 310 P 39 09.06 -0.1
DMN 54.74 310 P 39 09.62 0.2
GKN 55.30 310 P 39 13.42 0.1
0.5s 21.00nm 5.5mb
S.D. = 1.1 on 13 of 15 obs.

? NOV 17, 1992 00h 43m 39.95±0.71s
26.384 N ±10.1km 140.851 E ±37.7km
DEPTH = 33.0km (normal)
4.5mb (6 obs.)
BONIN ISLANDS REGION (212)

MAT 10.37 348 (P) 46 10.00 0.5
eS 48 08.00
KMI 34.27 276 eP 50 36.60 11.1X
CHG 39.28 268 eP 51 18.00 10.4X

WB2 46.48 188 iPd 52 05.30 -0.6
0.6s 14.30nm 5.1mb
WRA 46.48 188 P 52 05.60 -0.3
0.6s 5.50nm 4.7mb
ASPA 50.21 188 eP 52 35.50 0.7
IMA 56.26 27 (P) 53 18.50 -0.8
0.8s 1.55nm 4.1mb
GBA 60.42 271 P 53 58.00 9.1X
YKA 73.33 28 eP 55 21.30 11.5X
0.8s 1.10nm
SDF 74.68 339 iP 55 18.60 1.0
KAF 77.59 334 iP 55 35.00 1.0
0.5s 3.10nm 4.6mb
NUR 79.16 333 eP 55 40.00 -2.6
HFS 83.60 336 eP 56 05.80 -0.2
0.5s 1.10nm 4.3mb
NB2 83.82 338 P 56 07.40 0.2
0.7s 2.30nm 4.4mb
ZOB0 151.26 75 PKP 03 28.00 1.2
LR 08 08.00
S.D. = 1.2 on 11 of 15 obs.

NOV 17, 1992 02h 38m 50.10±0.27s
33.782 N ± 5.4km 67.574 E ± 3.8km
DEPTH = 33.1km (2 depth phases)
5.2mb (56 obs.) 4.5MsZ (3 obs.)
AFGHANISTAN (709)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 18S, 28C
Centroid Location:
Origin Time 02:38:49.1 0.7
Lat 33.15N 0.10 Lon 67.18E 0.06
Dep 33.0 FLX Half-duration 1.0
Moment Tensor: Scale 10**16 Nm
Mrr=-4.76 0.39 Mtt= 0.75 0.75
Mff= 4.01 0.43 Mrt=-2.06 0.76
Mrf=-1.66 1.02 Mtf= 0.81 0.30
Principal Axes:
T Val= 4.69 Plg=14 Azm=108
N 0.94 13 202
P -5.64 71 333
Best Double Couple: Mo=5.2*10**16
NP1:Strike=181 Dip=33 Slip=-114
NP2: 29 60 -75

QUE 3.62 189 eP 39 47.00 1.6
e(S) 40 52.00
MAIO 7.09 293 iPc 40 32.00 -2.2
0.7s 60.67nm 5.7mb
eS 42 36.00
ASH 8.56 302 eP 40 51.00 -3.7X
1.0s 430.00nm 6.5mb X
eS 42 39.00
KSH 8.81 48 P 41 01.00 2.7
0.9s 170.00nm 6.2mb X
Z 10s 17.80um 3.9MsZ
S 42 41.00
NDI 9.69 119 iPd 41 09.70 -0.6
1.0s 100.00nm 6.0mb
eS 42 53.50
KAT 10.58 304 eP 41 27.00 4.5X
iS 43 29.00
FRU 10.59 29 eP 41 21.80 -0.8
eS 43 15.00
AAA 11.98 35 eP 41 40.30 -1.2
Z 12s 3.50um
N 12s 2.50um
E 12s 3.30um
eS 43 57.30
BAK 15.56 300 iPc 42 30.00 1.5
GKN 15.73 107 P 42 28.82 -2.2
POO 16.19 158 eP 42 36.00 -0.8
iS 48 18.00
DMN 16.28 108 P 42 35.28 -2.8
0.9s 253.00nm 5.4mb
KKN 16.34 107 P 42 35.94 -2.9
0.7s 330.00nm 5.6mb
PKI 16.54 107 P 42 38.50 -2.9
0.8s 239.00nm 5.4mb
SHE 16.55 300 iPd 42 44.00 2.8
1.8s 140.00nm 4.8mb
GUN 16.77 106 P 42 42.76 -1.6
0.9s 412.00nm 5.6mb
WMO 18.57 51 P 43 04.50 -1.9
1.0s 21.00nm 4.3mb
Z 16s 1.82um 4.5MsZ X

PP 43 20.50
S 46 35.00
HYB 19.04 146 eP 43 11.00 -1.3
1.0s 30.00nm 4.5mb
eS 46 52.00
BRVK 19.37 5 iPd 43 13.40 -2.3
1.2s 244.00nm 5.3mb
Z 16s 4.02um 4.0MsZ X
N 14s 4.48um
E 12s 1.22um
eS 46 44.80
ERE 19.48 296 iP 43 18.00 0.7
GRO 19.55 306 iPc+ 43 17.50 -0.4
1.5s 160.00nm 5.1mb
eS 46 59.50
MTA 19.63 300 eP 43 18.00 -0.7
RYD 20.37 249 eP 43 29.20 2.6
eS 47 12.00
LSA 20.45 95 iPc 43 29.80 1.9
MJMA 20.86 254 eP 43 29.67 -2.0
PYA 21.58 306 ePd 43 37.50 -1.3
Z 16s 1.00um 4.3MsZ X
N 16s 1.00um
E 16s 1.00um
i 43 40.00
eS 48 10.00
KIV 21.80 305 eP 43 40.80 -0.4
1.2s 117.00nm 5.2mb
GBA 22.00 154 P 43 44.80 1.6
S 48 57.80
ARU 23.45 347 ePd 43 58.00 0.9
1.6s 640.00nm 5.9mb
e 44 30.00
ePPP 44 44.00
eS 48 15.00
SVE 23.52 350 ePd 43 59.00 1.3
1.5s 160.00nm 5.3mb
eS 48 13.00
eSS 49 05.00
ELT 23.59 29 eP 43 58.80 0.4
1.6s 92.00nm 5.0mb
Z 12s 3.50um 5.0MsZ X
N 13s 2.00um
eS 48 14.00
UER 26.16 39 iP 44 22.20 -0.7
1.5s 44.00nm 4.8mb
eS 48 52.00
GTA 26.40 68 eP 44 27.50 2.0
1.0s 8.00nm 4.3mb
E 12s 0.78um
pP 44 34.80 26km
sP 44 38.40
BHL 26.46 279 P 44 26.00 0.0
S 49 20.00
HRI 26.49 278 eP 44 28.80 2.5
DSI 27.13 274 eP 44 34.80 2.7
MBH 28.01 271 eP 44 42.30 2.1
LZH 29.72 75 eP 44 56.50 0.9
1.6s 30.00nm 4.8mb
Z 12s 0.68um 4.5MsZ X
E 12s 0.71um
pP 45 07.50 40km
sP 45 13.50
MOY 30.01 43 eP 44 59.10 1.4
MOS 30.17 326 eP 45 03.00 3.9X
Z 18s 1.50um 4.7MsZ
N 17s 2.80um
E 17s 2.30um
e 45 55.00
e 46 19.00
OBN 30.31 324 eP 45 00.00 -0.3
1.0s 42.00nm 5.2mb
Z 16s 2.10um 4.9MsZ X
N 16s 1.10um
E 16s 0.60um
ePP 46 02.00
eS 50 20.00
LR 51 20.00
ePcS 51 30.00
(SS) 52 06.00
LQ 54 40.00
CD2 30.61 85 eP 45 05.60 2.3
Z 15s 0.80um 4.5MsZ X
E 10s 0.73um
ZAK 30.89 47 eP 45 06.00 0.5
1.4s 16.00nm 4.6mb
Z 14s 0.98um 4.6MsZ X

E 16s 1.36um
 CHG 31.68 110 eP 45 13.00 0.2
 KMI 31.69 96 Pc 45 14.50 1.4
 BDT 32.63 112 eP 45 23.00 2.0
 BTO 34.23 66 eP 45 36.00 1.0
 N 12s 0.32um
 E 13s 0.38um
 HHC 35.40 65 eP 45 50.00 5.1X
 Z 10s 0.55um 4.6MsZ
 E 18s 0.69um
 S 51 20.00
 TIY 36.36 71 Pd 45 54.50 1.5
 Z 18s 0.97um 4.6MsZ
 N 16s 0.82um
 UZH 36.59 308 eP 45 55.00 0.3
 1.6s 40.00nm 5.1mb
 NRI 37.47 12 iPd 46 01.80 0.0
 1.3s 98.00nm 5.5mb
 Z 16s 1.60um 4.9MsZ
 e 47 28.00
 CIT 37.58 47 eP 46 02.00 -1.1
 OJC 38.40 310 eP 46 09.10 -0.8
 KAF 38.48 330 iP 46 10.30 -0.1
 NUR 38.49 327 eP 46 10.00 -0.5
 0.9s 21.40nm 5.0mb
 BJI 38.97 66 eP 46 16.00 1.2
 Z 16s 0.58um 4.5MsZ
 N 12s 0.43um
 eS 52 18.00
 BOD 39.32 38 iPd 46 16.30 -1.2
 TIA 40.31 72 Pc 46 28.30 2.3
 1.4s 43.00nm 5.0mb
 Z 16s 0.94um 4.7MsZ
 N 11s 0.47um
 E 11s 0.60um
 KSP 40.69 311 eP 46 28.70 -0.1
 e 48 05.00
 SDF 41.18 337 iP 46 33.50 0.8
 PRU 41.75 309 eP 46 38.50 0.9
 e 47 07.60
 BRG 42.17 311 eP 46 42.40 1.4
 1.2s 22.00nm 4.8mb
 GEC2 42.28 308 ePc 46 42.00 -0.1
 1.1s 4.95nm 4.1mb X
 e 46 44.90
 e 46 50.90
 KEV 42.35 340 eP 46 42.00 -0.2
 KHC 42.36 308 eP 46 40.50 -2.2
 e 46 45.00
 CLL 42.79 311 eP 46 46.00 0.0
 e 48 30.00
 HFS 43.54 324 eP 46 51.20 -0.8
 1.5s 113.50nm 5.4mb
 Z 18s 475.00um 7.4MsZ
 LR 04 22.00
 MOX 43.65 310 ePc 46 54.10 1.0
 1.7s 33.00nm 4.8mb
 e 48 40.10
 GRF 43.90 309 eP 46 57.00 1.9
 Z 22s 0.20um 4.0MsZ
 SSE 44.90 78 Pc 47 11.50 8.1X
 1.0s 11.00nm 4.7mb
 NB2 44.92 325 P 47 02.60 -0.7
 0.9s 21.50nm 5.0mb
 WTS 46.65 312 eP 47 18.00 1.1
 1.6s 106.00nm 5.6mb
 BSF 46.93 306 eP 47 17.00 -2.4
 1.9s 55.35nm 5.2mb
 HAU 47.21 307 eP 47 20.70 -0.8
 1.3s 292.50nm 6.1mb
 Z 23s 0.13um 3.8MsZ
 LPG 47.23 303 eP 47 20.90 -1.2
 1.6s 27.35nm 5.0mb
 LPL 47.24 303 eP 47 21.10 -1.0
 1.3s 28.15nm 5.1mb
 YAK 47.81 34 eP 47 25.00 -1.0
 1.3s 50.00nm 5.4mb
 LBF 48.93 306 eP 47 33.90 -1.0
 1.3s 28.15nm 5.1mb
 SMF 49.07 305 eP 47 35.30 -0.7
 1.5s 75.75nm 5.5mb
 SSF 49.24 306 eP 47 36.30 -0.9
 1.2s 21.40nm 5.1mb
 TIK 49.33 22 iPd 47 37.30 -0.3
 1.5s 65.00nm 5.4mb
 AVF 49.38 305 eP 47 37.50 -0.8
 1.6s 48.50nm 5.3mb

CAF 50.60 303 eP 47 46.90 -0.8
 1.1s 17.60nm 5.0mb
 LSF 50.72 305 eP 47 47.60 -0.9
 1.5s 52.25nm 5.3mb
 EPF 52.22 301 eP 47 56.30 -3.7X
 1.5s 36.55nm 5.1mb
 EKA 52.32 317 P 48 00.00 -0.6
 1.7s 78.70nm 5.4mb
 BCAO 54.06 248 iPc 48 12.50 -1.4
 0.9s 18.00nm 5.1mb
 ic 48 32.00
 ic 49 05.90
 DAG 56.58 344 iPc 48 30.80 -0.6
 0.8s 14.93nm 5.1mb
 MAT 56.60 66 (P) 48 32.00 -0.1
 YSS 56.65 52 eP 48 31.00 -1.2
 KRI 61.99 222 iPc 49 10.00 0.4
 ipP 49 13.20 10kmX
 CIR 64.39 218 iPc 49 29.60 4.4X
 MBC 70.16 2 ePd 50 01.40 0.7
 1.0s 42.00nm 5.5mb
 BRW 70.63 14 eP 50 04.20 0.5
 KIC 71.80 265 P 50 09.60 -2.1
 1.0s 20.00nm 5.1mb
 TIC 71.87 266 P 50 10.00 -2.1
 LIC 72.11 265 P 50 11.20 -2.3
 ANM 73.59 21 eP 50 21.82 0.4
 IMA 75.53 16 ePd 50 32.48 -0.3
 1.3s 24.05nm 5.0mb
 TTA 77.52 19 eP 50 44.20 0.4
 1.0s 10.24nm 4.8mb
 FBA 77.83 15 ePd 50 45.35 0.0
 1.5s 38.61nm 5.2mb
 PMR 80.40 17 eP 50 58.76 -0.6
 1.5s 71.12nm 5.4mb
 TOA 80.64 15 eP 51 01.80 1.1
 KLU 81.24 16 eP 51 04.72 0.8
 BALM 82.41 14 eP 51 10.09 0.0
 WRA 83.03 119 P 51 14.90 1.2
 0.7s 14.00nm 5.2mb
 WB2 83.03 119 iPc 51 14.60 0.9
 0.7s 27.10nm 5.5mb
 YKA 84.05 1 eP 51 18.30 0.1
 0.8s 10.10nm 5.0mb
 ASPA 85.08 123 iPd 51 24.90 0.9
 1.2s 20.60nm 5.2mb
 CTA 92.02 113 iP 51 58.00 0.9
 ULM 95.06 349 eP 52 13.50 2.7
 SES 96.18 359 eP 52 16.00 0.1
 S.D. = 1.4 on 105 of 112 obs.
 * NOV 17, 1992 03h 01m 37.36 ± 1.40s
 27.145 N ± 9.5km 127.343 E ± 9.7km
 DEPTH = 121.5 ± 13.3 km
 3.9mb (7 obs.)
 RYUKYU ISLANDS (238)
 SSE 6.67 308 P 03 13.00 -1.2
 BBP 8.23 218 ePc 03 35.00 -0.3
 MAT 13.15 42 eP 04 41.00 0.5
 BJI 15.85 327 eP 05 16.00 1.2
 1.0s 18.00nm 4.3mb
 LZH 21.86 300 eP 06 21.50 0.2
 GUN 36.65 281 P 08 35.14 0.8
 PKI 37.12 281 P 08 38.22 0.0
 KKN 37.20 281 P 08 38.60 -0.1
 DMN 37.38 281 P 08 40.38 0.1
 0.7s 7.00nm 4.6mb
 GKN 37.72 281 P 08 43.12 0.0
 WRA 47.30 171 P 10 00.20 -0.3
 0.6s 0.40nm 3.4mb
 GBA 48.39 264 P 10 11.00 2.0
 FBA 63.61 28 eP 11 58.00 1.0
 HFS 77.64 332 eP 13 19.50 -1.9
 0.4s 0.40nm 3.6mb
 YKA 78.03 25 eP 13 23.40 -0.1
 0.7s 1.80nm 4.0mb
 NB2 78.14 333 P 13 22.60 -1.7
 0.6s 1.30nm 3.9mb
 GEC2 83.99 323 eP 13 55.00 -0.3
 0.6s 0.88nm 3.8mb
 e 14 09.20
 S.D. = 1.1 on 17 of 17 obs.
 ? NOV 17, 1992 03h 04m 36.18 ± 3.54s
 9.944 S ± 49.0km 162.025 E ± 38.7km

DEPTH = 97.8 ± 25.7 km
 4.4mb (3 obs.)
 SOLOMON ISLANDS (193)
 HNR 2.11 284 iP 05 10.00 -0.6
 iS 05 36.00
 SVO 2.32 290 iP 05 14.00 0.6
 iS 05 39.00
 DZM 12.78 161 iPd 07 35.60 0.0
 iS 09 50.50
 CTA 18.25 235 eP 08 45.00 0.3
 RMQ 20.70 216 eP 09 10.10 -0.4
 0.9s 30.00nm 4.6mb
 CMS 26.18 213 eP 10 03.80 0.5
 0.6s 7.00nm 4.4mb
 WB2 28.48 246 eP 10 24.00 -0.3
 0.6s 2.80nm 4.1mb
 S.D. = 0.7 on 7 of 7 obs.
 NOV 17, 1992 03h 18m 33.68 ± 0.66s
 40.675 N ± 5.7km 23.130 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)
 THE 0.13 251 ePg 18 37.08 0.2
 iSg 18 39.45
 SOH 0.22 49 ePg 18 38.88 0.3
 iSg 18 42.45
 KNT 0.52 340 iPg 18 43.98 -0.2
 eSg 18 51.56
 SRS 0.56 38 ePg 18 44.88 -0.3
 eSg 18 51.44
 GRG 0.62 297 ePg 18 45.92 -0.3
 eSg 18 54.84
 VAY 0.77 327 ePn 18 49.00 0.3
 PAIG 0.86 150 ePg 18 50.00 -0.2
 eSg 19 02.84
 S.D. = 0.3 on 7 of 7 obs.
 ? NOV 17, 1992 03h 24m 44.19 ± 1.73s
 7.545 N ± 16.0km 127.496 E ± 19.5km
 DEPTH = 33.0km (normal)
 3.8mb (2 obs.)
 PHILIPPINE ISLANDS REGION (248)
 BIP 1.41 299 iPc 25 06.00 -1.7
 iS 25 21.00
 DAV 1.96 257 eP 25 16.50 0.8
 CGP 2.92 288 iPc 25 29.50 0.2
 iS 26 01.00
 PLP 4.37 326 ePc 25 51.00 1.0
 WRA 28.13 166 P 30 28.40 -7.1X
 0.8s 0.30nm 3.0mb
 WB2 28.14 166 iPc 30 35.30 -0.2
 0.4s 4.00nm 4.5mb
 CTA 33.09 146 iP 31 23.50 4.2X
 STK 41.45 162 eP 32 33.80 4.2X
 S.D. = 1.5 on 5 of 8 obs.
 NOV 17, 1992 03h 37m 22.97 ± 0.46s
 49.001 N ± 4.1km 112.611 W ± 7.4km
 DEPTH = 5.0km (geophysicist)
 ALBERTA, CANADA (24)
 ML 3.3 (GS), 3.4 (PGC). Felt
 (III) at Santa Rita, Montana.
 SES 1.73 36 P 37 54.00 0.1
 0.7s 148.00nm
 HRY 2.35 167 ePd 38 03.70 0.7
 BUT 2.99 179 ePg 38 19.50 7.4X
 eSn 38 55.10
 eSg 39 00.10
 NEW 3.08 258 ePg 38 19.50 6.3X
 LRM 3.18 178 ePnc 38 14.70 -0.2
 LCCM 3.20 171 ePnc 38 15.50 0.4
 HBMT 3.21 180 ePn 38 15.00 -0.3
 MGMT 3.58 161 ePn 38 20.20 -0.3
 BGMT 3.79 174 ePn 38 23.20 -0.4
 DPW 3.89 255 eP 38 23.83 -1.0
 Lg 39 28.57
 SLEB 4.16 303 P 38 30.00 1.2
 Sg 39 36.10
 MCMT 4.18 182 ePn 38 29.40 0.4
 EDM 4.25 354 Pc 38 29.07 -0.8
 Sg 39 36.05
 TPMT 4.32 171 ePn 38 30.50 -0.6
 LTMT 4.49 175 ePn 38 34.10 0.6

17d 03h

MNB 4.87 313 P 38 39.00 0.1
 RSSD 7.66 126 ePg 39 48.00 29.9X
 BDBC 9.28 324 P 39 38.00 -2.4X
 ULM 10.93 77 eP 40 06.00 3.0X
 S.D. = 0.7 on 14 of 19 obs.

& NOV 17, 1992 03h 58m 00.90s
 45.764 N 74.862 W
 DEPTH = 18.0km (geophysicist)
 4.0mb (2 obs.)
 SOUTHERN ONTARIO, CANADA (470)
 <OTT>. mbLg 4.4 (OTT), 4.2
 (TUL), 3.8 (GS). Felt in the
 Ottawa-Montreal area. Felt (IV)
 at Ogdensburg and Waddington,
 New York. Felt (III) at Fort
 Covington, New York. Also felt
 in the Plattsburgh area, New
 York.

TRO 0.51 25 P 58 11.00 0.0
 OTT 0.70 239 P 58 13.50 -0.8
 RSNY 1.24 169 P 58 23.20 -0.1
 EEO 3.05 288 ePd 58 51.30 2.1
 WLVO 3.12 235 P 58 49.40 -0.7
 STCO 4.00 232 P 59 01.29 -1.4
 HRV 4.03 143 P 59 03.70 0.6
 ACTO 4.29 242 P 59 04.88 -1.9
 TYNO 4.47 235 P 59 07.74 -1.6
 TBR 4.64 174 P 59 10.80 -1.1
 CBM 4.81 74 P 59 14.40 0.2
 PNJ 4.88 174 i(Pn) 59 16.30 1.1
 i(Sn) 00 22.90
 i 00 29.00

GMTN 4.90 174 eP 59 15.30 -0.2
 LVNJ 4.95 179 P 59 14.90 -1.3
 ELF 5.28 243 P 59 18.00 -2.9
 LDN 5.28 241 P 59 21.00 0.1
 DLA 5.62 241 P 59 22.00 -3.7
 LMN 7.03 86 eP 59 48.00 2.6
 JAO 8.07 356 ePc 59 55.50 -4.4
 BLA 9.51 208 P 00 17.00 -2.9
 NAV 9.54 210 P 00 13.00 -7.3
 CEH 10.37 199 P 00 27.40 -4.3
 JFWS 11.38 261 P 00 39.50 -6.1
 ELC 13.68 237 P 01 11.00 -5.2
 FVM 13.95 242 P 01 14.20 -5.5
 ULM 14.75 295 eP 01 25.00 -5.2
 OLY 16.22 237 P 01 47.30 -2.0
 MIAR 18.12 238 P 02 10.10 -3.1
 0.7s 5.94nm 3.8mb

LNO 18.59 245 (Pn) 02 17.20 -1.7
 Lg 07 31.00
 LNO2 18.59 245 (Pn) 02 22.90 4.0
 WMOK 21.24 247 P 02 46.30 -1.8
 0.4s 3.05nm 4.1mb
 SES 24.45 294 ePd 03 20.10 0.6
 WRA 144.78 307 PKP 17 36.50 -1.8
 0.7s 2.90nm
 33 obs. associated

NOV 17, 1992 04h 24m 16.46± 0.12s
 30.588 S ± 2.4km 71.172 W ± 3.4km
 DEPTH = 54.1km (17 depth phases)
 5.7mb (55 obs.)

NEAR COAST OF CENTRAL CHILE (135)
 MD 5.2 (SAN). Felt (V) at La
 Serena and Ovalle; (IV) at
 Andacollo, Combarbalo, Coquimbo
 and Vicuna; (III) at Illapel and
 Salomanka.

FAULT PLANE SOLUTION: P-Waves
 NP1:Strike=160 Dip=78 Slip= 70
 NP2: 40 23 148

Principal Axes:
 T P1g=53 Azm= 46
 P 30 266

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

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 30S, 43C

Centroid Location:
 Origin Time 04:24:23.7 0.3
 Lat 30.85S 0.05 Lon 71.63W 0.04
 Dep 54.7 2.3 Half-duration 1.1
 Moment Tensor: Scale 10**16 Nm
 Mrr= 9.21 0.29 Mtt= 0.25 0.64
 Mff=-9.47 0.58 Mrt= 2.52 0.50
 Mrf=-4.78 0.47 Mtf= 1.78 0.50
 Principal Axes:
 T Val= 10.77 P1g=73 Azm= 47
 N 0.33 8 166
 P -11.10 14 258
 Best Double Couple:Mo=1.1*10**17
 NP1:Strike= 0 Dip=32 Slip= 106
 NP2: 161 60 80

TLL 0.53 37 iP+ 24 30.50 1.9
 RTBS 1.82 126 iPd 24 50.00 4.1X
 JACH 2.15 167 iPd 24 51.59 1.0
 RTCB 2.22 114 iPd 24 55.90 4.2X
 ROCH 2.38 177 iPd 24 54.75 0.8
 IHA 2.46 189 ePc 24 54.20 -0.7
 i 25 09.80
 iS 25 30.10

PEL 2.58 171 iP+ 24 57.39 0.7
 RTCV 2.59 120 iPd 25 01.00 4.2X
 CFA 2.71 113 iPc 25 02.00 3.4X
 FCH 2.83 165 iP+ 25 02.06 1.5
 SAN 2.89 171 iP+ 25 02.28 1.2
 iS 25 37.00
 LCCH 2.90 187 iPd 25 00.34 -0.8
 MDZ 3.03 140 iP 25 07.10 4.0X
 iS 25 44.20

TACH 3.06 176 iP 25 04.02 0.5
 PCH 3.07 170 iP+ 25 04.82 1.0
 CHCH 3.36 173 iP+ 25 08.28 0.4
 LNV 3.36 183 iPd 25 06.40 -1.3
 CACH 3.55 172 iP 25 11.39 0.9
 iS 25 53.77

RTPR 4.04 87 iPd 25 19.70 2.5
 RFA 4.75 152 iPd 25 27.30 -0.1
 MRA 5.01 113 iPd 25 32.20 1.3
 CYA 5.15 67 iPd 25 34.50 1.5
 TCA 5.70 99 iPd 25 41.00 0.3
 FSA 6.39 47 iP 25 51.50 1.3
 ANT 6.89 6 eP 25 53.20 -4.0X
 SLA 7.71 42 ePc 26 09.00 0.2
 S 27 29.30

LPA 11.95 115 iPc- 27 04.60 -1.9
 0.9s 806.72nm 6.7mb X
 CCH 13.92 20 P 27 32.50 -0.4
 CNCB 14.02 13 P 27 36.90 2.4
 ARE 14.06 359 iPc 27 35.50 0.7
 LPB 14.27 12 P 27 39.00 1.4
 1.0s 600.00nm 6.1mb
 Z 20s 4.96um 5.0MszX

ZOBO 14.50 12 ePc 27 42.34 1.5
 S 30 34.00
 LR 32 00.00

SIV 17.22 35 P 28 17.40 2.5
 NNA 19.24 343 ePc 28 38.50 -0.9
 0.9s 19.33nm 4.4mb X
 Z 18s 1.03um 4.6Msz

VAO 22.86 77 iPc 29 16.10 0.0
 e 29 28.50 50km
 e 29 34.50
 e 29 49.90

BMA 25.35 78 iPc 29 40.20 0.1
 e 29 43.10 10kmX
 e 29 50.40
 e 30 01.00
 e 30 12.60

BAO 25.92 60 Pd 29 45.50 0.0
 e 29 47.10 6kmX
 e 29 50.00
 e 29 52.90
 e 29 53.50
 e 29 54.90
 e 29 57.30
 e 30 02.00
 e 30 05.00
 e 30 07.10
 e 30 11.90
 e 30 19.20
 e 30 30.20

e 30 33.90
 e 30 35.10
 e 31 07.20
 e 31 15.50
 e 31 22.30
 e 31 37.00
 e 33 06.00
 e 33 18.00
 e 36 35.00

BDF 25.97 60 Pd 29 45.60 -0.4
 e 31 38.90
 e 37 09.50
 e 37 57.60
 e 38 14.90
 e 38 21.50
 e 38 30.00
 e 38 43.60
 e 39 10.80
 e 39 25.00
 e 40 01.30
 e 40 08.90
 e 40 44.00

PSO 32.14 348 eP 30 44.50 3.0X
 PDCR 34.63 66 iPc 31 01.80 -0.8
 e 31 05.10 11kmX
 BOG 35.12 355 eP 31 09.50 2.3
 eS 36 42.00

BMG 37.49 357 iPc 31 23.00 -3.9X
 SDV 39.25 1 iPc 31 41.10 -0.6
 TOV 40.16 2 iPc 31 48.80 -0.3
 CAR 41.06 6 iPd 31 56.00 -0.5
 GRW 43.47 14 eP 32 15.60 -0.6
 SVB 44.64 14 eP 32 24.28 -1.2
 SLW 45.43 14 eP 32 31.03 -0.8
 BIM 45.89 14 ePc 32 33.74 -1.7
 MVM 45.96 14 eP 32 34.74 -1.2
 FDF 46.08 14 ePc 32 35.23 -1.7
 CRM 46.15 14 eP 32 35.81 -1.6
 MGH 47.82 12 eP 32 49.08 -1.5

BPA 48.20 12 eP 32 50.58 -3.0X
 YHJ 48.47 353 iPd 32 55.40 -0.2
 MGP 48.47 5 iP 32 54.90 -0.7
 PORP 48.56 6 iP 32 55.00 -1.3
 CLLP 48.59 6 iP 32 55.30 -1.2
 CPD 48.61 7 iP 32 55.00 -1.7
 SJG 48.66 6 iP 32 55.60 -1.5
 STH 48.69 353 iPd 32 57.29 0.0
 CPB 48.78 12 eP 32 55.68 -2.3
 LPR 48.88 7 iP 32 57.60 -1.2
 APR 48.94 6 iP 32 56.70 -2.5

IISM 55.36 329 (P) 33 49.00 1.7
 III 55.78 327 (P) 33 51.00 0.5
 IIT 55.80 329 (P) 33 52.00 1.2
 PPM 55.99 328 (P) 33 54.00 1.6
 MRX 57.74 326 (P) 34 05.00 0.8
 NVL 59.17 157 iPc+ 34 11.80 -1.8
 1.2s 161.00nm 6.0mb
 Z 20s 0.20um 4.2Msz

e 34 26.00 52km
 e 35 04.00
 eS 42 13.00
 SPA 59.58 180 iPc 34 15.90 -0.9
 1.1s 327.38nm 6.4mb
 i 34 36.70 82kmX
 HBF 63.77 351 ePc 34 44.19 -0.7
 iPP 34 58.87 53km
 ePcP 35 14.45

SGS 64.05 351 eP 34 46.11 -0.6
 e 34 57.85 40kmX
 PRM 65.19 350 ePc 34 53.13 -0.9
 JSC 65.22 351 iPc 34 53.40 -0.8
 PcP 35 22.91
 LHS 65.35 351 ePc 34 54.34 -0.8
 CEH 66.54 353 ePc 35 02.02 -0.7
 0.6s 76.82nm 5.9mb
 ePcP 35 31.21 171kmX
 e 35 42.65

TKL 66.95 349 iPc 35 04.26 -1.1
 BLA 68.00 352 ePc 35 11.46 -0.5
 0.9s 35.93nm 5.4mb
 ePcP 35 36.59
 UYO 68.05 339 iPc 35 11.90 -0.4
 MIAR 68.14 340 iPc 35 12.12 -0.7
 1.1s 61.28nm 5.5mb
 Z 21s 0.33um 4.5Msz

NAV 68.15 352 iPc 35 12.00 -0.9
 OLY 68.46 342 eP 35 13.86 -0.9

GRT	68.67	344	eP	35	15.98	-0.1			0.9s	61.71nm	5.5mb	STW	91.40	328	P	37	18.40	1.0		
MBO	68.68	58	iPc	35	17.10	0.6			Z 20s	0.39um	4.7Msz	EHOR	91.75	46	eP	37	19.80	0.5		
VVO	69.53	339	ePc	35	20.70	-0.7	DAU	79.82	330	iPc	36	21.17	0.4	BCAO	91.98	86	iPc	37	21.80	0.8
ELC	69.60	345	iPc	35	20.93	-0.8				pP	36	36.54	54km		0.8s	112.00nm		6.3mb		
MEO	69.97	336	iPd	35	22.90	-1.2	BCH	79.99	321	eP	36	22.33	0.8			ic	37	36.70	51km	
WMOK	69.99	336	ePc	35	23.13	-1.1				e	36	32.32	32kmX			id	38	21.00		
	1.1s	61.28nm			5.4mb		RSSD	80.19	337	ePc	36	23.15	0.6			ic	40	33.30		
Z	21s	0.33um			4.6Msz			0.8s	67.56nm		5.6mb	ELUO	92.21	47	eP	37	22.10	0.6		
		PcP	35	46.53			Z	19s	0.12um		4.2Msz	EGUA	92.22	48	eP	37	19.90	-1.6		
FNO	69.99	337	iPc	35	23.80	-0.4	DUG	80.32	329	ePc	36	23.73	0.5	ECOG	92.48	48	eP	37	23.00	0.2
TUL	70.08	339	iPc	35	23.90	-0.8		1.0s	30.00nm		5.2mb	EPLA	92.63	44	eP	37	24.00	0.6		
	0.8s	171.80nm			6.0mb	PHAM	80.65	321	eP	36	25.54	0.6	EBAN	92.88	47	iPd	37	25.00	0.5	
LNO	70.08	339	iPc	35	23.70	-0.9	TNP	80.71	325	iPc	36	26.15	0.7	ENIJ	93.17	48	eP	37	25.50	-0.4
LNO2	70.08	339	iPc	35	23.90	-0.7		0.9s	34.37nm		5.3mb	EHUE	93.42	48	eP	37	26.80	-0.3		
LNO3	70.08	339	eP	35	23.90	-0.8	MTUM	80.83	324	ePc	36	26.86	0.8	TOL	93.75	45	iPc	37	26.60	-1.9
SIO	70.09	338	ePc	35	24.30	-0.5	PR1	81.02	321	iPc	36	28.29	1.3	EVIA	93.97	47	eP	37	29.90	0.3
OCO	70.26	337	iPd	35	24.80	-1.1	BW06	81.08	332	iPc	36	27.00	-0.3	ECHE	95.49	47	iPc	37	37.20	0.6
FVM	70.55	344	iPc	35	26.79	-0.8		1.5s	55.30nm		5.3mb	ETOR	95.53	45	eP	37	37.30	0.5		
	0.8s	191.82nm			6.1mb	FRI	81.15	323	eP	36	27.05	-0.4	HON	97.96	290	P	38	00.00	12.0X	
		pP	35	41.75	53km	BONR	81.16	324	eP	36	28.39	0.5	Z	20s	0.36um		4.9Msz			
CCM	70.82	343	ePc	35	28.93	-0.2	MEMM	81.26	324	eP	36	28.81	0.8	EPF	98.26	45	eP	37	49.90	0.9
LVNJ	71.12	357	eP	35	30.81	0.0	MMPM	81.27	323	eP	36	28.79	0.3		0.6s	7.50nm		5.4mb		
GMTN	71.17	358	iP	35	31.40	0.3	BLF	81.47	119	iPc	36	29.20	-0.5	YKA	99.07	341	eP	37	51.00	-1.1
PNJ	71.19	358	iP	35	32.00	0.7		0.8s	118.75nm		5.9mb		0.8s	6.30nm			5.2mb			
		i	35	39.30		LLA	81.52	322	iPc	36	30.73	1.3	LFF	99.57	43	eP	37	55.40	0.6	
		pP	35	47.50	56km	PRS	81.54	321	iPc	36	30.67	1.1		0.8s	29.40nm		5.9mb			
TBR	71.43	358	ePc	35	32.94	0.2	HVU													

17d 04h

0.5s 8.00nm
 MNK 119.06 42 ePKP 42 59.00 -1.2
 KAF 119.98 33 iPKP 43 00.40 -1.3
 0.5s 115.00nm
 SDF 120.72 26 iPKP 43 02.00 -1.0
 ASPA 120.93 207 iPKPd 43 02.80 -2.0
 Z 22s 0.30um 4.9msz
 i 43 35.20
 KEV 121.16 24 ePKP 43 16.00 12.3X
 WB2 124.08 209 iPKPc 43 09.30 -1.6
 0.6s 18.00nm
 i 43 42.00
 WRA 124.09 209 PKP 43 08.60 -2.3
 0.5s 8.60nm
 OBN 124.45 42 ePKP 43 09.00 -1.5
 1.0s 49.00nm
 Z 24s 0.60um 5.2mszX
 E 22s 0.30um
 e 43 33.00
 e 43 50.00
 ARU 136.68 39 iPKPc 43 33.70 -0.1
 Z 22s 0.50um 5.2msz
 TIK 137.48 351 ePKP 43 34.00 -0.9
 1.0s 19.00nm
 SVE 137.65 37 ePKPd 43 33.50 -2.2
 MAIO 138.80 68 ePKP 43 38.00 -0.6
 NRI 139.38 11 iPKPc 43 37.80 -0.6
 BRVK 144.17 40 iPKPc 43 45.20 -2.1
 1.2s 128.00nm
 Z 20s 0.38um 5.2msz
 E 20s 0.19um
 KLI 144.55 173 ePKPc 43 46.00 -3.1X
 YAK 145.74 343 iPKPd 43 49.40 -0.3
 0.8s 810.00nm
 i 47 09.00
 GBA 146.52 113 PKP 43 52.30 0.0
 KUSJ 148.92 304 ePKP 43 58.00 2.6
 YSS 149.21 312 (PKP) 43 59.00 3.3X
 HYB 149.50 108 iPKPc 44 01.00 3.9X
 1.0s 100.00nm
 e 44 22.50
 HOIJ 150.10 303 ePKP 44 01.50 4.3X
 ASAJ 150.14 306 ePKP 44 01.40 4.2X
 FRU 150.18 56 iPKPc 44 03.80 6.4X
 2.0s 240.00nm
 e 44 19.00
 e 47 39.00
 ELT 152.04 29 ePKP 44 05.00 5.3X
 2.1s 53.00nm
 BOD 152.49 354 ePKP 43 58.30 -2.0
 0.7s 10.00nm
 NDI 152.50 86 iPKPd 44 03.50 2.3
 IPM 153.10 163 ePKPc 44 08.60 6.1X
 1.0s 81.00nm
 e 44 21.50
 MAT 154.86 292 ePKP 44 03.00 -1.2
 MOY 158.14 13 ePKP 44 09.10 1.2
 CIT 158.32 352 ePKP 44 08.00 -0.2
 MDJ 158.48 316 ePKP 44 08.20 -0.3
 WMO 158.68 46 PKP 44 09.00 0.1
 GKN 158.75 91 PKP 44 08.62 -0.9
 DMN 159.07 92 PKP 44 09.70 -0.4
 KKN 159.26 92 PKP 44 09.74 -0.5
 PKI 159.32 93 PKP 44 09.74 -0.7
 ZAK 159.79 10 ePKP 44 10.00 0.3
 1.0s 11.00nm
 e 44 49.00
 GUN 159.80 92 PKP 44 09.92 -1.1
 GTA 168.51 38 PKPc 44 18.00 -0.1
 sPKP 44 33.00
 BJI 168.83 330 ePKP 44 17.00 -1.0
 Z 20s 0.36um
 ePP 49 18.00
 HHC 169.52 349 ePKP 44 18.60 0.0
 TIA 171.08 311 ePKP 44 19.20 -0.2
 TIY 172.29 338 ePKP 44 20.40 0.5
 Z 30s 0.78um
 PKPab 45 47.00
 PP 49 32.00
 LZH 173.11 36 PKP 44 21.50 1.1
 Z 35s 0.61um
 sPKP 44 36.00
 PKPab 45 47.50
 PP 49 38.50
 eSKKS 56 22.00
 GYA 175.47 155 PKP 44 21.40 0.0
 PKPab 45 57.80

PP 49 52.00
 CD2 175.62 85 ePKP 44 21.00 -0.2
 PKPab 46 00.20
 ePP 49 49.00
 XAN 176.56 359 PKP 44 21.00 -0.3
 S.D. = 1.0 on 268 of 294 obs.
 & NOV 17, 1992 04h 24m 18.46s
 46.762 N 121.519 W
 DEPTH = 5.3km
 WASHINGTON (29)
 <SEA>. MD 2.5 (SEA).
 WPW 0.06 197 P 24 19.91 -0.3
 RCS 0.18 307 Pc 24 22.14 -0.2
 S 24 24.62
 LON 0.20 267 iPc 24 22.21 -0.4
 S 24 25.21
 FMW 0.20 329 Pc 24 22.51 -0.2
 S 24 25.60
 GLK 0.21 197 Pd 24 22.64 -0.1
 REMR 0.23 285 Pc 24 23.01 -0.2
 S 24 26.28
 RVC 0.36 301 Pc 24 25.30 -0.4
 S 24 30.56
 NAC 0.48 93 P 24 27.14 -0.9
 S 24 34.77
 GSM 0.48 337 Pd 24 27.56 -0.6
 S 24 34.57
 LMW 0.54 260 Pc 24 28.92 -0.4
 S 24 36.89
 KOSW 0.55 237 P 24 28.98 -0.5
 S 24 36.85
 TWW 0.58 49 P 24 29.65 -0.5
 GHW 0.59 299 P 24 29.54 -0.7
 ASR 0.61 185 P 24 29.71 -1.0
 TDL 0.63 230 P 24 30.13 -1.0
 S 24 39.43
 EBG 0.67 77 Pc 24 31.30 -0.6
 S 24 30.81
 SOSW 0.68 219 Pc 24 30.81 -1.2
 ESD 0.71 218 P 24 34.65 1.9
 STD 0.71 223 P 24 31.64 -1.1
 YAKW 0.72 109 P 24 32.19 -0.7
 ERK 0.73 232 P 24 31.71 -1.3
 RMW 0.73 344 eP 24 31.66 -1.3
 S 24 40.13
 CDFW 0.74 210 P 24 31.97 -1.3
 HSR 0.75 218 P 24 32.10 -1.3
 TBM 0.75 57 P 24 34.65 1.0
 CZM 0.75 245 P 24 32.45 -1.2
 JLK 0.75 216 P 24 32.11 -1.5
 SHW 0.75 221 eP 24 32.17 -1.5
 S 24 42.81
 MXC 0.86 102 P 24 34.63 -0.9
 MTMW 0.88 213 P 24 37.62 1.8
 HTW 1.06 351 P 24 37.13 -1.7
 BRVW 1.09 104 P 24 38.64 -0.8
 BVW 1.13 87 P 24 39.27 -0.8
 GMW 1.17 313 eP 24 39.11 -1.7
 ETW 1.17 43 Pd 24 39.44 -1.4
 BMW 1.21 257 eP 24 39.69 -1.8
 S 24 56.58
 MDW 1.22 96 Pc 24 40.81 -0.8
 WAH2 1.35 89 P 24 42.92 -0.8
 VGB 1.35 157 eP 24 43.01 -0.8
 HDW 1.37 311 P 24 46.53 2.2
 RSW 1.38 105 P 24 46.53 2.1
 DPW 2.51 63 eP 24 59.11 -1.6
 NEW 3.34 62 (Pn) 25 11.50 -0.9
 43 obs. associated
 & NOV 17, 1992 04h 44m 34.54s
 46.762 N 121.507 W
 DEPTH = 5.0km
 WASHINGTON (29)
 <SEA>. MD 2.6 (SEA).
 WPW 0.07 203 P 44 36.07 -0.3
 RCS 0.19 305 Pc 44 38.27 -0.3
 S 44 40.89
 FMW 0.20 326 P 44 41.45 2.7
 LON 0.21 267 iPc 44 38.40 -0.4
 GLK 0.21 199 P 44 41.45 2.6
 REMR 0.24 284 P 44 41.45 2.0
 RVC 0.37 300 P 44 44.42 2.5
 NAC 0.47 93 P 44 45.91 2.0
 GSM 0.48 336 P 44 45.91 1.7

LMW 0.55 260 P 44 47.39 1.9
 KOSW 0.56 238 P 44 47.39 1.7
 TWW 0.58 49 P 44 45.77 -0.3
 GHW 0.59 298 P 44 45.42 -1.0
 ASR 0.61 186 P 44 45.80 -1.1
 TDL 0.64 230 P 44 46.32 -1.0
 EBG 0.66 77 P 44 50.36 2.6
 SOSW 0.68 220 P 44 48.88 0.7
 YAKW 0.72 109 P 44 50.36 1.5
 ESD 0.72 218 P 44 51.85 2.9
 STD 0.72 224 P 44 50.36 1.4
 RMW 0.73 344 eP 44 47.84 -1.2
 eS 44 57.03
 ERK 0.73 232 P 44 50.36 1.1
 TBM 0.74 56 P 44 51.85 2.4
 CDFW 0.75 210 P 44 50.36 0.9
 JLK 0.76 216 P 44 50.36 0.5
 SHW 0.76 222 eP 44 48.34 -1.6
 CZM 0.76 245 P 44 48.72 -1.1
 S 44 59.52
 MXC 0.86 102 P 44 53.33 1.8
 MTMW 0.88 214 P 44 53.33 1.3
 LVP 0.93 222 P 44 54.82 1.9
 HTW 1.06 350 P 44 56.30 1.3
 BRVW 1.08 104 P 44 54.71 -0.7
 BVW 1.12 87 P 44 57.79 1.8
 ETW 1.16 43 P 44 57.79 0.9
 GMW 1.17 312 eP 44 55.18 -1.8
 MDW 1.21 96 P 44 59.27 1.7
 BMW 1.22 257 eP 44 56.18 -1.6
 S 45 12.26
 WAH2 1.34 90 P 44 59.06 -0.6
 VGB 1.35 158 eP 44 58.87 -1.0
 EPH 1.43 65 P 45 00.59 -0.7
 NLW 1.54 31 P 45 01.96 -0.8
 BLN 1.59 322 P 45 02.21 -1.3
 DPW 2.51 63 eP 45 15.20 -1.5
 NEW 3.33 62 (Pn) 45 32.00 3.6
 44 obs. associated
 NOV 17, 1992 06h 46m 39.92±0.11s
 5.822 S ± 2.6km 130.616 E ± 3.7km
 DEPTH = 33.0km (normal)
 5.9mb (84 obs.)
 BANDA SEA (280)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 38S, 77C
 Centroid Location:
 Origin Time 06:46:50.1 0.3
 Lat 5.68S 0.02 Lon 130.72E 0.02
 Dep 92.4 1.2 Half-duration 1.8
 Moment Tensor: Scale 10**17 Nm
 Mrr= 3.14 0.10 Mtt=-6.43 0.16
 Mff= 3.29 0.22 Mrt= 0.20 0.11
 Mrf= 2.99 0.10 Mtf=-1.07 0.13
 Principal Axes:
 T Val= 6.24 Plg=44 Azm=266
 N 0.34 46 79
 P -6.58 3 173
 Best Double Couple: Mo=6.4*10**17
 NP1: Strike=300 Dip=58 Slip= 148
 NP2: 48 63 36
 AAI 3.21 311 iPc 47 39.00 9.8X
 eS 48 19.00
 MTN 7.00 176 iPd 48 24.70 1.9
 MNI 9.24 321 eP 48 51.50 -2.5
 KNA 10.03 190 iPd 49 05.30 0.4
 eS 50 52.00
 MKS 11.11 273 iPc 49 28.00 9.2X
 MNDI 12.98 92 eP 49 45.00 0.1
 DAV 13.78 339 eP 49 59.00 3.7X
 WRA 14.50 166 P 50 01.20 -3.5X
 0.7s 197.50nm 5.7mb
 WB2 14.50 166 iPc 50 01.00 -3.8X
 eS 52 20.20
 BIP 14.62 343 eP 50 07.00 0.7
 CGP 15.36 337 ePd 50 19.00 3.0
 TSM 16.21 308 ePd 50 31.80 4.8X
 1.9s 2644.40nm 6.0mb
 PMG 16.78 103 eP 50 35.50 1.4
 FINC 17.16 94 eP 50 55.50 16.6X
 PLP 17.78 342 ePc 50 50.50 3.8X
 ASPA 18.02 170 iPd 50 47.50 -2.2
 0.7s 3566.10nm 6.6mb
 Z 23s 12.10um 4.2msz

			i	50	50.50				1.2s	120.00nm		5.6mb			1.5s	540.00nm		6.4mb
MBL	18.48	213	eS	53	51.80			N	10s	0.40um			Z	26s	1.80um		4.9MszX	
			eP	50	53.00	-2.3		E	10s	0.90um				N	10s	0.70um		
			eS	54	10.00					eScS	04	00.00			sP	55	40.00	
PPR	19.50	323	ePd	51	10.00	2.5	KUMJ	38.14	0 P	53	58.30	0.4			PP	57	21.00	
WARB	20.60	190	eP	51	20.00	1.0	DZM	38.20	119 iPc	53	59.40	0.7			iS	02	16.00	
CTA	20.79	134	iPd-	51	22.00	1.1	BDT	38.74	307 iPc	54	03.00	-0.1			ScS	05	05.50	
			iS	55	06.00			1.0s	407.10nm			6.2mb			SS	05	45.00	
RAB	21.53	87	iPd	51	30.30	1.9	NJ2	39.30	344 Pd	54	09.00	1.5	HOOJ	49.34	12 eP	55	29.50	1.5
	0.8s							1.2s	140.00nm			5.6mb	CN2	49.61	355 eP	55	29.40	-0.7
			eS	55	22.00				iS	00	00.00			1.0s	63.00nm			5.6mb
TGY	22.00	334	ePc	51	31.00	-2.2	WHN	39.37	338 Pc	54	10.00	1.8	Z	20s	1.51um			5.0Msz
NANU	22.12	220	iPc	51	35.60	1.3		1.0s	240.00nm			5.9mb	N	12s	0.55um			
	0.4s						Z	24s	2.03um			4.9MszX	E	12s	0.80um			
			eS	55	40.00				iS	00	02.00				PcP	56	51.50	
QVP	22.44	335	ePc	51	42.50	5.0X	GYA	39.61	325 iPc	54	11.00	0.6			eS	02	28.00	
MEEK	23.65	208	eP	51	49.50	0.1		1.0s	150.00nm			5.7mb			eSS	05	57.00	
	0.3s						Z	22s	1.69um			4.8Msz	HHC	49.63	341 Pc	55	30.80	0.4
			eS	56	03.00		N	12s	2.20um				E	10s	1.2s	160.00nm		5.9mb
GUA	23.91	36	e(P)	51	53.70	1.9		E	12s	0.99um			Z	22s	1.29um			4.9Msz
	0.7s								ScP	59	57.40			E	10s	0.41um		
GUMO	23.92	36	e(P)	51	50.90	-1.0			S	00	04.00				S	02	32.00	
GUMO	23.92	36	e(P)	51	52.90	1.0	CHG	39.67	309 iPc	54	12.00	1.1	BTO	49.92	340 eP	55	32.00	-0.7
	0.8s						1.0s	257.50nm				5.9mb	1.0s	37.00nm				5.4mb
			eS	56	01.60				eS	00	04.40			N	12s	0.46um		
QLP	24.39	149	iPc	51	57.50	1.0	TKSJ	39.72	4 eP	54	12.10	1.1		E	11s	0.50um		
			eS	56	25.00		SHNJ	39.73	1 eP	54	11.50	0.4			esP	55	43.00	
CVP	24.94	340	ePc	52	03.20	1.4	SHNJ	39.73	1 eP	54	11.70	0.6	MDJ	50.22	359 Pd	55	35.00	0.3
KLI	25.66	271	eP	52	09.00	0.3	WKYJ	40.10	6 eP	54	16.10	1.8		1.1s	87.00nm			5.7mb
			e	52	57.00		YONJ	40.88	4 P	54	21.60	1.0	Z	20s	1.23um			4.9Msz
COOL	26.47	199	eP	52	16.20	0.2	KMI	41.00	320 Pc	54	24.00	2.0	E	16s	0.75um			
	0.4s						1.5s	220.00nm				5.7mb			S	02	39.80	
			eS	57	20.00		N	13s	0.70um						SS	06	11.00	
RMQ	26.87	142	iPd	52	19.90	0.2		E	12s	0.60um			KUSJ	50.34	13 eP	55	35.20	-0.5
	0.8s								PcP	56	20.00		ASAJ	50.88	11 eP	55	38.80	-0.9
			i	52	26.10				S	00	26.50		QRZ	51.14	139 P	55	42.70	0.9
MRWA	27.06	209	iPd	52	22.00	0.6	TSRJ	41.45	7 P	54	25.60	0.4	LSA	51.79	315 iPc	55	48.60	1.1
	0.3s						CHJJ	42.39	10 P	54	32.10	-0.8	WLZ	51.79	135 P	55	47.50	0.7
			e	52	40.50		MTMJ	42.72	9 P	54	35.40	-0.3			e	56	15.10	
STK	27.89	160	eP	52	31.20	2.3	MAT	42.74	9 (P)	54	35.00	-0.8	THZ	51.87	140 eP	55	47.40	0.0
	0.8s						1.0s	72.00nm				5.4mb			e	56	28.70	
							Z	20s	1.77um			5.0Msz	TUZ	52.30	146 eP	55	50.10	-0.4
			ipP	52	54.00	104kmX			eS	00	39.00		KHZ	52.61	141 eP	55	52.40	-0.5
			eS	57	42.20		KAKJ	42.76	11 P	54	35.30	-0.6			e	56	18.10	
BAL	27.91	206	eP	52	30.00	0.9	NIJJ	43.55	10 P	54	42.60	0.3	MNG	52.98	138 eP	55	54.30	-1.4
	0.4s						TIA	43.69	344 Pd	54	43.80	0.3			e	56	23.50	
			eS	57	50.00			1.6s	130.00nm			5.5mb	GTA	53.25	330 iPc	55	57.60	-0.2
KLB	28.32	204	iPc	52	33.10	0.3	YAMJ	44.64	11 eP	54	53.10	1.9	1.0s	280.00nm				6.2mb
	0.5s						XAN	44.64	334 iPc	54	51.00	-0.3	Z	25s	1.84um			5.0MszX
			eS	58	02.00			1.0s	230.00nm			6.0mb	E	12s	0.37um			
SVO	29.13	98	P	52	45.00	4.7X		Z	38s	2.73um		4.9MszX			PP	58	00.00	
CMS	29.24	153	eP	52	40.50	-0.6		N	12s	0.52um					ScP	00	54.40	
	1.0s						E	12s	0.51um						S	03	19.00	
			e	53	08.50				PcS	00	26.00		PGZ	53.51	137 eP	55	57.70	-1.8
HNR	29.28	99	P	52	41.00	-0.7			sS	01	40.00		HBZ	53.61	133 eP	56	00.20	-0.1
ADE	29.95	167	iPd	52	47.90	0.4			ScS	04	40.00		MCQ	53.66	160 eP	56	00.50	0.1
IPM	31.30	289	eP	53	01.00	1.4	CD2	44.65	326 iPc	54	50.60	-0.9	YSS	53.69	10 eP	55	59.50	-1.2
	1.4s						1.0s	200.00nm				5.9mb		0.5s	30.00nm			5.6mb
QIZ	32.07	321	P	53	07.00	0.8	Z	32s	1.97um			4.8MszX	Z	18s	1.00um			4.9Msz
	1.2s						N	14s	1.69um				N	18s	1.00um			
			iS	58	11.00				ScS	04	40.00				e	57	03.00	
HKC	32.26	331	iP	53	08.60	0.8	DL2	45.27	350 P	54	56.80	0.6			eS	03	26.00	
SNG	32.60	293	eP	53	11.50	0.6	1.2s	220.00nm				5.9mb	NOZ	53.84	134 eP	56	01.50	-0.5
	1.0s						Z	24s	1.47um			4.8MszX	GUN	54.65	310 Pc	56	07.98	-0.6
			eS	58	12.50		N	12s	2.87um					0.5s	542.00nm			6.9mb
QZH	32.74	340	eP	53	12.50	0.5	E	10s	1.70um				PKI	54.84	310 Pc	56	09.00	-1.0
			S	58	18.50				S	01	28.00			0.5s	228.00nm			6.5mb
BWA	32.89	152	iPd	53	14.80	1.6	OFUJ	45.83	12 eP	55	00.80	0.2	KKN	55.05	310 Pc	56	10.56	-0.8
			e	53	42.40		TIY	46.51	340 iPd	55	06.50	0.4		0.5s	331.00nm			6.6mb
			i	54	03.70			0.6s	100.00nm			6.0mb	DMN	55.09	309 Pc	56	11.04	-0.7
			i	54	22.80		Z	34s	1.72um			4.8MszX		0.4s	364.00nm			6.7mb
GZH	33.32	330	Pd	53	20.00	3.0	E	15s	0.66um				GKN	55.65	310 Pc	56	14.90	-0.7
	Z 22s								S	01	45.50		GBA	56.21	291 P	56	18.30	-1.2
	N 13s												HYB	56.36	295 ePc	56	18.50	-2.2
													1.0s	280.00nm			6.2mb	
CAN	33.89	152	iPd	53	22.50	0.5	BJI	47.54	345 eP	55	14.00	-0.1			eS	03	58.00	
			ipP	53	27.00	15kmX	1.0s	200.00nm				6.1mb	CIT	59.41	348 eP	56	42.00	0.4
			e	53	48.60		Z	22s	0.92um			4.7Msz	ZAK	60.76	340 iPc	56	50.60	-0.1
			ipP	54	30.20		N	13s	0.42um					2.0s	220.00nm			5.9mb
CNB	34.06	152	eP	53	23.70	0.3			eS	55	32.00		Z	15s	0.88um			5.0MszX
	0.9s								eScS	04	58.00		E	14s	0.96um			
TOO	34.39	159	iPd	53	27.00	0.8	SNY	47.85	353 Pd	55	16.60	0.1			eS	05	00.00	
			ePP	54	23.00		1.4s	190.00nm				5.9mb	POO	60.95	295 iPc	56	45.20	-7.5X
KAGJ	36.80	0 P		53	46.90	0.3	Z	22s	1.94um			5.0Msz			iS	04	52.00	
NST	36.98	306	eP	53	53.80	5.5X			iS	02	05.00		DRV	61.09	176 iP	56	53.90	1.2
KHT	37.78	303	iPc	53	56.10	1.0	VUN	48.21	109 iP	55	22.30	2.6			S	05	03.00	
SSE	37.80	347	Pd	53	55.50	0.5	LZH	48.67	331 iPc	55	24.00	0.8	NDI	61.76	307 ePc	56	56.00	-2.0

		0.4s		1.20nm				
WDC		106.55	50	PKP	05	10.00	6.5X	
	Z	21s		0.81um			5.3MsZ	
CMB		108.52	52	PKP	05	20.00	12.6X	
	Z	20s		0.53um			5.1MsZ	
KSP		109.74	322	ePKPd	05	09.60	0.4	
ISA		110.34	54	PKP	05	20.00	9.1X	
	Z	18s		0.67um			5.2MsZ	
PRU		111.05	322	ePKP	05	11.30	-0.4	
				e	05	37.00		
				e	06	04.00		
BRG		111.16	323	iPKP	05	11.80	-0.1	
		1.4s		24.00nm				
				e	05	46.60		
PTJ		111.22	317	ePKP	05	10.60	-1.7	
CLL		111.59	323	iPKP	05	12.70	0.1	
		1.4s		21.00nm				
PEC		111.65	56	ePKP	05	13.96	0.5	
GSC		111.74	54	ePKP	05	13.81	0.2	
VBY		111.80	317	iPKPd	05	12.80	-0.4	
KHC		111.90	321	PKP	05	13.00	-0.4	
		1.2s		10.00nm				
				e	05	28.00		
				e	06	11.50		
GEC2		111.91	321	e(PKP)	05	12.50	-1.0	
		0.4s		4.10nm				
SES		112.32	38	ePKP	05	13.00	-1.2	
BCAO		112.37	272	iPd iff	01	18.30	-0.8	
		1.3s		16.00nm				
				ic	01	46.30		
BCAO		112.37	272	iPKPc	05	14.10	-1.2	
		1.3s		64.00nm				
				id	05	53.90		
KBA		112.65	319	iPKPc	05	13.40	-1.7	
		0.8s		9.40nm				
LRM		112.78	43	ePKP	05	15.50	0.0	
GRF		113.19	322	ePKPd	05	15.80	0.0	
	Z	20s		0.50um			5.1MsZ	
HVU		113.59	47	ePKP	05	17.52	0.4	
PTI		113.61	46	ePKP	05	17.56	0.5	
WTTA		113.71	319	iPKPc	05	15.80	-1.4	
		0.4s		26.80nm				
WATA		113.73	319	iPKPc	05	15.50	-1.7	
ARUT		113.97	51	(PKP)	05	18.70	0.7	
SQTA		114.00	319	iPKPc	05	16.70	-1.0	
		0.6s		12.80nm				
MSU		114.80	50	ePKP	05	19.38	-0.2	
DAU		115.04	48	ePKP	05	20.15	0.0	
EMUT		115.51	49	ePKP	05	20.73	-0.2	
SRU		115.91	49	ePKP	05	20.95	-0.7	
CDF		116.07	322	ePKP	05	20.80	-0.7	
		0.5s		3.80nm				
BSF		116.59	321	ePKP	05	21.20	-1.3	
		0.7s		14.65nm				
ORX		116.63	319	PKP	05	21.62	-1.1	
HAU		116.80	322	ePKP	05	21.90	-0.9	
		0.7s		15.30nm				
	Z	23s		0.25um			4.8MsZ	
PGF		116.96	315	ePKP	05	22.30	-1.1	
FCC		117.04	24	ePKP	05	24.50	1.7	
ROB		117.17	317	PKP	05	22.26	-1.4	
TUC		117.19	57	ePKP	05	23.87	-0.3	
	Z	19s		0.52um			5.2MsZ	
PV10		117.22	50	ePKP	05	25.00	0.7	
LSD		117.24	319	PKP	05	23.22	-0.8	
RSP		117						

17d 07h

HVU 81.53 330 eP 26 32.18 0.0
 eP 26 46.51 50km
 ULM 83.38 344 ePd 26 44.10 2.7
 ORV 83.92 323 eP 26 45.20 0.8
 eP 26 59.24 48km
 LRM 84.70 333 ePc 26 49.10 0.6
 LGPM 85.61 324 ePc 26 53.47 0.5
 eP 27 08.63 53km
 SES 87.97 336 eP 27 04.00 -0.1
 pP 27 20.00 56km
 VGB 88.04 328 eP 27 05.81 1.2
 eP 27 21.14 53km
 NEW 88.56 331 eP 27 06.00 -1.0
 1.4s 8.70nm 4.8mb
 BCAA 92.12 86 iPc 27 24.00 -0.3
 1.2s 28.00nm 5.6mb
 ic 27 39.00 51km
 ic 27 44.00
 ic 28 31.60
 WB2 124.00 209 ePKP 33 11.40 -2.1
 0.6s 2.10nm
 i 33 27.70
 WRA 124.01 209 PKP 33 11.90 -1.6
 0.4s 0.80nm
 YAK 145.70 342 ePKP 33 48.00 -4.3X
 0.8s 50.00nm
 GBA 146.65 114 PKP 33 56.20 1.0
 S.D. = 1.3 on 76 of 79 obs.

NOV 17, 1992 07h 58m 36.75 ± 0.82s
 18.256 N ± 8.6km 100.611 W ± 7.0km
 DEPTH = 82.3 ± 7.5 km
 4.4mb (10 obs.)
 GUERRERO, MEXICO (59)

III 1.09 84 iP 58 58.50 1.0
 iS 59 18.00
 MRX 1.54 339 iP 59 02.50 -0.6
 ACX 1.55 152 iP 59 01.00 -2.3
 iS 59 21.00
 UNM 1.72 51 iP 59 07.50 1.7
 (S) 59 29.00
 PPM 2.05 66 iP 59 12.50 2.1
 (S) 59 39.00
 IIT 2.31 70 iP 59 15.75 1.9
 (S) 59 42.00
 CGX 3.06 299 (P) 59 22.00 -2.0
 (S) 59 56.00
 IISM 3.15 76 eP 59 27.50 2.4X
 OXX 3.89 107 eP 59 38.00 2.5X
 AGX 3.94 336 iP 59 39.00 3.0X
 SCX 7.76 100 (P) 00 49.00 19.9X
 WMOK 16.50 5 eP 02 23.04 -1.4
 0.7s 10.71nm 4.1mb
 MEO 16.56 6 iPc 02 23.80 -1.4
 TUC 16.73 329 eP 02 27.83 0.4
 0.8s 8.54nm 4.0mb
 UYO 16.77 18 iPd 02 26.50 -1.3
 MIAR 17.39 20 eP 02 34.47 -1.1
 1.0s 15.05nm 4.2mb
 ALQ 17.41 344 ePc 02 37.74 1.7
 1.0s 28.36nm 4.5mb
 OCO 17.42 9 iPc 02 35.70 -0.2
 VVO 17.56 13 eP 02 37.70 0.2
 SIO 17.83 11 eP 02 40.90 -0.1
 TUL 18.10 13 iPc 02 43.60 -0.5
 0.6s 38.10nm 4.8mb
 LNO 18.10 13 iPc 02 43.40 -0.7
 LNO2 18.10 13 ePc 02 43.50 -0.6
 LNO3 18.10 13 eP 02 43.50 -0.7
 ACO 18.42 4 iPd 02 47.40 -0.7
 OLY 19.00 23 eP 02 52.97 -1.7
 GLA 19.49 322 eP 02 59.57 -0.4
 PLM 20.93 319 eP 03 16.20 1.2
 PV10 21.35 342 eP 03 19.00 -0.3
 ELC 21.43 26 eP 03 19.48 -0.2
 FVM 21.58 22 eP 03 20.33 -0.9
 0.6s 42.47nm 5.0mb
 GOL 21.76 350 eP 03 22.91 -0.4
 0.8s 19.20nm 4.5mb
 ARUT 22.47 333 eP 03 31.93 1.8
 SRU 22.50 340 ePc 03 31.30 0.9
 MSU 22.56 336 eP 03 32.43 1.3
 PRM 22.67 42 eP 03 31.03 -0.9
 EMUT 23.23 340 eP 03 39.45 1.8
 DAU 23.91 340 eP 03 45.31 1.0
 LHS 23.93 44 (P) 03 41.57 -2.5

BONR 24.99 325 eP 03 55.18 0.5
 HVU 25.65 339 eP 04 02.48 1.9
 RSSD 25.95 354 eP 04 03.99 0.6
 0.8s 4.91nm 4.1mb
 JFWS 26.11 17 eP 04 04.18 -0.4
 0.6s 24.76nm 4.9mb
 LRM 29.19 343 eP 04 33.00 0.2
 ULM 32.14 6 eP 04 59.50 1.1
 EEO 33.42 27 ePc 05 10.90 1.4
 JAO 40.36 23 eP 06 07.00 -0.8
 YKA 45.26 351 eP 06 46.50 -0.9
 0.9s 1.70nm 3.9mb
 MBC 58.82 355 eP 08 28.00 -0.5
 PDCR 67.93 112 (P) 09 30.00 0.8
 VUN 87.31 250 iP 11 11.10 -4.9X
 MTN 129.99 268 ePKP 17 47.00 7.6X
 0.4s 46.00nm
 KNA 132.82 265 iPKPd 18 00.00 15.3X
 0.4s 40.00nm
 WARB 135.74 251 iPKPd 18 06.40 16.3X
 NANU 145.91 257 ePKP 18 18.50 10.3X
 0.4s 39.00nm
 S.D. = 1.3 on 46 of 55 obs.

& NOV 17, 1992 08h 01m 03.71s
 59.856 N 152.499 W
 DEPTH = 90.4km
 SOUTHERN ALASKA (2)
 <AEIC>

ILIM 0.32 314 iPd 01 16.64 -0.9
 eS 01 28.34
 INE 0.35 306 ePd 01 16.85 -1.0
 INW 0.38 304 ePd 01 17.32 -0.7
 eS 01 28.38
 OPT 0.42 241 ePd 01 17.52 -0.7
 eS 01 27.53
 HOM 0.48 114 ePd 01 17.87 -0.6
 XLV 0.56 135 eP 01 18.56 -0.7
 RS1 0.62 348 iPc 01 19.32 -0.7
 eS 01 31.32
 REF 0.64 351 iPc 01 19.48 -0.7
 eS 01 31.72
 AUE 0.67 222 ePd 01 19.47 -0.7
 AUL 0.67 225 ePc 01 19.72 -0.5
 RDN 0.67 349 ePc 01 19.70 -0.7
 AUP 0.68 224 ePd 01 19.76 -0.7
 eS 01 32.62
 AUH 0.69 225 ePd 01 19.58 -0.9
 AUW 0.69 226 iPd 01 19.79 -0.6
 AUI 0.70 222 ePd 01 19.70 -0.8
 eS 01 31.62
 CNPM 0.72 117 ePc 01 19.71 -1.0
 eS 01 32.17
 NCT 0.74 343 iPc 01 20.16 -0.9
 eS 01 33.08
 DFR 0.74 353 iPc 01 20.31 -0.7
 eS 01 33.37
 BRK 0.82 96 eP 01 21.21 -0.6
 eS 01 34.08
 PDB 0.86 266 iPd 01 21.16 -1.0
 eS 01 34.75
 NKA 1.09 35 iPc 01 25.68 1.0
 CDD 1.10 213 iPd 01 23.73 -1.2
 eS 01 39.49
 MCNL 1.15 235 ePd 01 24.22 -1.3
 eS 01 40.10
 SYI 1.25 177 ePc 01 25.82 -0.9
 SLKM 1.31 59 eP 01 25.93 -1.6
 CKL 1.35 3 iPc 01 27.37 -0.7
 SPU 1.35 9 iPc 01 27.33 -0.7
 eS 01 45.53
 CKT 1.36 6 iPc 01 27.41 -0.7
 CKN 1.38 6 ePc 01 27.94 -0.5
 BGL 1.41 2 ePc 01 28.05 -0.8
 CP2 1.42 5 iPc 01 28.57 -0.5
 CRP 1.43 7 ePc 01 27.89 -1.2
 CGLM 1.48 9 ePc 01 29.12 -0.6
 SEW 1.55 79 ePc 01 29.22 -1.3
 NCG 1.56 6 iPc 01 30.25 -0.5
 MPA 1.69 67 eP 01 30.98 -1.4
 SUA 1.83 27 ePc 01 33.71 -0.6
 SVW 1.99 310 ePc 01 34.72 -1.7
 PTE 2.00 58 ePd 01 35.25 -1.2
 PMS 2.01 45 eP 01 35.82 -0.8
 SKT 2.18 12 ePc 01 37.88 -1.1
 LTI 2.34 83 eP 01 39.22 -1.9

PLRM 2.40 42 eP 01 40.58 -1.3
 PMR 2.40 42 eP 01 40.02 -1.8
 KNIM 2.44 76 eP 01 40.00 -2.4
 MTU 2.44 85 eP 01 40.57 -1.9
 KNK 2.53 50 eP 01 41.93 -1.7
 GHO 2.60 41 eP 01 43.58 -1.1
 SML 2.83 44 eP 01 46.13 -1.6
 GLI 2.87 67 eP 01 45.85 -2.5
 HIN 3.05 77 eP 01 48.19 -2.6
 FID 3.13 71 eP 01 48.74 -3.1
 KLU 3.63 60 eP 01 56.44 -2.4
 BALM 5.17 72 eP 02 17.77 -2.4
 FBA 5.51 21 eP 02 22.29 -2.6
 55 obs. associated

* NOV 17, 1992 08h 10m 00.79 ± 1.00s
 18.129 S ± 8.3km 178.957 W ± 10.3km
 DEPTH = 643.4 ± 16.7 km
 4.9mb (17 obs.)

FIJI ISLANDS REGION (181)

AFI 8.08 60 P 12 04.00 1.3
 DZM 14.26 252 iPd 12 59.00 -2.3
 iS 15 31.00
 WCZ 18.71 197 P 13 46.40 3.8X
 KUZ 19.13 193 P 13 48.40 1.9
 WLZ 20.24 193 P 13 58.40 1.8
 URZ 20.35 189 P 13 55.00 -2.6
 NOZ 20.58 187 P 13 59.00 0.1
 PGZ 22.79 189 eP 14 19.20 -0.2
 MNG 22.92 191 eP 14 18.50 -2.1
 ORZ 23.78 196 P 14 28.70 0.5
 THZ 24.56 195 P 14 35.10 -0.1
 DSZ 24.83 197 P 14 37.60 0.1
 KHZ 25.04 193 P 14 38.20 -1.0
 LTZ 25.68 195 P 14 43.30 -1.6
 LMZ 27.38 199 P 14 59.70 0.2
 BRS 27.60 245 iPc 15 00.00 -1.7
 0.8s 15.00nm 4.7mb
 BWZ 27.94 197 P 15 03.40 -0.9
 ODZ 28.21 196 P 15 06.30 -0.4
 LRCZ 28.58 197 P 15 09.40 -0.7
 MMCZ 28.59 198 P 15 09.50 -0.6
 MHZ 28.60 198 P 15 09.80 -0.3
 SBCZ 28.62 198 P 15 10.00 -0.2
 LSCZ 28.62 197 P 15 10.00 -0.3
 CMCZ 28.68 198 P 15 10.50 -0.3
 TLC 28.78 198 P 15 11.80 0.1
 TUZ 29.32 196 P 15 17.00 0.9
 ARMA 29.38 240 iPd 15 18.00 1.0
 0.9s 169.00nm 5.7mb
 SIZ 30.58 198 P 15 28.70 2.0
 RMO 30.94 249 iPd 15 30.70 0.7
 0.7s 162.00nm 5.8mb
 CAN 33.16 232 iPd 15 49.90 1.4
 eP 16 01.50 4.3kmX
 BWA 33.27 234 iPd 15 48.80 -0.7
 eP 15 57.60 30kmX
 CMS 34.46 241 iPd 16 00.40 1.1
 0.8s 102.00nm 5.5mb
 OLP 34.97 249 iPd 16 03.90 0.4
 LAT 35.07 285 eP 16 04.90 0.5
 TOO 36.63 231 iPd 16 19.10 2.1
 0.7s 177.00nm 5.7mb
 MDG 36.74 286 eP 16 18.80 0.7
 STK 38.07 241 iPd 16 34.50 5.7X
 0.5s 96.20nm 5.6mb
 BFD 38.69 233 iPd 16 35.30 1.6
 0.8s 39.00nm 5.0mb
 WB2 44.07 260 iPc 17 15.50 -0.8
 0.5s 68.90nm 5.4mb
 eS 23 04.10
 WRA 44.08 260 P 17 15.90 -0.4
 0.6s 14.40nm 4.6mb
 ASPA 44.23 254 iPd 17 17.70 0.2
 0.4s 404.40nm 6.2mb X
 iS 23 09.60
 iScS 26 13.40
 COOL 55.39 245 iPd 18 38.80 -0.1
 0.4s 22.00nm 4.8mb
 MBL 57.42 256 eP 18 52.30 -0.5
 MEEK 57.87 250 iPd 18 54.50 -1.3
 0.4s 26.00nm 4.8mb
 KLB 58.26 244 iPd 18 58.80 0.5
 0.3s 21.00nm 4.8mb
 RKG 58.78 240 eP 19 03.00 1.2
 0.7s 18.00nm 4.4mb

BAL 59.22 245 eP 19 05.00 0.3
0.4s 17.00nm 4.6mb
MRWA 59.94 246 eP 19 09.70 0.2
CSY 65.72 205 iPc 19 52.70 7.2X
0.8s 16.30nm 4.5mb
MAT 67.77 324 eP 19 56.00 -2.4
0.7s 6.85nm 4.2mb
FBA 86.14 13 eP 21 35.10 -1.1
0.5s 2.10nm 4.1mb
SES 90.50 36 eP 21 56.00 -0.8
CLL 145.56 347 iPKP 28 30.90 2.3
0.8s 14.00nm
GEC2 147.69 344 iPKP 28 36.80 4.6X
0.6s 1.27nm
e 28 40.60
e 28 48.90
BCAO 158.14 234 iPKPc 29 11.70 24.2X
0.6s 8.00nm
id 29 28.90
S.D. = 1.2 on 50 of 55 obs.

* NOV 17, 1992 08h 17m 57.65±1.57s
27.930 S ±10.6km 66.858 W ±12.1km
DEPTH = 200.6 ± 23.0 km
CATAMARCA PROVINCE, ARGENTINA (130)

CYA 1.07 119 iPd 18 27.00 -1.3
FSA 1.99 23 iP 18 37.00 0.6
RTPR 2.38 173 iPc 18 40.70 0.1
eS 19 10.10
RTLL 3.67 202 iPd 18 56.00 0.1
S 19 40.50
CFA 3.86 198 ePd 18 58.70 0.5
RTC8 3.93 205 eP 19 00.00 0.8
TCA 3.93 150 iP 18 59.10 -0.1
(S) 19 42.00
TLL 4.11 236 iPd 19 01.50 -0.2
RTCV 4.18 200 iPc 19 02.50 0.2
MRA 4.58 168 ePd 19 07.80 0.6
JACH 5.73 213 iP 19 23.20 1.0
FCH 6.14 208 iPd 19 29.23 1.5
PEL 6.16 211 iPd 19 27.66 0.0
ROCH 6.17 214 iPd 19 27.23 -0.8
PCH 6.49 208 iPd 19 32.79 0.8
TACH 6.70 211 iPd 19 34.09 -0.6
CHCH 6.81 208 iPd 19 36.44 0.2
LCCH 6.85 215 iPd 19 35.26 -1.4
CACH 6.95 207 iP 19 38.64 0.5
RFA 6.96 191 ePc 19 37.50 -0.6
(S) 20 52.00
LNV 7.17 212 iPd 19 38.98 -1.8
S.D. = 0.9 on 21 of 21 obs.

? NOV 17, 1992 09h 48m 27.83±2.25s
29.990 S ±18.9km 68.418 W ±21.0km
DEPTH = 120.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTCB 1.53 192 eP 48 55.70 -0.4
CFA 1.62 175 ePc 48 57.00 -0.1
S 49 18.60
RTPR 1.68 181 ePc 48 58.10 0.4
eS 49 19.90
RTCV 1.87 183 eP 49 02.50 2.4
S 49 13.50
CYA 2.76 57 eP 49 11.50 -0.2
S 49 44.00
MRA 3.35 137 ePc 49 19.80 0.4
S 49 50.00
TCA 3.56 113 iPc 49 22.00 -0.4
(S) 49 54.50
RFA 4.77 180 ePc 49 36.70 -2.1
S 50 30.70
S.D. = 1.4 on 8 of 8 obs.

* NOV 17, 1992 10h 04m 16.56±1.50s
38.954 N ±13.3km 28.012 E ±15.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).

DST 0.81 36 iPn 04 33.00 0.7
IZM 0.81 227 ePq 04 32.00 -0.3
eSg 04 43.00
KCT 1.32 12 iPn 04 39.60 -1.4
BNT 1.40 357 ePn 04 42.50 0.4
EZN 1.57 304 ePn 04 45.00 0.5

S.D. = 1.2 on 5 of 5 obs.
? NOV 17, 1992 10h 07m 30.96±1.14s
8.252 S ±23.8km 119.454 E ±38.7km
DEPTH = 197.0 ± 44.6 km
4.4mb (4 obs.)
FLORES REGION, INDONESIA (286)

MKS 3.01 0 iPc 08 21.10 0.0
MBL 12.84 178 eP 10 27.60 0.0
eS 12 40.00
MEEK 18.30 182 iPd 11 32.20 -0.6
0.4s 6.00nm 4.4mb
eS 14 47.00
WB2 18.52 130 iPd 11 34.20 -1.0
0.3s 18.10nm 5.0mb
iS 14 53.00
WARB 19.10 160 iPd 11 42.00 0.9
0.4s 6.00nm 4.5mb
ASPA 20.65 140 iPc 11 57.40 0.6
0.6s 7.50nm 4.4mb
iS 15 35.50
S.D. = 1.1 on 6 of 6 obs.

? NOV 17, 1992 10h 12m 49.15±4.07s
43.261 N ±15.0km 5.528 E ±31.3km
DEPTH = 10.0km (geophysicist)
NEAR SOUTH COAST OF FRANCE (379)
ML 2.7 (STR).

CALN 1.11 63 Pg 13 09.97 0.0
MVIF 1.34 61 Pn 13 13.62 -0.3
Sg 13 33.12
REVF 1.42 70 Pn 13 16.07 1.0
AURF 1.45 64 Pn 13 14.96 -0.5
Sg 13 36.61
TOUF 1.46 58 Pn 13 15.61 -0.1
Sg 13 36.89
SBF 1.51 66 Pn 13 16.02 -0.3
SURF 1.53 37 Pg 13 16.71 -0.1
AUTN 1.56 61 Pn 13 17.54 0.3
Sg 13 39.66
SAOF 1.64 63 Pn 13 17.75 -0.4
PGF 2.65 104 Pn 13 32.56 -0.2
S.D. = 0.5 on 10 of 10 obs.

* NOV 17, 1992 10h 31m 32.05±3.27s
37.225 S ±16.9km 176.475 E ±13.3km
DEPTH = 282.3 ± 29.7 km
NORTH ISLAND, NEW ZEALAND (159)

KUZ 0.77 308 P 32 09.90 0.2
URZ 1.15 154 P 32 10.50 -1.0
S 32 36.20
HBZ 1.50 105 P 32 13.60 -0.1
WHH 1.66 179 P 32 14.70 -0.3
PAHZ 1.69 165 P 32 15.20 0.0
NOZ 1.86 139 P 32 16.50 0.1
MOH 1.98 165 eP 32 17.90 0.5
MAHZ 2.25 151 P 32 20.00 0.3
TTH 2.33 173 eP 32 21.30 0.9
WAHZ 2.47 182 P 32 22.00 0.2
MNG 3.48 193 P 32 32.00 0.0
KIW 3.83 198 P 32 35.90 0.0
MTW 4.00 191 P 32 37.30 -0.5
CAW 4.03 195 P 32 37.80 -0.3
DIW 4.09 208 eP 32 38.90 0.1
MRW 4.23 198 eP 32 40.20 -0.2
eS 33 30.00
MOW 4.30 192 eP 32 41.10 -0.1
TCW 4.33 203 P 32 41.70 0.1
ORZ 4.73 219 eP 32 46.40 0.2
S.D. = 0.4 on 19 of 19 obs.

* NOV 17, 1992 10h 34m 27.49±1.18s
43.852 N ±17.3km 148.406 E ±13.1km
DEPTH = 33.0km (normal)
3.6mb (1 obs.)
EAST OF KURIL ISLANDS (222)

KUSJ 2.79 256 iP+ 35 10.20 -0.6
eS 35 43.00
HOJ 4.03 250 eP 35 29.80 1.5
eS 36 16.60
ASAJ 4.17 276 eP 35 29.00 -1.4
MRRJ 5.55 258 eP 35 50.40 0.5
eS 36 52.90

OFUJ 6.95 229 P 36 09.60 0.0
S 37 27.10
YAMJ 8.49 231 P 36 31.80 0.6
FBA 40.48 36 (P) 42 05.00 0.8
WRA 64.78 195 P 45 03.50 -1.4
0.8s 0.40nm 3.6mb
S.D. = 1.2 on 8 of 8 obs.

NOV 17, 1992 11h 08m 51.98±1.29s
38.255 S ± 6.9km 176.124 E ± 8.3km
DEPTH = 201.7 ± 13.5 km
NORTH ISLAND, NEW ZEALAND (159)

WHH 0.69 155 P 09 19.80 -0.7
URZ 0.78 91 P 09 19.60 -1.2
S 09 37.30
PAHZ 0.95 130 P 09 21.70 -0.2
NGZ 1.01 204 P 09 22.20 -0.2
CNZ 1.05 205 P 09 22.60 0.0
MOH 1.19 138 P 09 23.90 0.4
TTH 1.40 157 P 09 25.90 0.7
WAHZ 1.45 173 Pc 09 26.20 0.4
KUZ 1.54 348 eP 09 26.80 0.4
NOZ 1.55 104 eP 09 27.00 0.5
BSZ 1.80 211 P 09 29.70 0.8
HBZ 1.84 70 eP 09 29.30 0.0
PGZ 2.36 177 P 09 35.10 0.3
MNG 2.41 192 Pc 09 35.60 0.2
S 10 04.70
MTW 2.94 189 Pc 09 41.10 -0.3
CAW 2.96 196 P 09 41.60 -0.1
AMW 3.06 185 P 09 42.70 -0.1
BLW 3.15 189 P 09 43.50 -0.4
MRW 3.17 200 P 09 43.90 -0.2
eS 10 20.40
WEL 3.20 199 eP 09 44.30 -0.2
MOW 3.23 192 P 09 44.40 -0.5X
TCW 3.28 205 P 09 45.50 0.1
KHZ 4.60 205 eP 10 01.70 -0.2
eS 10 51.50
S.D. = 0.5 on 22 of 23 obs.

* NOV 17, 1992 11h 09m 27.13±0.96s
40.849 N ± 6.2km 28.047 E ±16.9km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).

BNT 0.50 191 iPg 09 37.50 0.2
iSg 09 46.50
EDC 0.52 196 iPg 09 37.50 -0.2
iSg 09 44.50
KCT 0.64 158 ePg 09 39.60 -0.5
eSg 09 51.60
DMK 1.00 347 iPg 09 46.00 0.0
iSg 09 59.00
DST 1.32 160 ePn 09 52.00 0.5
S.D. = 0.5 on 5 of 5 obs.

? NOV 17, 1992 11h 11m 41.93±20.09s
38.752 N ±136.km 22.419 E ±79.5km
DEPTH = 10.0km (geophysicist)
GREECE (364)

AGG 0.28 346 eP 11 47.66 -0.1
eS 11 52.22
LIT 1.35 2 eP 12 06.94 0.2
eS 12 25.02
PAIG 1.53 39 iP 12 09.26 0.0
OUR 1.99 37 eP 12 15.86 -0.1
SOH 2.19 19 eP 12 19.22 0.3
SRS 2.53 21 eP 12 23.54 -0.2
S.D. = 0.2 on 6 of 6 obs.

* NOV 17, 1992 12h 20m 19.07±3.92s
34.003 S ±19.8km 71.017 W ± 8.8km
DEPTH = 69.1 ± 34.3 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.6 (SAN).

CHCH 0.31 77 iPd 20 30.13 -0.3
iS 20 39.06
LNV 0.33 278 iPd 20 30.65 0.2
iS 20 39.52
TACH 0.36 11 iPd 20 30.79 0.1
iS 20 39.84
CACH 0.36 108 iP+ 20 31.05 0.1

* NOV 17, 1992 18h 30m 55.14 \pm 0.91s
48.066 N \pm 10.9km 148.941 E \pm 8.8km
DEPTH = 330.6 \pm 12.3 km
4.1mb (9 obs.)

NORTHWEST OF KURIL ISLANDS (220)

KUSJ 5.79 212 eP 32 21.90 -1.5
eS 33 28.90
ASAJ 5.90 230 eP 32 29.60 5.0X
HOOJ 6.94 217 eP 32 36.10 -0.9
eS 33 52.70
MRRJ 7.91 227 eP 32 49.90 1.3
eS 34 17.90
AOMJ 9.69 222 P 33 10.00 -0.1
S 34 53.00
OFUJ 10.41 213 P 33 19.70 0.8
S 35 09.30
MAT 13.97 218 iPd 34 02.50 0.7
0.8s 9.70nm 4.2mb
YAK 17.69 329 eP 34 41.30 0.2
0.9s 46.00nm 4.8mb
SLKM 36.27 47 eP 37 28.49 -0.4
FBA 36.92 39 eP 37 38.29 4.1X
0.7s 9.30nm 4.3mb
BALM 39.97 45 eP 38 00.45 1.0
MBC 44.33 20 eP 38 35.00 0.8
YKA 51.55 36 eP 39 29.40 -0.2
0.6s 1.70nm 3.6mb
GUN 52.10 271 P 39 34.40 -0.1
KKK 52.58 271 P 39 38.40 0.5
PKI 52.64 271 P 39 38.00 0.3
DMN 52.82 271 P 39 40.20 0.5
GKN 52.87 272 P 39 40.40 0.4
OBN 62.59 323 eP 40 45.00 -1.4
0.9s 15.00nm 4.6mb
LRM 62.62 51 eP 40 47.10 0.0
8W06 66.21 52 eP 41 09.69 -0.4
0.5s 2.08nm 4.1mb
NAO 66.31 339 P 41 08.60 -1.5
0.4s 0.90nm 3.9mb
PV10 69.59 55 ePc 41 32.00 1.1
ASPA 72.67 194 eP 41 47.70 -1.0
1.0s 2.60nm 3.9mb
GEC2 75.99 331 eP 42 07.30 -0.1
0.5s 0.77nm 3.7mb
S.D. = 0.9 on 23 of 25 obs.

NOV 17, 1992 19h 21m 55.54 \pm 0.30s
53.984 N \pm 7.1km 164.126 E \pm 3.9km
DEPTH = 25.1km (23 depth phases)
4.9mb (38 obs.)

KOMANDORSKY ISLANDS REGION (4)

PET 3.41 256 ePn 22 48.00 -0.3
Z 12s 1.20um
SKR 5.94 239 ePn 23 21.70 -2.3
SMY 6.11 98 eP 23 24.60 -1.8
YSS 15.27 252 eP 25 35.00 4.2X
ILT 16.16 24 iPc 25 44.00 1.8
1.0s 20.00nm 4.2mb
ANM 18.63 43 e(P) 26 13.10 0.1
YAK 19.71 308 iPc 26 21.00 -4.7X
1.6s 94.00nm 4.8mb
TTA 22.34 50 eP 26 52.93 0.4
0.9s 5.27nm 4.0mb
SVW 22.43 55 eP 26 53.00 0.3
TIK 23.33 332 iP 27 02.00 -0.1
1.7s 100.00nm 5.1mb
e 27 10.00 29km
IMA 23.76 43 eP 27 06.50 0.0
1.3s 18.90nm 4.5mb
e 27 14.80 30km
NIIJ 24.08 236 eP 27 18.30 8.7X
CRP 24.11 55 P 27 14.36 4.4X
BRW 24.27 30 eP 27 11.40 0.2
e 27 20.40 32km
MAT 25.02 236 iPd 27 20.30 1.6
1.0s 60.00nm 5.2mb
CHJJ 25.03 234 eP 27 20.50 1.7
MTMJ 25.18 237 eP 27 22.70 2.3X
FBA 26.08 46 e(P) 27 28.70 0.3
TOA 26.90 52 e(P) 27 37.00 1.8
CN2 27.07 264 eP 27 37.40 -0.3
0.8s 3.00nm 4.0mb
epP 27 46.00 30km
BOD 27.73 298 eP 27 47.10 3.6X

BALM 0.6s 11.00nm 4.7mb
28.86 54 eP 28 02.52 8.7X
MBC 35.27 24 eP 28 49.00 -0.5
NRI 36.37 325 iPc 28 57.30 -1.6
1.4s 17.00nm 4.7mb
e 30 49.00
ZAK 36.47 290 eP 29 01.00 1.9
1.0s 8.00nm 4.6mb
NJ2 38.82 254 Pd 29 21.00 1.1
0.8s 12.00nm 4.7mb
YKA 40.86 45 eP 29 42.00 6.4X
0.6s 1.10nm 3.8mb X
ELT 43.97 302 iPd 30 01.50 -0.4
1.8s 41.00nm 5.0mb
Z 12s 0.50um 4.6mszX
NVS 44.57 306 eP 30 05.90 -0.8
1.8s 60.00nm 5.2mb
LZH 44.73 272 Pc 30 10.00 1.5
1.4s 32.00nm 5.0mb
Z 12s 0.37um 4.5mszX
N 11s 0.25um
pP 30 17.00 23km
GTA 44.88 278 eP 30 09.00 -0.6
1.0s 21.00nm 5.0mb
pP 30 14.50 18km
CD2 48.44 267 P 30 38.30 0.7
KMFM 48.52 75 (P) 30 37.22 -1.0
WMO 48.92 291 iPd 30 42.00 0.8
1.0s 42.00nm 5.4mb
Z 16s 0.52um 4.6mszX
pP 30 49.50 25km
S 37 48.00
GYA 50.03 260 P 30 50.40 0.4
1.0s 9.60nm 4.8mb
sP 31 05.40
ORV 50.59 74 eP 30 53.86 -0.1
epP 31 01.69 26km
BRVK 51.72 310 iPd 31 02.00 -0.3
1.2s 40.00nm 5.2mb
Z 20s 0.19um 4.1msz
N 16s 0.11um
E 16s 0.11um
BGMT 51.99 63 eP 31 04.50 -0.3
e 31 12.30 26km
SVE 53.26 318 iPd 31 13.10 -0.7
2.0s 60.00nm 5.2mb
KMI 53.34 263 eP 31 16.00 1.0
BONR 53.51 74 eP 31 17.69 1.5
epP 31 24.54 23km
ARU 54.35 319 iPd 31 21.40 -0.4
BW06 54.97 64 eP 31 27.00 0.1
1.0s 6.67nm 4.6mb
e 31 34.79 26km
DUG 55.01 68 eP 31 27.33 0.3
1.0s 7.06nm 4.6mb
epP 31 35.26 26km
DAU 55.71 67 eP 31 33.54 1.2
epP 31 40.53 23km
GSC 56.23 75 (P) 31 35.47 -0.4
ARUT 56.36 71 (P) 31 36.97 0.1
epP 31 45.17 27km
MSU 56.55 69 (P) 31 38.65 0.4
epP 31 46.80 27km
FRU 56.61 298 eP 31 39.00 0.6
e 31 45.00 20km
LSA 56.75 276 iPd 31 41.20 1.1
RSSD 56.89 59 P 31 50.00 9.3X
Z 19s 0.08um 3.8msz
SRU 57.03 68 eP 31 42.33 0.7
KAF 59.58 339 iP 31 57.40 -1.4
0.6s 6.20nm 4.9mb
CHG 60.43 261 ePd 32 06.00 0.8
1.0s 18.50nm 5.2mb
GUN 61.17 279 P 32 10.14 -0.4
NUR 61.37 339 iP 32 10.00 -1.1
0.6s 9.40nm 5.1mb
KKN 61.61 279 P 32 13.30 -0.1
0.7s 35.00nm 5.6mb
PKI 61.70 279 P 32 13.64 -0.5
0.8s 48.00nm 5.7mb
GKN 61.83 280 P 32 14.22 -0.6
0.9s 45.00nm 5.6mb
DMN 61.85 279 P 32 14.80 -0.3
ALO 62.29 68 eP 32 18.40 0.5
1.0s 4.50nm 4.6mb
epP 32 26.17 25km
NAO 63.58 346 P 32 24.10 -1.7

HFS 0.8s 6.60nm 4.8mb
63.80 344 eP 32 24.40 -2.8
0.5s 3.00nm 4.7mb
EEO 66.34 42 eP 32 53.00 9.2X
WMOK 66.57 63 eP 32 45.49 0.1
0.8s 11.84nm 5.1mb
ipPd 32 53.29 25km
FVM 68.27 55 eP 32 54.74 -1.3
0.7s 14.56nm 5.2mb
ipPd 33 03.34 28km
ELC 69.40 55 eP 33 02.49 -0.5
epP 33 10.55 26km
OLY 69.72 57 eP 33 04.53 -0.4
epP 33 11.88 24km
KSP 72.12 339 eP 33 19.20 0.0
CLL 72.33 341 iP 33 19.90 -0.5
1.4s 16.00nm 4.9mb
BRG 72.56 341 e(P) 33 21.60 -0.2
MOX 73.22 342 eP 33 26.00 0.3
PRU 73.29 340 eP 33 26.40 0.3
GRF 74.21 342 eP 33 32.50 1.0
1.0s 14.00nm 4.9mb
KHC 74.30 340 P 33 32.50 0.5
1.3s 10.30nm 4.7mb
e 33 39.00 21km
ZST 74.44 338 eP 33 33.20 0.4
GEC2 74.54 340 eP 33 33.60 0.1
0.9s 3.50nm 4.4mb
e 33 40.10 21km
GBA 77.19 275 P 33 48.00 -0.8
LPL 79.02 344 eP 33 59.90 1.1
1.0s 9.60nm 4.8mb
LPG 79.04 344 eP 34 00.20 1.3
0.8s 7.00nm 4.7mb
SPA 143.80 180 iPKPc 41 25.70 -3.0
0.6s 10.90nm
S.D. = 1.0 on 71 of 81 obs.

NOV 17, 1992 20h 31m 01.70 \pm 0.67s
27.948 N \pm 3.8km 139.275 E \pm 3.8km
DEPTH = 533.0 \pm 8.4 km
4.9mb (64 obs.)

BONIN ISLANDS REGION (212)

MAT 8.62 354 iPc 33 04.60 -1.5
0.7s 135.62nm 5.3mb
eS 34 43.00
GUMO 15.21 159 eP 34 14.40 1.1
1.2s 1354.10nm 6.4mb X
GUA 15.27 159 eP 34 14.30 0.4
0.8s 1194.03nm 6.5mb X
SSE 16.06 286 eP 34 20.50 -1.1
1.0s 32.00nm 4.8mb
NJ2 18.15 288 Pd 34 43.00 1.1
1.2s 120.00nm 5.4mb
S 37 45.00
ScP 41 33.00
DL2 18.31 311 eP 34 45.00 1.6
S 37 42.00
MDJ 18.35 338 eP 34 44.80 1.0
1.0s 37.00nm 5.0mb
S 37 48.00
SNY 18.87 321 Pd 34 49.20 0.5
1.0s 100.00nm 5.4mb
iS 37 55.50
YSS 19.23 7 iPd 34 51.50 -0.6
CN2 19.34 329 eP 34 54.30 1.1
1.2s 19.00nm 4.6mb
TIA 20.47 299 Pd 35 04.10 0.3
1.0s 300.00nm 5.9mb
WHN 21.89 283 iPd 35 18.00 1.2
1.0s 270.00nm 5.8mb
BJI 22.56 308 eP 35 21.50 -1.3
1.3s 32.00nm 4.8mb
CGP 23.78 218 eP 35 44.00 10.0X
TIY 24.49 300 eP 35 40.00 -0.4
S 39 27.00
HHC 26.12 307 Pd 35 54.60 -0.1
1.0s 48.00nm 5.0mb
XAN 26.66 291 iPd 35 59.50 0.0
0.5s 50.00nm 5.4mb
BTO 27.14 305 eP 36 04.00 0.3
GYA 29.00 275 iPd 36 25.00 4.9X
1.0s 67.00nm 5.2mb
LZH 30.99 294 iPd 36 37.30 0.2
1.0s 79.00nm 5.3mb
CD2 31.00 284 iPd 36 37.00 0.0

17d 20h									
WWKK	31.67	172 e(P)	36 38.00	-4.7X					
KMI	32.73	274 Pd	36 53.00	1.1					
	1.5s	60.00nm		5.0mb					
MGD	33.09	11 iPc	36 54.00	-0.3					
	0.7s	180.00nm		5.8mb					
GTA	34.52	300 Pd	37 06.60	-0.1					
	1.0s	57.00nm		5.1mb					
		S	41 55.00						
		ScP	42 21.20						
YAK	34.66	352 iPc	37 06.80	-0.5					
	0.9s	102.00nm		5.4mb					
N	20s	0.50um							
		e	41 54.00						
BOD	34.68	337 iPd	37 08.00	0.4					
ZAK	35.27	319 iPd	37 13.00	0.4					
	1.0s	27.00nm		4.8mb					
LOE	36.07	261 eP	37 20.00	0.5					
CHG	37.98	265 iPd	37 36.00	0.8					
	1.1s	72.78nm		5.2mb					
BDT	38.52	263 eP	37 39.00	-0.6					
	0.6s	50.00nm		5.3mb					
KHT	39.90	259 iPc	37 51.60	0.8					
ADK	40.53	42 eP	37 54.95	-0.6					
	0.7s	36.70nm		5.1mb					
MTN	41.31	192 eP	38 02.00	-0.1					
	0.7s	93.00nm		5.4mb					
SNG	41.98	248 eP	38 09.00	1.6					
WMQ	43.98	305 iPd	38 23.60	0.6					
	1.5s	95.00nm		5.1mb					
		eS	44 15.00						
TIK	44.11	355 iPc	38 23.00	-0.5					
	0.8s	20.00nm		4.7mb					
		i	39 56.00						
		iS	44 15.00						
ELT	46.17	318 iPd	38 39.80	0.2					
	1.0s	33.00nm		4.8mb					
		e	40 04.00						
GUN	46.85	283 P	38 46.32	0.7					
	0.4s	273.00nm		6.2mb X					
PKI	47.33	283 P	38 49.24	0.0					
	0.4s	42.00nm		5.3mb					
KKN	47.39	283 P	38 49.78	0.2					
	0.6s	85.00nm		5.5mb					
DMN	47.59	283 P	38 51.28	0.2					
	0.4s	90.00nm		5.6mb					
GKN	47.90	284 P	38 53.42	0.1					
CTA	48.23	171 iP	38 55.50	-0.1					
	1.0s	15.00nm		4.4mb					
ANM	50.38	27 ePd	39 11.43	0.4					
SDN	50.68	40 eP	39 12.40	-1.0					
NRI	50.78	339 iPd	39 12.10	-1.8					
	1.6s	32.00nm		4.5mb					
		e	40 53.00						
		eS	45 42.00						
		eSSS	49 42.00						
ASPA	51.57	186 iPd	39 19.60	-0.7					
	0.4s	63.60nm		5.4mb					
		iS	45 57.50						
MBL	52.31	203 iPd	39 22.60	-3.0					
	0.5s	50.00nm		5.1mb					
KSH	52.92	300 P	39 31.50	1.4					
	1.0s	70.00nm		5.0mb					
FRU	53.53	304 iPd	39 34.30	0.0					
	2.0s	100.00nm		4.8mb					
		e	40 32.30						
SVW	53.96	33 ePc	39 37.02	0.0					
	0.7s	51.07nm		5.0mb					
TTA	54.02	31 eP	39 37.80	0.3					
TTA	54.02	31 eP	39 37.90	0.4					
NDI	54.07	287 ePd	39 38.00	-0.2					
	1.0s	60.00nm		4.9mb					
RMQ	54.89	170 eP	39 43.80	0.0					
	0.6s	14.00nm		4.5mb					
WARB	55.17	194 iPd	39 46.00	0.2					
	0.5s	12.00nm		4.5mb					
KDC	55.29	37 eP	39 44.83	-1.4					
BRW	55.50	21 eP	39 48.50	0.9					
IMA	55.50	27 eP	39 47.29	-0.6					
	0.6s	3.10nm		3.8mb X					
BGL	55.53	33 iP	39 47.60	-0.5					
CRP	55.64	33 eP	39 48.02	-0.9					
BRVK	55.73	317 iPd	39 49.00	-0.4					
	1.1s	98.00nm		5.0mb					
		eS	46 53.00						
DZM	56.23	149 iPc	39 53.90	0.6					
HYB	56.51	273 iPd	39 55.50	0.1					
	1.0s	50.00nm		4.8mb					
SLKM	56.55	34 eP	39 53.52	-1.5					
PMR	57.11	33 eP	39 57.25	-1.5					
	0.6s	24.31nm		4.7mb					
MEEK	57.79	202 eP	40 01.00	-2.8					
	0.4s	4.00nm		4.1mb					
FBA	57.83	29 eP	40 02.75	-0.9					
	0.6s	7.33nm		4.2mb					
TOA	58.52	32 eP	40 08.50	0.0					
KLU	58.65	33 eP	40 08.66	-0.7					
GBA	59.01	270 P	40 12.30	0.0					
STK	59.54	178 eP	40 19.00	3.6X					
	1.1s	15.90nm		4.3mb					
		eS	47 41.30						
POO	60.24	276 iP	40 12.50	-8.0X					
BALM	60.40	33 eP	40 20.19	-0.8					
SVE	60.97	322 iPd	40 24.00	-0.7					
	1.8s	60.00nm		4.7mb					
MRWA	61.05	203 iPc	40 25.20	-0.3					
BAL	62.08	202 eP	40 31.00	-1.2					
ARU	62.15	322 iPd	40 31.50	-0.8					
	0.7s	100.00nm		5.4mb					
KLB	62.66	201 eP	40 35.00	-0.8					
MBC	65.74	15 ePc	40 54.70	-0.1					
	0.5s	16.00nm		4.8mb					
MAIO	66.32	300 iPc	41 00.30	1.2					
KEV	71.32	340 iP	41 28.30	0.0					
	0.7s	22.70nm		4.8mb					
YKA	72.61	28 eP	41 35.30	-0.6					
	0.7s	12.70nm		4.6mb					
SDF	72.71	338 iP	41 36.40	0.0					
OBN	74.34	324 iPd	41 46.00	0.2					
	1.1s	43.00nm		4.9mb					
DAG	74.65	355 iPd	41 46.80	-0.4					
	1.0s	11.00nm		4.3mb					
GMW	74.92	44 eP	41 50.48	1.3					
RMW	75.56	44 eP	41 53.81	1.0					
KIV	75.57	312 eP	41 53.70	0.7					
KAF	75.57	333 iP	41 52.00	-0.5					
	0.4s	18.30nm		4.9mb					
ERE	75.92	308 iP-	41 48.00	-7.0X					
	1.2s	10.00nm		4.2mb					
NUR	77.13	333 eP	42 00.00	-1.0					
DPW	77.55	42 eP	42 04.38	0.8					
LGPM	77.76	50 ePc	42 06.14	1.2					
WDC	78.10	50 eP	42 07.40	0.8					
	0.8s	7.70nm		4.2mb					
LBFM	78.20	49 eP	42 08.06	0.7					
ORV	79.28	51 eP	42 13.26	0.5					
ARN	80.27	53 eP	42 19.38	1.3					
UPP	80.32	334 iP	42 17.20	-0.5					
SES	80.36	38 eP	42 19.00	0.7					
HFS	81.61	336 eP	42 22.90	-1.5					
	0.3s	4.10nm		4.4mb					
LRM	81.99	42 eP	42 28.00	1.0					
BONR	82.24	51 eP	42 29.52	1.1					
ISA	83.24	53 iP	42 33.39	0.2					
HHA1	83.38	44 eP	42 35.90	2.1					
PTI	83.61	45 eP	42 37.33	2.3X					
GSC	84.60	53 eP	42 40.74	0.8					
DUG	84.76	47 eP	42 41.30	0.6					
	0.8s	4.25nm		4.1mb					
KSP	86.84	328 eP	42 49.70	-0.6					
		e	49 28.10						
GLA	87.16	54 eP	42 53.47	1.2					
SRO	87.84	325 eP	42 54.50	-0.6					
RSSD	87.86	40 eP	42 56.51	0.9					
	0.7s	6.43nm		4.5mb					
CLL	88.03	330 iP	42 55.30	-0.6					
	1.5s	20.00nm		4.7mb					
ZST	88.21	325 e(P)	42 56.10	-0.7					
PRU	88.24	328 eP	42 56.30	-0.6					
KHC	89.29	328 eP	43 01.50	-0.3					
	1.3s	12.00nm		4.6mb					
GEC2	89.43	327 eP	43 00.80	-1.7					
	1.3s	10.05nm		4.6mb					
GRF	89.98	329 eP	43 05.00	0.1					
	1.3s	21.00nm		4.9mb					
ALO	91.88	49 eP	43 15.86	1.6					
	0.9s	11.48nm		4.9mb					
LPL	95.11	329 eP	43 28.30	-0.5					
	0.6s	3.25nm		4.7mb					
LPG	95.11	329 eP	43 28.40	-0.5					
	0.6s	3.70nm		4.8mb					
NAV	104.97	32 ePd	44 20.45	7.7X					
		i	44 26.54						
JSC	107.18	34 ePd	44 28.77	6.3X					
SLR	119.16	255 iPKPc	48 51.20	-0.7					
TIC	131.30	309 PKP	49 15.80	0.5					
KIC	131.32	309 PKP	49 15.80	0.5					
LIC	131.61	309 PKP	49 16.30	0.4					
ARE	149.39	75 e(PKP)	49 54.00	6.6X					

RPW	6.57	45 P	38 53.06	0.2	HON	33.31	237 P	44 00.00	6.2X	N	2.05	46	19t
MBW	6.61	41 P	38 54.27	0.8	Z 19s	0.60um	4.3Msz			P	-6.46	31	32t
ETW	6.73	54 P	38 54.56	-0.7	JAO	35.27	55 eP	44 10.50	0.1	Best Double Couple: Mo=5.4+10+11t			
ORV	6.80	128 eP	38 55.17	-0.9	MCWV	36.05	80 P	44 30.00	12.9X	NP1: Strike=111 Dip=46 Slip=-17t			
WAH2	6.84	63 P	38 56.23	-0.4	Z 21s	0.64um	4.4Msz			NP2: 20 89 -4t			
GBL	6.86	64 P	38 56.37	-0.5	RSNY	38.02	70 eP	44 35.03	1.4	KAGJ	6.05	38 P	43 47.90 -1.9
LOCW	6.92	63 P	38 57.33	-0.3		0.7s	5.36nm	4.4mb		eS		44 54.50	
NTYM	7.06	140 eP	38 57.48	-2.2	Z 20s	0.72um	4.5Msz			SSE	6.59	316 Pd	43 58.00 0.7
DPW	8.13	58 eP	39 13.23	-1.5	CEH	38.20	85 P	44 50.00	14.8X	1.0s	180.00nm		5.4mb
ARN	8.43	139 eP	39 17.94	-0.9	Z 21s	0.88um	4.5Msz			Z 20s	0.90um		
CMB	8.49	131 ePc	39 19.49	-0.2	HRV	40.76	72 P	45 10.00	13.7X				
	1.8s	228.30nm	6.2mb X		Z 22s	0.61um	4.4Msz						
MMPM	9.54	128 eP	39 35.49	1.0	CBM	41.51	64 P	45 10.00	7.6X				
MEMM	9.55	128 eP	39 35.68	1.4	Z 21s	0.54um	4.4Msz			KUMJ	7.10	31 P	44 03.80 -0.4
BONR	9.73	125 eP	39 37.03	0.0	LMN	44.03	64 eP	45 27.00	3.9X				
ISA	11.28	134 eP	39 58.01	0.0	DAG	51.89	16 eP	46 23.50	-0.4	BBP	7.26	216 ePd	44 03.00 -3.4
HHA1	11.66	88 eP	40 04.42	1.1		1.0s	16.00nm	4.9mb		OZH	7.34	260 eP	44 08.20 0.6
PTI	11.74	90 eP	40 06.44	2.1	TIK	52.72	337 eP	46 29.00	-1.2				
LCCM	11.89	75 eP	40 07.50	1.0		1.2s	12.00nm	4.7mb		SHNJ	8.59	26 eP	44 23.20 -1.2
DUG	12.20	103 eP	40 10.45	-0.2	Z 18s	0.50um	4.6Msz			NJ2	8.73	311 Pc	44 27.00 0.6
	1.0s	17.65nm	5.3mb		YAK	57.32	327 eP	46 58.00	-5.7X		0.8s	140.00nm	5.8mb
GSC	12.44	130 eP	40 14.76	0.9		1.9s	77.00nm	5.4mb					
		i	40 22.55		Z 19s	1.00um	4.9Msz			CVP	9.76	208 eP	44 39.00 -1.3
ARUT	12.91	113 eP	40 21.15	1.1	N 20s	0.90um				WHN	11.48	294 Pc	45 04.50 1.3
DAU	13.22	100 eP	40 24.20	-0.2	E 20s	0.60um				1.5s	89.00nm		5.3mb
MSU	13.38	108 eP	40 27.54	1.0	BOD	65.99	329 eP	48 00.30	-1.7				
SES	13.45	55 eP	40 31.00	3.9X		1.1s	22.00nm	5.3mb					
BW06	13.79	88 eP	40 32.79	1.0	SDF	67.31	10 iP	48 09.60	-0.8	TIA	12.62	323 Pd	45 20.00 1.9
	1.2s	11.42nm	4.6mb		MAT	67.91	300 eP	48 12.00	-2.7		1.4s	110.00nm	5.3mb
PLM	13.91	136 eP	40 32.32	-1.0		(S)	57 22.00			Z 14s	0.95um		
SRU	14.26	104 eP	40 39.44	1.5	NAO	70.43	20 P	48 28.20	-1.5	E 11s	0.85um		
GLA	15.21	131 eP	40 50.25	0.0		1.0s	9.50nm	4.9mb		DL2	13.08	343 P	45 28.00 3.9
RSSD	17.53	81 eP	41 21.52	1.6	APD	71.42	19 eP	48 34.28	-1.5	Z 10s	0.64um		
	0.5s	8.33nm	4.1mb			0.6s	0.90nm	4.1mb					
GOL	17.69	96 eP	41 22.07	0.1	KAF	72.34	12 eP	48 40.00	-1.1	MAT	14.12	42 (P)	45 42.00 4.3
	0.9s	26.40nm	4.4mb			0.9s	8.00nm	4.8mb					
TUC	18.07	124 eP	41 27.62	1.1	ZAK	75.82	329 eP	49 00.50	-0.9	CHJJ	14.28	45 eP	45 41.50 1.7
	1.2s	45.05nm	4.5mb			1.6s	22.00nm	5.0mb		KAKJ	15.14	47 eP	45 53.30 2.7
		i	41 35.60		Z 20s	0.56um	4.9Msz			PLP	15.29	186 ePc	45 54.50 1.8
ALO	19.17	111 eP	41 40.41	0.3	E 20s	0.54um				SNY	15.52	352 Pd	45 56.00 8.6
	1.1s	21.84nm	4.3mb		ELT	78.69	340 iPc	49 17.00	-0.3		1.2s	50.00nm	4.6mb
YKA	20.24	19 eP	41 50.80	-0.8		1.6s	34.00nm	5.1mb					
	0.9s	37.80nm	4.7mb		SVE	79.31	355 ePc	49 19.10	-1.5	BJI	16.07	330 eP	46 03.50 1.3
KLU	20.38	336 eP	41 56.87	3.7X	CLL	79.39	23 e(P)	49 20.00	-1.2		1.5s	140.00nm	5.0mb
SLKM	21.10	329 eP	42 01.14	0.6	BRG	80.05	23 eP	49 25.60	0.9	Z 16s	0.29um		4.5Msz
PMR	21.48	333 eP	42 06.58	2.4		1.2s	20.00nm	5.0mb		TIY	16.38	317 iPc	46 08.00 1.7
	1.6s	118.64nm	5.0mb		CDF	80.13	28 eP	49 25.60	0.3		1.2s	110.00nm	5.0mb
Z 20s	1.51um		4.4Msz			1.4s	34.85nm	5.1mb		Z 30s	0.94um		3.4Msz
CRP	22.32	329 eP	42 13.02	0.2	HAU	80.16	29 eP	49 25.40	0.0	N 14s	0.78um		
BGL	22.40	329 eP	42 15.32	1.7		1.3s	16.25nm	4.8mb					
ULM	22.91	63 eP	42 22.00	3.4X	BSF	80.46	29 eP	49 27.20	0.1	XAN	16.99	301 P	46 14.50 0.6
ACO	23.39	98 iPc	42 24.00	0.5		1.2s	16.35nm	4.9mb		1.5s	92.00nm		4.8mb
SVW	23.56	326 eP	42 25.59	0.7	OBN	80.50	9 eP	49 25.00	-2.0	Z 10s	0.83um		4.0Msz
	1.8s	352.48nm	5.6mb			1.0s	24.00nm	5.1mb					
FBA	23.61	339 eP	42 25.74	0.4				49 33.00					
	1.4s	19.86nm	4.5mb		GEC2	81.80	24 ePKP	49 33.00	-0.3				
WMOK	24.60	102 eP	42 36.77	1.6		0.9s	2.59nm	4.3mb		CN2	17.32	357 Pd	46 18.50 0.8
	1.0s	159.22nm	5.6mb		BRVK	82.03	349 eP	49 34.00	-1.1		0.6s	49.00nm	4.9mb
Z 22s	1.45um		4.4Msz			1.4s	14.00nm	4.9mb		GYA	17.82	274 iPd	46 25.00 0.9
		i	42 43.93			1.6s	0.21um	4.6MszX			1.0s	9.60nm	4.0mb
MEO	24.72	102 iPc	42 37.00	0.7	ZST	83.35	22 e(P)	49 43.00	1.0	Z 16s	0.35um		4.4Msz
TTA	24.78	330 eP	42 37.18	0.5				55 30.30		N 10s	0.71um		
	1.0s	14.16nm	4.6mb							E 10s	0.34um		
		e	42 45.07		SRO	84.03	22 eP	49 48.20	2.7	OFUJ	17.85	41 eP	46 38.60
OCO	25.14	99 iPd	42 40.50	0.2	FRU	91.16	343 eP	50 21.00	0.9		18.00	186 iPd	46 26.00 -0.2
FNO	25.32	99 iPd	42 44.90	2.8	LIC	108.71	61 Pd diff	51 51.00	11.5X	HHC	18.98	323 eP	46 37.20 0.1
FCC	25.70	43 eP	42 34.50	-10.8X	KIC	108.79	61 Pd diff	51 50.00	10.2X		1.6s	350.00nm	5.4mb
SIO	25.87	97 eP	42 47.30	0.1	NVL	146.79	157 ePKP	56 54.00	-0.4	Z 16s	0.71um		5.2Msz
IMA	26.10	337 eP	42 49.39	0.2		S.D. = 0.9 on 147 of 161 obs.				N 11s	0.41um		
	1.6s	36.49nm	4.8mb							E 11s	0.32um		
		i	42 57.32		NOV	17. 1992 21h 42m 21.35± 0.23s				CD2	20.48	288 eP	46 50.20 -2.5
TUL	26.16	97 eP	42 50.70	0.9		26.466 N ± 3.6km 126.559 E ± 4.0km					1.0s	61.00nm	4.9mb
	1.6s	105.50nm	5.3mb			DEPTH = 106.1km (6 depth phases)				KMI	21.48	272 Pc	47 04.00 1.0
Z 18s	0.77um		4.3Msz			5.0mb (47 obs.)					1.8s	40.00nm	4.5mb
		S	47 45.00		RYUKYU ISLANDS	(238)							
LNO	26.16	97 eP	42 50.50	0.8		CENTROID, MOMENT TENSOR	(HRV)			LZH	21.61	302 Pd	47 25.50 103km
UYO	27.96	99 iPc	43 07.10	0.8		Data Used: GDSN					1.5s	150.00nm	5.1mb
MIAR	28.40	97 eP	43 11.44	1.1		L.P.B.: 7S, 7C				Z 13s	0.42um		4.0MszX
	1.1s	60.05nm	5.3mb			Centroid Location:							
			4.7Msz			Origin Time	21:42:28.7 3.0						
FVM	29.12	89 eP	43 16.63	-0.1		Lot 27.17N 0.22 Lon 126.49E 0.24							
	0.7s	9.96nm	4.7mb			Dep 87.512.6 Half-duration 1.0				TSM	23.56	202 ePc	47 24.10 1.0
		i	43 23.88			Moment Tensor: Scale 10+16 Nm							
		e	43 32.80			Mrr= 0.37 0.46 Mtt=-2.11 0.76				GTA	25.78	307 P	47 42.50 -1.6
MBC	32.61	4 ePc	43 47.50	0.4		Mff= 1.74 0.76 Mrt=-2.82 0.62					0.6s	38.00nm	5.1mb
	1.0s	8.00nm	4.6mb			Mrf=-3.05 0.59 Mtf=-3.41 0.83				Z 12s	0.48um		4.2MszX
						Principal Axes:							
						T Vol= 4.41 Plg=29 Azm= 74							92kmX

17d 21h

CHG	26.56	259	iPd	54	42.00	0.3	RMW	0.5s	2.75nm	4.4mb	UKR	57.89	313	iPd	31	48.80	-0.9			
	1.2s	44.53nm		47	51.50	4.9mb	GRF	84.19	39	eP	54	43.49	1.5							
CIT	27.32	342	eP	47	59.00	1.1		84.96	324	iPd	54	46.70	1.8	EEO	58.76	53	eP	31	58.00	2.0
KHT	28.57	252	iPd	48	10.10	0.7		1.3s	20.00nm	4.9mb	MIAR	58.93	72	eP	31	56.45	-0.8			
ZAK	29.81	329	eP	48	35.50	15.4X	NEW	86.32	37	eP	54	53.00	0.4		1.2s	23.92nm		5.2mb		
IPM	32.71	233	ePc	48	46.90	1.1		1.0s	10.00nm	4.8mb	OLY	59.53	70	(P)	32	01.85	0.5			
	0.9s	36.50nm				5.2mb					KAF	65.75	349	eP	32	41.00	-1.2			
WMO	35.80	309	eP	49	11.00	-1.2	LBFM	87.49	45	eP	54	59.94	1.3		0.8s	4.50nm		4.6mb		
	20s	0.54um				4.3msz	CDF	87.80	324	eP	54	59.80	0.0	EMM	65.77	48	(P)	32	41.85	-0.8
GUN	36.10	282	P	49	14.90	-0.3		0.9s	7.35nm	4.7mb	PRM	65.83	65	(P)	32	42.95	-0.2			
	0.4s	33.00nm				5.6mb	FCC	88.63	20	eP	55	07.00	3.6X	KMI	66.09	281	eP	32	45.00	-0.3
PKI	36.56	281	P	49	17.80	-1.2	LPL	89.90	322	eP	55	10.00	0.0	LMN	66.16	46	eP	32	47.50	2.4
KKN	36.64	282	P	49	18.64	-0.9		0.4s	1.60nm	4.5mb	JSC	66.32	64	eP	32	45.70	-0.6			
	0.5s	21.00nm				5.3mb	LPG	89.90	322	eP	55	10.10	0.0	LHS	66.42	64	eP	32	46.20	-0.8
DMN	36.82	281	P	49	18.94	-2.2	LRM	90.34	37	eP	55	13.80	1.8	NAO	68.21	357	P	32	56.20	-1.6
GKN	37.18	282	P	49	23.40	-0.6	GSC	94.23	47	eP	55	30.97	1.1		1.1s	10.10nm		4.8mb		
	0.4s	29.00nm				5.5mb	ULM	94.87	26	eP	55	35.50	3.0X	FRU	68.55	312	iP	33	00.00	-0.3
MTN	39.33	173	iPd	49	40.70	-1.0	KIC	122.63	298	PKP	01	06.60	-0.1		2.2s	90.00nm		5.5mb		
	0.4s	38.00nm				5.6mb	ZOBO	163.00	56	ePKP	02	16.00	2.8X	HFS	68.78	355	eP	32	59.10	-2.2
ELT	40.08	323	eP	49	31.20	-16.3X		S.D. = 1.0 on 82 of 93 obs.							0.4s	2.10nm		4.5mb		
				51	21.00									UPP	68.81	353	iP	33	00.80	-0.7
KNA	42.02	177	iPc	50	03.80	0.0									74.10	295	P	33	34.58	0.5
	0.4s	17.00nm				5.2mb								KKN	74.53	295	P	33	36.62	0.2
NDI	43.55	285	eP	50	15.50	-0.8								PKI	74.62	295	P	33	37.26	0.1
FRU	45.03	305	eP	50	27.80	-0.2								GKN	74.73	296	P	33	37.68	0.1
				50	53.00	100km								DMN	74.77	295	P	33	38.26	0.4
				51	16.00										1.2s	134.00nm		5.8mb		
				52	08.30									BRG	78.00	354	e(P)	33	55.20	0.0
GBA	47.62	264	P	50	49.60	0.9	ADK	1.23	303	iPc	22	20.84	0.8	PYA	79.54	333	eP	34	05.00	1.2
BRVK	49.17	318	iPd	50	59.00	-1.2	SDN	9.62	59	eP	24	15.20	-3.1X	ASH	79.66	320	eP	34	04.00	-0.5
	1.4s	59.00nm				5.3mb	ANM	14.30	17	eP	25	22.15	1.1	KHC	79.76	354	eP	34	05.00	0.1
				57	56.00		KDC	14.59	55	eP	25	21.93	-2.8X		1.2s	6.00nm		4.5mb		
CTA	50.07	156	iPc	51	07.00	-0.3		0.5s	7.74nm	4.4mb										
	1.0s	20.00nm				5.1mb	SVW	14.60	40	eP	25	25.50	0.6							
ASPA	50.34	171	eP	51	08.30	-1.1	CRP	16.11	43	eP	25	45.84	1.2	GEC2	80.04	354	eP	34	06.20	-0.3
	0.5s	23.60nm				5.4mb	ILT	16.83	355	iPc	25	56.00	2.6		1.0s	1.51nm		3.9mb		
WARB	52.34	180	iPc	51	24.40	-0.1		1.8s	52.00nm	4.4mb										
	0.5s	6.00nm				4.0mb	PMS	17.23	45	eP	25	57.10	-1.5							
SVE	55.16	322	ePd	51	44.00	-0.8	PMR	17.56	44	(P)	26	04.45	1.9							
	2.0s	40.00nm				5.1mb		0.7s	8.29nm	4.0mb										
RMQ	56.83	156	iPc	51	56.40	-0.6	IMA	18.41	28	eP	26	12.92	-0.3	ZST	80.42	352	eP	34	07.50	-0.9
	1.0s	25.00nm				5.2mb		1.2s	14.42nm	4.0mb										
MAIO	57.08	298	iPd	51	59.20	0.3	TOA	19.05	44	eP	26	19.60	-1.4	WRA	83.59	227	P	34	26.00	0.8
ASH	57.69	300	eP	52	03.00	0.0		1.0s	52.00nm	4.7mb					0.9s	0.90nm		3.9mb		
STK	59.77	165	iPc	52	20.60	3.3X	FBA	19.65	35	eP	26	24.21	-3.5X	HYB	86.47	293	eP	34	44.50	4.7
	0.5s	27.40nm				5.6mb		0.5s	4.48nm	4.0mb				ASPA	87.02	226	P	34	43.29	1.1
TTA	61.09	31	(P)	52	25.80	-0.4	SEY	20.95	316	eP	26	56.00	14.8X		1.2s	1.10nm		4.0mb		
	1.1s	19.50nm				5.0mb		Z	18s	1.50um				SLR	148.95	316	iPKPc	41	45.00	4.1
DZM	61.81	138	iPc	52	31.00	-0.5	BRW	21.79	16	eP	26	49.00	-0.5		1.0s	23.00nm				
IMA	61.99	27	eP	52	31.52	-0.7	MBC	32.88	21	eP	26	31.00	-0.5	BLF	152.79	316	ePKP	41	52.20	5.7
	0.6s	2.21nm				4.4mb	YKA	33.62	47	eP	28	36.70	-1.4		S.D. = 1.1 on 57 of 66 obs.					
BGL	62.91	32	eP	52	38.50	0.2		1.1s	3.40nm	4.2mb										
CRP	63.02	32	eP	52	39.21	0.1	MAT	36.12	265	eP	29	00.00	0.2							
BWA	64.01	160	iPc	52	47.00	1.3	NEW	36.70	71	eP	29	04.00	-0.6							
SLKM	64.05	33	eP	52	45.49	-0.2		1.0s	27.50nm	5.1mb										
FBA	64.54	28	eP	52	48.16	-0.6	LGPM	36.93	85	eP	29	07.94	1.3							
	0.6s	6.06nm				4.7mb	LBFM	37.27	84	(P)	29	08.28	-1.4	AGG	2.05	32	ePb	29	41.14	1.9
CAN	65.01	160	iPc	52	52.90	0.7	BOD	39.06	308	eP	29	41.80	11.0X	IGT	2.28	348	ePn	29	43.32	0.8
CNB	65.12	160	iPd	52	53.20	0.3	LRM	40.68	72	eP	29	37.80	-0.2	LIT	3.06	23	ePn	29	53.80	0.3
	0.9s	25.00nm				5.1mb	DUG	43.58	79	eP	30	01.55	-0.1							
BALM	67.74	32	eP	53	08.69	-0.6		1.0s	7.65nm	4.4mb										
KIV	67.93	309	Pd	53	10.00	-0.8	GSC	44.09	88	eP	30	06.80	1.0	PAIG	3.40	39	ePn	29	57.52	-0.8
	1.3s	64.00nm				5.4mb	FCC	44.34	47	ePc	30	10.80	3.5X	FNA	3.50	6	ePn	30	00.28	0.5
				53	37.50	110km	DAU	44.41	78	eP	30	09.22	0.6	THE	3.69	25	ePn	30	01.84	-0.5
OBN	68.71	322	eP	53	14.00	-1.2	NRI	45.53	331	eP	30	17.00	0.3	OHR	3.81	359	ePn	30	04.00	-0.1
	1.2s	35.00nm				5.1mb		1.7s	13.00nm	4.6mb				GRG	3.83	17	ePn	30	04.24	-0.2
				53	39.00	98km														
MBC	69.95	13	ePd	53	21.50	-1.0	RSSD	46.61	70	eP	30	25.97	0.1							
	0.5s	9.00nm				4.9mb		0.6s	2.12nm	4.3mb				SOI	3.94	283	P	30	05.60	-0.2
KAF	71.57	331	iP	53	31.10	-1.3	BJI	47.72	285	eP	30	34.50	0.2	SOH	4.00	28	ePn	30	06.68	0.0
	0.4s	1.70nm				4.2mb		1.3s	36.00nm	5.2mb				VAY	4.22	17	iPn	30	09.60	-0.2
NUR	72.92	330	iP	53	39.50	-0.9		Z	20s	0.42um	4.4msz			SRS	4.34	28	ePn	30	10.96	-0.6
	0.3s	2.50nm				4.5mb	ULM	47.77	58	eP	30	37.00	2.4	ATN	4.41	283	P	30	12.30	-0.2
HFS	77.91	332	eP	54	07.40	-1.3	GOL	48.44	75	eP	30	40.36	0.0							
	0.4s	2.20nm				4.4mb		0.9s	11.59nm	4.9mb				BRT	4.60	322	P	30	14.90	-0.2
NAO	78.71	333	P	54	11.20	-1.9	ZAK	49.05	303	iPc	30	44.00	-0.5							
	0.5s	3.00nm				4.4mb		1.2s	24.00nm	5.1mb										
YKA	78.94	24	eP	54	14.30	0.0		Z	15s	0.59um	4.7mszX			SKO	4.69	5	iPn	30	15.60	-0.8
	0.8s	8.50nm				4.6mb		N	16s	0.29um										
OJC	80.00	321	eP	54	20.50	0.3		E	15s	0.38um				SGO	5.46	308	P	30	28.20	1.0
KSP	81.61	323	iP	54	29.10	0.5														
BRG	82.84	324	e(P)	54	34.60	-0.4	JAO	55.55	45	eP	31	31.50	-1.6	GEC2	12.69	338	ePg	32	04.90	-1.2
CLL	83.10	325	iP	54	35.90	-0.4	ELT	55.65	314	iPd	31	33.00	-0.8		0.8s	0.64nm		3.5mb		
				57	41.00			1.2s	30.00nm	5.2mb				HFS	23.32	351	eP			

S.D. = 0.8 on 19 of 19 obs.

• NOV 18, 1992 00h 35m 38.06±0.63s
 1.561 N ± 9.4km 117.954 E ± 15.0km
 DEPTH = 33.0km (normal)
 4.8mb (6 obs.) 4.9Msz (1 obs.)
 BORNEO (261)

TSM	2.72	358	iPc	36	19.60	-0.7
	0.5s	304.40nm				
KKM	4.78	339	ePc	36	49.50	-0.2
CGP	9.59	44	eP	37	59.00	2.1
WB2	26.75	144	iPc	41	16.00	0.0
ASPA	29.49	149	iPd	41	41.70	0.1
	0.7s	7.20nm				4.5mb
CD2	32.14	337	P	42	03.80	-1.1
TIA	34.49	359	eP	42	23.00	-2.1
CTA	35.11	129	eP	42	20.00	-2.7
LZH	36.76	341	eP	42	44.60	0.0
	1.4s	23.00nm				4.9mb
LSA	37.05	320	eP	42	55.00	1.6
BJI	38.33	358	eP	42	58.00	0.5
	1.0s	15.00nm				4.8mb
Z	24s	0.64um				4.4MszX
STO	39.52	350	eP	43	07.00	0.2
STK	40.11	148	iPc	43	17.00	4.6X
	0.7s	26.50nm				5.1mb
GTA	41.14	330	eP	43	21.50	0.5
	1.0s	13.00nm				4.6mb
		pP	43	27.00		19kmX
		sP	43	30.20		
MDJ	44.09	12	eP	43	44.00	-0.9
CAN	46.78	145	iPd	44	07.40	1.0
KSH	53.66	320	P	45	02.00	3.0X
MAIO	64.00	310	iPc	46	11.30	0.4
OBN	83.77	325	eP	48	05.00	-0.2
	1.0s	17.00nm				5.2mb
Z	22s	0.60um				4.9Msz
AIA	116.43	179	ePKP	54	26.00	6.4X
LPB	163.97	159	PKP	55	42.00	1.7
		PS	03	55.00		
		LR	09	16.00		

S.D. = 1.3 on 18 of 21 obs.

NOV 18, 1992 00h 48m 47.91±0.37s
 12.346 N ± 6.0km 88.446 W ± 5.3km
 DEPTH = 33.0km (normal)
 4.7mb (13 obs.) 4.7Msz (2 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

TPX	4.50	305	(P)	50	07.00	11.5X
SCX	5.96	318	(P)	50	38.00	21.9X
OXX	9.29	301	(P)	51	02.00	-0.8
IISM	10.84	309	(P)	51	24.00	0.1
PPM	11.86	306	(P)	51	38.00	-0.3
III	12.20	301	(P)	51	42.00	-0.6
UNM	12.44	305	(P)	51	49.00	3.1X
MRX	14.26	302	(P)	52	10.00	0.4
PSO	15.63	134	eP	52	35.00	7.1X
BMG	16.03	108	eP	52	32.00	-0.7
BOG	16.15	117	eP	52	42.00	7.5X
		iS	56	01.00		
SDV	17.04	99	eP	52	54.60	-1.0
TOV	18.48	96	eP	53	04.00	0.6
PRM	22.34	13	(P)	53	44.72	0.3
UYO	22.40	347	iPc	53	45.00	0.0
MIAR	22.59	349	eP	53	47.14	0.3
	1.2s	69.64nm				5.0mb
JSC	22.79	16	eP	53	49.66	0.8
LHS	23.10	16	eP	53	52.96	1.1
OLY	23.22	354	eP	53	53.72	0.7
TKL	23.59	10	eP	53	57.24	0.6
VVO	23.02	345	eP	54	00.30	1.4
MEO	24.16	339	iPd	54	01.10	-1.1
WMOK	24.19	339	eP	54	01.48	-1.0
	1.5s	105.02nm				5.2mb
FNO	24.21	342	iPc	54	03.10	0.5
SIO	24.36	344	e(P)	54	04.50	0.4
TUL	24.38	345	eP+	54	03.90	-0.4
	1.6s	140.60nm				5.3mb
Z	10s	1.22um				4.4Msz
		e	54	27.30		
		S	58	49.00		
		LR	01	27.00		
LNO	24.38	345	eP	54	03.40	-0.8
		e	54	27.20		
LNO2	24.38	345	eP	54	03.60	-0.6

LN03	24.38	345	e(P)	54	04.30	0.0
OCO	24.48	342	iPd	54	04.90	-0.3
RRO	24.70	340	iPc	54	08.20	0.8
ELC	24.84	359	eP	54	08.26	-0.4
CEH	24.92	18	eP	54	10.44	1.0
	0.9s	27.42nm				4.8mb
FVM	25.59	356	eP	54	14.69	-1.1
	0.6s	8.05nm				4.5mb
ACO	26.09	340	iPc	54	19.90	-0.5
CBN	27.58	19	eP	54	34.00	0.0
ALO	27.00	327	eP	54	36.48	0.2
	0.8s	3.29nm				4.1mb
JFWS	30.50	357	eP	54	59.46	-0.7
	1.0s	10.20nm				4.8mb
GOL	31.08	334	eP	55	04.80	-0.9
	0.8s	12.53nm				4.8mb
		e	55	17.75		
GLA	31.73	315	eP	55	11.22	0.1
SRU	33.07	320	eP	55	23.03	0.9
PLM	33.32	314	eP	55	25.57	0.4
MSU	33.54	325	eP	55	27.29	0.2
EMUT	33.75	328	eP	55	30.01	1.1
ARUT	33.77	323	eP	55	29.62	0.6
RSNY	34.24	18	eP	55	32.40	-0.4
	1.0s	10.10nm				4.7mb
RSSD	34.38	340	eP	55	34.07	-0.2
	0.7s	7.29nm				4.7mb
DAU	34.42	320	eP	55	33.68	-1.1
ZOBO	34.83	144	P	55	40.00	1.2
Z	10s	1.91um				4.9Msz
		S	01	28.00		
		LR	08	40.00		
DUG	35.07	327	(P)	55	41.32	1.1
	1.1s	3.87nm				4.2mb
EEO	35.09	11	eP	55	41.50	1.5
CNCB	35.33	145	eP	55	43.00	0.0
HVU	36.20	329	(P)	55	50.73	1.0
CCH	36.85	143	eP	55	56.00	0.5
BONR	36.06	319	eP	55	55.96	0.4
EMM	36.93	25	(P)	55	55.28	-0.3
ULM	38.28	352	ePd	56	08.00	1.1
LMN	38.96	26	eP	56	15.50	2.9X
SIV	39.06	135	P	56	16.60	2.8X
LRM	39.10	333	eP	56	12.00	-2.1
LBFM	41.09	321	eP	56	31.69	1.2
SES	42.21	339	eP	56	39.00	-0.4
JAQ	42.57	11	eP	56	42.00	-0.2
FCC	46.52	356	eP	57	16.00	2.2X
BAO	48.74	124	e(P)	57	32.00	0.1
		e	57	38.00		
		e	57	45.90		
		e	57	47.00		
		e	57	57.00		
BDF	48.83	124	e(P)	57	31.00	-1.6
		e	57	40.50		
		e	57	48.00		
		e	57	52.40		
		e	57	58.00		
YKA	53.46	345	eP	58	03.70	-3.1
	1.2s	11.20nm				4.7mb
MBC	65.99	352	eP	59	31.00	-1.8
	1.0s	4.00nm				4.5mb
WRA	138.30	254	PKP	08	14.10	1.5
	0.8s	0.60nm				
GUN	139.61	8	PKP	08	00.00	-15.2X
HYB	147.76	24	ePKP	08	31.70	2.8X
CHG	148.19	347	ePKP	08	32.90	3.3X
	1.5s	47.22nm				
GBA	150.66	29	PKP	08	38.00	4.6X
NST	150.90	343	ePKP	08	45.00	11.3X
	S.D. = 0.9	an 61 of 74 obs.				
%	NOV 18, 1992 02h 06m 00.22±0.73s					
	39.387 N ± 6.1km 27.501 E ± 7.1km					
	DEPTH = 10.0km (geophysicist)					
TURKEY						(366)
MD 3.0 (ISK).						
DST	0.90	76	iPg	06	16.90	-0.6
			eSg	06	30.00	
EDC	1.00	16	iPg	06	19.00	-0.1
I2M	1.01	191	iPg	06	19.50	0.2
			eSg	06	33.50	
EZN	1.01	296	iPg	06	19.00	-0.3
BNT	1.02	18	iPg	06	19.30	-0.2
KCT	1.08	37	iPg	06	21.30	0.7
			iSg	06	36.30	

EYL 2.36 59 ePn 06 45.00 5.3X
 DMK 2.44 5 ePn 06 41.00 0.3
 S.D. = 0.5 on 7 of 8 obs.

• NOV 18, 1992 02h 18m 40.10±0.61s
 21.185 S ± 8.7km 68.066 W ± 9.4km
 DEPTH = 147.0km (2 depth phases)
 4.7mb (4 obs.)

CHILE-BOLIVIA BORDER REGION (124)

ANT	3.32	220	iPd	19	39.90	-0.1
CCH	4.20	26	P	19	52.30	0.4
SLA	4.25	147	ePd	19	54.00	1.6
CNCB	4.35	1	iPc	19	56.40	2.2
ZOBO	4.87	359	iPc	20	02.30	1.1
ARE	5.71	325	eP	20	10.00	-2.1
		iS	21	15.50		
SIV	8.40	53	iPc	20	49.60	1.4
VAO	19.63	99	eP	23	05.80	-1.8
BAO	19.82	77	Pd	23	08.80	-0.9
		e	23	13.10		
		e	23	18.00		
		e	23	20.70		
		e	23	30.50		
		e	23	38.00		
		e	23	41.30		
BDF	19.89	77	Pd	23	09.10	-1.3
		e	23	19.00		
		e	23	21.50		
		e	23	33.20		
		e	23	42.00		
MIAR	60.50	336	eP	28	43.37	-1.3

18d 02h

CRP	5.61	151	eP	22	21.34	-0.2
CKL	5.64	152	eP	22	21.72	-0.2
CKN	5.64	151	eP	22	22.44	0.5
CKT	5.66	152	eP	22	21.79	-0.4
SPU	5.71	151	iP	22	23.04	0.2
SUA	5.74	144	eP	22	23.38	0.0
GHO	5.96	135	eP	22	26.60	0.2
PLRM	6.04	137	eP	22	26.88	-0.6
PMR	6.04	137	(P)	22	26.01	-1.5X
SML	6.10	133	eP	22	27.98	-0.4
DFR	6.14	156	eP	22	28.87	-0.1
RDW	6.22	157	eP	22	30.15	-0.1
PAX	6.24	116	eP	22	28.18	-2.1X
REF	6.24	156	eP	22	29.45	-1.0X
RS2	6.25	157	iP	22	30.67	0.0
RSO	6.25	157	eP	22	30.59	-0.1
RS1	6.25	157	eP	22	30.56	-0.2
TOA	6.56	124	eP	22	35.60	0.7
SLKM	6.70	146	(P)	22	37.33	0.4

S.D. = 0.4 on 36 of 40 obs.

? NOV 18, 1992 02h 22m 18.01±2.02s
37.862 N ±12.2km 27.114 E ±21.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.9 (ISK).

IZM	0.55	12	eP	22	28.90	-0.2
			eSg	22	35.40	
YER	1.18	128	ePn	22	40.00	-0.1
EZN	2.06	343	ePn	22	53.00	0.0
DST	2.11	34	ePn	22	54.00	0.2

S.D. = 0.3 on 4 of 4 obs.

% NOV 18, 1992 02h 33m 12.98±2.51s
44.048 N ±9.3km 7.548 E ±28.0km
DEPTH = 5.0km (geophysicist)

NORTHERN ITALY (545)

ML 2.5 (LDG).

SBF	0.20	204	Pg	33	17.20	0.1
			Sg	33	21.00	
FRF	0.81	234	Pg	33	29.10	-0.1
			Sg	33	40.10	
LMR	1.04	227	Pg	33	32.90	-0.1
			Sg	33	47.20	
LRG	1.05	236	Pg	33	33.40	0.2
			Sg	33	47.40	
LPL	1.58	339	Pg	33	41.90	0.0

S.D. = 0.2 on 5 of 5 obs.

% NOV 18, 1992 02h 34m 57.77±0.88s
40.127 N ±6.9km 29.224 E ±7.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.9 (ISK).

KCT	0.68	281	iP	35	11.30	0.1
			iSg	35	21.30	
DST	0.69	222	iP	35	11.40	-0.1
			eSg	35	20.90	
ISK	0.95	352	iPn	35	15.70	-0.1
BNT	1.02	283	ePn	35	17.00	-0.1
EDC	1.06	282	ePn	35	18.00	0.2
ALT	1.27	147	iPn	35	21.50	0.1

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

? NOV 18, 1992 02h 42m 27.39±2.21s
31.087 S ±14.0km 177.431 W ±51.5km
DEPTH = 33.0km (normal)

KERMADEC ISLANDS REGION (177)

RAO	1.88	347	eP	42	57.60	-0.1
			S	43	20.00	
THZ	13.18	213	eP	45	36.20	1.4
KHZ	13.42	210	eP	45	36.30	-1.5
LMZ	16.42	216	eP	46	16.70	-0.1
BWZ	16.72	213	eP	46	20.70	0.1
ASPA	43.57	267	eP	50	37.50	7.4X
			0.5s	5.30nm	4.6mb	
WB2	44.60	273	iPc	50	42.50	4.0X
WRA	44.61	273	P	50	43.00	4.4X
			0.6s	0.90nm	3.0mb	
KAF	145.36	341	iPKP	02	02.90	0.2
			0.5s	5.30nm		
NUR	147.12	340	iPKP	02	08.80	3.2X

0.6s 5.10nm
NAO 149.76 352 PKP 02 14.90 5.1X
0.7s 1.00nm
S.D. = 1.2 on 6 of 11 obs.

* NOV 18, 1992 03h 19m 26.61±1.05s
44.646 N ±15.6km 151.773 E ±14.4km
DEPTH = 33.0km (normal)
4.6mb (7 obs.)

EAST OF KURIL ISLANDS (222)

KUSJ	5.34	256	eP	20	45.10	-0.9
			eS	21	40.80	
ASAJ	6.57	269	eP	21	03.70	0.4
HOOJ	6.57	253	eP	21	04.60	1.2
			eS	22	13.90	
OFUJ	9.36	237	P	21	41.70	-0.6
			S	23	18.40	
MAT	13.09	236	eP	22	33.00	0.2
YAK	21.63	331	eP	24	15.90	0.3

FBA	38.40	37	eP	26	47.00	0.8
WB2	66.22	198	eP	30	20.40	7.1X
			e	30	33.70	

WRA 66.22 198 P 30 21.00 7.7X

NAO	70.19	341	P	30	35.80	-1.8
			0.9s	4.10nm	4.5mb	
KSP	77.36	333	eP	31	19.00	-0.3
CLL	77.98	335	iP	31	22.10	-0.7
			1.1s	16.00nm	5.0mb	
PRU	78.66	333	eP	31	26.50	0.0
SRO	79.26	330	eP	31	30.80	1.0
ZST	79.36	331	eP	31	30.00	-0.3
KHC	79.72	334	eP	31	32.40	0.1

GEC2 79.93 333 ePc 31 33.30 -0.2

0.6s 2.02nm 4.3mb

GRF 79.95 335 iPc 31 34.20 0.7

0.9s 8.00nm 4.7mb

S.D. = 0.8 on 16 of 18 obs.

NOV 18, 1992 03h 20m 13.98±0.39s
7.359 N ±7.1km 73.055 W ±7.0km
DEPTH = 137.2km (5 depth phases)

4.5mb (8 obs.)

NORTHERN COLOMBIA (99)

Felt at Bucaramanga.

BMG	0.29	184	iPd	20	32.00	-2.5
SDV	2.84	58	iPnd	21	02.70	3.2X
			iSn	21	36.80	
BOG	2.90	200	iP	21	03.50	3.0
			iS	21	39.00	
TOV	4.03	53	iPnd	21	17.50	2.4
			iSn	22	05.30	
MORO	5.84	53	iP	21	41.10	1.5
			iS	22	45.50	

Olla 6.72 66 iP 21 52.10 0.5

PSO 7.46 215 eP 22 08.00 6.1X

GUAN 7.77 70 eP 22 06.00 0.3

ZOB0 23.99 168 P 25 18.20 0.2

CNCB 24.53 168 P 25 23.00 0.0

SIV 26.06 153 P 25 39.80 3.3X

BAO 33.74 133 e(P) 26 44.00 -0.6

BDF 33.82 133 e(P) 26 44.00 -1.4

FVM 34.31 335 eP 26 48.72 -0.4

WMOK 36.09 323 iP 27 02.97 -1.3

JFWS 38.52 340 eP 27 23.79 -0.7

GOL 43.31 323 iP 28 04.33 0.2

PV10 44.81 319 (P) 28 16.79 0.6

RSSD 45.51 329 eP 28 21.79 0.2

GLA 46.34 309 iP 28 28.01 -0.1

JAO	46.36	358	eP	28	28.00	0.2
EMUT	46.75	320	eP	28	31.68	0.1
ULM	46.80	340	eP	28	33.50	2.1
DAU	47.37	320	iP	28	36.16	-0.2

DUG 48.25 319 eP 28 43.09 0.1

GSC 48.76 311 eP 28 46.87 0.0

BONR 50.95 314 iP 29 05.19 1.3

LRM 51.17 325 eP 29 04.90 -0.5

SES 53.27 331 eP 29 20.00 -0.5

ORV 53.89 314 eP 29 34.79 9.5X

NEW 55.19 326 (P) 29 30.20 -4.4X

DPW 55.59 325 (P) 29 36.56 -1.0

YKA 62.78 340 eP 30 25.20 -1.4

LIC 67.50 86 P 30 55.60 -2.2

KIC 67.77 86 P 30 57.40 -2.1

MBC 73.29 350 eP 31 31.50 -0.1

0.7s 5.00nm 4.4mb

SLKM 77.32 330 eP 31 54.38 -0.3

NAO 80.64 30 P 32 13.10 0.5

GEC2 82.38 42 eP 32 21.40 -0.6

ASPA 149.48 235 iPKPc 39 47.00 2.5

WB2 150.64 242 ePKP 39 46.20 -0.1

WRA 150.65 242 PKP 39 46.80 0.5

0.6s 4.80nm

S.D. = 1.3 on 37 of 42 obs.

NOV 18, 1992 04h 04m 31.81±0.17s

16.052 S ±5.7km 173.819 W ±5.0km

DEPTH = 85.8km (10 depth phases)

5.3mb (40 obs.)

TONGA ISLANDS (173)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 30S, 49C

Centroid Location:

Origin Time 04:04:37.5 0.3

Lat 15.965 0.03 Lon 173.43W 0.03

Dep 89.6 2.3 Half-duration 1.4

Moment Tensor: Scale 10+17 Nm

Mrr= 0.03 0.04 Mtt= 0.43 0.08

Mff=-0.45 0.08 Mrt=-1.00 0.04

Mrf=-1.68 0.04 Mtf=-0.03 0.05

Principal Axes:

T Val= 1.89 Plg=46 Azm=133

N 0.21 11 32

P -2.11 42 292

Best Double Couple: Mo=2.0+10+17

NP1: Strike=311 Dip=11 Slip= 9

NP2: 212 88 101

GRZ	27.38	203 eP	10 10.20	-0.7			e	16 41.15	23kmx	WET	146.54	352 iPKPc	24 05.30	2.1
DSZ	28.45	203 eP	10 20.60	0.0	HVU	80.46	42 eP	16 35.59	-0.3	ZST	146.71	347 ePKP	24 05.40	2.0
LTZ	29.18	201 eP	10 24.40	-2.8	SRU	80.59	45 ePc	16 36.40	-0.3	GEC2	146.72	351 ePKPd	24 04.10	0.5
LMZ	31.10	204 eP	10 42.20	-1.8			ePp	16 59.86	88km		1.6s	29.43nm		
RMO	36.27	247 iPc	11 28.30	-0.5			e	17 11.15				e	24 12.60	
	0.6s	10.00nm		5.2mb	DPW	80.65	34 eP	16 35.07	-1.6			e	24 18.60	
CTA	38.11	258 iPd	11 43.00	-1.3	DAU	80.74	43 eP	16 37.38	-0.2	SRO	146.78	345 iPKP	24 06.20	2.7X
CMS	39.75	240 iPd	11 58.10	0.3	BALM	80.84	15 eP	16 36.72	-0.7	CMP	146.84	335 ePKP	24 05.00	1.2
	0.9s	53.00nm		5.4mb	PV10	81.25	46 eP	16 40.79	0.6	BUD	146.90	344 ePKP	24 04.20	0.4
TOO	41.74	231 iPd	12 14.60	0.5	PTI	81.28	41 (P)	16 40.33	0.2	DEV	147.13	330 iPKPc	24 14.00	9.0X
	0.8s	26.00nm		5.1mb	NEW	81.47	34 eP	16 40.00	-0.9	HOFf	147.17	358 PKP	24 06.73	2.6X
STK	43.37	240 iPd	12 31.50	4.1X			1.0s	6.00nm	4.4mb	STR	147.54	358 PKP	24 06.84	2.1
	0.9s	50.40nm		5.3mb	HHA I	81.50	40 eP	16 42.07	0.8	FUR	147.70	354 iPKPc	24 08.60	3.5X
WB2	49.29	257 eP	13 13.00	-1.3	ALO	81.53	50 iPc	16 41.73	0.1	WLS	147.71	359 PKP	24 07.42	2.3
WRA	49.30	257 P	13 13.10	-1.2			1.6s	66.62nm	5.3mb	CDF	147.72	359 PKP	24 07.03	1.8
	1.1s	10.30nm		4.7mb				ePp	17 04.46	ECH	147.92	359 PKP	24 07.73	2.3
ASPA	49.53	252 iPd	13 15.10	-1.0	LRM	82.77	38 eP	16 47.50	-0.5	VITf	147.92	0 PKP	24 07.80	2.4
	1.1s	82.90nm		5.7mb	FBA	83.11	11 eP	16 47.91	-1.0	BHG	147.94	351 iPKPc	24 07.20	1.7
		eS	20 13.10				1.1s	47.79nm	5.3mb	LBD	147.97	358 PKP	24 08.19	2.7X
MTN	53.28	266 eP	13 44.00	-0.3	IMA	83.26	8 eP	16 49.45	-0.4	FEL	148.23	358 PKP	24 08.54	2.5
	0.7s	42.00nm		5.6mb			1.6s	38.26nm	5.1mb	MOF	148.28	359 PKP	24 08.26	2.1
MBL	62.70	254 iPc	14 46.70	-3.5X	GOL	84.39	46 eP	16 56.56	0.2	HRI	148.29	308 ePKP	24 09.70	3.1X
	0.4s	21.00nm		5.5mb			0.9s	46.33nm	5.5mb	SLE	148.32	357 ePKPc	24 09.90	3.8X
MEEK	63.19	248 iPc	14 51.20	-2.3	BJI	85.62	314 eP	17 03.00	1.0	WATA	148.49	353 iPKPd	24 09.70	3.2X
	0.7s	17.00nm		5.1mb			1.5s	86.00nm	5.5mb			ic	24 10.30	
KLB	63.58	242 eP	14 55.00	-0.9	Z	20s	0.30um		4.7MsZ	WTTA	148.55	353 iPKPd	24 10.10	3.4X
BAL	64.54	243 eP	15 00.50	-1.7				eS	27 24.00		0.8s	27.60nm		
MUN	64.87	242 iPc	15 03.90	-0.4	SES	85.96	35 eP	17 03.00	-0.6			ic	24 10.70	
NANU	66.47	252 eP	15 14.00	-0.6			pP	17 26.00	85km			i	24 36.10	
	0.7s	87.00nm		5.8mb	IPM	86.61	276 ePc	17 08.50	1.0	SQTA	148.64	353 iPKPd	24 10.40	3.6X
MAT	69.17	320 eP	15 30.00	-1.2	RSSD	87.21	43 eP	17 09.02	-1.0		1.6s	58.00nm		
	1.3s	28.85nm		5.0mb			0.6s	3.02nm	4.6mb			ic	24 10.80	
BCH	72.05	44 eP	15 48.80	0.1	MEO	87.38	53 iPd	17 11.00	0.2	BBS	148.66	358 PKP	24 09.27	2.6X
		e	16 11.19	85km	YKA	90.85	24 eP	17 25.70	-0.8	LOMF	148.79	359 PKP	24 09.31	2.4
ARN	72.38	41 eP	15 50.01	-0.6			1.0s	4.90nm	4.7mb	OGA	149.01	354 iPKPc	24 12.50	5.0X
ABL	72.43	45 eP	15 51.04	-0.1	KMI	90.94	296 Pc	17 30.00	2.0	PTJ	149.14	347 iPKPc	24 12.40	4.9X
KMPM	72.70	38 eP	15 52.72	0.3			1.5s	40.00nm	5.5mb	DSI	149.27	305 ePKP	24 12.70	4.7X
PLM	73.24	47 eP	15 55.13	-0.7	CIT	92.18	324 eP	17 34.80	1.9	OSI	149.28	355 ePKPc	24 13.00	5.2X
PEC	73.32	47 eP	15 54.86	-1.2	CHG	92.53	289 eP	17 36.30	1.2	PGB	149.42	333 iPKPc	24 13.00	5.0X
	1.2s	14.12nm		4.7mb			1.2s	24.22nm	5.5mb	VDL	149.53	356 ePKPc	24 13.70	5.5X
ISA	73.40	44 eP	15 55.86	-0.7	OLY	93.12	54 eP	17 37.70	0.2	KDZ	149.57	331 iPKPc	24 14.00	5.8X
	1.8s	99.60nm		5.4mb	NVL	93.32	182 eP	17 38.00	0.2	VBY	149.66	347 ePKP	24 12.70	4.5X
		ePp	16 18.31	85km	FVM	94.65	52 eP	17 43.74	-0.8			e	24 20.00	
CMB	73.52	41 eP	15 56.79	-0.4	ZAK	97.76	320 eP	18 09.20	10.9X	VTS	149.79	335 iPKPc	24 14.00	5.3X
	1.4s	35.75nm		5.1mb			1.1s	15.11nm	5.3mb	RZN	149.87	332 iPKPc	24 14.00	5.1X
ORV	73.73	40 eP	15 57.71	-0.7	OJC	144.18	345 iPKP	23 57.50	-1.7	TMA	149.95	356 ePKPc	24 14.30	5.5X
WDC	73.74	38 eP	15 58.31	0.0	KSP	144.35	349 iPKPc	23 57.90	-1.5	DIX	150.04	350 ePKPc	24 15.50	6.4X
	1.6s	87.08nm		5.4mb	CLL	144.41	353 iPKPc	23 57.50	-2.0	MMK	150.05	358 ePKPd	24 15.50	6.4X
		ePcP	16 16.29				0.9s	17.00nm		EMS	150.07	359 ePKPc	24 15.40	6.4X
LGPM	73.77	38 eP	15 58.79	0.1	RAC	144.69	347 ePKP	24 00.00	0.0	RMN	150.28	304 ePKP	24 15.00	5.3X
YSS	73.91	331 eP	15 58.10	-1.1	BRG	144.71	351 iPKPc	23 58.00	-1.2	MMB	150.39	333 iPKPc	24 15.00	5.5X
	1.0s	30.00nm		5.1mb			2.0s	66.00nm		KKB	150.44	334 iPKPc	24 15.00	5.5X
MEMM	74.23	42 eP	16 02.58	1.4				e	27 34.50	VAY	151.11	334 ePKP	24 09.70	-0.8
MTUM	74.30	43 eP	16 01.86	-0.1	UZH	144.92	341 ePKPd	24 00.00	-0.4	LWI	151.19	233 iPKPd	24 20.00	8.3X
		ePp	16 25.22	89km			1.3s	200.00nm		FIR	152.03	352 ePKP	24 10.50	6.8X
GSC	74.33	45 eP	16 01.47	-0.6				i	24 09.00	BCAO	163.25	228 iPKPd	24 26.00	-0.1
GLA	74.52	48 ePd	16 02.85	-0.3				e	24 12.00			ic	25 18.20	
LBFM	74.60	38 eP	16 03.29	-0.3	SPC	145.01	344 ePKP	24 00.50	-0.4		S.D. = 1.1	on 132 of 169 obs.		
BONR	74.81	42 eP	16 04.25	-0.8	NAI	145.20	243 iPKPc	24 04.50	2.2					
KVN	75.56	42 eP	16 10.02	0.9	Z	18s	0.14um		4.8MsZ					
TNP	75.59	43 eP	16 09.04	-0.3				e	24 07.00					
	1.2s	33.05nm		5.1mb	MOX	145.22	354 iPKPc	24 00.50	-0.4					
		ePp	16 31.03	83km			1.7s	98.00nm						
TUC	77.11	51 iPc	16 17.90	0.1				e	24 24.60					
	0.8s	46.17nm		5.4mb	ENN	145.37	0 ePKP	24 01.00	-0.1	NGZ	0.54	176 P	58 02.40	-0.3
		ePp	16 40.35	85km			1.0s	33.00nm		CNZ	0.57	180 P	58 02.60	-0.1
SHW	77.44	34 (P)	16 19.68	0.3	PRU	145.48	350 PKP	24 01.00	0.4	MOZ	0.60	282 P	58 03.20	0.3
VGB	77.81	35 eP	16 21.92	0.6			1.5s	99.70nm				S	58 21.30	
ARUT	77.94	45 eP	16 22.63	0.2	HOF	145.52	354 iPKPc	24 01.70	0.2	DRZ	0.64	179 eP	58 02.70	-0.8
LON	78.03	34 eP	16 21.74	-0.8	SNF	145.59	2 iPKPd	24 02.27	0.7	WLZ	0.76	3 P	58 04.00	0.2
SVW	78.26	9 eP	16 22.65	-0.8	VRI	145.66	334 ePKPc	24 02.00	0.2	WHH	0.78	109 P	58 02.90	-1.1
	0.9s	25.62nm		5.1mb	VRAC	145.76	348 iPKPd	24 02.50	0.7	PAHZ	1.20	101 Pd	58 06.40	-0.3
RMW	78.48	33 eP	16 24.47	-0.5				i	24 02.90	WAHZ	1.23	150 Pc	58 07.10	0.1
		ePp	16 47.10	85km	TNS	145.87	357 iPKPc	24 03.30	1.2	BSZ	1.26	202 iPc	58 07.80	0.7
SLKM	78.63	12 eP	16 24.10	-1.4	DOU	146.02	2 PKPc	24 03.50	1.2	URZ	1.28	74 Pd	58 06.10	-1.1
BGL	78.93	10 eP	16 25.49	-1.7			1.2s	72.20nm					S	58 26.20
CRP	78.98	10 eP	16 25.73	-1.8	GRF	146.20	354 iPKPd	24 03.70	1.1	MOH	1.34	112 P	58 08.00	0.2
MSU	79.17	45 ePc	16 29.52	0.3	Z	22s	0.10um		4.6MsZ	TTH	1.34	133 P	58 08.60	0.8
		ePp	16 52.36	86km				e	24 03.50	KUZ	1.80	4 P	58 13.40	0.6
		e	16 55.06		MLR	146.29	335 ePKPc	24 02.00	-1.1	MAHZ	1.90	108 P	58 13.20	0.2
		e	17 04.82		ISR	146.32	334 ePKPc	24 04.50	1.5	NOZ	1.95	90 P	58 13.50	0.1
DUG	79.61	43 eP	16 31.04	-0.3	KHC	146.46	351 PKP	24 03.50	0.4	MNG	1.98	182 Pc	58 13.90	0.1
	1.2s	12.85nm		4.7mb			1.5s	84.80nm				S	58 39.60	
TTA	79.95	8 eP	16 32.68	0.1				e	24 19.00	PGZ	2.06	165 Pc	58 14.70	0.2
	1.0s	10.84nm		4.7mb				e	24 20.50	KIW	2.28	192 P	58 17.10	0.1
KLU	80.41	13 eP	16 34.03	-1.1	WLF	146.48	0 iPKPd	24 05.00	2.1	HBZ	2.40	65 P	58 18.00	-0.3

18d 04h

CAW 2.50 188 P 58 19.50 0.1
 DIW 2.50 210 P 58 19.80 0.4
 MTW 2.52 181 P 58 19.40 -0.2
 MRW 2.68 194 P 58 21.40 0.0
 S 58 53.70
 AMW 2.68 177 P 58 21.20 -0.1
 WEL 2.72 193 P 58 22.10 0.3
 eS 58 54.60
 BLW 2.73 181 P 58 21.80 -0.2
 TCW 2.76 200 P 58 22.60 0.3
 MOW 2.79 185 P 58 22.40 -0.4
 ORZ 3.20 226 P 58 27.10 -0.4
 eS 59 06.20
 THZ 3.73 212 eP 58 34.10 0.1
 eS 59 18.20
 KHZ 4.08 201 P 58 38.70 0.4
 S 59 23.80
 DSZ 4.23 222 eP 58 39.50 -0.8
 LTZ 4.84 210 eP 58 47.50 -0.5
 S 59 40.50
 MOZ 5.52 202 eP 58 55.10 -1.6X
 S 59 54.50
 ODZ 7.38 208 eP 59 20.70 -0.3
 S.D. = 0.5 on 34 of 35 obs.

* NOV 18, 1992 05h 13m 22.91±0.35s
 14.856 S ± 8.3km 166.795 E ±10.5km
 DEPTH = 33.0km (normol)
 4.8mb (12 obs.)

VANUATU ISLANDS (186)

BKM 3.12 154 iPc 14 12.50 1.5
 iS 14 51.00
 DZM 7.18 183 iPc 15 06.80 -1.6
 iS 16 25.90
 CTA 20.27 252 P 17 59.70 1.2
 RMO 20.44 233 eP 18 00.80 0.5
 0.8s 12.00nm 4.3mb
 WB2 31.34 256 iPc 19 41.50 -1.3
 i 19 47.50
 WRA 31.35 256 P 19 41.50 -1.4
 WRA 31.35 256 P 19 48.80 5.9X
 0.8s 1.50nm 3.9mb
 MAT 57.81 333 eP 23 12.00 -1.5
 MDJ 68.18 332 eP 24 21.60 -0.4
 1.0s 9.20nm 4.8mb
 TIA 69.13 319 eP 24 28.00 -0.1
 CN2 69.52 329 Pd 24 34.00 3.7X
 0.6s 8.80nm 5.0mb
 TIY 73.04 318 eP 24 52.00 0.3
 XAN 73.44 313 Pd 24 54.00 -0.1
 0.8s 6.00nm 4.6mb
 LZH 78.07 312 Pd 25 22.50 2.1
 1.2s 25.00nm 5.1mb
 eP 25 36.50
 ANM 81.98 12 eP 25 40.84 0.3
 YAK 82.00 343 eP 25 43.00 2.4
 1.0s 50.00nm 5.5mb
 GTA 82.42 314 eP 25 45.00 1.5
 1.2s 14.00nm 4.9mb
 CRP 82.57 19 eP 25 43.13 -0.7
 PMR 83.77 20 eP 25 49.70 -0.1
 0.7s 7.56nm 5.0mb
 BALM 85.72 22 eP 26 00.00 0.3
 IMA 85.89 15 eP 26 00.73 0.2
 0.9s 4.64nm 4.7mb
 FBA 86.61 18 eP 26 02.31 -1.6
 0.7s 3.32nm 4.7mb
 RMW 88.73 40 (P) 26 13.77 -0.8
 GUN 89.06 299 P 26 17.20 0.3
 PKI 89.35 299 P 26 15.90 -2.4
 KKN 89.53 299 P 26 19.40 0.5
 DMN 89.62 299 P 26 19.80 0.4
 GKN 90.13 299 P 26 21.80 0.1
 YKA 97.87 27 eP 26 54.50 -1.5
 0.8s 1.10nm 4.4mb
 GEC2 139.55 333 ePKP 32 53.80 4.8X
 0.9s 1.10nm
 FLN 144.60 345 ePKP 32 55.60 -2.1
 0.9s 14.90nm
 LDF 144.67 345 ePKP 32 56.60 -1.3
 0.8s 12.35nm
 LOR 144.70 340 ePKP 32 56.70 -1.3
 1.0s 11.20nm
 LBF 144.91 339 ePKP 32 57.30 -1.1
 1.1s 16.35nm
 SSF 145.00 340 iPKPc 32 57.80 -0.7

GRR 0.9s 37.85nm
 145.04 346 ePKP 32 57.50 -1.0
 0.7s 23.60nm
 LPL 145.12 335 ePKP 32 58.70 -0.3
 0.8s 14.65nm
 LPG 145.12 335 ePKP 32 58.90 -0.2
 0.9s 29.50nm
 SMF 145.25 339 iPKPc 32 58.40 -0.5
 1.1s 31.00nm
 AVF 145.29 340 iPKPc 32 58.50 -0.4
 1.0s 23.40nm
 LPF 145.42 346 iPKPc 32 58.90 -0.2
 0.6s 19.30nm
 BGF 145.66 340 ePKP 32 59.80 0.2
 0.8s 17.05nm
 MAF 146.04 340 ePKP 33 01.10 0.8
 0.9s 14.40nm
 SBF 146.15 333 ePKP 33 01.10 0.5
 0.9s 65.05nm
 LSF 146.35 341 iPKPc 33 01.70 0.9
 0.9s 21.80nm
 MFF 146.52 344 iPKPc 33 02.30 1.3
 0.8s 26.45nm
 FRF 146.74 333 ePKP 33 02.90 1.4
 1.0s 39.00nm
 LRG 146.94 333 ePKP 33 03.60 1.8
 1.2s 73.80nm
 LMR 146.98 333 ePKP 33 03.70 1.9
 1.1s 33.20nm
 RJF 147.20 341 ePKP 33 04.40 2.2
 1.0s 21.60nm
 CAF 147.35 340 ePKP 33 05.20 2.7X
 1.0s 18.40nm
 LFF 147.77 341 iPKPc 33 06.10 3.1X
 0.9s 32.25nm
 LPO 147.86 341 ePKP 33 06.30 3.1X
 0.8s 17.60nm
 S.D. = 1.2 on 47 of 53 obs.

* NOV 18, 1992 06h 08m 51.11±1.81s
 44.147 N ± 6.7km 128.250 W ±17.6km
 DEPTH = 10.0km (geophysicist)
 4.0mb (7 obs.) 3.8Msz (6 obs.)

OFF COAST OF OREGON (30)

SHW 4.72 62 eP 10 03.98 -0.2
 S 11 08.99
 GMW 5.11 46 eP 10 09.83 0.3
 LON 5.23 58 eP 10 10.64 -0.6
 L8FM 5.45 119 eP 10 15.78 1.2
 VGB 5.49 73 eP 10 14.33 -0.6
 RMW 5.59 51 eP 10 16.58 0.2
 S 11 26.55
 MCW 5.88 38 eP 10 21.55 1.2
 ORV 6.81 130 eP 10 31.13 -2.4X
 DPW 7.92 58 eP 10 47.88 -1.3
 MEMM 9.57 129 eP 11 10.21 -1.6
 LRM 11.32 76 eP 11 35.30 -0.8
 ARUT 12.86 115 eP 11 57.00 0.2
 SES 13.24 56 eP 12 15.00 13.4X
 MSU 13.32 109 eP 12 00.49 -2.5X
 i 12 13.03
 BW06 13.65 89 (P) 12 07.50 0.2
 1.0s 2.17nm 4.0mb
 EMUT 13.67 102 eP 12 08.75 1.2
 SRU 14.17 105 eP 12 14.70 0.6
 i 12 22.72
 RSSD 17.37 82 eP 12 56.43 1.1
 0.8s 3.36nm 3.5mb
 GOL 17.58 97 eP 12 57.62 -0.3
 1.8s 32.98nm 4.2mb
 ALO 19.11 111 eP 13 15.09 -1.7
 1.0s 4.44nm 3.7mb
 YKA 20.02 19 eP 13 26.10 -0.5
 1.0s 3.10nm 3.6mb
 ULM 22.71 63 eP 13 59.00 5.1X
 WMOK 24.51 102 eP 14 11.49 -0.2
 0.9s 34.25nm 5.0mb
 Z 22s 0.28um 3.7Msz
 MEO 24.63 102 iPd 14 12.80 0.0
 OCO 25.04 100 iPc 14 17.50 0.8
 FNO 25.22 100 iPc 14 19.00 0.6
 TUL 26.05 97 eP 14 31.50 5.3X
 0.8s 88.30nm 5.5mb X
 Z 18s 0.33um 3.9Msz
 LR 24 38.00
 LNO 26.05 97 eP 14 31.30 5.3X

LNO2 26.05 97 eP 14 31.40 5.3X
 LNO3 26.05 97 eP 14 31.50 5.3X
 VVO 26.37 98 e(P) 14 34.50 5.4X
 UYO 27.86 99 iPd 14 47.30 4.6X
 MIAR 28.30 98 eP 14 50.86 4.2X
 1.0s 9.91nm 4.6mb
 Z 20s 0.24um 3.8Msz
 RSNY 37.83 70 P 16 20.00 10.7X
 Z 19s 0.16um 3.8Msz
 HRV 40.57 72 P 16 40.00 7.9X
 Z 18s 0.15um 3.9Msz
 CBM 41.31 64 P 16 50.00 11.9X
 Z 19s 0.12um 3.8Msz
 S.D. = 0.9 on 22 of 36 obs.

& NOV 18, 1992 06h 13m 01.50s
 34.512 N 116.520 W
 DEPTH = 0.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS).

PEC 0.82 221 ePc 13 16.70 -1.1
 S 13 27.54
 GSC 0.82 344 eP 13 17.01 -0.9
 SSK 1.02 253 ePn 13 20.42 -1.3
 S 13 34.09
 PLM 1.19 194 ePc 13 23.38 -1.3
 ISA 1.97 306 eP 13 34.32 -2.2
 GLA 2.03 135 ePn 13 34.47 -2.8
 ABL 2.25 279 (P) 13 40.01 -0.7
 BCH 3.01 284 eP 13 49.09 -2.3
 ARUT 4.11 36 eP 14 04.91 -2.2
 9 obs. associated

? NOV 18, 1992 07h 19m 23.75±2.19s
 15.823 S ±62.4km 173.973 W ±38.4km
 DEPTH = 144.1 ±15.1 km
 4.2mb (6 obs.)

TONGA ISLANDS (173)

AFI 2.85 48 P 20 09.40 -0.2
 eS 20 39.00
 DZM 19.53 248 iPd 23 44.00 2.4
 WRA 49.21 257 P 27 58.10 -1.4
 0.6s 0.40nm 3.4mb
 ASPA 49.46 252 iPd 27 59.30 -2.1
 0.7s 4.50nm 4.3mb
 TNP 75.52 43 eP 30 55.00 0.7
 0.8s 2.65nm 4.0mb
 TUC 77.08 51 eP 31 02.96 0.0
 0.8s 3.47nm 4.1mb
 PV10 81.20 46 eP 31 25.50 0.3
 LRM 82.69 38 eP 31 32.20 -0.5
 FBA 82.91 11 eP 31 32.91 -0.2
 0.8s 6.20nm 4.5mb
 BW06 82.95 42 eP 31 33.40 -0.7
 0.9s 3.95nm 4.2mb
 IMA 83.06 8 eP 31 35.00 1.0
 SES 85.86 35 ePd 31 47.80 -0.4
 GEC2 146.47 351 ePKP 38 49.00 1.1
 0.7s 1.22nm
 S.D. = 1.3 on 13 of 13 obs.

NOV 18, 1992 07h 39m 38.06±0.62s
 21.852 S ± 6.5km 68.467 W ± 9.8km
 DEPTH = 146.8 ± 9.5 km
 5.1mb (1 obs.)

CHILE-BOLIVIA BORDER REGION (124)

ANT 2.58 224 iPd 40 20.00 -0.4
 iS 40 46.90
 SLA 3.96 137 ePc 40 39.40 0.8
 CCH 4.96 27 P 40 52.00 0.0
 CNCB 5.04 5 P 40 53.90 0.6
 ZOBO 5.54 3 P 41 00.00 -0.2
 ARE 6.08 331 eP 41 07.00 0.0
 iS 42 11.00
 SIV 9.11 51 eP 41 47.00 -0.5
 VAO 19.91 97 eP 43 59.00 -1.4
 e 44 01.90
 LIC 68.09 73 P 50 24.60 0.3
 TIC 68.28 73 P 50 26.00 0.5
 KIC 68.41 73 P 50 26.00 0.3
 0.6s 18.50nm 5.1mb
 S.D. = 0.7 on 11 of 11 obs.

NOV 18, 1992 07h 48m 15.04±0.57s

18.714 S \pm 5.4km 177.683 W \pm 6.5km
 DEPTH = 565.7 \pm 7.6 km
 4.7mb (28 obs.)
 FIJI ISLANDS REGION (181)

SVA	3.71	279	eP	49	36.70	-1.2
AFI	7.41	51	iPc	50	10.00	1.8
BKM	13.42	272	iP	51	10.00	2.2
DZM	15.25	255	iPc	51	25.20	-0.7
			i	54	07.90	
OUZ	18.17	203	P	51	57.60	3.9X
WCZ	18.55	201	P	52	00.00	3.6X
	0.8s	107.00nm			5.5mb	
KUZ	18.88	197	P	52	02.90	2.6X
WLZ	19.97	196	P	52	12.50	2.1
URZ	20.00	192	P	52	10.00	-0.6
NOZ	20.18	190	eP	52	13.40	1.1
	0.7s	65.00nm			5.4mb	
MNG	22.61	194	eP	52	33.30	-1.0
QRZ	23.59	199	P	52	43.60	0.5
THZ	24.34	197	P	52	50.40	0.6
KHZ	24.78	196	P	52	53.00	-0.6
LTZ	25.46	197	P	52	58.30	-1.4
LMZ	27.24	201	P	53	15.10	0.0
	0.8s	169.00nm			5.7mb	
BWZ	27.77	199	P	53	19.00	0.1
LRCZ	28.41	200	P	53	24.00	-0.7
MMCCZ	28.43	200	P	53	24.60	-1.0
MHZ	28.43	200	P	53	24.60	-1.0
SBCZ	28.45	200	P	53	25.00	-0.7
LSCZ	28.45	199	P	53	25.20	-0.5
CMCZ	28.51	200	P	53	25.50	-0.8
TLC	28.61	200	P	53	26.30	-0.9
ARMA	30.15	241	iPc	53	41.60	1.1
	0.2s	8.00nm			5.0mb	
RMQ	31.87	250	iPc	53	55.90	1.0
	0.5s	16.00nm			4.9mb	
CAN	33.78	234	iPc	54	11.90	1.0
BWA	33.92	236	iPc	54	11.10	-1.0
CTA	34.00	262	iPc	54	12.90	0.1
CMS	35.24	242	iPc	54	24.00	1.1
	0.3s	14.00nm			5.1mb	
TOD	37.21	232	iPd	54	40.60	1.5
	1.0s	100.00nm			5.4mb	
STK	38.86	242	iPc	54	57.00	5.3X
	1.0s	38.20nm			4.9mb	
WBZ	45.16	260	iPd	55	41.30	-1.0
		eS		01	38.10	
WRA	45.17	260	P	55	41.00	-0.6
	1.2s	5.80nm			4.0mb	
ASPA	45.24	255	iPc	55	42.00	-0.2
	0.8s	49.00nm			5.1mb	
		i		57	10.50	
		iS		01	40.40	
MBL	58.46	256	eP	57	14.70	-3.4X
	0.4s	3.00nm			3.9mb	
MAT	68.96	323	eP	58	22.00	-2.1
	1.2s	23.44nm			4.6mb	
ADK	70.30	1	eP	58	27.76	-3.8X
	0.6s	14.16nm			4.7mb	
BCH	76.52	45	eP	59	05.10	-2.2
ABL	76.92	46	eP	59	10.04	0.5
PLM	77.75	48	ePd	59	14.57	0.6
PEC	77.82	48	eP	59	13.54	-0.7
	0.8s	5.38nm			4.0mb	
ISA	77.88	46	eP	59	14.76	0.3
	0.9s	14.01nm			4.4mb	
CMB	77.96	43	eP	59	14.75	-0.1
	1.0s	11.41nm			4.3mb	
ORV	78.14	41	eP	59	15.11	-0.6
		e		01	33.05	
LGPM	78.14	39	eP	59	15.92	0.1
GSC	78.82	47	eP	59	19.67	0.2
LBFM	78.97	39	eP	59	20.68	0.4
		e		01	28.64	
KDC	79.01	13	eP	59	18.68	-1.1
MDJ	79.24	325	Pc	59	21.40	0.1
	1.1s	26.00nm			4.6mb	
CN2	81.08	322	eP	59	30.40	-0.4
	1.2s	26.00nm			4.6mb	
TUC	81.65	52	ePd	59	35.50	1.4
	1.3s	25.73nm			4.6mb	
SHW	81.72	35	eP	59	34.89	0.7
VGB	82.12	36	(P)	59	35.71	-0.4
BGL	82.25	12	eP	59	34.64	-1.8
CRP	82.29	12	eP	59	33.63	-3.2X
ARUT	82.43	46	eP	59	38.70	0.7

RMW	82.73	34	eP	59	39.14	0.0
TTA	83.14	10	eP	59	39.91	-1.0
	1.2s	14.60nm			4.4mb	
MSU	83.66	46	eP	59	45.04	0.8
BALM	84.39	16	eP	59	47.00	-0.2
DPW	84.94	36	eP	59	49.82	-0.2
SRU	85.07	46	eP	59	51.34	0.3
EMUT	85.22	45	(P)	59	51.15	-0.6
PV10	85.75	47	eP	59	55.50	1.1
NEW	85.76	36	eP	59	53.50	-0.4
	1.0s	9.50nm			4.5mb	
ALD	86.06	51	eP	59	56.16	0.3
	1.1s	10.53nm			4.5mb	
FBA	86.44	12	eP	59	54.79	-2.0
	1.0s	23.78nm			4.9mb	
IMA	86.44	10	eP	59	56.40	-0.5
	1.5s	15.54nm			4.5mb	
LRM	87.15	39	eP	00	01.30	0.4
XAN	87.29	307	P	00	02.00	0.5
	1.3s	26.00nm			4.8mb	
BW06	87.47	43	ePc	00	01.90	-0.5
	1.3s	16.94nm			4.7mb	
SES	90.26	36	ePd	00	14.50	-0.3
RSSD	91.66	44	eP	00	21.00	0.1
	1.1s	15.38nm			4.9mb	
LZH	91.92	307	Pc	00	24.00	1.0
	1.5s	35.00nm			5.2mb	
CBM	116.73	46	(PKP)	05	53.57	-1.2
KAF	133.52	345	iPKP	06	25.90	-0.5
	0.4s	3.30nm				
NUR	135.31	344	ePKP	06	30.00	0.2
NAO	137.50	354	PKP	06	33.20	-0.8
	0.6s	2.20nm				
EKA	143.21	5	PKP	06	41.00	-3.2X
	1.3s	21.30nm				
OJC	145.60	340	ePKP	06	49.90	1.5
WIT	145.80	355	ePKP	06	51.00	2.4X
KSP	146.07	344	ePKP	06	49.30	0.1
		Id		06	51.20	
SPC	146.34	339	ePKP	06	51.00	1.1
CLL	146.39	348	iPKPd	06	51.90	2.2
	0.9s	67.00nm				
WTS	146.60	355	ePKP	06	53.00	3.1X
	0.9s	52.00nm				
BRG	146.61	347	iPKPd	06	52.60	2.6X
	1.2s	42.00nm				
		e		07	51.60	
HRI	146.81	303	ePKP	06	54.10	3.0X
MLR	146.87	329	ePKPd	06	54.00	3.2X
MOX	147.29	349	iPKPd	06	54.40	3.3X
	1.6s	49.00nm				
PRU	147.30	345	PKPd	06	54.50	3.3X
	1.0s	13.80nm				
		e		07	46.00	
PSZ	147.54	338	ePKPd	06	55.30	3.6X
ENN	147.89	356	ePKP	06	55.50	3.4X
	1.0s	22.00nm				
SRO	148.18	339	iPKP	06	57.30	4.7X
ZST	148.23	341	ePKP	06	57.00	4.3X
GRF	148.28	349	iPKPd	06	57.40	4.6X
KHC	148.32	346	ePKP	06	53.20	0.3
	1.4s	36.50nm				
		e		06	57.50	
		e		07	02.00	
MBH	148.44	297	ePKP	06	58.20	4.5X
SAGI	148.52	298	ePKP	06	58.00	4.2X
GEC2	148.56	346	ePKP	06	53.30	0.0
	1.1s	2.31nm				
		e		06	58.00	
		e		07	02.20	
		e		07	03.80	
DOU	148.64	357	PKP	06	58.70	5.5X
WLF	148.97	355	PKPc	06	59.60	5.9X
FLN	149.94	4	iPKPd	07	00.70	5.5X
CDF	150.10	353	iPKPd	07	01.40	5.7X
	1.0s	36.00nm				
LDF	150.13	3	iPKPd	07	01.10	5.6X
	0.9s	27.20nm				
GRR	150.29	4	iPKPd	07	01.70	5.9X
	0.8s	27.95nm				
KBA	150.30	345	iPKPd	07	00.00	4.7X
	0.8s	13.60nm				
WTTA	150.52	347	iPKP	06	47.00	-0.6X
	0.4s	15.10nm				
		i		06	52.70	
		i		07	02.40	
HAU	150.60	354	iPKPd	07	02.50	6.2X

LPF	150.63	5	iPKPd	07	02.60	6.3
	0.8s	47.80nm				
BSF	150.73	354	iPKPd	07	02.00	6.2
	0.6s	9.00nm				
VBY	151.20	341	ePKP	07	04.20	7.0
LOR	151.49	358	iPKPd	07	04.60	6.9
	0.9s	26.35nm				
SSF	151.71	358	iPKPd	07	05.20	7.3
	1.0s	29.60nm				
LBF	151.77	358	iPKPd	07	05.20	7.1
	0.8s	11.55nm				
AVF	151.99	358	ePKP	07	05.40	7.1
	0.9s	7.35nm				
MFF	152.11	4	iPKPd	07	05.00	7.3
	1.0s	29.40nm				
SMF	152.12	358	ePKP	07	05.90	7.3
BGF	152.23	359	ePKP	07	06.20	7.5
	0.9s	26.05nm				
TCF	152.50	0	iPKPd	07	06.00	7.7
	0.9s	12.30nm				
MAF	152.57	360	ePKP	07	07.20	8.0
	0.8s	11.95nm				
LPL	153.02	353	ePKP	07	08.90	8.8
	1.0s	10.00nm				
BCAO	158.73	230	iPKPd	07	08.90	0.9
	1.0s	15.00nm				
		ic		07	49.00	
LIC	165.67	149	PKP	07	15.30	0.6
KIC	165.93	150	PKP	07	15.50	0.6
TIC	166.04	148	PKP	07	15.60	0.6
	S.D. = 1.0	on	82	of	126	obs.
NOV 18, 1992 08h 20m 08.55 \pm 0.46s						
40.161 N \pm 4.5km 29.275 E \pm 4.0km						
DEPTH = 10.0km (geophysicist)						
TURKEY (366)						
MD 3.2 (ISK).						
GBZT	0.64	12	ePg	20	22.50	1.1
			iSg	20	36.00	
KCT	0.71	277	iPg	20	22.20	-0.3
			iSg	20	32.20	
DST	0.75	222	iPg	20	22.90	-0.3
			eSg	20	33.10	
EYL	0.79	59	iPg	20	23.60	-0.3
			eSg	20	35.60	
GPA	0.80	81	iPg	20	23.50	

18d 10h

SOUTHERN NORWAY (535)
MD 0.7 (BER).

EGD 0.02 19 iPc 18 31.79 0.0
IS 18 32.49
BER 0.14 25 iPc 18 33.29 0.1
eS 18 35.73
ASK 0.23 358 eP 18 34.79 -0.1
eS 18 38.70
SUE 0.84 345 eP 18 46.07 0.0
eS 18 58.68
NRA0 3.17 79 Pg 19 29.42 8.7X
Lg 20 07.59

S.D. = 0.1 on 4 of 5 obs.

NOV 18, 1992 12h 01m 56.06 ± 1.01s
41.930 N ± 9.9km 21.703 E ± 5.5km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 2.3 (SKO).

SKO 0.20 282 ePg 02 00.50 0.0
0.3s 126.00nm
ISg 02 03.60
I 02 06.00
VAY 0.89 133 iPg 02 12.40 -0.7
ISg 02 22.40
OHR 1.06 220 iPg 02 15.80 -0.3
ISg 21 28.70
GRG 1.10 151 ePg 02 16.64 -0.2
ISg 02 30.72
FNA 1.17 192 ePg 02 17.92 -0.1
eSg 02 34.08
SRS 1.63 119 ePb 02 25.08 0.1
eSb 02 44.28
SOH 1.66 131 ePb 02 25.36 -0.1
eSb 02 47.48
LIT 1.92 162 ePb 02 30.40 1.3
eSb 02 56.56
OUR 2.35 132 ePn 02 35.32 0.1
AGG 2.94 170 iPn 02 43.64 -0.1

S.D. = 0.6 on 10 of 10 obs.

? NOV 18, 1992 12h 48m 10.44 ± 2.31s
28.090 S ± 38.8km 176.001 W ± 18.3km
DEPTH = 149.7 ± 20.9 km
4.5mb (2 obs.)

KERMADEC ISLANDS REGION (177)

RAO 2.04 235 eP 48 46.50 0.1
eS 49 27.90
DZM 16.99 287 iPc 52 00.80 0.2
RMO 31.30 265 eP 54 18.00 0.2
CTA 35.26 275 iPc 54 51.00 -1.6
ASPA 45.04 264 eP 56 13.00 0.0
0.4s 6.50nm 4.6mb
ALQ 90.77 50 ePc 00 57.50 -0.4
1.0s 3.50nm 4.4mb
e 01 39.40
CHG 94.47 289 eP 01 16.70 1.7
NAO 146.95 354 KP 07 33.60 -0.3
0.9s 5.10nm

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

? NOV 18, 1992 13h 14m 53.65 ± 3.10s
10.954 N ± 13.3km 60.648 W ± 33.9km
DEPTH = 33.0km (normal)

TRINIDAD (98)
MD 3.4 (TRN).

BOT 0.22 342 eP 15 00.05 -0.4
eS 15 11.00
TPR 0.26 331 eP 15 00.96 0.0
eS 15 12.39
PIG 0.28 317 eP 15 01.86 0.7
eS 15 13.36
TRN 0.80 248 eP 15 08.00 -0.5
eS 15 25.63
TPP 1.01 231 eP 15 11.79 0.3
eS 15 30.07
GRW 1.56 320 eP 15 19.02 -0.4
eS 15 40.14

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

& NOV 18, 1992 14h 10m 11.57s
34.089 N 117.106 W
DEPTH = 13.0km

SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS), 3.6 (GS).
Felt (III) at Beaumont,
Calimesa, Highland, Redlands and
Yucaipa. Felt in parts of
Orange, San Bernardino and San
Diego Counties.

PEC 0.13 201 iPd 10 14.82 -0.2
SSK 0.53 293 ePc 10 21.47 -0.8
VPD 0.58 251 iPc 10 22.56 -0.5
PEM 0.65 284 iPc 10 23.68 -0.7
PLM 0.68 163 ePd 10 24.19 -0.8
S 10 32.82
FLAS 0.74 259 ePc 10 25.90 0.2
S 10 36.45
MWC 0.82 285 iPc 10 26.40 -0.9
LNAS 0.82 255 iPd 10 27.53 0.4
RCP2 0.89 255 eP 10 28.51 0.3
PAS 0.90 279 ePc 10 27.54 -0.9
LCL 0.92 259 eP 10 29.25 0.4
GFP 1.01 277 eP 10 29.39 -0.9
FMA 1.02 254 eP 10 30.06 -0.6
DHB 1.06 271 eP 10 31.34 0.2
PVRC 1.08 257 ePc 10 30.84 -0.8
PVPS 1.10 259 ePc 10 31.07 -0.9
S 10 46.74

SCY 1.12 275 ePc 10 31.30 -1.0
CIS 1.24 241 eP 10 32.93 -1.4
GSC 1.31 11 iPc 10 35.20 -0.4
ABL 1.94 296 eP 10 43.79 -0.9
ISA 2.00 326 ePnd 10 44.62 -0.8
eS 11 12.25

GLA 2.13 116 ePn 10 45.07 -2.3
BCH 2.72 296 ePn 10 55.28 -0.6
PKEM 3.20 311 (P) 11 01.37 -1.2
MTUM 3.54 341 ePn 11 07.34 -0.2
ePg 11 16.35
eS 11 59.12

MRCM 3.83 343 ePn 11 11.54 -0.1
S 12 13.20
MMPM 3.92 337 ePn 11 12.19 -0.8
eS 12 12.19

MEMM 3.94 338 ePn 11 13.73 0.8
eS 12 16.28

BONR 4.06 347 ePn 11 15.13 0.2
ePg 11 26.70

TNP 4.07 359 ePn 11 14.12 -0.8
ePg 11 25.68

ARUT 4.80 37 (P) 11 23.54 -1.9
CMB 4.82 327 eP 11 24.10 -1.4
ARN 4.91 314 eP 11 25.12 -1.7
COE 4.93 312 (P) 11 28.71 1.6

MSU 6.01 40 (Pn) 11 43.14 0.7
DUG 7.06 28 (Pn) 11 56.08 -1.2
SRU 7.35 44 ePg 12 25.06 23.8

37 obs. associated

? NOV 18, 1992 14h 11m 43.19 ± 10.14s
58.243 N ± 85.6km 6.466 E ± 20.3km
DEPTH = 10.0km (geophysicist)

SOUTHERN NORWAY (535)
MD 2.8 (BER).

KMY 1.16 327 eP 12 04.50 -0.4
eS 12 20.98
EGD 2.13 343 eP 12 19.55 0.3
eSg 12 49.49
ASK 2.34 344 eP 12 22.94 0.7
eSg 12 54.74
HYA 2.94 357 eP 12 30.71 0.0
eSg 13 14.16
SUE 2.95 344 eP 12 30.55 -0.4
eS 13 04.87
NRA0 3.60 44 Pn 12 40.05 -0.1
Pg 12 48.99
Lg 13 42.19
MOL 4.38 7 eP 12 50.97 -0.2

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

* NOV 18, 1992 14h 22m 06.93 ± 1.06s
38.118 N ± 9.6km 21.242 E ± 8.2km
DEPTH = 10.0km (geophysicist)
3.5mb (1 obs.)

GREECE (364)
MD 3.7 (ATH).

VLS 0.52 277 ePg 22 16.50 -0.9
AGG 1.24 43 ePb 22 27.92 -2.1
eSb 22 49.60
IGT 1.58 334 ePn 22 36.36 1.3
eSn 23 03.12

VLI 1.94 135 ePn 22 41.30 1.0
ATH 1.96 93 ePn 22 40.30 -0.2
LIT 2.21 26 ePn 22 45.44 1.3
eSn 23 17.64
KZN 2.22 10 ePb 22 45.60 1.1
FNA 2.66 2 ePn 22 51.36 0.7

GRG 2.97 17 ePn 22 54.96 -0.1
OHR 3.01 354 ePn 22 55.20 -0.3
i 23 04.20
i 23 51.20
SOH 3.16 31 ePn 22 57.72 0.1
VAY 3.36 17 iPn 23 02.60 2.1

SRS 3.50 30 ePn 23 00.20 -2.3
SKO 3.85 2 ePn 23 14.00 6.5X
i 23 19.10
i 24 03.20
HFS 22.55 350 eP 27 06.50 -1.7
0.4s 0.80nm 3.5mb

S.D. = 1.5 on 14 of 15 obs.

NOV 18, 1992 14h 43m 31.44 ± 0.86s
37.624 N ± 8.5km 20.431 E ± 5.5km
DEPTH = 10.0km (geophysicist)
4.0mb (2 obs.)

IONIAN SEA (399)
ML 3.8 (ATH), 3.6 (TIR).

VLS 0.57 13 ePg 43 42.50 -0.4
IGT 1.91 358 ePn 44 08.48 4.2X
eSn 44 36.12
AGG 2.04 46 ePn 44 07.40 1.1
eSn 44 34.64

KEK 2.14 347 ePg 44 13.90 6.2X
VLI 2.20 114 ePn 44 07.20 -1.3
SRN 2.28 352 ePn 44 17.30 7.7X
ATH 2.63 81 ePb 44 16.50 1.9
TPE 2.69 353 ePn 44 13.00 -2.5

KZN 2.87 21 ePn 44 19.70 1.5
LIT 2.95 32 ePn 44 19.48 0.3
FNA 3.24 13 ePn 44 24.24 0.9
eSn 45 03.68
PAIG 3.43 47 ePn 44 24.64 -1.3
SOI 3.49 279 P 44 25.40 -1.5
eSn 45 05.70

OHR 3.49 5 iPn 44 28.70 1.8
i 44 38.00
i 45 16.80
i 45 30.40

THE 3.59 32 ePn 44 28.20 -0.1
GRG 3.66 24 ePn 44 29.00 -0.3
TIR 3.74 353 ePn 44 35.00 4.5X
iSn 45 25.00

TDS 3.79 304 P 44 32.00 0.8
SOH 3.92 35 ePn 44 32.80 -0.2
ATN 3.97 279 P 44 34.00 0.4
eSn 45 17.40

VAY 4.05 23 iPn 44 34.20 -0.5
PHP 4.06 0 ePn 44 34.00 -0.9
iSn 45 07.00

BRT 4.10 323 P 44 35.90 0.4
eSn 45 24.50
SRS 4.26 34 ePn 44 36.60 -1.2
SKO 4.41 10 ePn 44 41.20 1.3
iPg 44 55.20
iSn 45 30.00
i 45 56.00

SDA 4.48 351 ePn 44 56.00 15.1X
BCI 4.74 357 ePn 45 01.30 16.6X
SGO 4.95 308 P 44 49.50 2.0
eSn 45 44.60

HVAR 6.32 333 e(Pn) 45 08.20 1.2
iSn 46 13.70
MLR 8.88 26 eP 45 42.00 -0.8
PTJ 8.92 339 eP 45 42.30 -1.0
VRI 9.48 28 eP 45 52.00 1.0

CLL 14.66 341 eP 47 16.00 15.4X
1.9s 32.00nm
OBN 20.65 27 eP 48 18.00 4.5X
e 48 39.00
HFS 22.94 351 eP 48 34.40 -2.1
0.4s 1.20nm 3.8mb
KAF 24.78 7 iP 48 52.70 -1.7

0.7s 4.70nm 4.3mb
GBA 55.77 99 P 53 12.00 1.1
S.D. = 1.3 on 29 of 37 obs.

& NOV 18, 1992 15h 02m 10.96s
59.548 N 153.418 W
DEPTH = 115.6km
SOUTHERN ALASKA (2)
<AEIC>

OPT	0.14	42	ePc	02 26.37	0.8
			eS	02 37.38	
AUL	0.17	183	iPc	02 26.57	1.0
AUW	0.10	189	ePc	02 26.55	0.9
AUH	0.19	184	ePc	02 26.62	0.9
AUP	0.19	180	ePc	02 26.64	0.9
AUE	0.19	173	iPc	02 26.49	0.8
AUI	0.21	181	iPc	02 26.56	0.8
			eS	02 30.64	
PDB	0.46	302	iPd	02 27.61	-0.8
			eS	02 40.50	
INW	0.54	15	iPd	02 28.08	-1.0
			eS	02 41.62	
INE	0.55	19	ePd	02 28.27	-0.9
			eS	02 42.10	
ILIM	0.50	23	iPd	02 28.40	-0.9
			eS	02 42.13	
MCNL	0.59	233	ePd	02 28.42	-0.9
CDD	0.63	191	iPc	02 28.63	-1.0
			eS	02 42.70	
XLV	0.87	95	eP	02 30.97	-0.7
HOM	0.91	82	ePc	02 31.34	-0.6
			eS	02 47.63	
RS1	0.97	20	iPd	02 32.01	-0.9
			eS	02 48.43	
RS2	0.98	20	iPd	02 32.05	-0.9
			eS	02 49.23	
RSO	0.98	20	iPd	02 32.00	-0.9
RDW	0.99	10	iPd	02 32.04	-1.0
REF	1.01	21	iPd	02 32.30	-0.9
			eS	02 48.57	
RDN	1.02	10	ePd	02 32.53	-0.8
NCT	1.05	13	iPd	02 32.56	-0.9
SYI	1.08	150	ePc	02 32.29	-1.4
			eS	02 48.62	
DFR	1.11	19	iPd	02 33.20	-1.0
			eS	02 50.51	
CNPM	1.11	90	iPc	02 32.91	-1.2
			eS	02 49.67	
BRLK	1.30	79	eP	02 34.86	-1.4
			eS	02 52.66	
NKA	1.62	41	ePc	02 40.45	0.5
CKL	1.74	18	iPd	02 40.56	-1.0
			eS	03 02.32	
CKT	1.76	19	iPd	02 40.66	-1.1
			eS	03 05.30	
SPU	1.77	22	iPd	02 40.67	-1.2
			eS	03 04.60	
CKN	1.79	20	eP	02 41.15	-0.9
			eS	03 06.63	
BGL	1.80	16	ePd	02 41.13	-1.1
CP2	1.82	18	ePd	02 41.76	-0.8
CRP	1.84	19	eP	02 41.13	-1.6
KDC	1.87	165	(P)	02 39.83	-3.1
SLKM	1.87	58	eP	02 41.34	-1.7
CGLM	1.90	21	ePd	02 42.44	-1.1
SVW	1.91	326	eP	02 42.01	-1.6
NCG	1.96	18	ePd	02 43.39	-0.9
SEW	2.00	73	eP	02 43.83	-1.8
MPA	2.25	63	ePc	02 46.24	-1.6
SUA	2.33	33	ePd	02 48.03	-1.1
PTE	2.56	57	eP	02 50.47	-1.4
PMS	2.56	47	ePc	02 50.43	-1.6
SKT	2.61	20	ePd	02 51.10	-1.5
PWA	2.74	38	eP	02 52.90	-1.4
LTI	2.86	78	ePc	02 53.94	-1.9
PLRM	2.95	44	eP	02 54.05	-2.2
PMR	2.95	44	eP	02 54.71	-2.3
MTU	2.95	79	eP	02 55.24	-1.9
KNIM	2.97	72	ePc	02 54.98	-2.4
KNK	3.09	51	ePc	02 56.63	-2.4
GHO	3.14	43	eP	02 57.19	-2.6
SML	3.30	46	eP	03 00.13	-2.0
GLI	3.43	04	eP	03 01.27	-2.3
HIN	3.58	73	eP	03 03.29	-2.3
FID	3.67	68	eP	03 03.90	-3.0
SCM	3.77	50	eP	03 05.72	-2.6

KLU 4.19 59 eP 03 10.70 -3.2
(S) 03 54.28
59 obs. associated

NOV 18, 1992 15h 12m 25.22± 0.85s
38.365 N ± 7.6km 21.801 E ± 7.8km
DEPTH = 10.0km (geophysicist)
GREECE (364)
MD 3.5 (ATH).

AGG	0.78	32	iPg	12 38.80	-1.6
			eSg	12 50.76	
VLS	0.97	259	ePg	12 41.00	-2.7
ATH	1.56	104	ePb	12 52.80	-0.2
IGT	1.63	316	iPb	12 55.92	1.8
			eSb	13 10.24	
LIT	1.81	17	ePb	12 56.84	0.1
			eSb	13 18.94	
VLI	1.88	151	ePn	12 59.50	1.9
KZN	1.94	359	ePn	12 50.90	0.3
KEK	2.06	311	ePg	13 04.10	3.0X
SRN	2.06	318	ePn	13 03.40	3.1X
PAIG	2.14	43	iPn	12 59.98	-1.4
			eSn	13 27.12	
TPE	2.30	325	ePn	13 04.00	-0.8
FNA	2.44	352	iPn	13 06.69	0.9
GRG	2.63	10	ePn	13 08.44	0.8
SOH	2.73	26	ePn	13 09.33	-0.6
			iSn	13 41.78	
OHR	2.85	345	ePn	13 13.70	2.1
			i	13 16.50	
			i	13 55.20	
VAY	3.01	11	iPn	13 13.70	-0.1
SRS	3.08	26	ePn	13 14.40	-0.3
TIR	3.33	334	ePn	13 24.60	6.2X
PHP	3.48	343	ePn	13 26.10	5.7X
SKO	3.61	356	iPn	13 23.00	0.6
			i	13 54.00	
			iSn	14 03.80	

S.D. = 1.4 on 16 of 20 obs.

NOV 18, 1992 16h 02m 08.25± 0.66s
6.957 S ± 3.1km 129.950 E ± 4.2km
DEPTH = 123.3 ± 6.7 km
5.1mb (41 obs.)

BANDA SEA (200)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.8.: 285, 37C
Centroid Location:
Origin Time 16:02:14.5 0.5
Lat 6.785 0.04 Lon 130.26E 0.04
Dep 138.2 1.3 Half-duration 1.1
Moment Tensor: Scale 10**16 Nm
Mrr= 8.31 0.32 Mtt=-5.45 0.51
Mff=-2.06 0.63 Mrt= 0.90 0.29
Mrf= 2.38 0.39 Mtf= 6.17 0.43
Principal Axes:
T Vol= 9.20 Plg=71 Azm=303
N 1.29 19 130
P -10.49 2 40
Best Double Couple: Mo=9.8*10**16
NP1: Strike=111 Dip=46 Slip= 63
NP2: 327 50 115

TLE	3.07	65	iPd	02 50.00	1.8
			iS	03 21.50	
MTN	5.96	169	iPd	03 33.00	-1.7
KUPT	7.04	243	ePd	03 54.00	3.0X
			iS	05 07.50	
KNA	8.82	188	iPd	04 12.10	-2.1
			eS	05 44.00	
WB2	13.60	162	iPd	05 12.10	-5.2X
			iS	07 35.10	
MNDI	13.63	87	eP	05 17.50	-0.5
WWKK	14.00	77	eP	05 14.00	-8.5X
KHKI	14.29	263	ePc	05 25.50	-0.6
			eS	08 00.20	
			e	20 30.50	
DAV	14.62	343	eP	05 34.00	3.7X
BIP	15.53	346	eP	05 42.50	0.8
CGP	16.18	341	ePc	05 50.50	0.6
TSM	16.44	312	ePd	05 56.20	3.0X
LAT	16.93	90	eP	06 00.40	1.3
ASPA	17.04	160	iPc	05 57.90	-2.6
			eS	08 57.20	
MBL	17.10	214	eP	05 59.00	-3.2X

PMG	17.20	99	eP	06 02.00	
PLP	18.67	345	ePd	06 03.20	0.8
KKM	18.84	313	ePc	06 19.00	0.2
			eS	06 23.00	2.5
WARB	0.5s	25.80nm			4.0mb
	19.38	189	eP	06 26.50	-0.5
CTA	20.50	131	iPd	06 39.00	0.5
	1.0s	6.25nm			3.9mb
		i	06 41.60		
		iP	06 57.50	91km	
		i	07 06.00		
		eS	10 15.00		
		e(ScS)	17 27.00		
NANU	20.83	220	eP	06 42.00	0.2
	0.4s	84.00nm			5.5mb
		eS	10 34.00		
MEEK	22.35	200	eP	06 56.50	-0.3
	0.3s	30.00nm			5.1mb
		i	07 11.00		
		eS	11 06.00		
QLP	23.70	147	eP	07 10.50	-0.2
		eS	11 44.00		
BAG	25.00	330	eP	07 22.00	-0.5
COOL	25.20	198	eP	07 24.00	0.0
	0.4s	18.00nm			4.9mb
MRWA	25.76	209	eP	07 29.50	0.3
	0.4s	8.00nm			4.6mb
		e	07 57.00		
		eS	12 21.00		
CVP	25.79	342	ePd	07 29.70	0.2
RMQ	26.41	140	eP	07 35.30	0.1
	0.6s	36.00nm			5.1mb
BAL	26.61	206	eP	07 38.50	1.6
		eS	12 41.00		
KLB	27.03	203	eP	07 41.50	0.7
		e	08 13.00	151km	
STK	27.07	150	iPd	07 44.50	3.4
	0.5s	22.00nm			5.0mb
		iP	08 15.40	148km	
		eS	12 56.50		
MUN	28.00	205	eP	07 46.00	-3.5
		e	08 29.00		
CMS	28.56	151	iPd	07 54.60	0.1
		epP	08 25.00	144km	
ADE	29.02	165	eP	08 00.20	1.5
BRS	29.69	136	iPc	08 03.50	-1.3
	0.8s	9.00nm			4.5mb
		i	08 34.00		
ARMA	30.96	142	eP	08 16.20	0.3
IPM	31.07	291	ePd	08 18.60	1.6
BWA	32.21	151	eP	08 28.00	1.3
QIZ	32.56	323	eP	08 29.60	-0.2
CAN	33.21	151	eP	08 36.10	0.7
TOO	33.59	157	iPd	08 40.20	1.6
	0.3s	10.00nm			5.1mb
		e	09 07.50		
NNT	35.77	303	iPd	08 57.30	-0.1
LOE	36.93	311	eP	09 07.50	0.4
NST	37.12	307	eP	09 13.00	4.3
KHT	37.87	305	iPc	09 15.30	0.3
KAGJ	37.94	1	P	09 16.20	0.8
SSE	38.76	340	Pc	09 22.00	-0.2
	1.0s	11.00nm			4.6mb
	2.0s	0.50um			4.3msz
BKM	38.81	110	iPc	09 23.00	0.9
BDT	38.91	309	eP	09 24.00	0.3
	1.0s	407.10nm			6.2mb
KUMJ	39.20	1	P	09 26.10	-0.4
CHG	39.80	310	ePc	09 32.30	0.6
	0.9s	54.62nm			5.3mb
GYA	40.18	327	iPc	09 34.70	0.6
	1.0s	65.00nm			5.4mb
		PcP	11 37.00		
WHN	40.18	339	Pc	09 35.00	1.1
	1.0s	89.00nm			5.5mb
		pP	10 04.20	130km	
NJ2	40.21	345	Pd	09 35.00	0.8
	0.8s	29.00nm			5.1mb
KMI	41.46	321	Pc	09 46.00	1.2
	1.0s	40.00nm			5.1mb
CHJJ	43.61	11	P	10 00.60	-1.3
MTMJ	43.93	9	P	10 03.60	-1.0
MAT	43.96	10	iPc	10 03.00	-1.7
	0.8s	14.18nm			4.0mb
		eS	16 19.00		
TIA	44.60	345	eP	10 09.40	-0.5
	1.0s	17.00nm			4.7mb

HBZ	22.98	157	P	41	50.10	0.9
URZ	23.14	160	P	41	51.60	0.8
QLP	23.35	241	iPc	41	54.00	1.0
	0.5s	32.00nm				5.1mb
NOZ	23.78	158	P	41	56.60	-0.4
CMS	24.26	229	iPc	42	03.00	1.2
	0.6s	38.00nm				5.1mb
BWA	24.28	220	eP	42	01.90	-0.1
CNB	24.32	217	iPd	42	04.30	1.8
	1.0s	96.00nm				5.3mb
CAN	24.54	218	eP	42	06.40	1.9
		epP	42	11.10		17km
MNG	24.85	165	P	42	06.90	-0.5
PGZ	25.06	163	P	42	08.40	-0.9
THZ	25.40	170	P	42	12.90	0.2
STK	27.59	232	iPd	42	37.00	4.1x
	0.9s	37.00nm				5.1mb
TOO	28.14	218	eP	42	38.00	0.2
BFD	29.71	222	eP	42	52.00	0.0
WB2	31.22	259	iPc	43	04.10	-1.3
WRA	31.23	259	P	43	04.80	-0.7
	0.7s	5.30nm				4.5mb
ASPA	31.85	252	iPd	43	09.80	-1.2
	0.7s	106.20nm				5.9mb
		eS	48	14.10		
KNA	36.78	266	eP	43	53.00	-0.4
	0.4s	15.00nm				5.2mb
GUMO	37.32	323	eP	43	58.70	0.9
WARB	38.67	249	iPc	44	09.20	0.0
KUP7	42.74	273	e(P)	44	46.20	3.4x
COOL	44.03	243	eP	44	52.00	-1.1
MBL	44.79	257	eP	44	57.00	-2.4
MEEK	45.88	249	eP	45	07.00	-1.0
	0.3s	9.00nm				5.2mb
KLB	46.99	242	eP	45	16.00	-0.7
DAV	47.42	297	eP	45	27.00	6.7x
MURWA	48.31	246	eP	45	27.00	-0.1
MUN	48.34	242	eP	45	26.00	-1.3
NANU	48.72	255	eP	45	31.00	0.7
	0.7s	39.00nm				5.5mb
CGP	48.86	298	eP	45	31.50	0.1
DRV	52.93	193	eP	46	05.70	4.0x
		S	53	30.00		
		SS	57	33.00		
		SSS	00	18.00		
TSM	52.95	289	eP	46	03.00	0.5
BAG	56.49	303	eP	46	26.80	-1.7
MAT	59.64	333	eP	46	47.00	-3.0x
	1.0s	17.00nm				5.1mb
Z	20s	1.06um				5.0Msz
		eS	54	53.00		
MTMJ	59.85	333	P	46	50.10	-1.5
YAMJ	60.27	336	P	46	55.60	1.3
OFUJ	60.44	337	eP	46	55.90	0.5
SSE	64.89	317	P	47	26.00	0.8
	Z 20s	1.80um				5.3Msz
	E 10s	0.20um				
		eS	56	02.00		
		SS	00	12.00		
NJ2	67.03	317	Pd	47	39.00	0.1
		S	56	30.00		
YSS	67.18	342	ePc	47	38.80	-0.7
	1.0s	10.00nm				4.9mb
N	18s	1.40um				
E	18s	0.50um				
		e	47	51.90		45kmx
		(S)	56	34.00		
WHN	69.19	313	eP	47	52.00	-0.4
	Z 20s	1.88um				5.3Msz
PET	69.88	355	eP	48	00.00	3.9x
	Z 14s	1.40um				5.4Mszx
		eS	57	40.00		
MDJ	70.00	332	Pd	47	56.50	-0.5
	1.0s	37.00nm				5.5mb
	Z 28s	1.74um				5.2Mszx
TIA	70.76	319	eP	48		

N	15s	0.33um				TIK	Z	18s	1.00um	5.3Msz		1.1s	37.10nm		
E	15s	0.50um						91.92	349 eP	49 53.50	1.0	BCAO	146.83	252 iPKPd	56 28.00 1.6
		eP	48 17.00	43kmX				1.6s	13.00nm		5.1mb		1.2s	168.00nm	
NNT	72.68	289 eP	48 12.60	-1.1		GBA	Z	18s	0.80um	5.2Msz				ic	56 34.50
GYA	72.75	305 P	48 17.00	2.9X		WMO		93.53	283 P	50 09.00	7.9X	BCAO	146.83	252 iPKPc	56 42.30 15.9X
	1.0s	12.00nm		4.9mb				94.04	314 eP	50 02.20	-0.8		1.2s	329.00nm	
Z	40s	1.67um		5.0MszX				2.0s	16.00nm		5.1mb	LSD	146.84	334 PKP	56 27.95 2.1
		S	57 40.00			ELT			pP	50 08.50	20km	SSF	146.89	339 ePKP	56 27.30 1.8
SPA	73.34	180 ePc	48 17.10	0.1		OBN		2.3s	34.00nm		5.5mb	SOI	146.90	316 PKP	56 32.00 7.0X
	1.0s	90.00nm		5.8mb			Z	18s	0.70um		5.4Msz	PCP	146.94	331 PKP	56 26.53 0.8
Z	17s	0.63um		5.0MszX			N	18s	0.60um			GRR	146.96	345 ePKP	56 27.20 1.7
		i	48 49.50	130kmX			E	18s	0.50um			LPL	146.97	334 ePKP	56 28.00 2.0
NST	73.50	292 eP	48 24.00	5.5X		KAF		127.02	338 ePKP	55 53.00	4.3X		1.2s	62.20nm	
BJI	73.75	322 eP	48 18.50	-1.0		NUR		128.68	337 ePKP	56 02.00	10.1X	LPG	146.97	334 ePKP	56 28.10 2.0
	1.5s	57.00nm		5.4mb		NAO		132.82	344 PKP	56 02.20	2.4X		1.0s	57.80nm	
Z	20s	1.20um		5.2Msz				1.0s	5.00nm			RSP	147.04	333 PKP	56 29.19 3.2X
E	16s	0.78um				UZH		137.22	326 ePKP	56 14.00	5.5X	SMF	147.13	339 ePKP	56 27.00 1.9
		ePP	51 04.00					1.1s	20.00nm				1.3s	104.35nm	
		eS	57 48.00			SPC		137.96	328 ePKP	56 21.60	11.4X	AVF	147.17	339 ePKP	56 27.90 2.0
		eSS	02 32.00			KSP		138.76	332 ePKP	56 18.00	6.7X		1.2s	53.55nm	
BSI	74.31	281 eP	48 23.00	-0.2					e	59 10.00		BHB	147.28	333 PKP	56 32.12 5.9X
KHT	74.53	291 eP	48 25.00	0.5		BRC		139.77	334 ePKP	56 16.00	2.9X	LPF	147.34	345 ePKP	56 28.30 2.2
TIY	74.65	318 Pc	48 25.30	0.4				1.6s	19.00nm				1.1s	102.00nm	
	1.4s	75.00nm		5.5mb					e	56 22.70		FIN	147.35	331 PKP	56 28.00 1.6
Z	24s	0.54um		4.8MszX		SRO		139.83	327 ePKP	56 14.30	1.0	BNI	147.36	334 PKPc	56 29.60 3.1X
N	20s	1.55um				CLL		139.83	335 ePKP	56 20.00	6.8X	RRL	147.42	334 PKP	56 29.00 2.3X
XAN	74.95	313 Pd	48 26.20	-0.5				1.7s	27.00nm			ROB	147.44	332 PKP	56 30.47 3.9X
	1.0s	11.00nm		4.8mb		PRU		140.16	332 ePKP	56 26.00	12.1X	BGF	147.55	340 ePKP	56 29.00 2.4X
Z	20s	1.21um		5.2Msz		ZST		140.20	328 ePKP	56 22.00	8.0X		0.8s	24.20nm	
		S	58 00.00			MOX		140.90	335 e(PKP)	56 30.30	15.1X	PZZ	147.62	333 PKP	56 30.24 3.3X
KMI	75.25	302 eP	48 29.00	0.2		KHC		141.21	332 ePKP	56 19.00	3.1X	ENR	147.69	332 PKP	56 32.12 5.1X
	Z	30s	1.70um	5.2MszX					e	56 27.60		STV	147.72	332 PKP	56 32.21 5.2X
		pP	48 37.00	26km					e	57 26.00		IMI	147.73	331 PKP	56 32.30 5.3X
		S	58 08.00			GEC2		141.37	332 ePKP	56 14.90	-1.3	SAOF	147.82	332 PKP	56 27.18 0.0
CHG	75.78	295 eP	48 32.00	0.4				0.8s	2.61nm			AUTN	147.87	332 PKP	56 27.78 0.3
HHC	77.03	320 eP	48 38.40	0.0					e	56 17.30		MAF	147.93	340 ePKP	56 30.30 3.1X
	1.2s	28.00nm		5.2mb					e	56 28.60			1.0s	25.60nm	
Z	25s	3.03um		5.5MszX		GEC2		141.37	332 ePKP	56 22.20	6.0X	TOUF	147.94	332 PKP	56 28.30 0.8
N	16s	0.50um						1.1s	3.14nm			SBF	147.97	332 PKP	56 28.09 0.7
E	16s	0.42um							e	56 34.60		SBF	147.97	332 ePKP	56 32.10 4.7X
		PcP	48 45.00			WTTA		143.47	332 iPKPd	56 15.90	-4.1X		1.1s	95.00nm	
CD2	77.13	308 eP	48 39.20	0.2				1.2s	35.10nm			TCF	147.99	340 ePKP	56 30.30 3.0X
	Z	26s	1.59um	5.2MszX		WLF		143.74	339 PKPc	56 21.00	0.9		1.4s	110.20nm	
N	15s	0.66um				OGA		144.04	332 ePKP	56 19.50	-1.5	AURF	148.00	332 PKP	56 27.48 0.0
		PcP	48 49.80			WLS		144.36	337 PKP	56 19.16	-2.2	PGF	148.22	328 ePKP	56 33.60 5.7X
		S	58 27.50			CDF		144.39	337 ePKP	56 19.50	-1.9		1.2s	199.95nm	
		sS	58 39.50					1.1s	48.85nm			LSF	148.25	341 ePKP	56 30.70 3.0X
BTO	77.85	319 eP	48 43.00	0.1		SLE		144.44	335 ePKPd	56 20.20	-1.2		1.2s	70.80nm	
	N	20s	1.16um			FEL		144.54	336 PKP	56 19.98	-1.8	MFF	148.42	343 ePKP	56 31.30 3.3X
	E	18s	0.74um			OSS		144.58	332 ePKPd	56 20.70	-1.2		1.0s	65.60nm	
LZH	79.57	313 P	48 53.00	0.5		ECH		144.59	337 PKP	56 19.16	-2.5	FRF	148.56	332 ePKP	56 33.70 5.4X
	1.5s	81.00nm		5.5mb		MOF		144.90	336 PKP	56 20.27	-2.1		1.3s	140.80nm	
Z	25s	1.18um		5.1MszX		LLS		144.94	334 ePKPd	56 21.40	-1.2	RJF	149.09	340 ePKP	56 33.40 4.3X
E	18s	0.70um				VITF		145.03	338 PKP	56 21.49	-0.9		1.4s	78.40um	
		pP	49 04.00	36kmX		VDL		145.03	333 iPKPd	56 22.20	-0.5	Z	20s	0.25um	5.0Msz
		sP	49 10.00			BSF		145.05	337 ePKP	56 21.30	-1.3	LFF	149.67	341 ePKP	56 36.20 6.3X
		PP	51 59.00					1.1s	44.70nm			KIC	166.93	219 (PKP)	56 58.50 7.5X
MAW	79.94	202 e(P)	49 06.00	12.3X		HAU		145.07	337 ePKP	56 21.70	-0.8		S.D. = 1.2	on 128 of 182 obs.	
	1.0s	13.00nm						1.0s	86.80nm						
CIT	82.71	330 eP	49 07.00	-1.4		Z	20s		0.43um	5.2Msz					
YAK	83.90	343 eP	49 12.60	-1.7		BBS		145.07	336 PKP	56 19.84	-2.7				
	1.8s	174.00nm		6.0mb		LOMF		145.43	336 PKP	56 19.84	-3.4X				
Z	18s	1.30um		5.4Msz		MDI		145.46	332 PKP	56 25.80	2.6X				
	N	15s	0.60um			ARV		145.50	326 PKPc	56 23.50	0.1				
E	17s	0.80um				TMA		145.59	333 iPKPd	56 23.50	-0.2				
GTA	83.96	314 P	49 15.00	0.6		VAI		145.82	333 PKPc	56 24.30	0.6	VUN	3.40	266 iPc	35 08.90 1.4
	1.4s	25.00nm		5.2mb		SGO		145.99	320 PKP	56 27.40	3.2X	SVA	3.41	264 iPd	35 08.70 1.2
Z	13s	0.88um		5.3MszX		MMK		146.02	334 ePKPd	56 25.50	1.0	AFI	7.11	58 eP	35 41.00 -1.9
N	15s	0.49um				FIR		146.19	328 ePKP	56 25.00	0.6			eS	37 03.00
		pP	49 23.50	24km		DIX		146.23	334 ePKPd	56 26.20	1.3	DZM	15.25	251 iPc	37 09.60 0.1
		sP	49 27.00			BDI		146.32	329 PKP	56 25.10	0.3			i	39 53.50
		SKS	59 36.00			ORX		146.34	333 PKP	56 24.52	-0.3	ARMA	30.35	240 iPc	39 28.80 -0.3
BOD	86.19	335 eP	49 26.60	0.9		ORD		146.35	333 PKP	56 23.60	-1.2		0.4s	7.00nm	4.5mb
	1.3s	20.00nm		5.2mb		BOB		146.35	331 PKPc	56 26.60	1.8	RMQ	31.93	248 iPd	39 42.00 -0.5
LSA	86.51	302 eP	49 29.00	0.4		EMS		146.44	335 ePKPd	56 26.30	1.2		0.6s	9.00nm	4.4mb
ZAK	87.12	325 eP	49 30.00	-0.4		FLN		146.52	345 ePKP	56 25.60	0.8	CTA	33.87	260 iPd	39 59.00 0.1
	2.3s	107.00nm		5.7mb				1.0s	77.60nm			CMS	35.43	241 iPd	40 11.20 -0.6
Z	14s	0.58um		5.1MszX			Z	19s	0.50um	5.3Msz			0.8s	16.00nm	4.5mb
N	15s	0.38um				LOR		146.59	339 ePKP	56 26.40	1.4	QLP	35.96	249 iPc	40 15.60 -0.6
E	14s	0.38um						1.1s	59.10nm				0.4s	23.00nm	5.0mb
IMA	87.65	15 e(P)	49 38.00	5.1X		Z	18s		0.47um	5.3Msz		TOD	37.55	231 iPc	40 29.00 -0.3
FBA	88.33	18 (P)	49 34.50	-1.5		LDF		146.59	345 ePKP	56 25.90	0.9		0.3s	21.00nm	5.1mb
	1.0s	3.00nm		4.6mb				1.1s	63.75nm			STK	39.04	241 iPd	40 45.40 3.9X
NVL	91.02	188 eP	49 50.00	1.3		LBF		146.79	339 ePKP	56 27.10	1.7	WB2	45.04	259 iPc	41 28.10 -1.5

			pP	52	18.50	27km
DWP	46.96	64	eP	52	26.60	-0.6
WMO	48.97	291	P	52	43.20	0.3
LBFM	49.10	73	eP	52	44.71	0.6
			epP	52	52.73	27km
ORV	50.52	75	(P)	52	54.13	-0.6
LRM	51.31	63	eP	53	00.40	-0.6
DUG	54.94	68	eP	53	27.99	0.1
	0.8s		5.31nm			4.6mb
			epP	53	35.16	23km
DAU	55.64	67	eP	53	33.70	0.6
GSC	56.16	75	eP	53	36.71	0.0
			ipP	53	44.77	26km
ULM	56.37	49	eP	53	40.00	2.2
MSU	56.48	69	eP	53	39.35	0.3
SRU	56.96	68	eP	53	42.35	-0.1
CHG	60.50	261	eP	54	07.60	0.6
NAO	63.56	346	P	54	26.70	-0.3
	0.7s		1.60nm			4.3mb
EEO	66.27	42	eP	54	45.50	0.8
WMOK	66.50	63	eP	54	45.60	-0.7
	0.8s		17.01nm			5.2mb
			epP	54	53.84	26km
FVM	68.20	55	eP	54	55.90	-1.1
	0.7s		16.85nm			5.3mb
ELC	69.33	55	eP	55	03.25	-0.7
MIAR	69.34	60	eP	55	03.46	-0.6
	1.3s		12.91nm			4.9mb
			epP	55	11.77	27km
OLY	69.65	57	eP	55	04.79	-1.1
CLL	72.31	342	e(P)	55	21.00	-0.7
			e	55	28.00	22km
KHC	74.28	340	eP	55	41.60	8.3X
GEC2	74.53	340	eP	55	35.00	0.2
	0.6s		0.59nm			3.8mb
			e	55	36.50	5kmX
			e	55	41.40	
			e	55	49.20	
			e	55	51.70	
GSA	77.25	276	P	56	05.00	14.6X
WRA	78.02	209	P	55	54.30	-0.2
	0.9s		0.70nm			3.7mb
WRA	78.02	209	P	56	02.80	8.3X
	0.9s		0.60nm			3.6mb
S.D. = 0.9 on 31 of 35 obs.						
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* NOV 18, 1992	19h	52m	13.66±1.18s			
	7.341 N ±12.0km		73.794 W ±20.2km			
	DEPTH = 179.5 ± 11.7 km					
NORTHERN COLOMBIA				(99)		
BMG	0.76	111	iPc	52	38.00	-2.1
BOG	2.71	186	iPd	53	01.50	1.0
			iS	53	31.00	
SDV	3.49	64	iPnd	53	09.50	0.5
			iSn	53	47.50	
TOV	4.64	58	ePc	53	24.70	0.0
			ePP	53	24.90	
			iSn	54	14.70	
ZOBO	24.14	167	P	57	15.00	-0.3
LPB	24.38	167	eP	57	17.00	-0.4
CNCB	24.67	167	eP	57	20.00	-0.3
LNO	34.84	328	e(P)	58	49.10	-0.1
WB2	149.98	242	iPKPd	11	51.70	11.9X
WRA	149.99	242	PKP	11	52.00	12.2X
	0.8s		0.80nm			
S.D. = 1.5 on 8 of 10 obs.						
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? NOV 18, 1992	20h	21m	45.77±0.93s			
	26.006 S ±11.1km		27.278 E ±11.9km			
	DEPTH = 5.0km (geophysicist)					

CER	10.09 222 eP 0.5s 13.51nm S.D. = 0.5 on 5 of 7 obs.	iSn 25 39.90	SRS 2.94 17 ePn 11 29.21 0.7	AQU 8.01 303 P 12 40.80 0.7
		iSg 26 27.00	VAY 3.01 2 iPn 11 30.60 1.1	CFR 8.08 30 eP 12 40.00 -1.0
		24 14.50 0.0	iSn 12 10.40	RDP 8.23 298 P 12 44.00 0.8
		26 32.50	iSg 12 22.50	RMP 8.25 298 P 12 42.80 -0.7
NOV 18, 1992 21h 10m 41.49±0.14s			OHR 3.08 336 iPn 11 32.20 1.7	PPCY 8.66 110 eP 12 50.20 1.1
38.307 N ± 2.2km 22.452 E ± 1.6km			PRK 3.13 71 ePn 11 32.00 0.8	
DEPTH = 14.5km (geophysicist)			EZN 3.37 62 iPn 11 33.90 -0.8	ASS 8.83 306 P 12 51.60 0.1
5.9mb (136 obs.) 5.7Msz (38 obs.)			MMB 3.42 16 IPd 11 36.00 0.6	BIR 8.83 24 eP 12 54.00 2.6
GREECE (364)			KKB 3.59 8 IPd 11 38.00 0.3	ARV 8.87 309 P 12 50.20 -1.9
mbLg 6.1 (MDD). MD 5.5 (ATH).			TIR 3.63 328 iPgd 11 43.00 4.7X	ZAG 8.91 329 ePn 12 51.60 -0.9
5.5 (TTG). ML 5.3 (TIR). Slight			iSg 12 21.00	Sn 14 41.30
damage at Galaxidhion. Felt in			PHP 3.71 336 iPnc 11 30.00 -9.5X	Sg 15 51.00
Akhaia, Argolis, Attiki, Evvoia,			SKO 3.74 348 iPn 11 41.20 1.3	iPnd 12 50.50 -2.8
Korinthia and Loria Provinces.			i 11 43.30	ipPn 12 52.00
Also felt at Athens. Two events			i 11 45.60	iSn 14 31.20
about 2.4 seconds apart. Depth			Izm 3.78 87 iPn 11 41.80 1.2	iPnPn 12 56.90
from broadband displacement			ALN 3.79 46 ePn 11 41.42 0.8	iSn 14 31.20
seismograms, based on first			RZN 3.80 27 IPd 11 41.00 0.1	CLI 8.98 22 iPc 12 39.90 -13.6X
event.			NPS 3.96 139 ePn 11 43.50 0.5	PTJ 8.99 330 iPn 12 51.40 -2.3
FAULT PLANE SOLUTION: P-Waves			KDZ 4.04 33 IPd 11 41.00 -3.1X	PTT 9.09 17 eP 12 53.00 -2.1
NP1: Strike= 32 Dip=90 Slip=-168			PLD 4.17 24 IPd 11 47.00 1.1	KAS 9.23 67 IPd 12 58.30 1.3
NP2: 302 78 -360			VTs 4.32 7 IPc 11 50.00 1.8	RIY 9.25 322 ePn 12 55.70 -1.5
Principal Axes:			SDA 4.37 330 iPnc 11 50.20 1.4	CSS 9.36 108 eP 13 00.40 1.6
T P1g= 8 Azm=166			ULC 4.40 327 iPnc 11 50.01 0.8	eS 14 39.70
P 8 258			iSn 12 37.52	CEI 9.37 0 eP 13 10.00 11.1X
Comment: The focal mechanism is			PGB 4.44 17 IPd 11 50.00 0.2	BMR 9.39 4 ePd 13 04.00 4.8X
moderately well controlled and			BCI 4.45 337 iPnc 11 51.40 1.5	BUD 9.51 346 ePn 13 04.30 3.5X
corresponds to strike-slip			iSn 12 39.20	CEY 9.52 324 ePn 12 58.50 -2.6
faulting with a small reverse			EDC 4.66 62 iPn 11 54.00 0.9	eS 14 45.00
component. The preferred fault			PVY 4.68 337 iPnd 11 55.22 1.8	CRE 9.55 307 P 13 01.10 -0.5
plane is not determined.			iSn 12 46.54	BZK 9.57 64 iP 13 05.00 3.3X
RADIATED ENERGY			BNT 4.71 63 iPn 11 54.00 0.3	IAS 9.64 21 eP 13 04.00 1.4
No. of sta: 19 Focal mech. F			TTG 4.78 330 iPnd 11 54.90 0.2	LJU 9.71 325 e(Pn) 13 00.50 -3.0
Energy 1.9±0.4×10 ¹⁴ Nm			iSn 12 47.35	iSn 14 36.20
MOMENT TENSOR SOLUTION			BRT 4.80 304 P 11 55.20 0.2	e 15 04.00
Dep 29 No. of sta: 20			BDV 4.84 326 iPnd 11 55.39 -0.2	PSZ 9.79 350 iPnc 13 06.30 1.6
Moment Tensor; Scale 10 ¹⁷ Nm			iSn 12 48.05	TRI 9.82 322 ePnd 13 03.20 -1.9
Mrr=-6.52 Mtt= 3.99			TDS 4.95 288 Pc 11 57.80 0.7	i 13 41.10
Mff= 2.53 Mrt= 5.00			IVA 4.96 338 IPnd 11 58.80 1.6	iRRPg 13 51.70
Mrf=-0.44 Mtf=-5.25			iSn 12 52.02	iSn 14 54.70
Principal axes:			KCT 4.97 65 iPn 11 58.00 0.6	PGD 9.82 308 Pc 13 06.00 0.7
T Val= 9.63 P1g=15 Azm= 37			DST 4.99 73 iPn 11 58.60 1.0	FAM 9.85 106 eP 13 11.10 5.6X
N -0.87 21 301			SOI 5.05 269 Pc 12 00.00 1.6	eS 14 01.00
P -8.76 64 159			Hcy 5.12 325 iPnc 11 58.87 -0.6	KIS 9.90 26 iPc+ 13 07.00 0.9
Best Double Couple:Mo=9.2×10 ¹⁷			iSn 12 55.40	1.0s 400.00nm 6.8mb
NP1: Strike=155 Dip=36 Slip= -51			5.21 331 iPnc 12 01.57 0.7	IS 14 57.50
NP2: 290 63 -114			iSn 12 58.11	SRO 9.97 344 iPc 13 06.60 -0.5
CENTROID, MOMENT TENSOR (HRV)			PVL 5.37 23 IPd 12 01.00 -2.0	i 13 23.20
Data Used: GDSN			DMK 5.37 48 IP 12 01.90 -1.2	e 13 31.20
L.P.B.: 35S, 72C			MSI 5.43 271 P 12 04.20 0.4	e 14 39.60
Centroid Location:			BRY 5.47 328 iPnc 12 03.81 -0.7	i(S) 14 59.30
Origin Time 21:10:48.8 0.2			iSn 13 03.27	i 15 15.30
Lat 38.09N 0.02 Lon 22.60E 0.03			ATN 5.51 271 P 12 05.70 0.8	VOY 9.99 323 eP 13 04.50 -3.1X
Dep 15.0 BDY Half-duration 2.3			PLE 5.53 336 iPnd 12 05.91 0.6	eS 14 58.00
Moment Tensor; Scale 10 ¹⁷ Nm			iSn 13 06.80	e 17 10.00
Mrr=-8.05 0.13 Mtt= 8.80 0.16			KHL 5.56 88 IP 12 07.50 1.7	FIR 10.07 306 eP 13 10.00 1.5
Mff=-0.75 0.15 Mrt=-0.68 0.54			MGR 5.66 291 P 12 07.50 0.4	iS 15 25.00
Mrf= 0.85 0.36 Mtf=-0.25 0.14			ITU 5.78 59 IPd 12 09.00 0.2	UZH 10.32 359 eP 13 12.50 0.5
Principal Axes:			ISK 5.79 60 IP 12 07.90 -1.0	Z 11s 70.00um 4.6Msz
T Val= 8.83 P1g= 2 Azm=182			GBZT 5.95 63 IPc 12 11.50 0.4	N 11s 55.00um
N -0.66 6 272			SGO 5.97 294 P 12 11.40 0.0	E 11s 42.00um
P -8.17 83 71			ALT 6.04 81 IP 12 14.00 1.5	iS 15 04.00
Best Double Couple:Ma=8.5×10 ¹⁷			MEU 6.08 261 eP 12 14.00 0.9	RBL 10.45 324 P 13 11.60 -2.2
NP1: Strike=265 Dip=43 Slip= -99			ELL 6.13 102 IP 12 18.90 5.1X	PII 10.51 305 P 13 14.80 0.2
NP2: 98 48 -81			MNO 6.13 269 P 12 14.40 0.5	MME 10.62 307 P 13 17.00 0.7
AGG	0.72 352 ePg 10 55.02 -0.2		EYL 6.38 67 IP 12 17.30 0.0	BDI 10.62 307 P 13 15.70 -0.5
ATH	1.05 108 ePg 11 03.00 2.1		GPA 6.41 70 IP 12 18.90 1.2	ZST 10.62 340 eP 13 14.20 -1.9
VLS	1.47 266 ePb 11 07.00 -0.5		BCK 6.49 95 IP 12 21.00 2.1	i 13 32.80
VLI	1.63 166 ePb 11 10.00 0.2		DRA 6.51 11 IPd 12 21.00 2.0	e 15 20.20
LIT	1.79 1 ePb 11 13.58 1.5		BUC1 6.61 23 eP 12 22.00 1.6	i 16 08.70
PAIG	1.88 30 ePb 11 14.18 0.8		HVAR 6.67 319 iPn 12 18.60 -2.7	e 39 31.40
IGT	2.06 307 ePn 11 19.21 3.2X		BUC 6.69 23 eP 12 38.00 16.5X	KVT 10.84 71 IP 13 23.00 3.9X
KZN	2.07 345 ePn 11 17.00 0.9		PSN 6.90 37 IP 12 23.00 -1.5	VKA 10.91 338 iPc 13 18.70 -1.3
THE	2.36 10 ePn 11 20.46 0.3		DUI 6.99 301 P 12 27.20 1.3	2.3s 1425.00nm 6.9mb X
SRN	2.47 310 iPnd 11 24.30 2.5		FAI 7.03 264 P 12 26.40 0.1	i 13 21.40
KEK	2.50 305 ePb 11 25.30 3.0X		GZR 7.08 2 IPd 12 27.00 -0.2	iPP 13 28.30
SOH	2.61 15 ePn 11 24.93 1.1		COZ 7.15 11 IPc 12 27.30 -0.9	iS 15 30.40
FNA	2.61 342 ePn 11 25.42 1.5		MTUR 7.18 15 ePd 12 31.00 2.4	LR 18 21.00
GRG	2.65 359 ePn 11 25.70 1.3		SDI 7.45 300 P 12 32.70 0.4	FVI 10.93 322 P 13 18.10 -2.1
TPE	2.74 317 iPn 11 27.50 1.7		ISR 7.48 23 IPd 12 33.60 0.9	SIM 10.96 49 IP+ 13 23.00 2.3
			e 39 28.00	eS 15 32.00
			TIM 7.48 353 IPc 12 36.00 3.4X	eP 13 21.60 0.3
			DEV 7.58 2 IPc 12 37.00 3.0X	e 15 30.20
			MLR 7.64 19 IPc 12 35.00 0.1	e 16 24.50
			CVT 7.65 268 P 12 37.50 2.4	LR 19 00.00
			LVI 7.98 271 P 12 41.30 1.7	KBA 11.03 326 iPc 13 19.00 -2.8
				1.1s 458.00nm 6.7mb

			i	13	26.60			e	13	47.00	BSF	14.86	315 eP	14	11.40	-1.4		
			i	13	39.50			e	13	56.40		0.8s	145.05nm			5.5mb		
			IS	15	21.60	JARJ	12.57	115 P+	13	39.54	-3.2X	ECH	14.88	317 P	14	11.46	-1.5	
			i	15	43.90	KFNJ	12.59	117 Pd	13	41.79	-1.0	WLS	14.89	318 P	14	11.50	-1.6	
			i	26	27.70	VDL	12.59	315 ePd	13	42.10	-0.9	CDF	14.93	317 eP	14	12.00	-1.7	
PGF	11.09	297 eP	i	13	23.30	SBF	12.61	301 eP	13	43.90	0.8		1.2s	163.05nm			5.3mb	
	1.1s	505.95nm			6.7mb		1.1s	366.30nm		6.5mb		LANF	15.01	320 P	14	13.51	-1.1	
CTI	11.13	317 P	i	13	20.20	-3.0	VAI	12.65	311 P	13	42.60	-0.9	HAU	15.21	315 eP	14	15.70	-1.5
HLW	11.19	136 eP	i	13	19.00	-4.9X	MASJ	12.69	117 P+	13	39.83	-4.5X		1.0s	436.80nm			5.8mb
		eS	i	14	06.00		TMA	12.72	312 ePd	13	41.50	-3.2X	Z	19s	11.00um			4.9Msz
KOT	11.40	134 ePn	i	13	22.70	-4.1X	MKRJ	12.74	118 Pd	13	43.29	-1.6	ESEL	15.27	282 eP	14	21.69	3.6
KMR	11.47	331 iP+	i	13	27.40	-0.3	ENR	12.75	302 P	13	47.07	2.0	BRNL	15.48	339 eP	14	21.80	1.2
		P	i	15	21.60		FUR	12.77	324 iPc	13	44.90	-0.3		e		14	26.90	
SAL	11.48	313 P	i	13	26.00	-1.8	LISJ	12.82	119 Pd	13	44.39	-1.4		eS		17	27.00	
BHL	11.54	108 P	i	13	28.00	-0.8	STV	12.83	302 P	13	48.30	2.3	BRN	15.52	338 eP	14	22.00	0.9
		S	i	16	00.00		WET	12.84	331 eP	13	43.70	-2.4		e		14	28.00	
LVV	11.56	5 iP+	i	13	33.00	4.1X		Z	10s	87.00um	5.1Msz	VITF	15.53	315 P	14	19.58	-1.8	
		IS	i	15	46.00		ANN	12.90	55 iP+	13	49.00	2.1	TNS	15.54	325 iPc	14	28.70	7.1
BOB	11.68	308 P	i	13	31.10	0.5			IS	16	20.00			IS		17	15.70	
BHG	11.72	326 eP	i	13	28.60	-2.5	PRU	12.98	337 eP	13	45.50	-2.3	LBL	15.89	302 P	14	25.73	-0.5
GAZ	11.74	91 iP	i	13	36.80	5.4X		1.4s	141.50nm		5.9mb	PLDF	15.91	305 P	14	25.25	-1.1	
VRAC	11.78	341 iPnc	i	13	30.20	-1.6			S	16	09.10		MNK	15.99	11 eP	14	32.00	4.8
	2.4s	1314.50nm			6.8mb		DOI	12.98	303 P	13	49.20	1.1		eS		17	30.00	
		e	i	13	40.10		ORO	13.01	309 P	13	46.80	-1.6	SMF	16.03	307 eP	14	27.20	-0.7
		i	i	13	47.80		ORX	13.01	309 P	13	45.69	-2.8		1.0s	284.00nm			5.4mb
		i	i	14	36.20		DHLJ	13.02	121 P+	13	48.18	-0.3	LBF	16.09	308 eP	14	28.30	-0.4
		Sn	i	15	44.00		FRF	13.05	299 eP	13	49.40	0.5		0.9s	294.85nm			5.4mb
		e	i	16	48.40			1.1s	147.00nm		6.0mb	PYM	16.23	303 P	14	30.39	-0.1	
		e	i	17	38.10		PZZ	13.07	303 P	13	50.82	1.4	AGO	16.25	305 P	14	30.75	0.0
		e	i	18	42.70		LMR	13.07	298 eP	13	48.60	-0.6	WLF	16.28	319 Pc	14	31.70	0.7
		PcP	i	19	17.30			1.3s	281.60nm		6.2mb	LOR	16.29	309 eP	14	32.10	0.9	
ATZ	11.78	114 eP	i	13	31.20	-0.8	LLS	13.08	315 ePd	13	48.40	-1.1		1.0s	188.00nm			5.2mb
WTTA	11.96	322 iPc	i	13	32.20	-2.3	BHB	13.10	305 P	13	48.71	-0.9	Z	22s	12.00um			
	0.9s	265.00nm			6.5mb		QTRJ	13.14	118 P+	13	49.06	-1.2	AVF	16.40	307 eP	14	33.40	0.9
		i	i	13	40.80		ARTJ	13.20	113 Pd	13	52.79	1.7		1.0s	352.00nm			5.4mb
		i	i	13	46.50		LRG	13.21	298 eP	13	51.10	0.0	SSF	16.42	308 eP	14	34.40	1.6
		i	i	15	36.80			1.1s	305.75nm		6.3mb		1.2s	630.75nm			5.6mb	
		i	i	15	47.90		MMK	13.23	310 ePd	13	49.90	-1.6	PYA	16.52	63 eP-	14	36.00	1.9
		i	i	16	01.60		RSP	13.24	306 P	13	50.73	-0.8	Z	14s	15.50um			
OGA	11.99	319 iPd	i	13	34.00	-1.0	SURF	13.25	303 P	13	52.17	0.3	CAF	16.60	300 eP	14	34.70	-0.4
WATA	12.04	322 iPc	i	13	33.10	-2.4	JRSJ	13.26	123 P+	13	49.84	-1.9		1.6s	801.00nm			5.6mb
		i	i	13	35.40		KSP	13.27	343 eP	13	52.60	0.8	BGF	16.63	306 eP	14	36.60	1.2
		i	i	13	45.00			1.4s	234.00nm		6.1mb		1.4s	1017.70nm			5.8mb	
		i	i	15	48.10		LSD	13.44	304 P	13	52.70	-1.6	BNS	16.64	324 ePd	14	38.56	3.0
MDI	12.05	312 P	i	13	34.70	-0.8	RRL	13.45	307 P	13	54.80	0.4		1.8s	688.00nm			5.5mb
OJC	12.06	352 eP	i	13	36.90	1.3	AQBJ	13.49	126 P+	13	53.07	-1.7	Z	14s	84.50um			6.2Msz
	1.7s	323.00nm			6.3mb		BNI	13.57	305 P	13	56.20	0.3		iPpD		14	41.06	
		i	i	13	40.00		DIX	13.58	310 ePc	13	54.80	-1.3		iS		17	56.00	
		i	i	13	46.00		TBZ	13.62	73 iP	14	02.70	6.3X	MAF	16.68	305 eP	14	37.90	1.8
		IS	i	16	01.00		LPG	13.71	307 eP	13	58.90	1.0		1.2s	392.75nm			5.4mb
MML	12.09	115 eP	i	13	35.20	-0.9		1.0s	252.00nm		6.1mb	KLL	16.83	322 iPd	14	40.20	2.2	
SQTA	12.14	321 iPc	i	13	34.60	-2.2	LPL	13.73	307 eP	13	58.50	0.4		iPpD		14	42.70	
		i	i	13	36.70			0.9s	175.60nm		5.9mb	AKUR	16.85	146 iPd	14	36.10	-2.3	
		i	i	13	48.70		ZLA	13.78	316 ePd	13	57.50	-1.0	TCF	16.94	305 eP	14	40.40	1.0
		i	i	13	53.00		HQL	13.81	127 ePd	13	55.67	-3.3X		1.5s	370.85nm			5.3mb
		i	i	15	39.00		EMS	13.86	309 ePc	13	59.30	-0.5	ANMR	16.94	147 iPd	14	38.90	-0.6
		i	i	15	52.00		RSL	13.88	307 P	13	58.53	-1.4	MEM	16.95	322 iPc	14	42.92	3.5
PCP	12.15	305 P	i	13	38.10	1.2	SLE	13.89	317 ePd	13	58.80	-1.2	AAHD	16.97	146 iPd	14	38.30	-1.6
RAC	12.16	347 iP	i	13	39.40	2.5	SHBJ	13.91	111 P+	13	59.33	-1.0	WAJH	16.97	131 ePd	14	39.33	-0.5
		e(S)	i	15	54.00		BRG	13.94	337 iP	14	00.00	-0.5	RJF	17.00	301 eP	14	40.70	-0.4
		i	i	16	23.00			1.6s	270.00nm		5.8mb		1.5s	647.65nm			5.5mb	
		i	i	16	46.00				i	14	09.60		ENN	17.10	322 eP	14	43.50	2.2
SHMJ	12.19	113 Pd	i	13	37.96	0.5			i	14	22.40			1.2s	311.00nm			5.3mb
FIN	12.23	303 P	i	13	40.06	2.1			iS	16	44.00		EBR	17.11	285 eP	14	40.00	-1.6
CKI	12.27	304 P	i	13	37.20	-1.3	GRF	13.94	328 iPc	14	00.20	-0.4		iS		17	56.00	
GEC2	12.29	332 ePn	i	13	36.60	-2.2			e	14	14.70		LPO	17.14	299 eP	14	43.40	1.5
	1.0s	33.60nm			5.6mb		HITJ	14.00	124 Pd	13	59.41	-2.2		1.2s	268.95nm			5.3mb
		i	i	13	44.10		SOC	14.07	63 iPc+	14	05.00	2.7	ERE	17.18	77 iP-	14	45.00	2.5
		e	i	13	54.20			1.6s	420.00nm		5.9mb	Z	11s	41.00um				
		e	i	13	59.40			Z	11s	19.00um	5.9Msz							
		e	i	14	09.10			N	11s	15.00um								
		e	i	14	18.30		MDRJ	14.18	125 Pd	14	01.14	-2.8	EROQ	17.18	285 iPd	14	44.76	2.3
		e	i	14	24.10		FEL	14.22	317 P	14	02.86	-1.5	ANAL	17.23	147 iPc	14	43.20	0.1
		eSn	i	15	55.30		BBS	14.25	315 P	14	03.87	-0.9	DOU	17.35	319 P	14	44.80	0.3
		e	i	16	53.00		MOX	14.54	332 eP	14	08.40	0.0		1.0s	277.80nm			5.3mb
		e(ScP)	i	22	51.00			1.6s	132.00nm		5.3mb			i		14	53.80	
		e	i	22	54.00			Z	14s	69.00um		LSF	17.37	304 eP	14	45.80	1.1	
		e	i	23	01.40			N	16s	55.00um			1.5s	658.10nm			5.5mb	
IMI	12.32	302 P	i	13	40.43	1.1			eS	17	00.00		EPF	17.41	293 eP	14	44.40	-1.0
JVI	12.32	117 eP	i	13	37.30	-2.0	LOMF	14.58	313 P	14	07.84	-1.2		1.1s	88.90nm			4.8mb
OSS	12.34	317 ePc	i	13	37.70	-1.9	LIBD	14.60	317 P	14	08.26	-1.0	MTA	17.45	72 iP	14	48.20	2.5
BURJ	12.47	115 P+	i	13	39.32	-2.0	CLL	14.61	336 eP	14	06.00	-3.3X		1.0s	180.00nm			5.2mb
ROB	12.48	303 P	i	13	43.45	2.0		1.7s	210.00nm		5.4mb	LFF	17.51	299 eP	14	46.10	-0.4	
SALJ	12.51	116 Pd	i	13	40.40	-1.5			i	14	14.90			1.5s	931.80nm			5.7mb
KHC	12.57	332 P	i	13	39.60	-2.9			eS	16	45.00		WTS	17.53	326 eP	14	48.00	1.4
	1.0s	50.00nm			5.7mb		MOF	14.68	315 P	14	08.69	-1.8	BSD	17.57	346 iPc	14	46.80	-0.3

SNF	1.5s	430.00nm	5.4mb	EPLA	22.15	284	iPc	15	37.28	-1.0	eS	21	10.00							
EGRA	17.76	319	iPd	14	51.45	1.9	EJIF	22.24	274	eP	15	39.08	0.0							
UCC	17.80	290	iPd	14	44.92	-5.2X	NUR	22.27	3	iP	15	37.40	-1.8							
ACU	17.89	320	P	14	53.00	1.8		0.6s	97.80nm	5.4mb	ANTZ	28.58	260	iP	16	41.00	2.0			
ESCF	17.92	278	iPd	14	51.53	-0.2		Z	16s	42.90um	6.0MszX		i	16	45.00					
ATE	18.08	293	P	14	53.67	0.0			eS	19	36.00	SDF	29.25	3	iP	16	43.00	-1.6		
WIT	18.17	293	P	14	54.47	-0.4	ALJ	22.29	275	iP	15	47.00	7.2X	MAIO	29.41	82	eP	19	50.20	
ISSF	18.18	328	eP	14	56.50	3.8X	OJEN	22.37	273	iP	15	48.00	7.4X		eS	21	44.00			
ECHE	18.24	292	P	14	54.47	-1.2	MOMI	22.46	274	iP	15	45.00	3.6X	APA	29.92	8	iPc+	16	50.10	-0.6
GRO	18.26	281	iPc	14	56.27	0.4	PLAT	22.54	273	iP	15	47.00	4.8X	ARU	29.97	41	ePd	16	49.61	-1.6
	18.27	67	iPd-	14	59.50	3.6X	HFS	22.54	349	eP	15	40.30	-1.7		2.2s	840.00nm	6.2mb			
	2.0s	1680.00nm	5.9mb					0.5s	50.70nm	5.3mb	E	11s	23.00um		ed	16	51.68			
	N	16s	36.00um					Z	16s	*****um	8.4MszX				ePc	16	54.24	16km)		
MADF	18.27	293	P	14	55.72	-0.3	CNIL	22.71	274	iP	15	50.00	6.2X		ePPP	17	52.00			
DBN	18.33	324	iP+	15	01.00	4.4X	IFR	22.80	266	iPc	15	43.00	-2.0		e	18	02.00			
	Z	18s	35.90um						i	15	46.00				e	19	47.00			
MFF	18.58	304	eP	15	00.50	0.8	SFS	22.81	274	iP	15	50.00	5.2X	LOF	30.28	353	eP	16	52.46	-1.4
	1.2s	668.85nm	5.7mb				ERUA	22.86	290	eP	15	46.75	1.5	KTK1	30.77	1	eP	16	56.33	-1.7
COP	18.64	342	iPc+	15	01.50	1.1	KONO	22.88	343	ePd	15	43.61	-1.7	SVE	31.17	41	iP	17	00.00	-1.7
TAB	18.76	83	iPc	15	05.00	2.8			ed	15	46.25			Z	2.0s	400.00nm	6.0mb			
EALH	18.79	276	iPd	15	02.04	-0.4	MJMA	22.92	116	ePd	15	48.33	2.3		Z	12s	39.00um	6.3MszX		
ETOR	19.05	285	iPc	15	05.08	-0.5	CME	22.94	310	eP	15	46.20	0.2		N	12s	7.00um			
OBN	19.33	25	ePd	15	06.52	-2.3	EVAL	23.00	277	iPc	15	49.15	2.5		E	12s	20.00um			
	1.8s	2300.00nm	6.1mb				EMON	23.03	292	iPd	15	46.99	0.1				e	17	59.00	
	Z	12s	34.00um				CPZ	23.17	310	eP	15	48.00	0.6	KEV	31.60	3	iP	17	05.00	-0.4
							TEH	23.20	87	eP	15	50.00	1.2		0.5s	29.50nm	5.4mb			
ECRI	19.45	291	eP	15	08.83	-1.6	KMY	23.66	338	eP	15	53.27	0.5		Z	16s	23.50um	6.0MszX		
EVIA	19.53	279	iPd	15	09.94	-1.5	NAO	23.69	346	P	15	52.00	-1.2				eS	22	20.00	
ENIJ	19.56	274	eP	15	09.69	-2.0		0.8s	389.20nm	6.0mb				ARO	32.30	140	eP+	17	14.80	2.7
FLN	19.57	310	eP	15	10.50	-1.1	WME	23.78	318	ePc	15	56.60	2.5	AAE	32.64	149	P	17	17.00	1.6
	0.8s	320.25nm	5.7mb				STS	23.91	291	iPd	15	57.25	1.9				S	22	36.00	
	Z	18s	7.00um				XDE	23.93	321	ePc	15	56.90	1.4	BCAO	33.90	187	iPd	17	24.90	-1.1
LPF	19.63	307	eP	15	11.20	-1.1	KAF	23.95	4	iP	15	55.10	-0.5		0.9s	194.00nm	6.0mb			
GRR	0.8s	284.75nm	5.6mb					0.6s	74.70nm	5.4mb						ic	17	32.30		
EHUE	19.65	308	eP	15	11.10	-1.4	EZAM	24.02	289	iPd	15	58.86	2.4			ic	17	44.00		
MOS	0.7s	395.10nm	5.8mb				EKA	24.22	323	P	15	58.00	-0.3	BRVK	35.81	50	iPd	17	40.80	-1.2
	19.72	276	iPc	15	12.40	-1.1		1.0s	437.40nm	6.0mb					1.9s	225.00nm	5.7mb			
	20.19	25	iPd	15	17.00	-1.2	ESK	24.23	323	eP	15	59.00	0.6			eS	23	17.00		
	2.0s	6760.00nm	6.6mb					1.0s	520.00nm	6.1mb				AKU	35.96	333	iP	17	44.80	1.7
							ESY	24.30	325	eP	15	59.60	0.5		1.0s	76.00nm	5.5mb			
								1.3s	83.00nm	5.2mb					Z	22s	19.26um	5.8Msz		
MUD	20.20	338	iPc	15	17.00	-1.2	EBL	24.42	324	ePc	16	01.30	1.1			e	20	11.70		
	0.9s	500.00nm	5.9mb					1.2s	251.00nm	5.7mb				JNW	36.47	344	eP	17	47.00	-0.3
KER	20.23	94	eP	15	22.00	3.1X	EGD	24.54	339	eP	16	00.81	-0.5	REY	36.73	329	iP	17	50.40	0.9
SHE	20.32	75	iP	15	21.00	1.4	RYD	24.56	116	eP	16	03.40	1.5	AAK	39.31	67	iPd	18	11.86	0.2
							EDI	24.57	324	eP	16	02.80	1.1			ed	18	14.42		
							BER	24.60	339	eP	16	02.36	0.4			ePc	18	16.41	15km)	
							EAU	24.65	324	eP	16	03.30	0.8	FRU	39.36	66	iPd-	18	13.00	1.1
							LIS	24.67	281	eP	16	02.00	-0.8		2.2s	1200.00nm	6.2mb			
							AVE	24.67	267	iP	16	04.50	1.6			e	19	47.00		
EMEL	20.55	269	eP	15	20.73	-1.3			i	16	22.00					eS	24	15.00		
ECOG	20.57	275	ePd	15	21.48	-0.9	ASK	24.72	339	eP	16	03.53	0.4	TIC	40.15	225	P	18	18.40	-0.3
EBAN	20.59	278	iPc	15	21.41	-1.1	EDU	24.86	325	ePc	16	04.60	0.1	KIC	40.23	225	P	18	18.00	-1.3
TOL	20.61	283	iPd	15	23.00	0.3	EDR	24.87	327	eP	16	04.40	-0.2		0.9s	144.00nm	5.7mb			
	1.5s	861.11nm	5.9mb				EBH	24.90	325	eP	16	05.50	0.6			S	24	16.00		
							DLF	24.93	316	eP	16	05.20	0.0	LIC	40.50	225	P	18	20.50	-1.0
GUD	20.65	285	iPd	15	21.85	-1.3		1.1s	740.00nm	6.3mb				LWI	40.77	170	iPc	18	23.50	-0.4
EGUA	20.66	274	iPc	15	21.57	-1.6	HYA	25.04	341	iPd	16	05.68	-0.4	LWI	40.77	170	iP+	18	24.00	0.1
PAB	20.86	282	eP	15	23.91	-1.5	ELO	25.13	325	eP	16	07.50	0.5	AAA	40.94	65	iP	18	26.00	1.0
							EAB	25.25	324	eP	16	08.00	-0.2			i	20	09.00		
ELUQ	21.07	276	eP	15	25.83	-1.6		1.0s	448.00nm	6.1mb						i	20	26.50		
BAK	21.30	76	iPc	15	34.00	4.3X	SUE	25.32	340	eP	16	08.98	0.2			iS	24	32.00		
	Z	11s	42.00um				DCN	25.36	316	eP	16	07.00	-2.2			i	28	26.00		
	N	12s	76.80um					1.0s	677.00nm	6.3mb				KBS	40.95	357	eP	18	25.20	0.7
	E	15s	78.80um				DMU	25.40	317	eP	16	09.30	-0.3	KSH	41.17	71	iPd	18	28.60	1.6
							TIO	25.46	262	iPd	16	14.60	4.0X		0.8s	90.00nm	5.6mb			
MAL	21.34	274	iPd	15	30.00	-0.2			i	16	51.00			Z	16s	7.76um	5.7MszX			
							FOO	25.70	341	eP	16	12.65	0.4		N	13s	7.52um			
							RGS	25.80	347	eP	16	15.00	1.7		E	14s	7.08um			
QASM	21.54	118	eP	15	34.00	1.7	MOL	25.95	344	eP	16	14.63	0.0	NAI	41.55	158	eP+	18	32.00	1.7
EHOR	21.79	277	iPc	15	35.48	0.8	KMSA	26.13	127	ePd	16	32.00	15.2X			iPP	20	16.00		
UPP	21.79	353	iP	15	32.90	-1.5	DHR	26.18	109	ePd	16	19.30	2.2			iS	24	52.00		
	1.4s	1600.00nm	6.2mb				KAT	26.30	77	iP+	16	23.00	4.9X			iLQ	27	46.00		
									i	17	15.00					eP	18	43.80	8.9X	
EPRU	21.94	275	eP	15	36.35	0.2			e	19	47.00		MBO	42.14	246	eP	18	36.00	0.9	
PUL	22.06	11	ePd	15	36.00	-1.1			eS	20	54.00		PRZ	42.16	66	eP	18	36.00	0.9	
	1.8s	1200.00nm	6.0mb						eSS	22	15.00			1.8s	370.00nm	5.8mb				
							ABHA	26.70	133	eP	16	23.33	1.0			e	20	15.00		
							KMTA	26.83	133	ePd	16	25.00	1.5	DAG	42.52	347	iPd	18	37.10	-0.3
							DHJN	27.60	132	ePd	16	32.20	1.7		1.1s	82.28nm	5.4mb			
							ASH	28.13	79	eP	16	35.00	0.1		Z	19s	4.58um	5.4Msz		
								1.5s	230.00nm	5.7mb				N	16s	1.08um				

	N	14s	1.74um			PET	81.44	25	eP	23	00.00	1.0			1.5s	64.84nm		5.7mb				
	E	12s	1.61um						ePS	33	10.00				PGC	88.28	338	eP	23	35.00	1.6	
ELF		73.50	312	P	22	16.25		1.0						CRZF	88.38	160	e(P)	23	47.00	13.4X		
LDN		73.51	312	P	22	16.25		0.9									e(SKS)	33	33.00			
YKA		73.78	341	eP	22	16.20		-0.3	ASAJ	81.76	39	P	23	00.60	-0.2		e(SS)	41	10.00			
		0.8s	28.40nm					5.4mb	FVM	82.15	313	eP	23	04.09	1.1		e(SSS)	44	20.00			
DLA		73.85	312	P	22	17.60		0.3		1.4s	256.25nm		6.1mb		RRO	88.42	315	iPc	23	37.10	2.7	
CBN		74.07	306	eP	22	20.00		1.4		Z	20s	5.26um		5.9Msz		GLD	88.71	322	eP	23	38.29	2.4
		1.0s	155.00nm					6.0mb				S	33	20.94			1.7s	195.65nm		6.1mb		
MDJ		74.54	45	ePd	22	19.49		-1.8				SS	38	47.68		WAH2	88.74	335	P	23	38.14	2.5
				e	22	21.31			MRRJ	82.19	41	eP	23	04.60	1.5	GOL	88.82	322	eP	23	36.28	-0.2
				epPc	22	25.28		19kmX	CCM	82.57	313	eP	23	05.86	0.7		1.9s	334.64nm		6.3mb		
MCWV		74.75	309	eP	22	24.03		1.5				e	23	08.51		Z	22s	4.99um		5.9Msz		
		1.0s	274.61nm					6.2mb	CAR	83.10	278	iPd	23	10.00	1.6			e	23	38.60		
	Z	19s	2.92um					5.6Msz	AOMJ	83.16	43	eP	23	16.20	8.1X			ic	23	42.33		
CPB		74.89	281	eP	22	24.32		0.7	SIT	83.16	348	P	23	20.00	12.2X			PP	27	08.77		
BPA		75.26	280	eP	22	25.00		-0.8		Z	20s	2.45um		5.6Msz				SP	35	33.54		
NJ2		75.43	61	Pc	22	25.00		-1.6	HOQJ	83.35	40	eP	23	09.50	0.4			SKKP	44	39.57		
	N	13s	2.01um						KUSJ	83.53	39	P	23	09.20	-0.8	MEO	89.04	315	iPd	23	38.40	1.1
	E	13s	1.82um						TSRJ	84.20	49	eP	23	13.40	-0.2	LNOR	89.08	334	P	23	38.89	1.5
				PP	25	18.00			MTMJ	84.54	47	eP	23	15.00	-0.4	VAD	89.14	240	(P)	23	41.00	3.1X
PAG		75.72	279	eP	22	28.00		-0.5	YAMJ	84.68	45	eP	23	14.30	-1.6	WMOK	89.19	315	eP	23	38.38	0.4
MGH		75.73	280	eP	22	31.81		3.3X	NIJJ	84.76	46	eP	23	15.50	-0.8		0.1s	309.32nm		7.4mb	X	
NEV		75.76	281	eP	22	30.83		2.2	RSSD	84.76	324	(P)	23	19.42	2.9		Z	19s	4.00um		5.9Msz	
IMA		75.91	358	ePd	22	29.30		0.4		0.6s	20.93nm		5.5mb					e	23	41.03		
		1.6s	451.80nm					6.3mb		Z	21s	5.27um		5.9Msz				epPc	23	42.43	13kmX	
SNG		76.31	92	eP	22	31.00		-0.8				S	33	47.87				ec	23	44.92		
				e	34	30.90			MAJO	84.80	47	ePd	23	15.16	-1.4			epP	27	08.75		
QIZ		76.47	76	P	22	32.30		-0.3				ed	23	17.40				SKS	34	12.31		
	N	16s	1.42um									epPc	23	20.05	15kmX			S	34	36.33		
	E	16s	1.52um						MAT	84.80	47	eP	23	15.00	-1.6			SP	36	02.24		
				eS	32	18.00				1.4s	118.60nm		5.9mb			FMW	89.27	336	P	23	38.80	0.3
ULM		76.49	324	eP	22	34.50		2.3				eS	34	30.00		ASR	89.94	336	P	23	43.64	2.1
CEH		76.56	305	ePd	22	33.11		0.2	BDF	84.88	246	Pc	23	11.90	-5.4X	CRDR	90.78	335	P	23	47.19	1.9
		1.5s	511.59nm					6.4mb				e	23	14.90		VBEM	90.91	335	P	23	48.70	2.7
	Z	20s	2.01um					5.4Msz				e	23	21.80		VIPM	91.07	335	P	23	49.43	2.6
				ed	22	35.59						e	23	30.80		ANMO	93.09	320	ePd	23	57.25	1.0
				epPc	22	37.75		15kmX				e	24	01.10				ec	24	00.15		
				ec	22	39.24						e	24	01.10				ec	24	03.62		
				S	32	13.71			OFUJ	84.91	43	eP	23	15.10	-1.9	ALQ	93.10	320	eP	23	57.10	0.8
				SS	37	22.53			BAO	84.93	246	e(P)	23	16.00	-1.5		2.6s	161.15nm		6.0mb		
8LA		76.60	307	ePd	22	34.79		1.6				e	23	20.00		Z	19s	2.92um		5.8Msz		
		1.5s	105.26nm					5.7mb				e	23	20.00				epP	27	38.73		
GZH		76.74	71	ePc	22	34.00		0.0				e	23	21.60				SP	36	16.12		
	Z	16s	1.90um					5.5MszX				e	23	24.60		DBO	93.18	336	P	23	58.64	2.2
	N	13s	1.49um									e	23	29.10		SIV	94.80	254	eP	24	07.00	3.0X
				S	32	22.00						e	23	36.40		WDC	95.21	334	P	24	20.00	14.3X
COL		76.84	356	iPd	22	33.84		-0.1				e	23	58.00		Z	19s	3.63um		5.9Msz		
				ed	22	36.32						e	24	02.80		WDC	95.21	334	P	24	12.12	6.4X
				epPc	22	38.23		14kmX				e	24	09.70		Z	19s	3.63um		5.9Msz		
FBA		76.84	356	ePd	22	34.20		0.3				e	24	14.00				PP	28	00.83		
		1.8s	423.61nm					6.2mb	CHJJ	85.60	47	eP	23	20.20	-0.4			SP	36	34.20		
ANM		77.28	3	eP	22	35.80		-0.6	TOV	85.76	279	eP	23	25.50	3.8X	ORV	95.75	333	eP	24	10.00	1.8
SSE		77.60	60	ePd	22	36.40		-2.3	SMY	86.05	17	P	23	30.00	7.6X	CMB	96.68	331	eP	24	12.72	0.2
		1.0s	15.00nm					5.0mb		Z	20s	2.08um		5.5Msz			2.5s	128.22nm		6.0mb		
	Z	20s	2.70um					5.6Msz	KAKJ	86.16	46	eP	23	20.70	-2.6		Z	20s	2.13um		5.6Msz	
	N	13s	2.10um						BAG	86.18	72	eP	23	22.90	-1.0			ed	24	14.79		
	E	13s	0.70um						CVP	86.30	70	ePc	23	25.00	0.8			ec	24	18.77		
				ed	22	38.72			MIAR	86.36	312	eP	23	25.26	0.9			PP	28	07.81		
				epPc	22	41.12		15kmX		2.1s	919.56nm		6.6mb					PS	36	51.39		
				ec	22	42.44				Z	21s	3.72um		5.8Msz				SS	42	37.37		
				SS	37	24.00						e	23	27.83		TUC	97.35	322	eP	24	16.78	1.1
TRN		78.69	275	eP	22	47.14		2.2				ic	23	31.63			1.3s	38.40nm		5.8mb		
JFWS		78.71	316	ePd	22	44.15		-0.5				S	33	54.08		Z	21s	3.13um		5.8Msz		
		1.6s	414.74nm					6.2mb	LNO	86.66	314	iPc	23	26.60	0.9			PP	28	11.93		
	Z	21s	4.38um					5.8Msz	LNO2	86.66	314	ePc	23	26.90	1.2			SP	36	59.03		
				ed	22	46.80			LNO3	86.66	314	ePc	23	27.10	1.3	ISA	97.99	329	eP	24	19.65	1.2
SDG		79.05	354	eP	22	34.71		-11.4X	TUL	86.66	314	iPc	23	26.90	1.1		1.6s	106.63nm		6.2mb		
TTA		79.10	359	eP	22	46.80		0.3		0.8s	215.50nm		6.4mb		Z	19s	4.27um		6.0Msz			
QZH		79.48	67	eP	22	48.00		-1.1		Z	20s	3.00um		5.7Msz				PP	28	16.65		
	Z	16s	1.90um					5.5MszX				S	34	03.00				SP	37	13.61		
	E	10s	0.50um									e	44	05.00		GLA	98.65	325	eP	24	25.00	3.6X
				eS	32	45.00			SDN	86.69	2	P	23	40.00	14.5X	ZOBO	100.36	257	ePd	24	25.00	-5.1X
TOA		79.51	355	eP	22	49.80		1.1				LR	52	09.00		Z	24s	1.11um		5.3MszX		
YSS		79.70	37	eP	22	49.74		-0.1		Z	20s	2.38um		5.6Msz				S	36	08.00		
		1.0s	150.00nm					5.9mb	SDV	86.97	279	iPc	23	28.70	0.9			LR	59	32.00		
				ed	22	52.05			BMA	87.04	238	eP	23	31.70	4.0X	LPB	100.48	257	Pdiff	24	36.00	5.6X
				epPc	22	54.37		15kmX	VVO	87.04	314	eP	23	28.80	1.1	Z	22s	2.22um		5.6Msz		
				ec	22	55.70			SIO	87.07	314	eP	23	29.00	1.2			PP	28	12.00		
				eS	32	49.00			UYO	87.14	312	iPd	23	28.30	0.1			LR	59	24.00		
CTGM		80.19	352	eP	22	34.12		-18.4X	DPW	87.32	335	P	23	29.59	0.7	NVL	109.04	184	ePKP	29	17.00	6.1X
PMR		80.21	356	eP	22	54.00		1.7	SAW	87.86	335	P	23	31.89	0.4		1.8s	9.00nm				
		1.4s	303.90nm					6.1mb	OCO	87.88	315	iPd	23									

WRA	119.03	93 PKP	29 31.00	-0.6	KLU	3.74	21 eP	22 19.99	0.0	LZH	43.18	357 Pd	34 11.00	-0.1
WB2	119.04	93 IPKPc	29 29.20	-2.4	BGL	3.76	331 eP	22 20.00	-0.2		1.5s	32.00nm		4.8mb
ASPA	120.68	97 IPKPc	29 33.60	-1.0	GHO	3.76	358 eP	22 20.64	0.4			pP	34 22.00	39km
HON	120.69	0 PKP	29 50.00	15.4X	SML	3.80	2 eP	22 21.02	0.3			sP	34 27.00	
SPA	128.12	180 IPKPc	29 46.80	-1.0	NCG	3.82	334 eP	22 21.01	-0.1	TIA	44.45	13 Pc	34 20.70	-0.5
CTA	128.47	86 IPKPd	29 49.50	-0.2	SCM	3.88	9 eP	22 22.41	0.5	TIY	45.12	7 Pd	34 26.70	0.1
STK	130.57	102 IPKPd	29 57.70	4.4X	CROM	3.93	44 eP	22 22.63	-0.1		0.8s	33.00nm		5.2mb
RMO	133.73	92 ePKP	30 00.80	1.3	TGL	4.04	45 eP	22 24.02	-0.2	NDI	45.37	323 IPc	34 28.00	-0.6
TOO	135.69	108 ePKP	29 56.20	-6.0X	GLL	4.21	34 eP	22 26.43	-0.2		0.7s	287.67nm		6.3mb
BWA	136.83	182 ePKP	30 07.60	2.4	SKT	4.22	341 eP	22 26.79	0.1	GTA	46.82	353 Pd	34 40.00	-0.1
CAN	137.59	103 ePKP	30 09.10	2.4	YAH	4.26	54 eP	22 27.31	-0.1		1.0s	40.00nm		5.3mb
DZM	145.18	73 IPKPc	30 20.00	-0.5	TOA	4.27	16 eP	22 28.33	0.8	BWA	47.31	131 IPc	34 46.30	2.3
S.D. = 1.4 on 510 of 589 obs.					TZL	4.34	21 eP	22 29.12	0.7			i	35 04.40	73kmX
NOV 18, 1992 21h 21m 20.91 ± 0.83s					BALM	4.41	44 iP	22 29.14	-0.3	BTO	47.76	4 eP	34 47.20	-0.2
58.029 N ± 7.4km 148.659 W ± 2.2km					S.D. = 0.5 on 58 of 58 obs.					BJI	47.97	10 eP	34 48.50	-0.4
DEPTH = 10.0km (geophysicist)					NOV 18, 1992 21h 26m 13.03 ± 0.23s						0.8s	23.00nm		5.3mb
GULF OF ALASKA (15)					7.268 S ± 5.0km 106.193 E ± 6.0km							PcP	36 17.00	
ML 2.6 (AEIC).					DEPTH = 48.2km (8 depth phases)					CAN	48.12	132 IPc	34 51.40	1.0
CNPM	2.01	319 iP	21 55.71	0.4	JAWA, INDONESIA (277)							e	35 10.70	78kmX
MTU	2.03	14 eP	21 55.77	0.2	TRT	6.40	94 ePd	27 31.40	-15.8X	HHC	48.13	5 P	34 50.50	0.2
SYI	2.05	288 eP	21 56.55	0.7		0.6s	86.00nm				0.8s	17.00nm		5.1mb
LTl	2.06	11 eP	21 56.09	0.1	KGM	9.66	343 eP	28 38.00	5.7X	SNY	51.38	17 eP	35 15.20	0.2
BRLK	2.09	327 eP	21 56.80	0.4	TSM	16.36	46 ePd	30 08.50	7.4X	MTMJ	52.74	32 P	35 24.20	-1.3
SEW	2.12	349 iP	21 56.84	0.0	KKM	16.58	37 ePc	30 10.30	6.4X	QUE	52.96	317 eP	35 28.70	1.4
HOM	2.25	318 iP	21 59.84	1.1		0.5s	75.50nm		5.1mb	CHJJ	52.98	33 P	35 25.40	-1.7
KNIM	2.38	11 iP	22 00.43	-0.1	BSI	16.70	319 eP	30 03.00	-2.4	WMO	53.54	343 eP	35 30.50	-0.7
MPA	2.49	352 eP	22 02.00	-0.1	KUPT	17.45	101 eP	30 15.30	0.6	CN2	53.74	17 Pd	35 31.50	-1.1
SLKM	2.61	343 iP	22 04.10	0.2		0.8s	408.20nm		5.6mb		1.0s	24.00nm		5.2mb
HIN	2.62	24 eP	22 03.84	-0.2	NANU	17.67	150 eP	30 13.00	-4.3X	KAKJ	53.74	34 P	35 29.70	-2.9
AUL	2.84	301 eP	22 07.21	0.1		0.4s	17.00nm		4.5mb	KSH	54.25	331 P	35 36.90	0.3
PTE	2.85	356 iP	22 07.40	0.2	MBL	19.10	138 eP	30 30.70	-4.1X		0.8s	40.00nm		5.5mb
CVA	2.93	29 iP	22 08.18	-0.2			eS	33 10.00		MDJ	55.79	20 eP	35 46.60	-0.9
FID	2.95	21 eP	22 08.34	-0.3	NNT	20.75	342 eP	30 53.80	1.5	OFUJ	56.64	33 P	35 52.30	-1.4
GLI	2.97	15 eP	22 08.83	-0.1	MEEK	22.60	150 eP	31 08.00	-2.8	AOMJ	57.05	31 eP	35 57.20	0.6
NKA	3.03	335 eP	22 11.69	2.0		0.6s	17.00nm		4.7mb	ZAK	57.47	358 eP	35 59.00	-0.3
ILIM	3.03	315 iP	22 09.65	-0.1	KHT	23.17	341 eP	31 15.10	-1.3		1.0s	10.00nm		4.8mb
SGAM	3.05	34 eP	22 10.08	0.1	NST	23.57	345 eP	31 25.50	5.3X	DZM	59.76	111 iPc	36 16.60	0.6
INE	3.05	314 eP	22 10.15	-0.1	KNA	23.65	113 eP	31 21.50	0.5	HOOU	59.87	31 eP	36 15.80	-0.4
RAGM	3.13	39 eP	22 11.08	-0.1		0.6s	69.00nm		5.3mb	ASAJ	60.82	29 P	36 21.50	-1.1
MCNL	3.19	294 eP	22 12.37	0.3	MRWA	23.71	158 eP	31 20.50	-1.0	KUSJ	61.12	31 P	36 23.50	-1.1
RS1	3.22	321 eP	22 12.50	-0.2			eS	35 12.00		BKM	61.23	106 IPd	36 29.50	3.6X
RSO	3.22	321 eP	22 12.39	-0.3	CGP	24.17	50 ePd	31 39.00	13.0X	MAIO	61.60	318 IPc	36 27.00	-1.2
VZW	3.22	19 eP	22 12.89	0.3	MTN	25.16	105 eP	31 36.00	0.4	YSS	63.01	27 ePd	36 36.00	-1.2
RS2	3.22	321 iP	22 12.45	-0.3		0.5s	230.00nm		6.0mb		0.9s	40.00nm		5.5mb
REF	3.22	322 eP	22 12.33	-0.4	BDT	25.37	344 eP	31 38.80	0.5	ASH	63.29	319 eP	36 38.50	-0.8
HMT	3.24	42 eP	22 12.67	-0.1	QIZ	26.38	8 P	31 47.80	1.0	BOD	65.22	5 eP	36 50.20	-1.2
RDW	3.26	321 iP	22 12.92	-0.3		N 14s	1.03um				0.8s	19.00nm		5.2mb
PMS	3.26	352 eP	22 11.44	-1.7	CHG	E 17s	1.79um			MAW	66.88	197 IPc	37 00.00	-1.2
DFR	3.30	323 eP	22 13.03	-0.7		26.88	345 eP	31 51.00	-0.5		1.0s	22.00nm		5.1mb
VLZ	3.33	20 eP	22 14.45	0.4	WARB	0.9s	13.66nm		4.6mb	BRVK	67.37	337 IPc	37 04.00	-1.3
NCT	3.35	321 eP	22 12.95	-1.6		27.08	136 eP	31 51.00	-2.2		0.9s	42.00nm		5.5mb
PDB	3.37	304 eP	22 14.49	-0.1		0.5s	9.00nm		4.7mb	LTZ	67.59	133 P	37 06.70	-0.3
KNK	3.40	2 eP	22 15.26	0.2	COOL		eS	37 00.00		THZ	67.86	132 P	37 09.00	0.3
PLRM	3.58	356 eP	22 17.64	0.0	WB2	30.07	118 IPc	32 19.90	-0.3		0.7s	22.00nm		5.3mb
SPU	3.60	333 eP	22 17.70	-0.3			iP	32 37.00	72kmX	MNG	69.60	131 eP	37 18.90	-0.5
SUA	3.60	344 eP	22 17.78	-0.3	KMI	32.37	354 P	32 41.00	0.4	HBZ	71.43	127 P	37 31.20	8.7
CKT	3.66	332 eP	22 18.46	-0.3	GYA	33.53	1 iPd	32 52.00	1.5	CIR	73.10	250 IPd	37 41.00	0.3
CKN	3.67	332 eP	22 19.31	0.4		1.0s	19.00nm		4.9mb			iPP	40 24.90	
CKL	3.69	331 eP	22 18.88	-0.4	GHA	35.29	306 P	33 05.90	0.3	SVE	73.91	336 ePd	37 45.00	0.3
CGLM	3.70	334 eP	22 19.22	-0.2	HYB	36.71	312 IPc	33 17.20	-0.4		2.0s	128.00nm		5.5mb
CRP	3.70	333 eP	22 19.43	-0.1		1.0s	40.00nm		5.3mb	MTA	74.19	317 iP	37 48.20	1.6
CP2	3.72	332 eP	22 19.94	8.1	CD2	38.03	357 eP	33 27.50	-1.1		1.0s	130.00nm		5.8mb
					LSA	39.50	339 IPc	33 41.00	-0.4	ARU	74.48	335 eP	37 48.00	8.0
						1.0s	13.00nm		4.7mb	MGD	75.81	21 eP	37 55.00	-0.6
					PMG	40.57	96 eP	33 51.40	1.5		0.9s	160.00nm		6.0mb
					SSE	40.76	20 P	33 51.50	0.4	BUL	75.91	251 IPc	37 56.80	-1.1
							PcP	35 52.50			1.1s	81.65nm		5.6mb
					CTA	40.84	112 IPd	33 53.50	1.5	SLR	76.01	245 IPc	37 56.10	-1.5
						1.0s	25.00nm		4.9mb	PYA	76.33	319 IPc	37 59.00	0.1
							i	34 08.00	56km		1.0s	100.00nm		5.7mb
							e	40 00.00		PRY	76.71	244 e(P)	38 01.00	-0.5
							e	43 33.00			1.0s	30.00nm		5.3mb
					NJ2	40.92	17 Pc	33 52.00	-0.4	NRI	77.51	354 IPd	38 04.00	-0.8
					POO	40.93	309 IPc	33 45.52	-7.2X		1.0s	50.00nm		5.5mb
					STK	41.06	131 IPc	33 58.50	4.9X	BLF	77.79	242 IPc	38 05.80	-1.6
						0.9s	50.30nm		5.2mb		0.7s	20.00nm		5.3mb
					XAN	41.16	3 P	33 53.50	-0.9	TIK	80.15	7 IPd	38 18.50	-0.6
						0.7s	24.00nm		5.0mb		0.8s	66.00nm		5.6mb
							pP	34 00.70	24kmX	CSS	80.30	387 eP	38 21.70	0.9
										MOS	84.18	328 eP	38 48.00	7.7

OBN	84.49 0.9s	327 iPC 62.00nm	e e	39 03.00 38 42.50	52km 0.6
BCAO	88.24 1.2s	275 iPC 70.00nm	i e	49 05.50 39 01.00	-0.2 5.8mb
MLR	88.35	316 iPC	e	39 02.50	1.3
KAF	91.66 0.7s	332 iPC 13.40nm	e e	39 16.70 39 20.50	0.6 5.5mb
NUR	92.12 0.5s	331 iPC 12.30nm	iP e	39 20.50 39 20.50	2.3 5.6mb
SDF	92.76	338 iPC	iP	39 22.80	1.8
KSP	95.51	320 eP	eP	39 36.00	1.9
GEC2	97.06 0.7s	318 eP 0.62nm	eP e	39 41.00 39 54.30	0.6 4.3mb X 41km
HFS	97.49 0.4s	330 eP 1.60nm	eP e	39 44.10 39 59.00	1.3 4.9mb
LGPM	125.10	44 ePKP	e	45 11.53	1.3
LBFM	125.57	44 ePKP	e	45 12.09	0.8
HVU	131.33	39 ePKP	e	45 23.37	1.2
GSC	131.74	48 ePKP	e	45 25.16	2.1
DAU	133.04	39 ePKP	e	45 26.77	1.1
ULM	133.36	19 ePKP	e	45 29.50	4.0X
MSU	133.48	42 ePKP	e	45 28.15	1.7
RSSD	134.79	31 ePKPC	e	45 29.11	0.4
PV10	135.61	40 ePKPC	e	45 31.83	1.3
WMOK	144.28	37 ePKP	e	45 44.07	-1.9
MEO	144.37	36 iPKPd	e	45 44.50	-1.6
FNO	144.71	35 iPKPd	e	45 46.30	-0.3
SIO	144.95	33 ePKP	e	45 47.10	0.1
LNO	145.10	32 ePKP	e	45 46.80	-0.3
LNO2	145.10	32 ePKP	e	45 46.80	-0.4
TUL	145.10 0.8s	32 ePKP 41.30nm	e	45 47.00	-0.3
VVO	145.57	33 ePKP	e	45 48.70	0.6
BDF	145.69	228 PKPC	e	45 41.70	-7.3X
BAO	145.77	228 PKPC	e	45 50.00	0.9
FVM	145.91	24 ePKP	e	45 49.12	0.5
TBR	146.27	1 ePKP	e	45 50.22	1.2
PNJ	146.50	0 iPKP	e	45 51.00	1.6
LVNJ	146.59	1 ePKP	e	45 51.14	1.6
ELC	146.99	23 ePKP	e	45 51.87	1.6
MCWV	147.30	9 (PKP)	e	45 48.97	-1.8
MIAR	147.31	31 ePKP	e	45 52.26	1.3
OLY	147.56	27 ePKP	e	45 53.27	2.0
TKL	150.30	17 (PKP)	e	45 56.22	0.7
CEH	151.10	9 ePKP	e	45 57.12	0.4
PRM	152.17	15 ePKP	e	46 00.40	2.0
JSC	152.25	13 (PKP)	e	45 57.59	-0.9
SIV	153.67	209 PKP	e	46 06.80	5.8X
CCH	154.36	197 PKP	e	46 01.00	-1.3
CNCB	155.39	194 PKP	e	46 07.00	3.1X
ZOBO	155.93	193 PKP	e	46 04.00	-0.8
S.D. = 1.2 on 114 of 130 obs.					
* NOV 18, 1992 21h 40m 48.20s 35.200 N 97.550 W DEPTH = 5.0km (geophysicist) OKLAHOMA (499) <TUL>. mbLg 2.0 (TUL).					
WMOK	1.11	246 ePg	e	41 08.05	-1.5
SIO	1.15	61 ePg	e	41 09.28	-0.9
VVO	1.49	84 ePg	e	41 14.83	-0.8
TUL	1.80	63 ePh	e	41 16.98	-0.2
LNO	1.60	63 iPh	e	41 16.93	-0.2
LNO2	1.60	63 ePh	e	41 16.97	-0.2
LNO3	1.60	63 (Ph)	e	41 17.05	-0.2
7 obs. associated					
NOV 18, 1992 22h 02m 17.07±0.60s 40.611 N ± 5.9km 22.838 E ± 4.8km DEPTH = 10.0km (geophysicist) GREECE (364)					
THE	0.10	78 iPg	eSg	02 19.57	-0.2
SOH	0.45	62 iPg	eSg	02 26.06	-0.1
GRG	0.48	316 ePg	eSg	02 25.54	-1.3
LIT	0.58	208 ePg	iSg	02 28.26	-0.5
VAY	0.74	344 iPh	iSn	02 30.40	-1.1
SRS	0.76	48 iPg	eSg	02 31.70	-0.3
PAIG	0.94	136 iPg	eSg	02 35.14	0.2
FNA	1.12	279 ePg	eSg	02 38.46	0.3
OHR	1.63	289 ePh	eSg	02 39.40	-6.5X
SKO	1.72	323 iPh	eSg	02 49.60	2.4
RZN	1.78	52 iP	eSg	02 49.00	0.7
PGH	2.18	27 eP	eSg	02 54.00	0.1
ALN	2.45	82 ePh	eSg	02 57.46	-0.3
S.D. = 1.0 on 12 of 13 obs.					
% NOV 18, 1992 22h 53m 31.89±0.78s 31.875 S ±18.1km 68.210 W ± 7.8km DEPTH = 110.0km (geophysicist) SAN JUAN PROVINCE, ARGENTINA (137)					
CFA	0.27	355 ePc	S	53 48.00	0.0
RTCV	0.28	273 iP	S	53 48.00	-0.1
RTBS	1.08	281 iPd	S	53 54.20	0.0
RTPR	2.14	43 e(P)c	S	54 07.30	0.2
MRA	2.19	105 ePd	S	54 08.00	0.2
TCA	3.13	81 iP	S	54 20.20	-0.3
S.D. = 0.2 on 6 of 6 obs.					
? NOV 18, 1992 23h 56m 34.84±1.42s 52.078 N ±31.8km 176.280 E ±19.8km DEPTH = 33.0km (normal) 4.1mb (1 obs.) RAT ISLANDS, ALEUTIAN ISLANDS (6)					
SMY	1.49	297 eP	S	56 59.46	0.0
NAO	66.85	352 P	S	07 25.00	0.0
GUN	68.74	288 P	S	07 37.80	0.0
KKN	69.18	289 P	S	07 40.50	0.2
PKI	69.27	288 P	S	07 40.50	-0.5
GKN	69.40	289 P	S	07 41.60	0.0
DMN	69.42	289 P	S	07 42.10	0.3
S.D. = 0.3 on 7 of 7 obs.					
* NOV 19, 1992 00h 00m 28.42±2.45s 4.059 S ±14.6km 142.820 E ±16.3km DEPTH = 66.0 ± 30.0 km 3.8mb (2 obs.) NEW GUINEA, PAPUA NEW GUINEA (202)					
YYYY	3.81	125 eP	S	01 27.10	1.0
LAT	4.90	122 iPd	S	01 41.40	0.1
PMG	6.84	141 eP	S	02 06.60	-1.7
MTN	14.48	232 eP	S	03 52.00	0.6
CTA	16.28	168 eP	S	04 15.00	0.6
WB2	17.82	207 iPd	S	04 32.10	-1.4
WRA	17.82	207 P	S	04 23.80	-9.8X
ASPA	21.31	203 iPd	S	05 13.30	1.5
S.D. = 0.3 on 114 of 130 obs.					
WMOK	1.11	246 ePg	e	41 08.05	-1.5
SIO	1.15	61 ePg	e	41 09.28	-0.9
VVO	1.49	84 ePg	e	41 14.83	-0.8
WARB	26.91	214 eP	e	09 02.60	-0.4
STK	27.70	182 eP	e	06 17.20	4.8
GUN	63.33	304 P	e	10 54.50	0.9
KKN	63.79	304 P	e	10 56.00	-0.4
DMN	63.87	303 P	e	10 55.70	-1.3
GKN	64.39	304 P	e	11 00.70	0.4
KIC	147.62	275 (PKP)	e	20 14.20	9.0
SIV	149.09	131 ePKP	e	20 12.00	4.6
S.D. = 1.2 on 12 of 16 obs.					
NOV 19, 1992 00h 49m 27.00±0.22s 31.146 N ± 3.7km 131.445 E ± 3.4km DEPTH = 36.4km (38 depth phases 5.0mb (63 obs.) 5.3Msz (10 obs.) KYUSHU, JAPAN (235) CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 19S, 32C Centroid Location: Origin Time 00:49:30.4 0.1 Lat 30.92N 0.08 Lon 131.80E 0.0 Dep 38.7 3.1 Half-duration 1.1 Moment Tensor: Scale 10+16 N Mrr= 8.21 0.44 Mtt=-0.58 0.6 Mff=-7.64 0.62 Mrt= 8.97 1.2 Mrf= 3.92 1.1 Mtr=-5.26 0.5 Principal Axes: T Val=13.82 Plg=59 Azm=35 N -0.34 22 22 P -13.49 21 127 Best Double Couple:Mo=1.4+10+17 NP1:Strike=183 Dip=31 Slip=43 NP2: 54 70 110					
KAGJ	0.48	275 iPd	S	49 38.70	1.4
KUMJ	1.48	339 iP	S	49 53.50	1.9
SHNJ	2.98	355 P	S	50 13.80	0.8
SHNJ	2.98	355 P	S	50 13.90	0.9
TKSJ	3.58	37 P	S	50 21.30	-0.2
YONJ	4.37	22 eP	S	50 33.10	0.3
WKYJ	4.65	48 eP	S	50 35.60	-1.1
MAT	7.78	44 eP	S	51 19.00	-1.8
SSE	8.79	272 Pd	S	51 36.50	1.8
Z	1.0s	74.00nm	S	5.8mb	
N	18s	14.30um	S	4.6Msz	
E	12s	1.50um	S		
YAMJ	9.96	43 eP	S	51 50.80	0.1
NJ2	10.78	278 P	S	52 01.80	-0.1
DL2	11.16	317 eP	S	52 09.00	1.9
OFUJ	11.51	44 eP	S	52 10.60	-1.3
SNY	12.39	332 iPC	S	52 26.00	2.3
Z	2.0s	190.00nm	S	5.8mb	
N	14s	14.40um	S	4.7Msz	
N	13s	7.96um	S		
OZH	12.92	245 eP	S	52 34.00	-0.7
Z	14s	8.87um	S		
N	12s	1.95um	S		
E	12s	1.75um	S		
TIA	12.95	297 Pd	S	52 33.70	2.5
Z	1.7s	60.00nm	S	5.5mb	
N	15s	12.90um	S	4.0Msz	
N	13s	1.20um	S		
E	13s	6.37um	S		
CN2	13.49	341 P	S	52 41.00	2.7
Z	1.4s	26.00nm	S	4.9mb	
N	14s	18.80um	S	4.5Msz	
E	15s	4.35um	S		
MDJ	13.53	354 eP	S	52 36.50	-2.2
Z	24s	4.63um	S		

	Z	14 s	4.50um			5.7Mszx
	N	16 s	1.00um			
	E	14 s	4.00um			
			e	59	08.00	33km
			e	59	55.00	
IMA	55.86	28	ePc	59	03.02	-0.1
	1.7 s	26.24nm				5.0mb
			ePp	59	13.82	36km
BGL	56.66	34	eP	59	09.21	0.4
CRP	56.77	34	ePd	59	10.21	0.5
			eP	59	19.98	32km
WARB	57.19	185	iPc	59	12.30	-0.5
	0.8 s	22.00nm				5.2mb
PMS	58.02	34	eP	59	18.30	0.0
	1.2 s	55.80nm				5.5mb
			e	59	30.40	42km
PMR	58.18	34	ePd	59	18.56	-0.8
	1.0 s	33.99nm				5.4mb
F8A	58.38	30	ePc	59	20.48	-0.3
	1.1 s	8.30nm				4.7mb
MAIO	58.80	296	iPc	59	24.00	-0.2
ASH	59.18	298	eP	59	26.00	-0.6
	1.5 s	120.00nm				5.8mb
TOA	59.49	33	eP	59	29.80	1.2
RMQ	59.65	162	eP	59	39.80	9.9X
	1.2 s	29.00nm				5.3mb
KLU	59.72	33 (P)		59	29.50	-0.7
KAT	60.37	300	eP	59	34.00	-0.7
	Z	14 s	0.80um			5.0Mszx
	N	14 s	1.00um			
	E	14 s	1.00um			
			ePPP	03	13.00	
			iS	07	48.00	
			ePS	08	07.00	
			e	09	18.00	
DZM	62.66	143	iPc	59	50.90	0.4
STK	63.42	170	eP	59	58.70	3.5X
	0.7 s	6.80nm				4.9mb
			e	00	09.50	35km
M8C	64.39	15	ePd	00	00.80	-0.3
	1.0 s	29.00nm				5.3mb
APA	64.61	335	ePd	00	00.60	-2.1
KEV	65.92	338	eP	00	14.00	3.0X
	0.7 s	16.00nm				5.2mb
GRD	66.53	308	eP	00	06.00	-9.3X
	Z	14 s	3.00um			5.7Mszx
	N	18 s	11.00um			
	E	18 s	11.00um			
MDS	66.91	322	iPd	00	16.00	-1.5
	2.0 s	110.00nm				5.6mb
			e	00	26.00	32km
			e	04	22.00	
SDF	67.12	336	iP	00	17.50	-1.2
			i	00	26.00	27km
08N	67.69	322	iPd	00	20.80	-1.7
	1.8 s	108.00nm				5.6mb
			i	00	31.00	33km
			i	00	41.30	
PYA	68.04	309	eP	00	24.00	-0.9
	Z	17 s	2.50um			5.5Mszx
			e	00	42.00	67kmX
ERE	68.54	305	iP+	00	27.50	-0.7
	1.4 s	17.00nm				4.9mb
PUL	68.89	328	eP	00	38.00	8.2X
	Z	15 s	4.00um			5.0Mszx
	N	15 s	1.70um			
	E	15 s	3.00um			
KAF	69.58	331	eP	00	31.00	-3.0X
TOD	69.61	168	eP	00	47.10	12.6X
	0.5 s	13.00nm				
SOC	70.44	310	eP	00	39.00	-0.6
DAG	70.77	353	eP	00	41.00	0.0
	0.9 s	8.40nm				4.8mb
			eSP	04	23.00	
NUR	71.05	330	eP	00	41.00	-2.0
ANN	71.46	312	eP	00	44.00	-1.7
			e	00	52.00	26kmX
YKA	72.89	26	eP	00	54.00	0.1
	1.3 s	7.20nm				4.5mb
MNK	72.9					

VR1	0.7s	6.90nm	4.8mb	SRU	89.43	43	ePd	02	23.23	1.4	Z	18s	3.38um	4.8Msz
MLR	77.53	316	eP	01	20.00	-0.6			ipPd	02	34.13	34km		
UZH	78.19	316	eP	01	25.00	0.6	RSSD	89.59	36	eP	02	23.61	1.1	
	78.55	320	eP	01	25.50	-0.6		0.9s	7.45nm				5.0mb	
	Z	16s	2.20um				PV09	90.65	43	eP	02	28.81	1.2	
	E	16s	2.80um				PV10	90.79	43	eP	02	29.80	1.6	
OJC	78.97	323	eP	01	29.40	0.9	PV08	90.89	43	eP	02	29.75	1.0	
			i	01	29.70	1kmX					02	41.22	37km	
			e	01	41.00		TUC	93.70	49	eP	02	43.56	2.1	
SPC	79.34	322	eP	01	29.60	-1.1		1.0s	5.45nm				4.9mb	
DPW	79.64	40	eP	01	33.37	1.2			eP	02	54.68	35km		
			epP	01	44.84	38km	KIC	123.94	304	PKP	08	23.10	-0.5	
KSP	80.39	324	eP	01	36.00	0.0	TIC	123.94	304	PKP	08	23.10	-0.5	
			e	01	46.00	32km	LIC	124.24	304	PKP	08	23.70	-0.5	
LBFM	81.17	47	eP	01	41.47	0.9	ZOBO	156.82	55	ePKP	09	20.00	-1.0	
			epP	01	52.94	37km					13	07.00		
SRO	81.19	321	eP	01	48.70	8.4X	LPB	157.01	55	ePKP	09	33.00	12.1X	
BRG	81.53	325	eP	01	44.00	2.0					13	36.00		
			e	01	52.60	27km	CNCB	157.28	56	ePKP	09	31.00	9.5X	
			e	05	27.20						13	24.00		
ZST	81.60	322	e(P)	01	52.80	10.4X	CCH	158.95	53	(PKP)	09	22.00	-1.0	
			e	05	19.20						10	10.00		
			e	33	57.60		SIV	161.07	40	PKP	09	30.00	5.1X	
CLL	81.70	326	iP	01	43.00	0.1		S.D. = 1.2	on 149 of 168 obs.					
			i	01	53.10	32km								
PRU	81.80	324	eP	01	45.00	1.6		NOV	19, 1992	00h 53m 10.55±0.20s				
			e	02	11.40	101kmX				31.148 N ± 3.6km 131.423 E ± 3.4km				
ORV	82.41	48	(P)	01	46.78	-0.1				DEPTH = 33.8km (34 depth phases)				
			epP	01	58.29	38km				5.1mb (56 obs.) 5.0Msz (25 obs.)				
FCC	82.75	22	eP	01	52.50	4.3X				KYUSHU, JAPAN				
			pP	02	05.50	44km								
MOX	82.80	326	e(P)	01	50.20	1.6	KAGJ	0.46	275	iPd	53	22.90	2.4	
	Z	18s	2.50um						eS	53	31.30			
	N	19s	2.40um				KUMJ	1.47	340	iP+	53	37.70	2.6	
	E	19s	1.30um						eS	53	56.80			
KHC	82.83	324	eP	01	50.50	1.6	SHNJ	2.98	355	P	53	57.60	1.1	
	1.0s	3.50nm					TKSJ	3.59	37	P	54	05.80	0.6	
			e	02	02.50	40km			eS	54	47.50			
SKO	82.87	315	iP	01	50.20	1.0	YONJ	4.38	22	P	54	16.80	0.4	
	Z	16s	1.90um				WKYJ	4.66	48	P	54	19.30	-1.2	
			LR	43	24.00		TSRJ	5.81	40	P	54	36.30	-0.3	
			e	05	34.00				S	55	36.10			
GEC2	82.95	324	eP	01	49.60	0.0	MTMJ	7.59	43	eP	55	00.70	-1.0	
	0.6s	2.03nm					MAT	7.80	45	eP	55	03.00	-1.5	
			e	01	55.70	19kmX		0.7s	21.92nm				5.3mb	
			e	02	03.70				eS	56	34.00			
GRF	83.62	326	iPc	01	52.80	-0.1	CHJJ	7.98	50	eP	55	05.80	-1.4	
	1.8s	50.00nm					NIJJ	8.73	44	P	55	17.30	-0.2	
	Z	21s	1.80um				KAKJ	8.86	53	eP	55	19.20	-0.1	
			e	02	04.20	37km	OFUJ	11.53	44	eP	55	55.30	-0.4	
CMB	83.99	49	(P)	01	56.32	1.3	CN2	13.49	341	eP	56	22.00	0.1	
	1.3s	18.71nm						1.0s	61.00nm				5.5mb	
			epP	02	07.12	34km		Z	14s	12.40um			4.7MszX	
LRM	84.03	39	eP	01	56.30	1.0		N	13s	7.46um				
			e	02	08.50	40km		E	13s	1.15um				
K8A	84.28	323	e(P)	01	58.00	1.5				eS	56	30.00		
BONR	85.38	48	eP	02	03.62	1.3				eS	58	57.00		
			epP	02	13.86	32km	BJJ	15.23	310	eP	56	47.00	2.3	
WLF	86.02	328	P	02	06.00	1.1		Z	16s	8.76um				
			e	06	19.00			E	14s	3.90um				
CDF	86.39	326	eP	02	07.30	0.4	CVP	15.97	215	eP	56	54.00	-0.4	
	0.8s	8.60nm					TIJ	16.97	298	iPc	57	12.30	5.4X	
HVU	86.40	42	(P)	02	09.31	2.1		1.2s	140.00nm				5.0mb	
ABL	86.60	51	(P)	02	09.34	1.0		Z	16s	5.95um			4.5MszX	
BSF	87.03	326	eP	02	09.70	-0.3		E	15s	2.66um				
	0.8s	4.15nm					BAG	17.69	216	ePd	57	14.90	-1.3	
DUG	87.39	44	eP	02	13.77	1.8	YSS	18.08	26	eP	57	18.90	-1.7	
	1.0s	2.35nm						Z	15s	2.20um				
			epP	02	24.34	33km		N	15s	2.50um				
LPL	88.70	325	eP	02	18.20	-0.1	HHC	18.72	307	P	57	30.00	1.3	
	0.7s	5.20nm						1.2s	120.00nm				5.0mb	
LPG	88.70	325	eP	02	18.50	0.1	QCP	18.98	212	eP	57	33.50	1.7	
	0.6s	3.95nm					XAN	19.17	285	iPc	57	34.00	-0.1	
ULM	88.77	28	ePd	02	21.80	3.6X		0.8s	36.00nm				4.7mb	
			pP	02	34.50	42km		Z	16s	6.47um			4.6MszX	
LOR	88.81	327	eP	02	19.20	0.7		E	15s	5.69um				
	0.7s	2.55nm							pP	57	41.00	26km		
MSU	88.84	45	eP	02	20.85	1.8	BTO	19.70	304	eP	57	40.00	-0.1	
			epP	02	32.00	35km		N	14s	2.79um				
LBF	88.97	327	eP	02	19.20	-0.1		E	13s	4.49um				
	0.8s	4.15nm							eS	01	24.00			
SSF	89.13	327	eP	02	19.80	-0.2	PLP	20.76	198	ePc	57	51.00	-0.1	
	0.7s	4.20nm					GYA	22.18	264	P	58	05.00	-0.4	
SMF	89.28	327	eP	02	21.30	0.6		0.8s	78.00nm				5.2mb	
	1.0s	9.60nm					CGP	23.44	197	eP	58	15.00	-2.7	
AVF	89.40	327	eP	02	21.20	0.0	LZH	23.45	290	Pc	58	18.00	0.1	
	1.0s	7.60nm						1.5s	240.00nm				5.5mb	

19d 01h

BGL	56.66	34	ePc	02 57.03	33km	OHR	83.75	315	eP	05 37.70	0.1	Z	21s	0.36um	4.9Msz			
CRP	56.78	34	eP	02 52.92	0.2	CMB	84.01	49	eP	05 39.46	0.5	HRV	103.72	17	Pdiff	07 20.00	9.9)	
				02 53.07	0.3		1.2s	17.40nm			5.1mb	Z	20s	0.44um	5.0Msz			
WARB	57.19	185	iPd	03 04.62	36km		Z	21s	0.23um		4.5Msz	MCWV	103.80	24	Pdiff	07 20.00	9.5)	
	0.6s	11.00nm		02 56.40	-0.3					05 46.68	23kmX	Z	21s	1.00um	5.3Msz			
PMR	58.19	34	ePc	03 02.10	-1.1	LRM	84.04	39	eP	05 50.50	1.2	BCAO	107.03	286	iPKPd	11 48.50	13.2)	
	0.9s	46.60nm			5.6mb					05 52.20	38km		1.1s	6.00nm				
FBA	58.39	30	ePc	03 04.28	-0.4	WTS	84.06	329	eP	05 39.00	0.1	CEH	107.42	26	PKP	11 50.00	14.7)	
	0.9s	6.86nm			4.7mb					05 40.20	0.2	Z	21s	1.11um	5.4Msz			
MAIO	58.79	296	iPc	03 07.50	-0.4	VBY	84.26	321	ePc	05 40.20	0.2	KIC	123.92	304	PKP	12 06.90	-0.5	
TOA	59.50	33	eP	03 13.40	0.9	KBA	84.27	323	iPc	05 50.00	31km	TIC	123.92	304	PKP	12 06.90	-0.6	
KLU	59.72	33	(P)	03 13.57	-0.5		0.9s	7.70nm		05 41.30	1.0	LIC	124.22	304	PKP	12 07.60	-0.4	
DZM	62.68	143	iPc	03 35.80	1.4					05 50.00	30km	BAO	164.55	358	PKPd	13 12.90	0.5	
HON	63.13	80	P	03 50.00	12.6X	WTTA	85.02	324	iPc	05 43.80	-0.3					13 15.00		
	Z	20s	0.73um		4.8Msz		0.9s	9.90nm		05 54.50	34km					14 06.90		
STK	63.42	170	iPd	03 42.60	3.6X	MMPM	85.13	49	(P)	05 46.04	1.1					14 18.00		
	0.6s	9.30nm			5.1mb					05 57.11	35km	S.D. = 1.0 on 128 of 154 obs.						
MBC	64.39	15	ePc	03 54.00	38km	ENN	85.33	329	eP	05 45.50	0.3	? NOV 19, 1992 01h 08m 35.70 ± 1.94s						
	1.0s	51.00nm		03 44.50	-0.5		0.8s	18.00nm		05 47.38	1.1	38.68S ± 11.2km 175.019E ± 8.5km						
KEV	65.91	338	eP	03 53.00	-1.8	BONR	85.39	48	ePd	05 49.70	1.0	DEPTH = 298.7 ± 18.5 km						
	0.8s	19.10nm			5.2mb	WLF	86.01	328	iPd	05 50.40	0.6	NORTH ISLAND, NEW ZEALAND (159)						
SIT	66.14	37	P	04 03.00	35km	SNF	86.24	329	Pc	05 50.90	0.2	MOZ	0.25	317	P	09 13.80	0.0	
	Z	21s	1.92um		5.3Msz	CDF	86.38	326	eP	05 50.00	0.2	BSZ	1.11	183	eP	09 16.80	0.1	
GRO	66.51	308	eP	03 58.50	-0.5	ISA	86.63	50	P	06 00.00	7.9X	WAHZ	1.45	135	P	09 18.60	-0.2	
SDF	67.11	336	iP	04 00.00	-1.7	Z	21s	0.33um		05 54.30	0.5	PAHZ	1.60	97	P	09 19.70	-0.1	
BWA	67.16	165	eP	04 03.00	0.4	BSF	87.02	326	eP	05 54.30	0.5	TTH	1.64	122	eP	09 20.50	0.5	
				04 13.90	33km	HAU	87.10	327	eP	05 54.00	-0.1	URZ	1.70	76	eP	09 19.50	-0.8	
OBN	67.68	322	eP	04 05.00	-1.2		0.7s	3.95nm		06 01.90	-0.2	MOH	1.72	106	eP	09 20.80	0.3	
	1.8s	108.00nm			5.6mb	LPL	88.69	325	eP	06 01.90	-0.2	MNG	1.96	170	P	09 22.10	-0.3	
MTA	67.73	306	iP	04 06.00	-0.8		0.8s	10.90nm		06 02.00	-0.2					09 53.00		
CAN	68.15	165	e(P)	04 12.00	3.2X	LPG	88.69	325	eP	06 02.00	-0.2	KIW	2.18	182	P	09 23.90	-0.2	
				04 20.00	27km		0.6s	7.30nm		06 05.30	3.2X	DIW	2.27	201	P	09 25.20	0.2	
ERE	68.53	305	iP+	04 12.00	0.1	ULM	88.78	28	ePc	06 05.30	3.2X	NOZ	2.36	89	eP	09 26.30	0.6	
	1.0s	14.00nm			5.0mb	LOR	88.80	327	eP	06 01.70	-0.6	CAW	2.42	179	P	09 26.10	-0.1	
KAF	69.57	331	iP	04 16.10	-1.7	EMUT	88.82	43	eP	06 04.07	1.2	MTW	2.50	172	eP	09 26.50	-0.4	
TOO	69.62	168	iPd	04 19.00	0.6	MSU	88.85	45	iPd	06 04.59	1.6	MRW	2.55	185	P	09 27.30	-0.1	
				04 30.30	37km					06 15.34	34km					10 03.10		
SOC	70.43	310	eP	04 23.00	-0.3	LBF	88.95	327	eP	06 02.40	-0.7	TCW	2.59	193	P	09 28.10	0.4	
NUR	71.04	330	eP	04 25.00	-1.0	SMF	89.27	327	eP	06 04.20	-0.3	AMW	2.68	168	P	09 28.70	0.1	
YKA	72.90	26	eP	04 37.20	-0.6		0.9s	7.10nm		06 04.20	-0.3	MOW	2.74	176	eP	09 29.00	-0.2	
	0.9s	7.50nm			4.7mb		0.9s	11.30nm		06 04.70	-0.3	ORZ	2.87	221	P	09 30.30	-0.2	
UPP	74.35	331	iP	04 45.70	-0.5	AVF	89.39	327	eP	06 04.70	-0.3					10 09.10		
HFS	75.76	333	eP	04 51.80	-2.5		1.0s	17.60nm		06 06.47	0.7	THZ	3.47	207	eP	09 37.00	0.4	
	0.5s	2.30nm			4.4mb	SRU	89.45	43	ePc	06 06.47	0.7					10 20.70		
NAO	76.42	334	P	04 55.80	-2.2					06 07.07	0.7	KHZ	3.89	196	P	09 41.60	0.6	
	0.8s	14.70nm			5.0mb	RSSD	89.60	36	eP	06 07.07	0.7					10 26.80		
RMW	77.87	42	eP	05 07.24	0.8		0.8s	10.11nm		06 09.50	-0.2	DSZ	3.92	218	eP	09 41.60	0.1	
				05 13.56		Z	20s	0.35um		06 17.61	35km	MOZ	5.32	199	eP	09 56.80	-0.6	
UZH	78.53	320	eP	05 11.00	1.1					06 19.28	40km					10 57.30		
Z	16s	3.40um			5.8MszX	LPF	90.40	330	eP	06 09.50	-0.2	S.D. = 0.4 on 22 of 22 obs.						
E	16s	3.00um					0.8s	11.55nm		06 12.60	1.0	NOV 19, 1992 02h 13m 18.73 ± 1.47s						
CSS	78.79	304	eP	05 12.00	0.4	PV09	90.67	43	eP	06 12.60	1.0	23.60S ± 8.7km 179.916W ± 8.3km						
ALT	78.93	309	eP	05 12.00	-0.4					06 13.50	1.4	DEPTH = 548.6 ± 20.7 km						
OJC	78.96	323	eP	05 12.50	0.3	PV10	90.80	43	ePc	06 13.50	1.4	5.3mb (14 obs.)						
DPW	79.65	40	P	05 17.06	0.9	PV08	90.90	43	eP	06 13.68	1.0	SOUTH OF FIJI ISLANDS (171)						
KSP	80.38	324	eP	05 20.20	0.4					06 14.47	34km	BKM	12.56	296	iPc	16 03.50	0.1	
LGPM	80.83	48	eP	05 23.38	0.8	RJF	91.35	327	eP	06 14.40	0.2	DZM	12.67	274	iPc	16 04.90	0.2	
LBFM	81.18	47	iPc	05 25.31	0.8		0.9s	10.95nm		06 17.61	35km	WCZ	13.26	201	P	16 12.70	2.3	
				05 36.02	34km					06 26.13	0.8	KUZ	13.63	195	P	16 15.10	1.0	
WDC	81.19	48	ePc	05 24.47	0.1	TUC	93.71	49	eP	06 26.13	0.8	WLZ	14.73	194	P	16 26.40	1.3	
	1.2s	19.59nm			5.0mb		1.0s	4.70nm		06 32.67	20kmX	TAZ	14.98	191	eP	16 29.90	3.2)	
CLL	81.69	326	i(P)	05 26.50	-0.2		Z	21s	0.93um		06 37.64		NOZ	15.07	186	eP	16 27.50	-0.9
	0.8s	19.00nm			5.2mb					06 40.00	10.2X	MOZ	15.52	196	P	16 34.20	1.3	
PRU	81.78	324	P	05 28.10	0.9	ALO	94.65	44	P	06 40.00	10.2X	CNZ	16.02	193	eP	16 39.70	1.8	
Z	17s	2.50um			5.6MszX	JFWS	96.97	29	P	06 50.00	10.0X	PGZ	17.26	190	eP	16 48.80	-1.0	
N	16s	1.80um					Z	20s	0.34um		4.8Msz	MNG	17.40	192	eP	16 48.50	-2.7	
E	16s	1.20um				WMOK	99.21	40	P	07 00.00	9.8X	KIW	17.75	193	eP	16 54.20	-0.3	
VAY	82.54	314	iP	05 37.70	6.4X					06 32.67	20kmX	DIW	17.91	195	eP	16 55.20	-0.9	
KHC	82.82	324	eP	05 33.90	1.2	CBM	100.30	13	Pdiff	07 00.00	5.2X	CAW	17.95	192	eP	16 55.30	-1.2	
					5.7MszX		Z	21s	0.84um		5.2Msz	AMW	18.02	191	eP	16 55.40	-1.7	
Z	16s	2.80um				SLM	100.46	32	Pdiff	07 10.00	14.3X	BLW	18.13	191	eP	16 57.80	-0.4	
N	16s	1.20um					Z	19s	0.91um		5.3Msz	MRW	18.15	193				

0.5s	44.00nm	5.3mb	BNT	1.94	34	ePn	45	30.80	-0.2	VGB	5.54	70	eP	03	09.90	-0.6				
CAN	29.36	239	iPd	18	39.90	0.7	KCT	2.07	43	ePn	45	32.00	-0.1	RMW	5.73	49	eP	03	13.28	0.0
BWA	29.60	241	iPd	18	39.70	-1.6		S.D. = 0.2	on	5	of	5	obs.				S	04	23.01	
CMS	31.27	248	iPd	18	55.90	0.4								MXC	6.20	62	P	03	19.72	0.0
0.2s	17.00nm	5.3mb												RPW	6.51	43	P	03	24.34	0.2
CTA	31.55	270	iPd	18	58.00	0.0								MBW	6.56	40	P	03	25.67	0.7
0.5s	60.74nm	5.5mb												ORV	6.63	129	eP	03	24.71	-1.1
TOO	32.67	237	iPd	19	08.10	0.9								EPH	6.96	57	P	03	30.19	-0.3
0.4s	31.00nm	5.3mb												DPW	8.03	57	eP	03	44.31	-1.2
PMG	34.47	289	eP	19	22.20	-0.3	EMEL	0.39	110	iPg	50	56.00	0.0	CMB	8.32	132	eP	03	40.79	-0.7
STK	34.91	248	iPd	19	30.70	4.7X									1.0s	16.55nm			5.3mb	X
0.4s	31.50nm	5.3mb					EGUA	1.40	355	ePn	51	13.03	-0.6	NEW	8.86	57	ePn	03	53.61	-3.4X
ASPA	42.16	260	iPd	20	24.70	-0.2								MMPM	9.37	129	eP	04	05.34	1.0
0.5s	87.40nm	5.5mb					MAL	1.53	320	ePn	51	21.00	5.6X	MEMM	9.38	128	eP	04	04.67	0.6
WB2	42.49	266	iPd	20	26.80	-0.8								BONR	9.55	125	eP	04	06.17	-0.7
0.5s	132.10nm	5.7mb					ECOG	1.84	356	ePn	51	19.76	-0.3	LRM	11.35	75	eP	04	31.60	0.2
WRA	42.50	266	P	20	22.20	-5.4X	OJEN	1.86	292	iP	51	27.00	6.7X	GSC	12.27	130	(P)	04	43.56	-0.2
0.4s	34.60nm	5.2mb					EJIF	1.96	302	iPnd	51	16.32	-5.3X	ARUT	12.73	114	eP	04	51.38	1.5
MTN	47.51	274	eP	21	05.00	-1.3								MSU	13.21	109	eP	04	58.72	2.4
0.3s	37.00nm	5.4mb					PLAT	2.03	290	iP	51	27.00	4.2X		i			05	07.57	
DHH	49.53	27	(P)	21	18.61	-2.6	MOMI	2.08	296	iP	51	28.00	4.6X	EMUT	13.59	101	eP	05	12.42	11.1X
MBL	55.41	260	iPd	21	59.70	-3.9X	ALJ	2.17	305	eP	51	32.00	7.2X	SRU	14.00	104	eP	05	09.21	1.4
0.5s	28.00nm	4.8mb					IFR	2.39	217	iPn	51	28.00	0.0	GLA	15.04	132	eP	05	20.60	0.4
NANU	58.92	257	iPd	22	27.10	-0.4								PV09	15.33	104	eP	05	25.80	1.6
0.5s	66.00nm	5.2mb					EHUE	2.46	15	iPnd	51	29.58	0.6	PV10	15.45	104	(P)	05	27.72	2.0
PEC	82.63	48	eP	24	45.77	0.1								PV08	15.63	103	eP	05	28.77	0.5
0.5s	2.64nm	4.0mb					RBA	3.17	244	iPn	51	39.50	0.6	RSSD	17.38	81	eP	05	50.15	-0.1
ORV	83.17	42	eP	24	48.32	0.1									1.0s	6.61nm			3.7mb	
GLA	83.78	50	eP	24	52.44	1.0								GOL	17.52	96	eP	05	51.48	-0.6
TNP	84.98	45	eP	24	57.45	0.0									0.8s	6.35nm			3.8mb	
0.9s	6.61nm	4.3mb					EVIA	3.28	12	iPn	51	40.77	0.2	GLD	17.61	96	eP	05	54.18	1.1
TUC	86.28	52	eP	25	04.90	1.3								TUC	17.90	124	eP	05	57.02	0.4
0.8s	5.97nm	4.4mb					AVE	3.94	238	iPn	51	50.00	0.1		1.2s	8.88nm			3.8mb	
SLKM	87.23	14	eP	25	06.65	-0.9								ALO	18.99	111	ePc	06	09.65	-0.5
RMW	87.92	35	eP	25	11.52	0.5									1.1s	5.08nm			3.7mb	
MSU	88.53	47	eP	25	15.25	1.0								YKA	20.26	18	eP	06	23.60	-0.3
HVU	89.07	44	eP	25	20.84	0.6									0.8s	5.60nm			4.0mb	
SRU	89.94	47	eP	25	20.60	-0.1								PMR	21.61	332	eP	06	38.57	0.0
PV09	90.57	48	eP	25	23.92	0.2									1.3s	37.24nm			4.6mb	
PV10	90.57	48	eP	25	23.12	-0.6								CRP	22.46	329	ePc	06	47.42	1.0
NEW	90.92	36	(P)	25	24.83	0.1								ULM	22.80	62	eP	06	54.50	4.8X
PV08	90.94	48	eP	25	25.76	0.3								ACO	23.22	98	iPc	06	54.50	0.5
BW06	92.43	44	eP	25	32.79	0.7								SVW	23.71	326	eP	06	59.27	0.8
0.8s	1.43nm	4.1mb													1.0s	38.07nm			4.9mb	
NAO	142.06	351	PKP	31	44.40	-5.0X								WMOK	24.43	102	eP	07	05.74	0.0
0.5s	0.90nm						TKO	3.70	65	P	02	44.00	-0.5		0.8s	26.33nm			4.9mb	
HFS	142.27	349	ePKP	31	44.50	-5.2X	KMOR	3.79	61	P	02	45.07	-0.6	Z	21s	0.19um			3.6Msz	
0.3s	4.60nm						NLO	4.03	55	P	02	48.99	-0.1	MEO	24.54	102	iPc	07	07.10	0.3
S.D. = 1.1	on	51	of	57	obs.		FBO	4.08	82	P	02	48.81	-1.0	TTA	24.92	330	ePd	07	10.37	0.1
NOV 19, 1992 02h 44m 25.30±1.97s							SSOR	4.23	75	P	02	51.84	-0.2		1.0s	7.53nm			4.3mb	
35.230 N ±21.2km 3.660 W ±7.9km							HBO	4.26	89	P	02	51.37	-1.1	OCO	24.97	99	iPd	07	11.00	0.1
DEPTH = 10.0km (geophysicist)							BMW	4.37	52	ePn	02	53.30	-0.6	FNO	25.15	100	iPd	07	14.90	2.3
STRAIT OF GIBRALTAR (365)							PGO	4.40	67	P	02	54.65	0.4	SIO	25.70	98	eP	07	17.00	0.1
mbLg 3.0 (MDD).							GT2	4.43	71	P	02	54.66	-0.1	TUL	25.99	97	eP	07	20.30	-0.2
EMEL 0.50 84 iPg 44 36.60 -0.4							RVW	4.48	58	P	02	55.42	-0.1		0.8s	12.30nm			4.6mb	
MAL 1.61 338 ePn 45 03.50 9.8X							LVP	4.65	60	P	02	58.11	0.0	Z	18s	0.28um			3.6Msz	
OJEN 1.75 300 eP 45 00.00 4.0X							OSR	4.68	38	P	02	59.26	0.9		LR		17	15.00		
EJIF 1.90 310 ePn 44 57.30 -0.8							VLMM	4.69	67	P	02	58.70	0.1	LNO	25.99	97	eP	07	20.20	-0.1
PLAT 1.92 298 eP 45 00.00 1.6							MTMW	4.76	61	P	02	59.83	0.3	LNO2	25.99	97	eP	07	20.20	-0.2
MOMI 1.99 303 eP 45 00.00 0.6							CZM	4.77	56	P	02	59.10	-0.5	LNO3	25.99	97	eP	07	20.30	-0.2
ECOG 2.04 2 ePn 44 59.30 -0.8							TDH	4.79	71	P	02	59.95	-0.1	IMA	26.23	337	(P)	07	22.58	0.0
ENIJ 2.09 34 ePn 45 00.50 -0.3							ERK	4.80	58	P	02	59.77	-0.4		1.1s	3.82nm			4.0mb	
ALJ 2.13 313 eP 45 00.00 -1.5							SHW	4.82	59	ePnc	03	00.68	0.3	VVO	26.30	98	e(P)	07	23.40	0.1
EHUE 2.71 18 ePn 45 12.00 2.2							HSR	4.84	60	P	03	01.21	0.4	UYO	27.79	99	iPd	07	36.30	-0.7
EHOR 2.80 334 ePn 45 11.50 -0.5							JKL	4.85	60	P	03	01.05	0.3	MIAR	28.23	97	eP	07	40.59	-0.4
S.D. = 1.4	on	9	of	11	obs.		REMW	4.85	60	P	03	02.04	1.1		0.9s	5.36nm			4.3mb	
NOV 19, 1992 02h 44m 57.63±2.76s							YEL	4.85	59	P	03	01.34	0.4	Z	19s	0.31um			3.9Msz	
38.752 N ±15.4km 26.505 E ±22.9km							ESD	4.87	60	P	03	01.77	0.6	FVM	28.96	89	eP	07	46.26	-1.2
DEPTH = 10.0km (geophysicist)							VBEM	4.88	74	P	03	01.31	0.0		1.1s	14.90nm			4.7mb	
AEGEAN SEA (365)							CDFW	4.90	61	P	03	01.81	0.3	Z	19s	0.61um			4.2Msz	
MD 3.0 (ISK).							VLL	4.91	69	P	03	01.94	0.2	OLY	29.29	94	eP	07	49.13	-1.3
IZM 0.69 121 iPg 45 11.30 0.0							KOSW	4.97	57	P	03	02.36	-0.1	ELC	30.12	89	eP	07	56.58	-1.3
EZN 1.08 353 iPh 45 18.00 0.1							LGPM	4.97	125	ePn	03	02.28	-0.3	HON	33.41	237	P	08	40.00	13.2X
DST 1.86 62 ePn 45 30.00 0.2							APM	5.00	66	P	03	03.03	0.2	Z	19s	0.48um			4.2Msz	
							LMW	5.01	54	P	03	02.90	-0.2	MCWV	35.91	80	P	09	00.00	11.9X
							VFP	5.02	71	P	03	03.04	-0.2	Z	22s	1.07um			4.6Msz	
							GULW	5.12	64	P	03	05.08	0.5	PRM	36.55	90	eP	08	52.84	-0.7
							ASR	5.20	62	P	03	06.19	0.4	JSC	37.25	89	eP	08	57.43	-2.0
							HDW	5.21	42	P	03	05.89	0.1	RSNY	37.89	70	P	09	10.00	5.3X
							GHW	5.23	51	P	03	06.37	0.3	Z	19s	0.53um			4.4Msz	
							GMW	5.27	44	ePn	03	05.55	-1.1	CEH	38.05	85	P	09	20.00	13.9X
							LBFM	5.31	116	eP	03	07.88	0.4	Z	18s	0.44um			4.3Msz	
							LON	5.34	55	ePc	03	07.61	-0.1	HRV	40.62	72	P	09		

KMI	53.35	263	Pc	48	23.00	-1.1	JACH	1.97	60	iP	54	52.12	-0.5	WB2	22.46	155	iPd	47	19.10	-0.7								
ARU	54.23	319	eP	48	30.00	0.1				iS	55	22.43			0.5s	157.70nm			5.7mb									
BW06	54.91	64	eP	48	35.00	-0.5	FCH	1.97	80	iP+	54	52.86	0.0	QIZ	23.36	323	P	47	30.20	1.7								
DAU	55.66	67	(P)	48	40.62	-0.3				iS	55	24.72		LAT	23.67	100	eP	47	33.50	2.0								
GSC	56.20	75	(P)	48	44.40	-0.2	RTBS	3.34	54	ePc	55	13.70	1.6	PMG	24.71	114	eP	47	41.50	0.2								
			eP	48	51.82	24km	RTCV	3.88	63	eP	55	24.20	4.3X	ASPA	25.65	159	iPd	47	49.60	-0.4								
ARUT	56.32	71	(P)	48	46.07	0.5	RTLL	4.21	57	ePd	55	26.00	1.4		0.5s	54.50nm			5.4mb									
MSU	56.50	69	eP	48	47.52	0.6	CFA	4.23	62	e(P)	55	26.00	1.2	CTA	29.58	135	iP	48	25.00	-0.3								
LSA	56.73	276	eP	48	49.80	0.0	MRA	5.93	80	e(P)	55	52.60	3.8X	CHG	30.93	300	eP	48	37.90	0.6								
RSSD	56.82	59	(P)	48	48.06	-1.1	RTPR	6.18	59	e(P)c	55	51.00	-1.3	KUMJ	32.55	10	P	48	50.50	-0.7								
	0.9s	3.22nm			4.4mb		TCA	7.17	73	eP	56	04.00	-2.3	SHNJ	34.15	10	P	49	04.50	-0.4								
PV09	58.17	67	eP	49	00.22	1.4	CYA	7.84	50	eP	56	10.50	-5.2X	STK	36.01	155	iPd	49	24.80	4.1								
			eP	49	06.89	22km	ARE	17.18	4	eP	58	20.00	-0.8		0.6s	31.20nm			5.2mb									
PV10	58.31	67	eP	48	59.76	0.0	CNCB	17.31	15	P	58	10.00	-12.8X	CD2	36.10	329	eP	49	21.50	0.0								
PV08	58.38	67	eP	49	00.43	0.1	LPB	17.56	14	P	58	28.00	2.3X		0.9s	370.00nm			6.1mb									
KAF	59.43	338	iP	49	06.60	-0.3	ZOBO	17.79	14	P	58	28.40	-0.4	XAN	36.46	338	P	49	23.50	-1.0								
	0.5s	4.00nm			4.8mb		SIV	20.46	33	P	59	01.00	1.6		0.8s	30.00nm			5.0mb									
CHG	60.45	261	iPd	49	14.30	0.0	S.D. = 1.1 on 20 of 25 obs.																					
	1.0s	11.00nm			4.9mb		* NOV 19, 1992 04h 20m 50.96±0.65s																					
GUN	61.14	278	P	49	19.10	-0.3	47.306 N ±10.6km 148.296 E ±15.4km																					
KKN	61.58	279	P	49	22.30	0.1	DEPTH = 33.0km (normol)																					
PKI	61.67	279	P	49	22.60	-0.4	4.5mb (15 obs.)																					
GKN	61.79	279	P	49	23.40	-0.2	NORTHWEST OF KURIL ISLANDS (220)																					
DMN	61.82	279	P	49	24.10	0.2	KUSJ	4.91	212	eP	22	04.20	-0.1	KAKJ	38.55	21	eP	49	41.00	-0.9								
NAO	63.43	346	P	49	32.80	-1.0				S	22	51.40		TIY	38.73	345	iPd	49	44.50	1.0								
	0.9s	6.20nm			4.7mb		IMA	35.32	37	eP	27	44.30	-0.4	NIJ	39.09	19	eP	49	45.60	-0.8								
HFS	63.65	344	eP	49	33.60	-1.6		0.7s	4.00nm		4.5mb		ARMA	40.15	142	iPc	49	56.50	1.2									
	0.5s	2.40nm			4.6mb		FBA	37.78	39	eP	28	05.50	0.2		0.5s	18.00nm			5.0mb									
FVM	68.19	55	eP	50	04.27	-0.3		1.0s	1.80nm		3.9mb		YAMJ	40.28	19	P	49	56.80	0.7									
	0.8s	14.50nm			5.2mb		HFS	66.72	337	eP	31	39.30	-1.1	LZH	40.30	334	Pd	49	57.50	1.0								
MIAR	69.34	60	eP	50	11.14	22km		0.4s	1.30nm		4.3mb			1.5s	89.00nm			5.2mb										
	0.8s	4.64nm			4.7mb		NAO	66.86	339	P	31	40.60	-0.7	BFD	41.00	158	iPc	50	30.00	146km								
KSP	71.97	339	eP	50	20.00	0.6		0.7s	2.80nm		4.5mb			0.4s	6.00nm			4.5mb										
CLL	72.18	341	e(P)	50	29.00	0.4	WRA	68.11	194	P	31	34.00	-15.5X	OFUJ	41.65	20	P	50	07.70	0.4								
KHC	74.15	340	eP	50	41.50	1.3		0.5s	0.70nm				CAN	42.33	150	iPd	50	14.40	1.4									
	1.1s	4.00nm			4.4mb		GEC2	76.44	331	ePd	32	38.80	0.1	TOD	42.53	155	iPd	50	16.20	1.6								
GEC2	74.40	340	eP	50	42.30	0.6		0.5s	1.49nm		4.3mb			0.8s	61.00nm			5.3mb										
	0.6s	1.13nm			4.1mb		KBA	78.10	330	iPd	32	47.90	-0.1	CN2	43.23	1	eP	50	18.60	-1.5								
			e	50	45.90	12kmX		0.5s	4.20nm		4.7mb			0.6s	3.00nm			4.1mb										
			e	50	49.80		WTTA	78.50	332	iPd	32	50.80	0.6	MDJ	44.28	5	Pc	50	20.50	-0.1								
WB2	78.09	209	eP	51	01.40	-1.2		0.3s	6.20nm		5.0mb			1.0s	37.00nm			4.9mb										
	1.1s	2.80nm			4.2mb		LOR	80.82	336	eP	33	02.40	-0.1	GTA	44.84	333	eP	50	33.00	-0.3								
			i	51	10.60	29km		0.6s	3.70nm		4.6mb			0.8s	74.00nm			5.3mb										
WRA	78.09	209	P	50	58.80	-3.8X	GRR	80.98	340	eP	33	03.50	0.2	GBA	48.26	288	P	50	58.50	-1.7								
	1.2s	0.70nm			3.6mb X			0.6s	8.50nm		4.9mb		NDI	53.06	306	eP	51	35.00	-1.2									
ASPA	81.75	200	P	51	22.39	0.2	LBF	81.05	336	eP	33	03.90	0.2	WMO	54.17	328	P	51	44.80	0.5								
	0.9s	1.90nm			4.1mb		SSF	81.11	336	eP	33	03.40	-0.6		1.5s	32.00nm			4.9mb									
	S.D. = 0.8 on 53 of 58 obs.							0.8s	6.30nm		4.7mb			0.9s	102.00nm			5.7mb										
	* NOV 19, 1992 03h 41m 05.29±0.90s						SMF	81.40	336	eP	33	05.60	0.1	IMA	86.38	24	eP	55	00.20	1.8								
	38.311 N ±10.4km 22.762 E ±11.2km							0.7s	3.65nm		4.5mb			0.6s	1.48nm			4.0mb X										
	DEPTH = 10.0km (geophysicist)						AVF	81.40	336	eP	33	05.60	0.1	KAF	93.43	332	iP	55	30.40	-0.8								
GREECE	(364)							0.8s	4.45nm		4.5mb			0.3s	1.50nm			4.7mb										
ML 3.0 (ATH).							LPL	81.59	334	eP	33	07.30	0.5	S.D. = 1.1 on 41 of 46 obs.														
								0.4s	0.95nm		4.2mb		& NOV 19, 1992 05h 19m 38.25s															
ATH	0.83	114	ePn	41	22.10	0.9	LPG	81.60	334	eP	33	07.50	0.5	59.249 N 152.374 W														
VLI	1.60	175	ePn	41	32.40	-1.2		0.6s	2.05nm		4.3mb		DEPTH = 67.7km															
			eSn	41	57.00		MAF	82.14	337	eP	33	10.00	0.6	4.3mb (1 obs.)														
VLS	1.72	266	ePn	41	36.50	1.1		0.8s	7.95nm		4.8mb		SOUTHERN ALASKA (2)															
KZN	2.14	339	ePn	41	40.80	-0.7	S.D. = 0.5 on 17 of 18 obs.																					
OHR	3.18	332	eP	41	56.30	0.0	NOV 19, 1992 04h 42m 33.57±0.91s																					
	S.D. = 1.4 on 5 of 5 obs.						0.389 N ±5.0km 124.346 E ±7.4km																					
? NOV 19, 1992 03h 54m 18.81±2.17s															DEPTH = 163.1 ±10.5 km													
33.686 S ±13.0km 72.610 W ±15.7km															5.2mb (21 obs.)													
DEPTH = 10.0km (geophysicist)															MINAHASSA PENINSULA, SULAWESI (265)													
OFF COAST OF CENTRAL CHILE (134)															AAI	5.58	137	eP	43	54.50	-1.2	AUP	0.55	282	iPd	19	51.17	-0.5
MD 4.7 (SAN).																	eS	44	42.00		HOM	0.55	42	ePd	19	51.04	-0.5	
LCCH	0.89	77	iP+	54	36.20	0.3	MKS	7.40	221	iPd	44	20.40	0.4	AUH	0.56	282	iPd	19	51.14	-0.6								
LNV	1.03	105	iPd	54	38.61	0.3		0.2s	97.90nm		5.9mb		AUL	0.56	284	iPd	19	51.19	-0.5									
			iS	54	54.86		BIP	8.01	14	eP	45	25.00	56.9X	AUW	0.58	283	iPd	19	51.26	-0.5								
IHA	1.04	51	iPc	54	38.50	0.0			eS	45	49.50		OPT	0.60	313	iPd	19	51.42	-0.7									
			iS	54	56.40		KKM	9.87	305	ePc	44	58.80	6.0X	SYI	0.64	181	iPc	19	51.53	-1.0								
TACH	1.40	89	iP	54	43.78	-0.5		0.5s	81.50nm		5.5mb		CNPM	0.65	64	iPc	19	51.84	-0.8									
ROCH	1.52	62	iP	54	45.37	-0.8	PLP	10.72	3	ePc	45	05.50	1.6		eS	20	02.62											
			iS	55	11.10			0.7s	43.00nm		5.1mb		CDD	0.73	245	iPd	19	52.68	-0.9									
SAN	1.64	82	iP	54	48.39	0.5	MTN	14.77	153	iPd	45	54.10	-1.7	ILIM	0.89	341	iPd	19	54.70	-0.8								
			iS	55	14.15			0.4s	121.00nm		5.6mb			eS	20	06.88												
CHCH	1.65	99	iP+	54	47.81	-0.1	KNA	16.62	165	iPc	46	11.90	-6.7X	INE	0.89	337	iPd	19	54.65	-1.0								
PEL	1.70	72	iP	54	48.43	-0.3		0.7s	163.00nm		5.5mb			eS	20	07.23												
			iS	55	15.32		CVP	17.38	352	eP	46	29.00	1.1	INW	0.91	335	iPd	19	55.03	-0.8								
CACH	1.73	105	iPd	54	49.94	0.8			eP	46	29.00	1.1	BRLK	0.92	55	eP	19	55.04	-0.8									
PCH	1.75	88	iP	54	48.96	-0.5	WWKK	19.67	102	iPd	46	45.50	-6.7X		eS	20	07.76											
			iP	54	48.96	-0.5	WRA	22.46	155	P	47	19.60	-0.2	MCNL	1.01	267	ePc	19	55.76	-1.3								

19d 05h

PDB	1.07	301	eS	20 09.37	
			iPc	19 57.00	-0.8
			eS	20 11.27	
RS1	1.23	351	iPd	19 59.63	-0.5
RSO	1.23	351	iPd	19 59.65	-0.5
			eS	20 16.05	
RS2	1.23	351	iPd	19 59.69	-0.5
REF	1.26	353	iPd	19 59.95	-0.5
RDW	1.26	350	ePd	19 59.95	-0.5
RDN	1.28	351	ePd	20 00.38	-0.4
NCT	1.35	348	ePd	20 01.09	-0.5
DFR	1.36	353	eP	20 00.62	-1.1
KDC	1.51	182	eP	20 02.39	-1.2
NKA	1.60	20	eP	20 06.75	1.8
SLKM	1.67	40	ePc	20 05.10	-0.8
SEW	1.71	59	eP	20 04.90	-1.5
SPU	1.95	5	iPc	20 09.59	-0.1
			eS	20 33.96	
CKL	1.95	1	iPc	20 09.92	0.0
CKT	1.96	2	iPc	20 09.87	-0.1
MPA	1.96	49	eP	20 09.17	-0.7
CKN	1.98	3	ePc	20 10.49	0.2
BGL	2.02	360	eP	20 10.60	-0.2
CP2	2.02	2	ePc	20 11.08	0.1
CRP	2.03	3	ePc	20 10.59	-0.4
CGLM	2.07	5	ePc	20 11.57	0.0
NCG	2.16	3	ePc	20 12.86	0.0
PTE	2.33	45	eP	20 13.83	-1.2
SUA	2.37	19	ePc	20 15.30	-0.3
LTJ	2.43	69	eP	20 15.01	-1.4
PMS	2.44	34	ePc	20 16.40	-0.3
SVW	2.47	320	ePc	20 15.39	-1.7
MTU	2.51	71	eP	20 14.45	-3.1
KNIM	2.59	63	eP	20 16.73	-1.9
PWA	2.71	26	eP	20 20.90	0.6
SKT	2.77	8	ePc	20 20.67	-0.6
			eS	20 51.80	
PLRM	2.85	33	ePc	20 21.06	-1.2
PMR	2.85	33	ePc	20 20.76	-1.5
KNK	2.92	40	ePc	20 21.84	-1.4
			eS	20 54.30	
GHO	3.05	32	eP	20 24.21	-1.0
GLI	3.11	56	eP	20 23.27	-2.7
HIN	3.18	66	eP	20 25.02	-1.9
SML	3.25	36	ePc	20 26.70	-1.3
FID	3.32	61	eP	20 25.81	-3.1
VLZ	3.56	55	eP	20 29.51	-2.7
			eS	21 09.67	
CVA	3.58	66	eP	20 29.93	-2.6
			eS	21 08.61	
SCM	3.60	42	ePc	20 31.55	-1.3
SGAM	3.82	68	eP	20 33.65	-2.3
KLU	3.92	52	ePc	20 35.47	-1.8
RAGM	4.05	70	eP	20 37.10	-2.1
			eS	21 20.83	
TTA	4.09	336	ePc	20 37.82	-2.0
KAIM	4.10	77	eP	20 38.44	-1.4
TOA	4.18	44	eP	20 40.80	-0.3
HMT	4.24	72	eP	20 39.69	-2.2
TRF	4.33	13	eP	20 42.71	-0.6
KTH	4.38	9	eP	20 42.93	-0.9
RND	4.50	21	eP	20 44.49	-1.1
GLB	4.79	59	eP	20 46.79	-2.8
MCK	4.79	19	eP	20 48.94	-0.6
CROM	4.88	68	eP	20 48.17	-2.8
WAX	4.95	72	eP	20 49.40	-2.5
PAX	5.01	39	eP	20 51.25	-1.5
TGL	5.02	68	eP	20 50.17	-2.7
BALM	5.32	66	eP	20 53.98	-3.1
YAH	5.48	74	ePc	20 57.36	-2.1
NEA	5.57	15	eP	20 57.69	-2.7
WRH	5.62	19	eP	20 59.15	-1.9
HDA	5.78	24	eP	21 01.87	-1.4
CTGM	5.78	68	eP	21 01.83	-1.7
CCB	5.83	20	eP	21 02.04	-2.0
FBA	6.06	19	eP	21 04.28	-3.0
IMA	6.87	356	ePc	21 16.56	-2.1
ANM	8.12	317	eP	21 36.12	0.4
MAT	49.15	275	(P)	28 08.00	-12.8
HFS	60.46	8	eP	29 39.10	-3.4
			0.4s	1.00nm	4.3mb
88 obs. associated					

NOV 19, 1992 05h 29m 11.10±0.62s
 38.369 N ± 5.3km 22.566 E ± 7.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

MD 3.2 (ATH).

AGG	0.68	344	ePg	29 23.10	-1.5
			eSg	29 34.58	
ATH	0.99	113	ePn	29 30.90	1.0
VLS	1.57	264	ePb	29 39.60	0.6
VLI	1.67	170	ePn	29 39.30	-1.3
			eSn	30 03.30	
LIT	1.73	358	ePb	29 41.34	-0.1
			eSb	30 05.26	
PAIG	1.78	29	ePb	29 41.98	-0.1
			eSb	30 06.26	
KZN	2.03	343	ePn	29 46.70	0.9
OUR	2.25	29	ePn	29 48.50	-0.4
SOH	2.52	14	iPn	29 53.06	0.2
			eSn	30 25.18	
FNA	2.58	340	ePn	29 53.22	-0.4
GRG	2.59	357	ePn	29 53.78	0.0
SRS	2.86	16	ePn	29 57.58	0.0
			eSn	30 32.17	
VAY	2.95	0	ePn	29 58.40	-0.4
OHR	3.06	334	ePn	30 01.70	1.3
S.D. = 0.9 on 14 of 14 obs.					

? NOV 19, 1992 06h 50m 51.59±1.08s
 15.598 N ±14.9km 92.917 W ±18.1km
 DEPTH = 33.0km (normal)
 4.4mb (11 obs.)

MEXICO-GUATEMALA BORDER REGION (62)

UYO	18.54	356	iPd	55 08.70	1.1
MIAR	18.88	358	eP	55 11.93	0.2
			0.7s	17.98nm	4.4mb
			eS	58 29.08	
MEO	19.77	346	iPc	55 21.60	-0.3
WMOK	19.77	346	eP	55 20.75	-1.2
			0.8s	9.90nm	4.2mb
			eS	58 54.27	
FNO	19.99	349	iPd	55 28.00	3.8X
OCO	20.26	349	iPc	55 30.00	3.0X
TUL	20.39	353	eP	55 30.80	2.4
			0.6s	20.10nm	4.7mb
			Lg	59 09.30	
LNO	20.39	353	eP	55 30.70	2.4
			Lg	59 10.70	
SGS	20.81	30	(P)	55 37.38	4.7X
TKL	21.59	21	(P)	55 42.75	2.2
ACO	21.73	346	iPc	55 41.50	-0.6
ELC	21.85	8	eP	55 42.27	-0.9
			e	56 05.47	
			e	56 17.93	
ALO	22.78	330	ePc	55 54.21	1.6
			0.6s	5.51nm	4.2mb
TUC	23.25	319	eP	55 59.47	2.3
			1.1s	10.04nm	4.2mb
NAV	24.16	24	(P)	56 05.28	-0.5
GOL	26.37	338	eP	56 26.94	0.0
			0.7s	5.25nm	4.3mb
PV08	26.75	332	ePc	56 31.53	1.0
PV10	26.77	331	eP	56 30.63	0.0
PV09	26.91	331	ePc	56 32.23	0.2
JFWS	27.32	4	(P)	56 32.58	-2.7
			0.6s	6.91nm	4.5mb
SRU	28.06	330	eP	56 42.67	0.4
ARUT	28.59	325	eP	56 47.59	0.5
EMUT	28.75	331	ePc	56 48.93	0.4
DAU	29.43	331	eP	56 55.05	0.3
RSSD	29.96	344	ePc	56 58.43	-0.9
			0.6s	5.56nm	4.5mb
HVU	31.21	331	eP	57 11.00	0.7
LRM	34.30	335	ePc	57 37.20	-0.1
ULM	34.64	357	eP	57 39.50	-0.3
DPW	38.35	332	eP	58 10.89	-0.4
SIV	44.43	134	P	59 03.40	2.0
YKA	49.28	347	eP	59 36.50	-2.4
			0.7s	4.90nm	4.6mb
FBA	61.43	337	eP	01 04.21	-2.6
			0.8s	5.04nm	4.7mb
MBC	62.23	353	P	01 09.50	-2.5
			0.7s	3.00nm	4.5mb
BRW	67.05	342	eP	01 41.10	-2.2
WRA	134.90	257	PKP	10 07.80	-2.0
			0.6s	0.20nm	
GBA	149.46	19	PKP	10 37.00	1.8
S.D. = 1.6 on 33 of 36 obs.					

? NOV 19, 1992 07h 00m 49.94±2.90s

30.371 S ±16.3km 69.865 W ±26.2km
 DEPTH = 130.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)

RTBS	1.33	165	ePd	01 16.40	-0.1
CFA	1.86	132	eP	01 23.00	0.3
			S	01 46.80	
RTCV	1.87	143	eP	01 22.70	-0.1
			S	01 42.00	
RTPR	2.90	89	ePd	01 36.30	0.5
CYA	4.04	63	iPc	01 51.00	-0.1
			S	02 05.50	
MRA	4.09	121	ePd	01 52.00	0.3
TCA	4.64	103	iP	01 58.40	-0.8
S.D. = 0.5 on 7 of 7 obs.					

* NOV 19, 1992 08h 32m 01.61±1.02s
 30.432 S ±24.8km 23.911 E ±23.2km
 DEPTH = 10.0km (geophysicist)
 REPUBLIC OF SOUTH AFRICA (584)
 mbLg 4.0 (BUL).

BLF	2.38	57	iPd	32 41.30	-0.1
			S	33 01.60	
PRY	4.69	43	eP	33 14.00	-0.2
			0.5s	77.03nm	
			S	34 04.00	
CER	4.89	232	eP	33 17.00	0.0
			0.5s	124.32nm	
			(S)	34 55.00	
SLR	6.07	41	eP	33 29.00	-4.6X
			S	34 32.40	
BUL	11.09	24	iPn	34 43.20	-0.2
			iSn	36 38.60	
			iSg	37 45.00	
CIR	11.65	38	iPn	34 51.50	0.6
			iSn	36 48.50	
			iLg	38 00.50	
S.D. = 0.5 on 5 of 6 obs.					

* NOV 19, 1992 08h 47m 56.69±0.95s
 35.382 N ±12.8km 139.692 E ±16.8km
 DEPTH = 33.0km (normal)
 4.2mb (3 obs.)

NEAR S. COAST OF HONSHU, JAPAN (230)

MAT	1.67	314	iPc	48 25.30	1.3
			iS	48 47.10	
YAMJ	2.80	6	eP	48 40.20	0.1
OFUJ	4.01	23	eP	48 56.30	-1.1
WRA	55.25	186	P	57 28.50	-0.5
			0.6s	1.90nm	4.3mb
NAO	75.45	337	P	59 36.70	-2.1
			0.8s	3.60nm	4.4mb
LRM	76.30	43	eP	59 44.60	0.4
PV10	82.91	48	eP	00 21.39	1.6
PV08	83.02	47	eP	00 21.61	1.1
GEC2	83.37	327	ePd	00 21.00	-0.8
			0.5s	0.44nm	3.8mb
S.D. = 1.4 on 9 of 9 obs.					

? NOV 19, 1992 08h 53m 00.55±0.89s
 14.140 N ±18.5km 144.979 E ±31.2km
 DEPTH = 111.2 ± 7.2 km
 4.4mb (2 obs.)

MARIANA ISLANDS (216)

PJG	0.56	191	Pg	53 18.30	0.2
GUMO	0.56	191	Pn	53 18.10	0.0
			Pg	53 18.40	
			Sn	53 31.10	
			Sg	53 31.60	
RMO	40.55	175	eP	00 30.10	-0.4
MBL	42.90	216	eP	00 49.60	-

DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

FCH	0.35	209	iPd	23	01.75	0.1
			iS	23	06.76	
PEL	0.52	256	iP+	23	04.74	0.0
			iS	23	11.81	
JACH	0.54	308	iP	23	05.31	0.0
			iS	23	12.90	
PCH	0.70	211	iPd	23	07.92	-0.2
			iS	23	18.19	
ROCH	0.78	273	iP	23	09.50	-0.1
			iS	23	20.29	
TACH	0.95	228	iPd	23	12.46	0.1
			iS	23	25.41	
CHCH	1.03	207	iPd	23	13.44	-0.3
			iS	23	27.76	
CACH	1.17	201	iP	23	16.40	0.1
			iS	23	33.11	
LCCH	1.32	250	iPd	23	18.08	0.2
			iS	23	36.51	
LNV	1.45	230	iP	23	20.49	0.0
			iS	23	39.67	

S.D. = 0.2 on 10 of 10 obs.

% NOV 19, 1992 10h 07m 00.10 ± 0.59s
42.448 N ± 5.0km 19.103 E ± 5.0km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.3 (TTG).

TTG	0.12	99	iPgc	07	03.58	0.5
			iSg	07	06.12	
BDV	0.26	231	iPgd	07	05.87	0.2
			iSg	07	10.26	
NKY	0.37	348	ePg	07	07.98	0.2
			iSg	07	14.00	
HCY	0.45	270	iPgd	07	09.21	0.0
			iSg	07	16.33	
ULC	0.50	167	iPgc	07	09.85	-0.3
			iSg	07	17.25	
BRY	0.61	318	iPgc	07	12.31	-0.2
			iSg	07	21.00	
IVA	0.72	54	iPgd	07	14.00	-0.4
			iSg	07	25.00	

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

% NOV 19, 1992 10h 19m 44.16 ± 1.88s
50.883 N ± 15.2km 6.259 E ± 5.7km
DEPTH = 10.0km (geophysicist)
GERMANY (543)
MD 1.9 (UCC). ML 1.8 (BNS).

KLL	0.24	172	iPgc	19	49.35	0.1
	0.2s	426.00nm				
			iSg	19	52.63	
ENN	0.24	242	iPgc	19	49.90	0.6
	0.5s	22.00nm				
			iSg	19	53.40	
MEM	0.32	210	iPc	19	50.66	-0.1
			iS	19	54.62	
STB	0.47	128	iPgc	19	54.06	0.4
	0.2s	47.00nm				
			iSg	20	00.05	
WLF	1.22	183	P	20	07.00	0.1
			iS	20	24.00	
ABH	1.30	140	ePn	20	07.72	-0.5
SNF	1.31	254	iP	20	08.20	-0.2
DOU	1.32	234	iPd	20	08.20	-0.4
			iS	20	24.00	

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

% NOV 19, 1992 10h 51m 25.96 ± 1.64s
40.316 N ± 7.1km 19.837 E ± 17.6km
DEPTH = 10.0km (geophysicist)
ALBANIA (391)
ML 3.0 (TIR).

TPE	0.13	99	iPnd	51	20.50	-0.7
			iSg	51	36.30	
SRN	0.45	164	ePg	51	35.20	0.0
			iSg	51	41.70	
TIR	1.03	1	ePn	51	45.00	-0.4
			iSn	52	05.50	
OHR	1.08	42	iP	51	45.30	-1.0
PHP	1.44	18	ePn	52	01.00	8.9X

SKO 2.05 36 ePn 52 02.00 1.1
VAY 2.30 63 eP 52 05.50 0.9
S.D. = 1.1 on 6 of 7 obs.

% NOV 19, 1992 10h 59m 14.47 ± 0.89s
39.059 N ± 7.7km 27.505 E ± 9.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.6 (ISK).

IZM	0.69	196	iPg	59	28.00	-0.1
			iSg	59	38.00	
DST	1.03	58	iPn	59	34.60	0.7
EZN	1.19	310	ePn	59	37.00	0.3
BNT	1.33	14	ePn	59	39.00	-0.1
KCT	1.36	29	ePn	59	38.60	-0.8

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

NOV 19, 1992 12h 37m 49.10 ± 0.39s
13.408 S ± 5.0km 166.723 E ± 8.5km
DEPTH = 23.7km (3 depth phases)
5.3mb (21 obs.) 4.9Msz (6 obs.)
VANUATU ISLANDS (186)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 31S, 55C

Centroid Location:

Origin Time 12:37:57.7 0.5

Lat 13.15S 0.06 Lon 166.40E 0.04

Dep 21.0 1.8 Half-duration 1.2

Moment Tensor; Scale 10¹⁷ Nm

Mrr = 1.28 0.03 Mtt = 0.06 0.06

Mff = -1.34 0.05 Mrt = 0.28 0.08

Mrf = -0.14 0.11 Mtf = 0.11 0.03

Principal Axes:

T Vol = 1.34 Plg = 78 Azm = 11

N 0.02 12 174

P -1.35 4 265

Best Double Couple: Mo = 1.4 × 10¹⁷

NP1: Strike = 7 Dip = 43 Slip = 107

NP2: 164 50 75

BKM	4.48	161	iP	39	03.00	5.7X
			iS	39	06.10	
HNR	7.73	300	eP	39	43.00	0.0
			eS	41	04.00	
SVO	7.99	301	eP	39	47.00	0.4
			eS	41	10.00	
DZM	8.62	182	iPc	39	56.00	0.5
			iS	41	42.00	
SVA	12.23	114	eP	40	54.00	9.2X
BRS	19.06	221	eP	42	15.00	2.4
			iS	45	51.00	
CTA	20.68	249	iP	42	29.20	-1.0
	1.2s	13.67nm			4.2mb X	
Z	18s	23.37um			5.6Msz	
			e	42	35.00	22km
			e	46	20.00	
RMQ	21.29	230	iPd	42	36.90	0.6
	1.0s	89.00nm			5.1mb	
ARMA	21.93	217	eP	42	44.30	1.5
	1.0s	29.00nm			4.7mb	
CMS	26.31	223	eP	43	24.70	-0.2
	0.6s	23.00nm			5.0mb	
BWA	26.70	215	eP	43	27.40	-1.1
			e	43	33.50	22km
CNB	26.85	213	eP	43	30.60	0.7
	1.3s	28.00nm			4.7mb	
CAN	27.05	213	eP	43	30.20	-1.5
			e	43	38.20	28km
STK	29.47	227	eP	43	57.10	3.5X
	1.1s	7.10nm			4.4mb	
			eS	48	52.50	
TOO	30.61	214	eP	44	03.90	0.2
	0.4s	10.00nm			5.0mb	
BFD	32.04	218	eP	44	16.10	-0.1
ASPA	32.67	247	P	44	20.10	-1.8
GUM0	34.47	320	eP	44	42.60	5.1X
	1.7s	354.80nm			6.0mb	
Z	23s	1.04um			4.5MszX	
			eS	50	03.20	
WARB	39.63	245	iPc	45	20.50	-0.5
	0.4s	3.00nm			4.4mb	
BAG	54.38	302	ePc	47	16.00	-0.9
MAT	56.49	333	iPc+	47	30.50	-1.2
	1.4s	65.12nm			5.5mb	
Z	20s	0.35um			4.5Msz	

MTMJ	56.71	332	eS	55	13.00	
			P	47	33.10	-0.3
TSRJ	56.71	330	eP	47	31.20	-2.1
NIJ	56.73	334	eP	47	33.00	0.4
YSS	63.88	342	ePc	48	21.90	-0.1
PET	66.52	355	eP	48	40.00	1.1
			e	57	42.00	

IPM	67.61	281	ePc	48	45.20	-1.4
	1.1s	33.40nm			5.4mb	
BJJ	70.91	321	eP	49	07.00	0.6
	1.8s	163.00nm			5.9mb	
Z	22s	0.68um			4.9Msz	
			eS	58	20.00	
KMI	73.16	302	Pc	49	21.50	1.0
	1.6s	60.00nm			5.4mb	
Z	24s	0.70um			4.9Msz	
			eS	58	54.00	

CHG	74.05	294	eP	49	26.30	0.9
SPA	76.68	180	iPc	49	39.10	-0.7
	0.9s	36.36nm			5.4mb	
			i	50	20.80	171km
LZH	77.04	312	Pc	49	44.00	1.7
	1.5s	102.00nm			5.6mb	
Z	20s	0.50um			4.8Msz	
E	15s	0.43um				

CIT	79.63	330	eP	49	57.00	1.0
YAK	80.68	343	eP	50	00.00	-0.9
	2.0s	100.00nm			5.5mb	
Z	18s	0.90um			5.2Msz	
N	18s	0.40um				
E	18s	0.40um				

CRP	81.23	19	eP	50	05.70	1.2
SLKM	81.28	20	eP	50	04.36	-0.2
80D	83.01	335	iPc	50	13.80	0.3
	1.2s	49.00nm			5.5mb	
ZAK	84.17	325	iPc	50	20.40	0.9
	1.4s	99.00nm			5.8mb	
BALM	84.42	22	eP	50	20.55	-0.3
IMA	84.52	15	eP	50	22.20	1.0
	0.9s	3.54nm			4.6mb	
IRK	84.54	327	ePc	50	21.00	-0.4
	1.2s	37.00nm			5.5mb	
			e	50	35.10	48kmX
			e	50	43.30	
			e	51	03.20	

FBA	85.26	18	eP	50	23.72	-1.1
	0.8s	8.23nm			5.0mb	
GUN	88.29	299	PKP	50	41.04	0.2
TIK	88.56	349	eP	50	41.00	0.3
	1.2s	12.00nm			5.1mb	
PKI	88.60	299	PKP	50	42.22	-0.1
KKN	88.77	299	PKP	50	43.04	0.1
DMN	88.87	299	PKP	50	43.82	0.3
GKN	89.38	299	PKP	50	45.28	-0.4
GBA	92.41	283	P	51	01.00	1.3
NVL	94.28	180	eP	51	06.00	-1.4
	2.0s	0.50um			5.0Msz	
GEC2	138.23	333	ePKPd	57	14.10	-0.2
	0.8s	1.74nm				
BCAO	147.37	257	iPKPc	57	30.20	-0.8
	1.2s	147.00nm				
			ic	57	33.00	
			ic	57	44.00	

S.D. = 1.0 on 48 of 52 obs.

% NOV 19, 1992 13h 09m 02.16 ± 0.52s
42.136 N ± 6.5km 73.244 E ± 7.5km
DEPTH = 33.0km (normal)
4.5mb (10 obs.)
KYRGYZSTAN (716)
Felt (III) at Chotbazar and (II) at Takhas. Also felt (III) at Dzhangbul, Kazakhstan.

AAA	2.96	66	ePn	09	51.10	3.2X
			i	10	32.80	
TLG	3.25	68	iPnd	09	54.50	

19d 13h

UKR 11.84 38 eS 13 34.00
 11.84 38 eP 11 49.20 -2.3
 MAIO 12.15 246 eS 14 01.00
 12.15 246 eP 11 56.00 0.1
 NDI 13.80 165 iPd 12 17.20 -0.6
 0.4s 15.25nm 5.1mb
 ELT 14.13 34 eP 12 20.50 -1.4
 14.13 34 e 14 54.00
 NVS 14.31 24 eP 12 21.20 -3.0X
 1.4s 15.00nm 4.4mb
 SVE 16.77 335 eS 15 00.00
 16.77 335 ePc 12 56.00 0.1
 16.77 335 e 15 50.00
 GKN 16.88 143 P 12 53.80 -3.8X
 UER 17.04 49 iPd 13 00.00 0.7
 1.0s 14.00nm 4.0mb
 ARU 17.12 331 eP 13 00.00 -0.3
 17.12 331 eS 15 59.00
 KKN 17.36 142 P 13 03.30 -0.3
 DMN 17.43 142 P 13 04.30 -0.3
 GUN 17.53 140 P 13 05.40 -0.6
 PKI 17.60 142 P 13 07.00 0.2
 BKR 22.07 279 iP 13 57.00 1.8
 1.1s 30.00nm 4.6mb
 ZAK 22.23 58 eP 14 00.50 3.3X
 1.0s 10.00nm 4.2mb
 HFS 39.89 318 eP 16 32.50 -1.6
 0.4s 3.40nm 4.5mb
 TIK 39.91 24 eP 16 35.50 1.4
 0.6s 18.00nm 4.9mb
 NAO 41.28 319 P 16 45.30 -0.3
 0.8s 7.90nm 4.5mb
 DAG 49.88 342 eP 17 53.00 -0.7
 0.7s 6.16nm 4.7mb
 FBA 68.58 18 eP 20 05.00 1.7
 1.0s 2.10nm 4.2mb
 WRA 83.59 124 P 21 37.30 8.8X
 0.8s 0.30nm 3.5mb X
 S.D. = 1.3 on 18 of 25 obs.

? NOV 19, 1992 13h 49m 56.73 ± 1.17s
 42.583 N ± 10.7km 23.907 E ± 16.4km
 DEPTH = 10.0km (geophysicist)
 BULGARIA (359)

SRS 1.48 189 iPb 50 21.89 -1.6
 VAY 1.61 219 iPn 50 25.50 0.3
 SOH 1.81 193 ePb 50 27.98 -0.2
 1.81 193 eSb 50 54.21
 SKO 1.93 252 ePn 50 25.00 -4.9X
 GRG 1.98 215 ePb 50 36.26 5.6X
 1.98 215 eSb 51 02.50
 OUR 2.25 179 ePn 50 36.22 1.7
 ALN 2.32 136 ePb 50 35.34 -0.2
 2.32 136 eSb 51 03.18
 MLR 3.26 26 eP 50 49.00 0.0
 S.D. = 1.4 on 6 of 8 obs.

* NOV 19, 1992 14h 29m 02.49 ± 1.29s
 8.163 S ± 6.2km 117.924 E ± 10.8km
 DEPTH = 22.0 ± 10.2 km
 4.8mb (8 obs.)
 SUMBAWA REGION, INDONESIA (285)

MKS 3.30 28 iPd 29 54.20 0.2
 3.30 28 iS 31 01.50
 TRT 5.26 275 ePc 30 03.10 -18.7X
 5.26 275 iS 31 03.30
 MBL 13.05 172 eP 32 24.00 14.6X
 13.05 172 eS 34 21.00
 MTN 13.79 111 eP 32 16.50 -2.6
 NANU 14.50 189 eP 32 27.00 -1.4
 14.50 189 eS 34 58.00
 WARB 19.75 156 eP 33 34.00 0.0
 0.5s 28.00nm 4.0mb
 WB2 19.75 128 iPc 33 32.00 -2.1
 19.75 128 eS 37 02.50
 MRWA 21.02 185 eP 33 46.50 -0.7
 0.3s 6.00nm 4.5mb
 ASPA 21.73 137 iPc 33 54.40 0.0
 0.5s 50.40nm 5.2mb
 BAL 22.36 183 eP 34 01.00 0.4
 22.36 183 eS 38 01.00
 COOL 22.81 173 eP 34 04.00 -1.0

0.4s 19.00nm 5.0mb
 KLB 23.31 180 eP 34 09.70 -0.2
 0.3s 24.00nm 5.2mb
 MUN 23.75 184 eP 34 14.00 -0.2
 23.75 184 eS 38 22.00
 CTA 29.86 116 iPc 35 10.00 -0.1
 STK 32.27 140 iPc 35 35.70 3.8X
 0.9s 7.80nm 4.6mb
 BFD 36.51 146 eP 36 08.00 0.7
 TOO 38.47 144 iPd 36 26.60 1.9
 CD2 41.15 341 iPc 36 46.90 -0.1
 XAN 42.83 349 eP 37 00.00 -0.7
 TIY 45.92 354 Pd 37 25.00 -0.5
 LZH 45.96 344 eP 37 23.00 -3.0
 1.2s 15.00nm 4.8mb
 GUN 47.39 320 P 37 37.22 -0.4
 PKI 47.46 320 P 37 37.22 -0.9
 DMN 47.68 319 P 37 38.96 -0.8
 KKN 47.69 320 P 37 40.78 0.9
 GKN 48.25 319 P 37 43.22 -0.9
 GTA 50.22 342 eP 37 59.00 -0.1
 1.0s 5.00nm 4.5mb
 KSH 61.26 324 eP 39 19.00 0.4
 S.D. = 1.1 on 25 of 28 obs.

* NOV 19, 1992 14h 46m 00.04 ± 1.19s
 39.896 N ± 9.7km 24.077 E ± 8.0km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)

PAIG 0.31 276 iPg 46 06.17 -0.3
 0.31 276 eSg 46 11.76
 SOH 1.08 329 iPg 46 20.33 0.0
 LIT 1.24 280 ePb 46 23.40 0.4
 1.24 280 eSb 46 41.08
 SRS 1.27 343 ePb 46 23.68 0.0
 1.27 343 iSb 46 41.50
 AGG 1.61 238 ePb 46 28.40 -0.2
 GRG 1.66 310 ePb 46 30.64 1.3
 ALN 1.81 56 ePb 46 31.52 0.1
 1.81 56 iSb 46 56.12
 VAY 1.83 322 ePn 46 30.40 -1.3
 S.D. = 0.9 on 8 of 8 obs.

* NOV 19, 1992 17h 16m 58.52 ± 0.93s
 61.400 N ± 8.2km 5.856 E ± 8.1km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 2.1 (BER).

HYA 0.28 146 iPc 17 04.32 -0.1
 0.28 146 eS 17 09.08
 SUE 0.63 237 eP 17 10.99 -0.2
 EGD 1.17 196 iPd 17 20.70 0.3
 1.17 196 iS 17 36.54
 MOL 1.42 33 iP 17 24.40 0.1
 1.42 33 eS 17 44.05
 NRA0 2.84 101 Pn 17 44.74 0.0
 2.84 101 Pg 17 48.15
 2.84 101 Lg 18 27.04
 S.D. = 0.3 on 5 of 5 obs.

NOV 19, 1992 18h 07m 51.80 ± 0.37s
 38.047 N ± 3.7km 26.840 E ± 2.8km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 4.0 (ATH), 3.8 (ISK). Felt at Izmir, Turkey.

IZM 0.48 43 iPg 08 01.20 -0.4
 PRK 1.28 340 iPbc 08 16.20 0.7
 1.28 340 eSb 08 38.50
 YER 1.46 128 iPn 08 19.00 0.7
 EZN 1.82 347 iPn 08 23.60 0.2
 DST 2.09 41 iPn 08 26.70 -0.7
 KHL 2.13 82 iPn 08 28.00 0.0
 EDC 2.43 19 ePn 08 32.00 -0.2
 BNT 2.45 20 ePn 08 32.50 0.0
 ATH 2.47 269 iPnc 08 32.50 -0.2
 KCT 2.49 28 iPn 08 32.40 -0.7
 ALT 2.75 68 ePn 08 37.10 0.2
 ELL 2.77 117 ePn 08 37.50 0.4
 ALN 2.91 348 eP 08 39.06 0.1
 BCK 3.03 100 iPn 08 40.90 0.2

PAIG 3.10 308 eP 08 46.98 5.4X
 OUR 3.19 317 eP 08 43.30 0.4
 YLV 3.19 37 ePn 08 43.00 0.0
 VLI 3.38 248 ePn 08 44.50 -1.2
 GBZT 3.40 36 ePn 08 58.00 12.1X
 3.40 36 iSg 09 42.00
 ISK 3.47 29 ePn 08 46.00 -0.9
 ITU 3.49 28 ePn 08 59.00 11.9X
 3.49 28 iSg 09 43.00
 KDZ 3.76 344 iPc 08 51.00 -0.1
 SOH 3.87 317 eP 08 52.98 0.3
 LIT 3.96 303 eP 08 54.54 0.7
 THE 3.96 312 eP 08 52.82 -1.0
 RZN 3.99 336 iPc 08 54.00 -0.4
 DIM 4.12 346 eP 08 56.00 -0.1
 MMB 4.27 327 iPd 08 58.00 -0.4
 PLD 4.37 339 eP 09 00.00 0.3
 GRG 4.50 312 eP 08 48.34 -13.2X
 VAY 4.64 316 iPn 08 57.30 -6.3X
 KKB 4.78 324 iP 09 06.00 0.4
 PGB 4.94 336 iP 09 07.00 -0.8
 PVL 5.29 348 eP 09 13.00 0.3
 VTS 5.32 330 iP 09 14.00 0.7
 MLR 7.47 355 eP 09 45.00 1.5
 S.D. = 0.6 on 31 of 36 obs.

& NOV 19, 1992 18h 22m 30.62s
 34.808 N 97.573 W
 DEPTH = 5.0km (geophysicist)
 OKLAHOMA (499)
 <TUL>. MD 1.8 (TUL).

FNO 0.47 17 (Pg) 22 41.50 1.5
 0.47 17 (Sg) 22 44.00
 MEO 0.83 269 Pg 22 45.40 -1.8
 0.83 269 Sg 22 57.00
 SIO 1.40 48 Pg 22 56.18 -0.6
 1.40 48 Sg 23 15.93
 VVO 1.60 70 Pb 22 58.68 -0.9
 1.60 70 Sg 23 20.40
 TUL 1.82 52 Pn 23 02.58 -0.3
 1.82 52 Sn 23 26.83
 LNO 1.83 52 Pn 23 02.05 -0.8
 1.83 52 Sn 23 26.82
 LNO2 1.83 52 ePn 23 02.50 -0.4
 LNO3 1.83 52 (Pn) 23 02.60 -0.1
 PCO 1.94 14 (Pn) 23 15.90 11.3
 1.94 14 Sn 23 30.30
 ACO 2.28 326 Pn 23 08.90 -0.6
 2.28 326 Sn 23 41.00
 UYO 2.65 103 Pn 23 14.50 -0.3
 2.65 103 Sn 23 47.30
 11 obs. associated

? NOV 19, 1992 18h 41m 26.63 ± 0.82s
 6.035 S ± 9.4km 146.710 E ± 9.5km
 DEPTH = 33.0km (normal)
 4.3mb (3 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)
 ML 4.6 (PMG).

LAT 0.69 155 iPd 41 15.00 -24.9X
 0.69 155 eS 41 38.60
 YYYY 0.76 254 eP 42 00.40 19.3X
 FINC 1.28 117 eP 41 48.00 -0.3
 PMG 3.38 172 eP 42 18.00 -0.4
 3.38 172 eS 43 00.00
 WWKK 3.90 308 eP 42 26.00 0.2
 CTA 13.98 182 eP 44 46.00 1.4
 WB2 18.31 220 iPc 45 39.50 -0.5
 18.31 220 eS 50 08.00
 RMO 20.43 175 eP 46 04.00 0.0
 0.7s 11.00nm 4.3mb
 ASPA 21.43 214 eP 46 13.50 -0.7
 0.8s 13.20nm 4.4mb
 21.43 214 eS 50 15.30
 STK 26.16 190 eP 46 59.00 0.0
 0.9s 3.60nm 4.0mb
 SIV 144.85 129 ePKP 01 03.00 0.0
 S.D. = 0.7 on 9 of 11 obs.

* NOV 19, 1992 18h 46m 36.93 ± 0.85s
 51.725 N ± 11.8km 105.444 E ± 7.5km
 DEPTH = 33.0km (normal)
 4.4mb (4 obs.)
 LAKE BAYKAL REGION, RUSSIA (327)
 Felt (IV) at Babushkin and

Listvyanka; (III) at Irkutsk;
(II) at Kabansk and Tyrgona.

KAB	0.82	66	iPg-	46 52.40	0.4
			i	47 04.80	
IRK	0.89	308	iPnc	46 51.00	-2.1
			i	47 02.40	
TRG	1.20	26	iPnd	46 58.60	1.1
			e	47 14.00	
ARS	1.90	276	ePn	47 08.00	0.3
			e	47 31.00	
ZAK	1.91	226	iPnd	47 08.00	0.2
			e	47 33.80	
MOY	2.78	271	iPnc	47 23.90	3.9X
			e	47 59.60	
NIZ	4.74	29	ePn	47 47.70	-0.1
			e	48 03.00	
			e	49 02.00	
CIT	5.06	84	ePn	47 51.30	-1.3
			e	48 07.00	
			e	49 14.00	
BOD	7.94	36	ePn	48 29.70	-3.2X
			e	49 00.10	
			eS	49 57.30	
			e	50 40.00	
UKR	12.96	275	eP	49 46.00	4.8X
LZH	15.68	185	eP	50 23.00	6.0X
	2.0s	27.00nm		4.1mb	
	12s	0.53um		4.4MszX	
YAK	16.69	42	eP	50 33.40	3.9X
	1.0s	30.00nm		4.4mb	
NRI	19.53	342	eP	50 59.00	-5.1X
	1.0s	25.00nm		4.5mb	
			e	54 36.00	
TIK	22.55	19	iPc	51 35.00	0.2
	0.7s	9.00nm		4.3mb	
			e	51 42.00	
			e	52 13.00	
			e	56 33.00	
SVE	26.28	299	ePd	52 11.90	1.2
	S.D. = 1.2	on 9 of 15 obs.			

* NOV 19, 1992 19h 07m 39.10 ± 0.42s
22.102 S ± 6.6km 70.006 W ± 13.8km
DEPTH = 40.2km (3 depth phases)
5.0mb (4 obs.)

NEAR COAST OF NORTHERN CHILE (122)

ANT	1.64	193	iP+	08 03.80	-2.1
			iS	08 21.70	
YJA	4.18	92	ePc	08 48.50	6.1X
CNCB	5.60	20	P	09 10.60	7.9X
ARE	5.78	346	iPd	09 05.90	0.9
			iS	10 11.00	
LPB	5.83	18	P	09 14.40	8.7X
	1.0s	180.00nm		5.5mb	
CCH	5.94	38	eP	09 17.00	9.8X
ZOBO	6.05	17	P	09 15.60	6.5X
			i	11 28.00	
CYA	7.38	150	ePd	09 27.00	-0.1
RTLL	9.29	172	ePc	09 55.00	1.4
CFA	9.60	171	e(P)	10 01.00	3.2X
RTCV	9.81	173	ePc	10 02.70	2.0
TCA	10.39	153	eP	10 03.20	-5.5X
SIV	10.40	56	P	10 14.40	5.5X
MDZ	10.79	175	e(P)	10 18.70	4.6X
PEL	11.02	183	eP	10 24.00	6.8X
RFA	12.69	174	ePd	10 39.30	-0.5
VAO	21.30	97	eP	12 23.60	-1.0
MIAR	60.63	338	eP	17 46.92	-1.4
	1.0s	7.79nm		4.8mb	
		pP		17 59.19	43km
FVM	62.77	342	eP	18 01.27	-1.4
	0.6s	12.45nm		5.2mb	
WMOK	62.79	334	eP	18 03.14	0.3
ALO	66.45	328	ePc	18 26.64	-0.2
	0.8s	4.76nm		4.6mb	
		pP		18 37.86	37km
KIC	69.85	74	(P)	18 48.00	-0.2
PV10	70.43	328	ePc	18 52.20	0.6
MSU	72.11	326	iPc	19 01.86	0.2
		iP		19 13.96	41km
ARUT	72.22	325	eP	19 03.03	0.8
ORV	77.93	322	eP	19 35.29	0.7
LGPM	79.59	322	eP	19 43.72	-0.1
DPW	81.97	330	eP	19 56.73	0.6
SMY	122.90	319	(PKP)	26 30.80	-1.4

WRA 131.91 211 PKP 26 49.50 -1.1
0.6s 0.90nm
GBA 147.93 100 PKP 27 21.00 1.8
S.D. = 1.2 on 21 of 31 obs.

% NOV 19, 1992 19h 19m 28.41 ± 0.67s
39.326 N ± 6.8km 29.045 E ± 6.9km
DEPTH = 5.0km (geophysicist)

TURKEY (366)

MD 3.1 (ISK).

DST 0.43 311 iPg 19 36.40 -0.6

eSg 19 43.00

ALT 0.87 108 ePg 19 45.60 -0.1

eSg 19 56.60

KCT 1.06 330 iPg 19 48.40 -0.5

eSg 20 02.40

KHL 1.07 159 ePg 19 49.00 0.0

YLV 1.26 11 iPn 19 52.40 0.0

BNT 1.35 320 ePn 19 54.00 0.3

EDC 1.37 319 ePn 19 55.00 0.9

GPA 1.37 45 ePn 19 54.20 0.0

S.D. = 0.6 on 8 of 8 obs.

% NOV 19, 1992 19h 59m 44.40 ± 1.31s

46.216 N ± 19.7km 2.092 E ± 6.5km

DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.6 (LDG).

TCF 0.11 49 Pg 59 47.70 0.4

Sg 59 49.60

MAF 0.33 89 Pg 59 51.30 0.1

Sg 59 55.80

LSF 0.39 275 Pg 59 52.40 0.0

Sg 59 57.60

BGF 0.62 57 Pg 59 56.40 -0.6

Sg 00 04.30

SSF 1.29 49 Pg 00 08.40 0.1

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

& NOV 19, 1992 20h 29m 03.68s

61.130 N 151.030 W

DEPTH = 54.1km

SOUTHERN ALASKA (2)

<AEIC>. ML 2.5 (AEIC).

SUA 0.36 22 iPd 29 13.45 -0.5

eS 29 22.03

SPU 0.50 276 iPd 29 14.84 -0.5

eS 29 23.96

CGLM 0.51 291 ePd 29 14.89 -0.6

ePc 29 15.64 -0.6

CRP 0.56 285 ePc 29 15.25

eS 29 25.25

CKN 0.57 280 ePc 29 15.75 -0.4

CKT 0.57 278 iPc 29 15.59 -0.7

eS 29 25.35

CP2 0.60 283 ePc 29 16.18 -0.5

NCG 0.61 297 iPc 29 16.02 -0.7

eS 29 25.89

CKL 0.64 277 iPc 29 16.32 -0.7

BGL 0.67 282 iPc 29 16.78 -0.7

PMS 0.72 80 ePc 29 17.65 -0.4

eS 29 29.17

SLKM 0.74 147 ePd 29 17.43 -0.6

PWA 0.76 46 ePc 29 18.23 -0.3

eS 29 30.59

RDT 0.87 231 ePd 29 19.33 -0.7

SKT 0.89 345 iPc 29 19.31 -0.9

eS 29 31.87

DFR 0.97 237 ePd 29 20.66 -0.8

eS 29 34.11

PTE 1.01 104 iPc 29 21.26 -0.6

PLRM 1.03 62 ePc 29 21.07 -0.9

eS 29 35.44

MPA 1.04 127 ePc 29 21.63 -0.6

REF 1.04 233 ePd 29 21.74 -0.7

eS 29 36.27

RSO 1.08 232 ePd 29 22.29 -0.7

RS2 1.08 232 eP 29 22.42 -0.6

RS1 1.08 232 eP 29 22.23 -0.8

RDW 1.09 234 ePd 29 22.37 -0.7

NCT 1.09 239 eP 29 22.34 -0.7

GHO 1.20 57 iPc 29 23.69 -0.8

eS 29 39.77

KNK 1.28 76 ePc 29 24.65 -0.9

eS 29 42.05

SEW 1.29 142 eP 29 24.31 -1.4

ILIM 1.42 223 eP 29 27.11 -0.4

eS 29 45.79

SML 1.46 61 ePc 29 26.87 -1.3

CNPM 1.61 184 eP 29 29.53 -0.7

KNIM 1.80 114 ePc 29 30.05 -2.7

LTI 1.91 124 ePc 29 32.09 -2.3

SCM 1.91 67 eP 29 32.91 -1.6

GLI 1.93 96 iPc 29 32.04 -2.7

MTU 2.02 123 eP 29 33.84 -2.1

PDB 2.07 231 eP 29 35.37 -1.2

VZW 2.18 90 eP 29 35.95 -2.2

SVW 2.23 271 ePc 29 36.93 -2.0

FID 2.25 98 eP 29 35.80 -3.4

VLZ 2.28 88 ePc 29 37.25 -2.3

HIN 2.34 106 ePc 29 37.37 -3.1

TRF 2.36 8 eP 29 40.28 -0.5

KTH 2.43 1 eP 29 40.14 -1.7

KLU 2.49 79 ePc 29 40.26 -2.4

TOA 2.52 65 ePc 29 42.03 -1.0

CVA 2.65 100 eP 29 41.35 -3.4

SGAM 2.92 100 eP 29 44.99 -3.7

RAGM 3.21 101 eP 29 48.46 -4.3

GLB 3.50 82 eP 29 54.22 -2.7

CROM 3.87 92 eP 29 58.62 -3.6

WAX 4.07 96 eP 30 00.50 -4.4

BALM 4.22 87 eP 30 03.47 -3.6

CTGM 4.72 88 eP 30 11.09 -3.0

54 obs. associated

* NOV 19, 1992 21h 05m 49.04 ± 0.68s

38.925 S ± 4.8km 175.558 E ± 5.5km

DEPTH = 154.5 ± 8.5 km

3.5mb (1 obs.)

NORTH ISLAND, NEW ZEALAND (159)

NGZ 0.25 173 P 06 09.00 -1.2

CNZ 0.27 182 P 06 09.20 -1.0

MOZ 0.72 305 Pc 06 12.40 0.0

eS 06 26.60

WHH 0.73 87 Pc 06 11.10 -1.5

PATZ 0.77 46 P 06 12.20 -0.7

WAHZ 0.99 142 Pd 06 14.40 -0.1

BSZ 1.00 209 P 06 15.10 0.6

TAZ 1.02 47 P 06 14.40 -0.2

WLZ 1.05 2 P 06 15.40 0.5

eS 06 31.40

PAHZ 1.17 87 P 06 15.60 -0.4

MOH 1.26 100 P 06 16.90 0.1

URZ 1.39 62 P 06 17.30 -0.7

eS 06 35.30

MNG 1.69 182 eP 06 21.90 0.6

S 06 42.10

PGZ 1.78 162 P 06 22.90 0.7

MAHZ 1.83 99 eP 06 23.40 0.6

NOZ 1.96 82 P 06 24.50 0.2

KIW 2.00 194 Pc 06 25.40 0.6

KUZ 2.18 3 P 06 28.30 1.4

eS 06 54.80

CAW 2.21 190 Pc 06 27.80 0.5

MTW 2.23 181 Pc 06 27.80 0.3

DIW 2.26 213 P 06 28.40 0.5

AMW 2.39 176 P 06 29.80 0.4

19d 22h

DEPTH = 120.6 ± 22.4 km
3.6mb (1 obs.)

SOLOMON ISLANDS (193)

HNR	1.68	283	iPc	47	36.00	-0.7
			iS	47	56.00	
SVO	1.89	290	iP	47	40.00	0.7
			iS	48	10.90	
8KM	10.12	141	iPd	49	30.20	0.0
			iS	51	20.50	
DZM	13.04	160	iPc	50	08.70	0.0
			iS	52	25.20	
CTA	17.99	234	iPc	51	11.00	0.2
WB2	28.16	246	iPc	52	49.60	-0.2
			i	53	12.10	
STK	28.74	217	eP	52	59.70	4.8X
	1.4s	2.10nm			3.6mb	
	S.D. = 0.8	on 6 of 7 obs.				

* NOV 19, 1992 23h 52m 30.75s
63.921 N 148.959 W
DEPTH = 0.0km (geophysicist)
CENTRAL ALASKA (1)
<AEIC>. ML 2.6 (AEIC). 3.3
(PMR). Blast at Usibelli Coal
Mine.

MCK	0.19	177	iP	52	34.18	-0.4
RND	0.52	175	P	52	40.42	-0.7
			eS	52	48.27	
NEA	0.66	356	iP	52	43.40	-0.5
WRH	0.67	34	iP	52	43.46	-0.7
			eS	52	53.46	
TRF	0.76	232	iP	52	45.22	-0.6
CCB	0.89	34	eP	52	47.48	-0.9
			eS	53	00.63	
KTH	0.95	248	eP	52	48.45	-1.2
			eS	53	02.58	
HDA	1.00	60	eP	52	49.69	-1.0
			eS	53	04.85	
MDM	1.09	17	eP	52	51.37	-0.8
			eS	53	07.36	
FBA	1.11	27	eP	52	51.05	-1.4
GLM	1.27	32	iP	52	54.35	-0.9
			eS	53	12.88	
MLY	1.36	326	iP	52	55.79	-1.0
THY	1.52	108	eP	52	56.84	-2.4
PAX	1.84	120	iP	53	04.36	0.5
SDG	2.09	131	eP	53	08.40	1.0
SML	2.14	172	eP	53	07.20	-1.1
GHO	2.16	180	iP	53	07.70	-0.8
PRP	2.18	41	eP	53	07.60	-1.3
DOT	2.19	95	eP	53	09.82	0.8
			S	53	38.58	
TOA	2.22	144	eP	53	10.90	1.4
SCM	2.23	160	eP	53	08.73	-0.8
SKT	2.27	212	eP	53	09.82	-0.4
PWA	2.32	191	eP	53	13.00	2.2
PLRM	2.34	182	eP	53	10.44	-0.6
PMR	2.34	182	eP	53	10.28	-0.8
			S	53	42.43	
TZL	2.48	138	eP	53	14.01	0.9
KNK	2.53	175	eP	53	13.53	-0.3
SUA	2.60	199	eP	53	15.17	0.3
PMS	2.70	186	eP	53	18.00	1.7
KLU	2.81	149	iP	53	18.97	1.1
NCG	2.93	212	eP	53	18.90	-0.6
IMA	2.94	319	eP	53	18.03	-1.8
CGLM	2.98	210	eP	53	19.79	-0.4
CRP	3.05	210	eP	53	20.81	-0.5
VLZ	3.05	155	eP	53	22.42	1.3
PTE	3.07	181	eP	53	22.37	1.0
CP2	3.07	211	eP	53	21.76	0.1
CKN	3.09	210	eP	53	22.09	0.3
SPU	3.10	209	eP	53	21.25	-0.7
BGL	3.10	212	eP	53	21.54	-0.5
CKT	3.12	210	eP	53	23.18	1.0
CKL	3.15	211	eP	53	22.23	-0.4
GLI	3.17	163	eP	53	23.52	0.6
TTA	3.32	256	eP	53	25.46	0.3
FID	3.39	159	eP	53	26.45	0.5
GLB	3.44	134	eP	53	27.41	0.7
MFA	3.45	183	eP	53	28.14	1.3
SLKM	3.48	190	eP	53	28.03	0.8
KNIM	3.63	170	eP	53	29.57	0.2
CVA	3.70	155	eP	53	31.28	0.8
HIN	3.72	161	eP	53	31.86	1.1

DFR	3.77	209	eP	53	31.41	-0.1
NCT	3.85	211	eP	53	33.60	1.0
REF	3.86	209	eP	53	33.61	0.7
RDW	3.89	209	eP	53	33.64	0.3
RS2	3.90	209	eP	53	34.08	0.6
RSO	3.90	209	eP	53	33.94	0.5
RS1	3.90	209	eP	53	33.57	0.1
CROM	4.18	137	eP	53	38.60	1.3
SVW	4.18	231	eP	53	37.07	-0.2
BALM	4.22	130	eP	53	38.25	0.4
HMT	4.22	146	eP	53	38.55	0.8
TGL	4.27	135	eP	53	39.97	1.4

63 obs. associated

* NOV 20, 1992 00h 07m 07.33s
61.587 N 146.523 W
DEPTH = 31.6km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.5 (AEIC).

KLU	0.30	108	iPc	07	14.49	-0.6
			eS	07	20.47	
SCM	0.46	303	iPd	07	16.45	-0.8
			eS	07	24.10	
VLZ	0.47	169	iPc	07	16.10	-1.2
			eS	07	23.31	
VZW	0.53	182	iPc	07	17.13	-1.3
TOA	0.55	18	iPc	07	17.77	-0.9
TZL	0.70	48	iPc	07	19.80	-1.0
GLI	0.76	202	iPd	07	20.59	-1.2
			eS	07	31.15	
FID	0.84	179	ePc	07	22.39	-0.5
			eS	07	34.23	
SML	0.89	285	ePc	07	22.39	-1.2
			eS	07	34.63	
KNK	0.94	260	iPd	07	23.83	-0.6
			eS	07	36.67	
SDG	1.05	26	iPd	07	24.72	-1.2
			eS	07	38.10	
CVA	1.11	160	ePc	07	25.82	-0.9
GHO	1.16	280	eP	07	26.78	-0.7
			eS	07	42.61	
HIN	1.19	179	ePc	07	27.25	-0.7
			eS	07	44.67	
PLRM	1.25	271	eP	07	27.93	-0.7
SGAM	1.26	149	iPc	07	27.77	-1.1
			eS	07	45.14	
GLB	1.31	95	iPc	07	27.93	-1.7
			eS	07	44.33	
KNIM	1.38	206	iPd	07	29.92	-0.6
			eS	07	48.60	
PTE	1.41	240	ePc	07	30.64	-0.3
			eS	07	49.68	
PAX	1.47	19	eP	07	31.35	-0.7
			eS	07	49.42	
PMS	1.50	258	ePc	07	32.28	-0.1
			eS	07	51.97	
RAGM	1.50	142	iPc	07	32.16	-0.3
PWA	1.60	274	eP	07	33.48	-0.3
HMT	1.67	138	eP	07	34.22	-0.6
LTI	1.68	203	ePd	07	35.22	0.3
MTU	1.70	200	eP	07	35.10	-0.1
MPA	1.77	233	iPc	07	36.19	0.0
			eS	07	58.90	
CROM	1.84	115	ePc	07	36.76	-0.7
TGL	1.97	113	eP	07	37.88	-1.4
HUR	2.02	315	eP	07	39.43	-0.4
SUA	2.03	268	eP	07	39.72	-0.3
BALM	2.09	103	ePc	07	39.23	-1.7
			eS	08	05.53	
SLKM	2.10	241	eP	07	40.64	-0.4
WAX	2.12	121	eP	07	40.28	-1.1
RND	2.12	330	eP	07	41.20	-0.2
SNH	2.29	126	eP	07	44.23	0.5
SKT	2.41	282	ePc	07	44.60	-0.8
			eS	08	16.44	
MCK	2.42	334	eP	07	45.60	0.0
TRF	2.56	319	eP	07	47.30	-0.4
CTGM	2.58	102	eP	07	46.36	-1.6
YAH	2.63	116	eP	07	47.45	-1.3
CGLM	2.65	266	eP	07	48.71	-0.1
SPU	2.69	264	eP	07	49.46	0.0
NCG	2.71	269	eP	07	48.73	-1.0
CKT	2.76	264	eP	07	50.14	-0.3
CKL	2.83	265	eP	07	51.58	0.2
HDA	2.84	356	eP	07	52.09	0.7
CNPM	3.11	230	eP	07	54.12	-1.3

48 obs. associated

? NOV 20, 1992 00h 47m 24.54 ± 1.58s
31.694 S ± 21.4km 69.522 W ± 19.2km
DEPTH = 130.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

RTBS	0.07	61	iPd	47	42.50	-0.1
RTCV	0.85	101	iPd	47	46.30	-0.2
			S	48	02.00	
CFA	1.10	86	ePc	47	49.00	0.3
			S	48	05.70	
MDZ	1.31	155	eP	47	51.10	0.1
MRA	3.32	103	e(P)	48	15.80	-0.1
	S.D. = 0.3	on 5 of 5 obs.				

* NOV 20, 1992 01h 05m 04.55 ± 1.06s
24.315 S ± 13.1km 67.157 W ± 12.1km
DEPTH = 210.3 ± 13.3 km
CHILE-ARGENTINA BORDER REGION (127)

SLA	1.57	106	iPd	05	39.80	-0.5
			S	06	05.40	
ANT	3.04	281	iP+	05	56.20	0.6
			iS	06	30.50	
CNCB	7.51	354	P	06	53.00	0.1
			S	08	17.00	
LPB	7.79	353	eP	06	56.00	-0.5
ZO80	8.04	353	P	06	59.00	-0.9
			i	08	29.70	
ARE	8.81	332	eP	07	35.00	25.6X
			iS	08	40.50	
SIV	10.06	36	P	07	27.00	1.6
VAO	18.54	90	eP	09	08.10	0.2
			e	09	09.50	

N	0.45	7	337		0.8s	70.70nm	5.3mb		0.6s	16.95nm	5.0mb			
P	-10.98	53	237		60.76	344 ePd	55 08.28	-1.8	HVU	77.60	326 eP	56 53.02	0.6	
Best Double Couple: Mo=1.1+10**17					60.99	57 iP	55 10.80	-1.1	ULM	77.61	341 ePd	56 54.50	2.3	
NP1: Strike=196 Dip=12 Slip=-50					61.47	347 eP	55 14.12	-0.7	MTUM	77.71	320 ePd	56 54.44	1.2	
NP2: 336 81 -98					0.6s	23.06nm		5.0mb	PHAM	77.83	318 eP	56 55.32	1.6	
SLA	1.75	156 iPd	46 03.80	0.2	61.65	347 iPd	55 15.13	-0.8	BONR	77.96	320 eP	56 56.49	1.8	
		(S)	46 36.00		62.94	335 ePd	55 23.11	-1.3	MEMM	78.14	320 eP	56 55.63	0.4	
ANT	3.84	261 iP+	46 24.30	-0.8	0.9s	40.49nm		5.1mb	PTI	78.19	327 eP	56 56.85	1.1	
		iS	47 08.60			eP	56 20.35	251km	HHA1	78.51	328 eP	56 58.29	0.9	
CYA	5.31	175 iP	46 44.00	1.1	62.96	334 iPc	55 23.50	-1.1			eP	57 59.72	260km	
CCH	5.72	1 iPd	46 45.50	-2.7	63.00	337 eP	55 22.67	-2.2	KVN	78.57	321 eP	56 58.73	0.8	
		i	47 42.00			ePcP	55 59.85		CMB	79.24	319 eP	57 02.26	0.9	
CNCB	6.48	345 iPd	46 56.20	-1.9	63.86	340 eP	55 28.04	-2.3		0.7s	13.19nm		4.8mb	
LPB	6.78	345 P	47 00.00	-1.6	64.45	159 eP	55 36.00	2.2	ARN	79.50	318 eP	57 04.14	1.4	
ZOBO	7.02	345 iPd	47 02.30	-2.6	0.8s	41.00nm		5.2mb	HMR	80.18	319 (P)	57 08.31	2.2	
		S	48 14.00			e	56 32.00	244km	LRM	80.41	329 ePd	57 08.50	1.0	
RTPR	7.15	182 iPd	47 04.80	-1.0	64.88	339 iPd	55 35.24	-1.7	NTYM	80.85	318 eP	57 10.57	0.9	
		S	48 25.20		0.5s	95.35nm		5.8mb	ORV	80.89	320 eP	57 11.42	1.5	
ARE	8.24	323 iPc	47 15.50	-4.6X		eP	55 36.50	-1.2			eP	58 11.69	253km	
		iS	48 40.50			e	55 38.30	6kmX	BLF	81.13	118 eP	57 12.50	0.8	
ARE	8.24	323 iPc	47 35.00	14.9X		e	55 48.20			1.0s	30.00nm		5.0mb	
		iS	48 40.50		TUL	65.02	334 eP	55 36.70	-1.1	MAW	82.07	163 P	57 19.20	3.6X
TCA	8.32	170 iPd	47 20.00	-0.7	0.6s	27.10nm		5.2mb	WDC	82.16	320 eP	57 16.10	-0.3	
		(S)	47 51.50		65.30	331 ePd	55 37.90	-1.7		0.7s	31.35nm		5.2mb	
RTLL	8.40	193 iPc	47 20.00	-1.8	0.8s	7.60nm		4.5mb	EVAL	82.32	44 iPc	57 18.10	0.8	
		S	49 53.30		65.48	356 eP	55 39.79	-0.8	EJIF	82.48	45 iPc	57 19.00	1.4	
CFA	8.62	191 ePc	47 22.80	-1.8	0.9s	58.00nm		5.3mb	LGPM	82.54	320 eP	57 19.07	0.5	
SIV	8.63	36 iPd	47 26.00	1.3	66.54	72 P	55 46.60	-1.3	PRY	82.99	116 iPc	57 22.50	1.2	
RTCV	8.93	192 eP	47 27.00	-1.5		PcP	56 42.00			1.0s	15.00nm		4.7mb	
RTBS	8.96	198 ePc	47 28.20	-0.6		e	04 20.00		KMPM	83.00	319 eP	57 22.61	1.8	
MRA	9.26	177 ePd	47 30.80	-1.9		P	55 48.00	-1.2	SES	83.20	333 eP	57 22.00	0.4	
MDZ	9.98	193 i(P)	47 40.60	-1.3		PcP	56 43.50		EHOR	83.42	44 eP	57 23.50	0.6	
PEL	10.71	200 ePd	47 50.54	-0.5		P	55 52.70	2.3	SLR	84.11	115 iPc	57 27.50	0.6	
IHA	10.94	204 eP	47 52.50	-1.3	SPA	67.01	180 iPd	55 52.70			1.1s	44.30nm		5.2mb
RFA	11.76	189 ePd	48 02.40	-1.8	0.5s	87.96nm		5.7mb	ECOG	84.20	45 iP	57 27.70	0.8	
		(S)	50 07.20		67.06	350 P	55 49.92	-0.7	EPLA	84.22	42 iPc	57 27.70	0.8	
NNA	14.96	316 iPd	48 43.30	-0.4	67.07	349 P	55 49.88	-0.8	EBAN	84.56	45 iPd	57 30.00	1.4	
	0.8s	82.09nm		5.2mb	ACTO	67.60	349 P	55 53.05	-0.9	DPW	84.63	328 eP	57 29.55	0.7
VAO	17.78	93 iPc	49 14.40	-0.7	WLVO	67.64	351 P	55 53.53	-0.6	FCC	84.77	346 ePd	57 33.50	4.3X
		i	49 17.30		RSNY	67.76	354 eP	55 54.45	-0.5	ENIJ	84.92	46 eP	57 30.60	0.1
		e	49 20.70			0.7s	51.75nm		EHUE	85.14	45 eP	57 31.80	0.2	
		e	49 28.20			eP	56 52.77	252km	TOL	85.38	43 iPc	57 31.30	-1.3	
BAO	18.78	70 Pd	49 23.50	-2.1	ALO	69.19	325 ePd	56 04.42	0.3		1.0s	50.00nm		5.3mb
		e	49 27.00			0.7s	47.46nm		5.3mb	EVIA	85.66	45 eP	57 35.00	0.8
		e	49 41.90		JFWS	69.33	341 ePd	56 03.23	-1.3	GUD	85.75	42 iPc	57 35.50	0.9
		e	49 51.80			0.6s	93.50nm		5.7mb	BCAO	86.97	84 iPc	57 41.80	0.9
		e	49 57.90		TUC	69.62	321 ePd	56 07.03	0.4		1.2s	28.00nm		5.0mb
		e	50 04.90			1.8s	83.40nm		5.2mb			ic	58 42.40	251km
		e	50 09.00				eP	57 06.49	256km	ETOR	87.16	43 iPd	57 43.30	2.0
		e	50 16.20		CBM	69.75	359 eP	56 06.76	-0.2	ECHE	87.18	45 eP	57 43.00	1.6
		e	50 19.40			0.8s	46.34nm		5.3mb	MCW	87.48	326 eP	57 43.74	1.1
		e	50 32.60				eP	57 03.73	244km	CIR	88.76	112 iPd	57 53.20	3.8X
		e	50 45.20		EEO	70.40	351 eP	56 13.50	2.6X	YKA	93.54	340 eP	58 10.80	0.5
		e	51 05.70		GLD	72.34	329 eP	56 23.38	0.6		0.6s	10.10nm		5.1mb
		e	51 27.30		GOL	72.37	329 eP	56 23.17	0.1	ASPA	129.52	204 iPKPd	04 04.40	0.9
		e	52 48.80			0.7s	20.51nm		5.0mb		0.6s	17.70nm		
		e	52 56.00				eP	57 22.14	252km	GBA	144.37	99 PKP	04 31.20	0.3
		e	53 02.20		GLA	72.55	319 ePc	56 25.10	1.1	HYB	146.58	93 ePKP	04 37.00	2.4
		e	53 05.00		PV08	73.10	326 eP	56 28.32	0.9		1.0s	120.00nm		
		e	53 22.00		PV10	73.15	326 ePd	56 27.51	-0.1	NDI	146.79	73 iPKP	04 38.60	4.0X
		e	55 21.50		PV09	73.29	326 ePd	56 29.20	0.7		0.5s	63.30nm		
		e	55 40.50		SRU	74.47	326 iPd	56 35.77	0.6	GKN	153.35	73 PKP	04 49.52	4.8X
		e	55 54.20		PEC	74.55	318 ePd	56 36.68	1.2	DMN	153.79	74 PKP	04 51.70	6.3X
		e	56 25.00			0.6s	13.31nm		4.8mb	KKN	153.94	74 PKP	04 51.96	6.4X
BDF	18.85	70 Pd	49 25.00	-1.2	MSU	74.90	324 ePd	56 38.48	0.8	PKI	154.06	74 PKP	04 54.78	8.9X
		e	49 40.00				eP	57 39.01	258km	GUN	154.46	73 PKP	04 49.98	3.5X
		e	49 50.20		ARUT	75.07	323 eP	56 40.00	1.4	MAT	154.98	308 ePKP	04 57.00	10.6X
		e	50 11.40				eP	57 40.45	258km	S.D. = 1.3 on 122 of 135 obs.				
		e	50 23.00		SSK	75.09	318 eP	56 40.33	1.6	X NOV 20, 1992 01h 49m 56.41 ± 0.68s				
		e	51 26.00		EMUT	75.14	326 eP	56 39.33	0.3	39.480 N ± 5.5km 28.366 E ± 7.1km				
		e	52 39.00		GSC	75.28	319 eP	56 41.03	1.3	DEPTH = 10.0km (geophysicist)				
		e	52 48.70		RSSD	75.33	333 eP	56 40.34	0.4	TURKEY (366)				
		e	52 53.30			0.7s	11.93nm		4.7mb	MD 3.0 (ISK).				
		e	55 05.00		DAU	75.81	326 iPd	56 43.84	1.0	DST	0.24	58 iPg	50 01.40	-0.1
		e	55 19.60				eP	57 44.29	257km			eSg	50 04.10	
		e	55 24.00		ABL	76.46	318 eP	56 47.00	0.6	KCT	0.77	359 iPg	50 11.30	-0.1
BMA	20.39	93 eP	49 41.70	0.2	DUG	76.46	325 eP	56 46.81	0.6			iSg	50 24.30	
		e	49 43.50			0.8s	13.71nm		4.7mb	EDC	0.95	336 iPn	50 15.00	0.5
SDV	32.10	352 iPc	51 25.80	-2.8	ISA	76.53	319 ePd	56 48.02	1.4	YLV	1.33	35 iPn	50 20.50	-0.5
TOV	32.89	354 eP	51 32.70	-2.5		0.9s	39.11nm		5.1mb	IZM	1.38	219 iPn	50 21.40	-0.3
OLLA	32.94	359 iP	51 33.40	-2.3	BW06	76.75	329 iPd	56 48.29	0.4	ALT	1.42	107 ePn	50 22.00	0.5
JSC	58.84	346 iPd	54 56.04	-0.9		0.6s	4.81nm		4.4mb	KHL	1.47	142 ePn	50 23.00	0.0
PRM	58.91	344 eP	54 56.36	-1.1	JAQ	77.04	354 eP	56 48.00	-0.9	S.D. = 0.5 on 7 of 7 obs.				
LHS	58.93	346 eP	54 56.27	-1.3	BCH	77.21	317 eP	56 51.93	1.5					
CEH	59.93	348 eP	55 02.44	-2.0	TNP	77.41	321 ePd	56 52.83	1.2					

20d 02h

NOV 20, 1992 02h 48m 22.05± 0.74s
 39.189 N ± 6.3km 20.583 E ± 6.2km
 DEPTH = 10.0km (geophysicist)
 GREECE-ALBANIA BORDER REGION (392)
 MD 3.0 (ATH).

IGT	0.39	331	iPq	48 28.33	-1.8
			eSg	48 35.72	
KEK	0.80	311	ePb	48 38.50	0.9
VLS	1.01	180	ePb	48 41.20	0.0
KZN	1.44	39	ePb	48 47.50	-0.8
FNA	1.71	21	ePb	48 52.52	0.5
			eSb	49 18.72	
LIT	1.73	58	ePb	48 52.08	-0.3
OHR	1.93	5	iPn	48 56.10	0.9
			i	48 58.00	
			i	49 24.90	
GRG	2.25	38	ePn	49 00.92	1.0
			iSn	49 30.04	
PAIG	2.50	72	ePn	49 02.64	-0.8
VAY	2.62	35	iPn	49 05.30	0.2
SOH	2.68	52	ePn	49 06.72	0.6
			eSn	49 39.36	
SKO	2.86	13	iPn	49 12.00	3.5X
			iSg	49 46.00	
OUR	2.86	65	ePn	49 08.20	-0.3
SRS	3.00	49	ePn	49 10.48	-0.1

S.D. = 0.9 on 13 of 14 obs.

* NOV 20, 1992 03h 46m 14.99± 0.44s
 31.002 S ± 10.1km 13.548 W ± 8.3km
 DEPTH = 10.0km (geophysicist)
 5.1mb (7 obs.) 4.9Msz (3 obs.)

SOUTHERN MID-ATLANTIC RIDGE (410)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 17S, 25C

Centroid Location:

Origin Time 03:46:22.6 1.0

Lat 31.29S 0.16 Lon 13.55W 0.07

Dep 15.0 FIX Half-duration 1.2

Moment Tensor; Scale 10¹⁶ Nm

Mrr=-5.47 0.33 Mtt= 0.18 0.37

Mff= 5.29 0.38 Mrt= 3.93 1.26

Mrf= 1.06 1.50 Mtf=-2.86 0.49

Principal Axes:

T Vol= 6.62 Plg= 4 Azm= 64

N 1.27 30 332

P -7.88 59 160

Best Double Couple: Mow=7.2*10¹⁶

NP1: Strike=182 Dip=49 Slip=-48

NP2: 308 56 -128

BLF	34.31	97	eP	52 55.10	-8.8X
BDF	34.90	288	Pd	53 09.60	0.6
			e	53 15.50	
			e	53 17.90	
			e	53 26.00	
BAO	34.99	288	Pd	53 10.50	0.7
			e	53 16.00	
			e	53 18.00	
			e	53 26.90	
			e	53 35.00	
			e	53 45.60	
PRY	35.97	94	e(P)	53 16.00	-2.1
	1.0s	25.00nm			5.0mb
LIC	37.98	14	P	53 34.80	0.0
KIC	38.17	14	P	53 36.20	-0.2
TIC	38.39	14	P	53 38.20	-0.1
BUL	39.34	84	eP	53 45.10	-1.3
			i	55 16.20	
CIR	41.52	87	iPd	54 07.90	3.6X
KRI	41.66	80	iPd	54 07.00	1.5
NVL	42.14	168	eP	54 10.00	1.4
	1.2s	50.00nm			5.1mb
			e	56 16.00	
SIV	45.74	278	eP	54 45.00	6.5X
MDZ	46.49	253	e(P)	54 41.60	-2.6
BCAO	46.74	47	iPc	54 45.00	-1.3
	1.2s	105.00nm			5.8mb
			ic	54 50.70	
			ic	56 59.00	
			ic	57 21.00	
CCH	49.44	273	eP	55 07.00	-0.8
CNCB	51.27	273	P	55 23.00	1.0
LPB	51.50	273	P	55 25.40	1.8

Z 18s 2.41um 5.3Msz

ZOBO	51.63	273	P	55 22.00	-2.9
	Z 22s	1.27um			4.9Msz
		S	02 42.00		
		LR	11 32.00		
SPA	59.09	180	iPc	56 18.00	1.1
	1.0s	17.50nm			5.1mb
EJIF	67.60	7	eP	57 14.50	0.7
MAL	68.00	8	iPc	57 15.00	-1.2
EVAL	68.60	6	eP	57 20.30	0.3
ECOG	68.64	9	eP	57 20.30	-0.1
EHOR	68.98	7	eP	57 22.50	0.1
ECHE	71.28	10	eP	57 35.50	-0.9
GUD	71.89	8	eP	57 40.00	-0.2
ETOR	72.33	9	eP	57 42.50	-0.2
SKO	79.52	26	iP	58 23.90	0.6
		i	58 34.30		
GEC2	83.21	18	eP	58 42.80	0.2
	0.9s	2.34nm			4.4mb
		e	58 51.20		
		e	58 58.10		
GRF	83.38	16	eP	58 44.30	1.0
	1.0s	14.00nm			5.1mb
	Z 19s	0.20um			4.5Msz
		e	58 54.50		
KHC	83.44	18	eP	58 43.20	-0.5
		e	58 54.70		
		e	02 01.00		
ZST	83.57	20	eP	58 44.70	0.4
		e	58 55.70		
PSZ	84.18	22	ePd	58 47.70	0.2
MLR	84.23	27	eP	58 48.00	0.1
PRU	84.48	18	eP	58 49.50	0.7
		e	59 00.50		
BRG	85.14	17	i(P)	59 03.80	11.7X
	1.4s	24.00nm			
CLL	85.31	16	iP	59 04.70	11.8X
	1.7s	24.00nm			
SPC	85.40	21	eP	58 54.80	1.1
KSP	85.72	18	eP	58 55.00	-0.1
OJC	86.17	21	eP	59 19.30	22.0X
EKA	86.52	6	P	59 01.00	2.1
	1.2s	24.50nm			5.3mb
IMA	137.53	337	ePKP	05 39.36	-0.9

S.D. = 1.2 on 36 of 42 obs.

* NOV 20, 1992 04h 20m 33.62s
 32.028 N 116.215 W
 DEPTH = 6.0km (geophysicist)
 CALIF.-BAJA CALIF. BORDER REGION(45)
 <PAS-P>. ML 3.4 (PAS).

PLM	1.43	338	ePd	20 58.98	-1.3
		eS	21 16.86		
GLA	1.56	49	iPd	20 59.57	-2.3
PEC	2.02	337	ePn	21 07.48	-1.2
		eS	21 33.89		
SSK	2.51	331	ePn	21 15.65	-0.1
		ePg	21 17.44		
		eS	21 49.04		
GSC	3.30	352	ePn	21 26.55	-0.4
		eS	22 16.21		
ABL	3.77	319	ePn	21 32.86	-1.0
BONR	6.16	344	(P)	22 15.88	8.3
ARUT	6.18	21	ePn	22 05.43	-2.4
MSU	7.26	26	ePn	22 24.36	1.2
SRU	8.45	32	(Pn)	22 38.99	-0.7
		e	22 49.21		
PV09	8.67	40	ePc	22 42.76	-0.1
	11 abs.	associated			

? NOV 20, 1992 04h 42m 48.75± 2.66s
 25.092 S ± 18.3km 179.920 E ± 15.9km
 DEPTH = 563.6 ± 32.0 km
 5.0mb (11 obs.)

SOUTH OF FIJI ISLANDS (171)

WCZ	11.83	203	eP	45 27.50	1.7
DZM	12.72	281	iPc	45 33.10	-1.9
		iS	47 53.00		
MNG	15.92	192	eP	46 04.40	-2.0
		eS	48 49.60		
MRW	16.67	194	P	46 14.70	1.1
		(S)	49 05.80		
QRZ	16.86	200	eP	46 16.30	0.8
THZ	17.62	198	eP	46 23.60	0.7
DSZ	17.92	200	eP	46 26.60	0.8

KHZ	18.07	195	eP	46 26.10	-0.9
LTZ	18.74	198	eP	46 33.60	0.1
	0.5s	43.00nm			5.3mb
BWZ	21.04	200	eP	46 53.10	-1.5
LRCZ	21.69	201	eP	46 59.70	-1.1
LSCZ	21.73	201	eP	46 59.30	-1.7
ARMA	25.56	252	iPc	47 36.80	1.4
	0.5s	11.00nm			4.7mb
RMO	28.06	260	iPd	47 58.10	0.8
	1.0s	41.00nm			5.0mb
CAN	28.50	242	iPc	48 02.30	1.3
BWA	28.79	244	eP	48 02.50	-1.0
CTA	31.43	272	iPd	48 26.00	-0.1
	0.8s	44.78nm			5.1mb
TOO	31.75	239	iPc	48 30.10	1.4
	0.4s	19.00nm			5.1mb
BFD	33.98	240	iPc	48 48.80	1.5
	0.9s	14.00nm			4.6mb
STK	34.23	250	eP	48 54.20	4.7X
ASPA	41.78	262	iPd	49 51.10	0.1
	0.5s	31.00nm			5.1mb
FORT	45.84	251	eP	50 22.40	-0.1
	0.5s	22.00nm			4.9mb
KNA	48.59	271	iPd	50 43.00	-0.5
	0.5s	29.00nm			5.1mb
MBL	55.01	261	iPc	51 26.70	-3.0
	0.5s	22.00nm			4.7mb
NANU	58.46	258	iPd	51 53.90	0.6
CHG	90.03	291	eP	54 52.10	2.2
		eSg	59 36.50		
SRU	91.06	47	ePc	54 55.51	1.0
ALQ	91.74	52	eP	54 59.00	1.2
	1.0s	4.50nm			4.5mb
NAO	143.50	351	PKP	01 18.90	-1.4
	0.8s	3.90nm			
HFS	143.69	348	ePKP	01 18.80	-1.8
	0.4s	5.30nm			
KSP	151.36	338	iPKP	01 41.50	8.4X
BCAO	152.76	224	iPKPc	01 46.30	10.1X
	0.3s	8.00nm			
		ic	01 59.70		

S.D. = 1.4 on 29 of 32 obs.

? NOV 20, 1992 07h 10m 06.90± 0.94s
 17.803 N ± 10.1km 121.286 E ± 10.5km
 DEPTH = 33.0km (normal)
 4.1mb (2 obs.)

LUZON, PHILIPPINE ISLANDS (249)

CVP	0.52	101	eP	10 17.00	-0.8
		eS	10 26.50		
PIP	0.82	309	iPc	10 30.00	8.0X
		iS	10 48.50		
SZP	0.83	253	ePd	10 21.00	-1.1
BGP	1.52	205	eP	10 33.00	0.9
		eS	10 39.20		
BBP	2.77	14	iPc	10 50.50	0.7
		iS	11 29.50		
OVP	3.17				

DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

RTCV 1.46 352 ePc 59 23.00 -0.6
S 59 42.00
RFA 1.47 185 ePc 59 23.70 -0.1
S 59 45.50
CFA 1.70 2 eP 59 27.00 -0.1
S 59 50.00
RTBS 1.91 329 ePd 59 30.70 0.6
S 59 54.20
MRA 2.36 68 e(P) 59 40.30 3.7X
S 00 12.80
TCA 3.71 59 eP 59 56.00 0.3
(S) 00 52.00
S.D. = 0.7 on 5 of 6 obs.

* NOV 20, 1992 08h 08m 30.16s
67.373 N 146.568 W

DEPTH = 24.6km
NORTHERN ALASKA (676)
<AEIC>. ML 3.9 (AEIC), 4.6
(PMR). Felt (III) at Arctic
Village.

FYU 0.97 146 iP 08 47.16 -0.9
PRP 1.91 167 iP 09 01.44 -0.4
S 09 23.87
GLM 2.42 188 iP 09 08.62 -0.4
MDM 2.52 196 iP 09 09.84 -0.5
S 09 41.12
FBA 2.53 192 ePnd 09 09.84 -0.7
(S) 09 53.84
CCB 2.78 191 iP 09 13.34 -0.7
S 09 47.94
MLY 2.90 218 iP 09 15.13 -0.6
WRH 2.98 193 eP 09 16.32 -0.5
HDA 2.98 183 eP 09 16.44 -0.5
NEA 2.99 201 eP 09 16.18 -0.8
S 09 51.51

IMA 3.11 248 ePnd 09 17.76 -1.1
ePg 09 26.04
S 10 03.87

MCK 3.79 196 eP 09 27.90 -0.4
DOT 3.88 163 iP 09 28.93 -0.8
THY 3.99 175 eP 09 30.83 -0.4
RND 4.10 195 eP 09 32.33 -0.5
TRF 4.23 203 eP 09 34.05 -0.8
KTH 4.24 207 eP 09 34.18 -0.7
TMW 4.33 158 eP 09 35.00 -1.1
PAX 4.45 174 eP 09 36.89 -0.9
S 10 27.83
HUR 4.60 198 eP 09 37.34 -2.6
S 10 33.49

SDG 4.89 174 iP 09 43.16 -0.8
TOA 5.29 178 eP 09 50.50 0.8
BRW 5.34 322 eP 09 50.50 0.2
TZL 5.37 174 eP 09 50.31 -0.5
SCM 5.57 184 iP 09 54.02 0.3
SML 5.64 189 eP 09 53.43 -1.2
GHO 5.71 191 eP 09 55.38 -0.3
SKT 5.82 204 eP 09 55.90 -1.1
PLRM 5.91 192 eP 09 57.92 -0.4
PMR 5.91 192 eP 09 59.80 1.5
S 10 03.50

KLU 5.91 177 eP 09 57.63 -0.8
PWA 5.92 196 eP 10 00.46 2.0
TTA 5.97 226 eP 09 58.50 -0.8
KNK 6.04 189 eP 10 01.22 1.0
GLB 6.07 167 eP 09 59.56 -1.2
SUA 6.20 199 eP 10 02.89 0.3
VLZ 6.27 179 eP 10 02.74 -0.6
PMS 6.29 193 eP 10 04.90 1.2
VZW 6.34 180 eP 10 04.56 0.1
NCG 6.46 205 eP 10 05.92 -0.3
GLI 6.52 182 eP 10 06.38 -0.7
CGLM 6.53 204 eP 10 07.80 0.6
CRP 6.59 204 eP 10 07.74 -0.4
CP2 6.61 205 eP 10 04.36 -4.0
BALM 6.62 162 iP 10 07.06 -1.4
PTE 6.62 190 eP 10 08.94 0.6
BGL 6.63 205 eP 10 08.77 0.1
CKN 6.64 204 eP 10 08.20 -0.4
FID 6.65 180 eP 10 07.31 -1.5
SPU 6.66 204 eP 10 08.81 -0.1
CKT 6.66 204 eP 10 09.57 0.5
CKL 6.69 205 eP 10 08.96 -0.4

CROM 6.81 166 eP 10 10.95 -0.3
CTGM 6.83 158 eP 10 09.96 -1.4
TGL 6.84 164 eP 10 11.02 -0.5
CVA 6.86 177 eP 10 10.42 -1.3
SGAM 6.93 174 eP 10 10.25 -2.4
HIN 7.00 180 eP 10 11.91 -1.9
MPA 7.02 191 eP 10 13.65 -0.3
RAGM 7.06 172 eP 10 13.75 -0.9
KNIM 7.07 185 eP 10 14.82 0.1
SLKM 7.08 195 eP 10 14.43 -0.3
HMT 7.14 171 eP 10 14.86 -0.8
WAX 7.14 165 eP 10 15.62 -0.1
DFR 7.32 204 eP 10 18.20 0.0
YAH 7.35 161 eP 10 18.84 0.1
NCT 7.38 205 eP 10 18.28 -0.9
SEW 7.41 191 eP 10 19.40 0.1
SVW 7.42 216 eP 10 22.00 2.5
REF 7.42 204 eP 10 17.98 -1.7
RDW 7.44 205 eP 10 18.50 -1.5
RS2 7.45 204 eP 10 20.27 0.1
RSO 7.45 204 eP 10 19.17 -1.0
RS1 7.45 204 eP 10 18.86 -1.3
HOM 8.07 199 eP 10 27.16 -1.4
CNPM 8.15 197 eP 10 28.61 -1.1
ANM 8.16 259 (Pn) 10 24.31 -5.6
ePg 10 57.38

MBC 12.13 31 P 11 18.50 -5.6
0.6s 3.20nm 4.7mb X
78 obs. associated

* NOV 20, 1992 08h 33m 23.62 ± 0.70s
25.658 S ± 13.6km 13.940 W ± 12.4km
DEPTH = 10.0km (geophysicist)
4.1mb (2 obs.)

SOUTHERN MID-ATLANTIC RIDGE (410)

KIC 33.06 17 P 40 01.30 -0.3
BDF 33.21 281 Pc 40 02.20 -0.9
S 40 04.00
S 40 11.00
TIC 33.26 16 P 40 03.00 -0.3
BAO 33.30 281 e(P) 40 01.00 -2.9X
S 40 04.00
S 40 06.00
S 40 07.50
S 40 11.00

BCAO 43.44 51 iPd 41 23.30 -5.4X
1.0s 5.00nm 4.2mb
SIV 44.89 273 P 41 46.20 5.7X
NVL 47.50 169 eP 42 00.00 -0.3
CCH 49.00 269 P 42 13.80 0.7
CNCB 50.85 269 P 42 28.00 0.5
LPB 51.05 269 P 42 29.00 0.1
Z 16s 1.08um 5.0MszX
LR 59 24.00

ZOBO 51.16 269 Pc 42 29.40 -0.6
LR 57 16.00
ARE 54.13 268 eP 42 52.00 0.3
GEC2 78.18 18 eP 45 26.30 1.6
S 45 32.20
S 45 37.50
ZST 78.62 21 eP 45 26.20 -0.8
MLR 79.57 27 ePc 45 40.00 7.6X
NAO 88.50 12 PKP 46 27.50 10.4X
S 46 27.50
S.D. = 0.8 on 11 of 16 obs.

NOV 20, 1992 08h 42m 56.64 ± 0.42s
40.960 S ± 4.8km 172.835 E ± 4.9km
DEPTH = 221.5 ± 5.9 km
OFF W. COAST OF S. ISLAND, N.Z. (161)

QRZ 0.27 300 Pc 43 25.60 0.1
S 43 43.20
THZ 0.80 176 Pc 43 27.60 -0.3
S 43 46.70
DIW 0.84 80 Pd 43 27.70 -0.3
DSZ 1.11 224 P 43 29.50 -0.1
TCW 1.12 104 Pc 43 29.50 -0.2
CCW 1.31 128 P 43 31.00 0.0
MRW 1.44 102 P 43 31.80 -0.3
S 43 53.80
WEL 1.50 103 P 43 32.30 -0.2
S 43 54.70
KHZ 1.55 160 Pc 43 32.80 -0.1

KIW 1.58 87 eS 43 55.30
Pc 43 33.20 0.0
CAW 1.70 96 Pc 43 34.10 -0.2
LTZ 1.87 193 P 43 36.30 0.4
S 44 00.80
MOW 1.88 105 Pc 43 35.80 -0.2
BSZ 1.98 55 P 43 37.70 0.8
MTW 2.03 97 Pc 43 37.40 0.0
BLW 2.03 102 P 43 37.40 -0.1
MNG 2.04 81 Pc 43 37.60 0.1
S 44 04.40
AMW 2.24 100 Pd 43 39.90 0.4
PGZ 2.63 84 P 43 44.20 0.5
CNZ 2.72 51 P 43 45.10 0.3
MOZ 2.75 183 P 43 44.30 -0.7
NGZ 2.77 51 P 43 45.20 -0.2
MOZ 2.88 32 P 43 46.80 0.3
EWZ 2.94 209 P 43 47.90 0.8
WAHZ 2.97 66 P 43 48.00 0.4
WHH 3.49 55 P 43 53.30 -0.4
LMZ 3.82 223 P 43 57.70 0.2
BWZ 4.18 210 eP 44 02.10 0.3
URZ 4.26 52 P 44 02.20 -0.7
ODZ 4.39 201 P 44 05.30 0.8
NOZ 4.64 61 P 44 07.90 0.3
LRCZ 4.83 211 eP 44 09.90 -0.3
LSCZ 4.87 210 P 44 09.90 -0.6
MMCZ 4.87 213 P 44 10.10 -0.5
SBCZ 4.87 211 P 44 10.30 -0.3
CMCZ 4.93 211 eP 44 11.00 -0.4
TLC 5.05 212 eP 44 12.50 -0.4
HBZ 5.41 53 eP 44 16.80 -0.5
TUZ 5.51 204 eP 44 19.60 1.1
S.D. = 0.5 on 39 of 39 obs.

? NOV 20, 1992 08h 46m 36.46 ± 1.06:
7.407 S ± 12.9km 143.005 E ± 13.3kr
DEPTH = 33.0km (normal)
4.2mb (1 obs.)

NEAR S COAST OF NEW GUINEA, PNG. (206)

YYYY 3.16 69 eP 47 24.20 -1.0
MDG 3.49 52 eP 47 29.70 -0.1
WWKK 3.81 9 eP 47 34.50 0.2
LAT 4.04 80 eP 47 38.50 1.0
PMG 4.56 116 eP 47 51.60 6.6
S 48 39.00
WB2 15.02 213 iPd 50 08.10 -0.1
0.3s 4.00nm 4.2mb
S.D. = 1.0 on 5 of 6 obs.

NOV 20, 1992 09h 41m 25.96 ± 0.76:
41.723 N ± 6.7km 23.140 E ± 6.2kr
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)
ML 2.7 (SKO).

VAY 0.59 227 iPg 41 36.70 -1.1
ISg 41 46.50
SRS 0.69 151 iPg 41 38.30 -1.4
ISg 41 50.69
SOH 0.92 170 iPg 41 42.78 -0.7
eSg 41 57.82
GRG 0.95 216 ePg 41 43.70 -0.3
ISg 41 58.66
THE 1.10 187 ePb 41 46.82 0.3
ISb 42 04.82
SKO 1.29 282 e(Pg) 41 50.50 0.6
eSg 42 04.50
OUR 1.53 155 ePb 41 54.02 0.8
eSb 42 17.26
FNA 1.63 235 ePb 41 55.42 0.6
PAIG 1.84 167 ePb 41 59.38 1.5
eSb 42 27.06
ALN 2.34 110 ePn 42 05.70 0.7
eSn 42 38.02
MLR 4.28 27 eP 42 32.00 -0.7
S.D. = 1.0 on 11 of 11 obs.

* NOV 20, 1992 09h 46m 08.39s
61.623 N 149.971 W
DEPTH = 37.8km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.6 (AEIC).
PWA 0.05 58 iPd 46 14.83 0.3
eS 46 21.04

20d 09h

PLRM	0.40	94	iPc	46 17.05	-0.7
			eS	46 24.02	
PMR	0.40	94	ePd	46 16.68	-1.0
			S	46 24.30	
SUA	0.40	247	iPd	46 17.58	-0.3
			iS	46 25.23	
PMS	0.43	152	iPd	46 17.62	-0.5
			eS	46 25.14	
GHO	0.52	73	ePc	46 18.69	-0.7
			eS	46 27.94	
KNK	0.76	106	iPc	46 21.94	-0.7
			eS	46 33.10	
SML	0.80	76	iPc	46 22.27	-1.1
SKT	0.82	297	iPc	46 22.58	-1.0
			eS	46 34.29	
PTE	0.89	149	ePc	46 23.37	-1.1
CGLM	1.03	253	iPc	46 25.87	-0.7
NCG	1.07	259	iPc	46 26.54	-0.7
			eS	46 41.03	
SPU	1.10	247	iPc	46 26.67	-0.9
			eS	46 41.65	
CRP	1.11	252	eP	46 26.42	-1.4
SLKM	1.13	186	eP	46 26.54	-1.4
CKN	1.14	250	eP	46 27.47	-0.6
			S	46 42.87	
CP2	1.15	253	eP	46 27.85	-0.6
			eS	46 43.60	
CKT	1.16	249	eP	46 27.42	-1.0
			eS	46 43.00	
MPA	1.18	165	eP	46 27.24	-1.3
			eS	46 43.72	
CKL	1.22	250	ePc	46 28.36	-0.9
			eS	46 44.34	
BGL	1.22	254	eP	46 28.08	-1.2
			S	46 44.92	
SCM	1.28	79	iPc	46 29.46	-0.7
			eS	46 47.77	
HUR	1.37	6	eP	46 31.34	0.0
			eS	46 49.82	
SEW	1.55	170	eP	46 32.81	-1.0
GLI	1.58	117	iPc	46 32.90	-1.4
DFR	1.68	233	iPc	46 35.00	-0.8
			eS	46 56.83	
KNIM	1.68	139	eP	46 33.48	-2.3
			S	46 57.22	
VZW	1.74	107	eP	46 36.21	-0.5
REF	1.75	231	ePc	46 36.15	-0.8
			S	46 58.85	
RSO	1.79	231	ePc	46 36.67	-0.9
			eS	46 59.02	
RS2	1.79	231	ePc	46 36.75	-0.8
			eS	47 00.06	
NCT	1.79	235	ePc	46 36.72	-0.8
RS1	1.79	231	ePc	46 36.76	-0.8
			eS	47 00.11	
RDW	1.79	232	ePc	46 36.85	-0.8
VLZ	1.82	104	eP	46 36.16	-1.6
TRF	1.84	356	eP	46 37.82	-0.5
TOA	1.86	73	eP	46 38.48	-0.1
LTl	1.90	146	eP	46 36.92	-2.0
FID	1.90	116	eP	46 36.87	-2.2
KLU	1.94	92	iPc	46 38.20	-1.5
			eS	47 02.49	
HIN	2.09	125	eP	46 39.77	-2.0
ILIM	2.13	225	eP	46 40.25	-2.1
CNPM	2.20	197	eP	46 41.42	-1.8
SDG	2.27	65	eP	46 44.69	0.3
CVA	2.32	116	eP	46 42.61	-2.3
SGAM	2.58	114	eP	46 46.64	-1.9
PDB	2.77	230	eP	46 50.14	-1.3
RAGM	2.86	113	eP	46 53.77	1.0
GLB	2.96	91	eP	46 53.30	-0.8
CROM	3.42	102	eP	46 59.27	-1.5
FBA	3.43	16	eP	46 59.69	-1.1
BALM	3.72	96	eP	47 03.30	-1.7
PRP	4.39	25	eP	47 12.22	-2.2

53 obs. associated

% NOV 20, 1992 09h 46m 24.67±1.54s
43.065 N ±20.4km 0.597 W ± 8.7km
DEPTH = 10.0km (geophysicist)
PYRENEES (378)
ML 1.0 (STR).

ESCF	0.02	51	Pg	46 26.53	-0.1
			Sg	46 27.44	
ATE	0.08	285	Pg	46 27.00	-0.2

			Sg	46 28.61	
OGE	0.14	41	Pg	46 28.04	0.1
ISSF	0.15	256	Pg	46 28.30	0.0
			Sg	46 30.95	
MADF	0.18	296	Pg	46 28.85	0.1
			Sg	46 32.29	

S.D. = 0.2 on 5 of 5 obs.

& NOV 20, 1992 09h 59m 27.93s
60.836 N 146.880 W
DEPTH = 25.8km
SOUTHERN ALASKA
<AEIC>. ML 2.5 (AEIC). (2)

GLI	0.11	293	iPc	59 32.42	-0.4
			eS	59 36.55	
FID	0.21	114	iPd	59 33.37	-0.5
			eS	59 38.45	
VZW	0.27	35	iPd	59 34.34	-0.4
			S	59 39.92	
VLZ	0.40	42	iPd	59 35.81	-0.7
			eS	59 42.33	
HIN	0.48	157	iPc	59 36.92	-0.9
			eS	59 44.91	
CVA	0.63	117	iPc	59 39.16	-1.1
			eS	59 49.68	
KNIM	0.65	221	iPc	59 39.00	-1.6
			eS	59 48.02	
KLU	0.81	35	iPd	59 41.83	-1.5
			eS	59 52.85	
SGAM	0.89	111	iPc	59 43.20	-1.4
LTl	0.93	212	iPd	59 43.76	-1.5
			eS	59 56.86	
MTU	0.93	205	eP	59 44.02	-1.3
KNK	0.96	308	iPc	59 44.31	-1.4
			eS	59 57.56	
SCM	1.02	348	iPc	59 45.20	-1.5
			eS	59 59.16	
PTE	1.05	272	iPc	59 45.44	-1.5
			S	59 59.27	
RAGM	1.18	112	ePc	59 47.34	-1.5
SML	1.20	325	iPc	59 47.97	-1.2
			S	00 03.80	
MPA	1.27	255	iPc	59 48.83	-1.2
			eS	00 05.26	
TOA	1.32	15	eP	59 50.26	-0.6
PLRM	1.33	306	iPc	59 49.79	-1.1
			eS	00 06.47	
GHO	1.36	314	iPc	59 50.58	-0.9
			eS	00 09.51	
HMT	1.39	110	ePc	59 49.95	-1.8
TZL	1.40	29	eP	59 51.88	0.0
KAIM	1.53	126	eP	59 51.07	-2.7
GLB	1.61	66	iPc	59 54.05	-1.0
			eS	00 15.10	
SLKM	1.68	260	ePd	59 54.64	-1.4
SDG	1.81	20	eP	59 57.77	-0.2
CROM	1.84	91	ePc	59 56.93	-1.5
SUA	1.98	290	ePc	59 59.40	-1.0
TGL	1.99	91	eP	59 58.58	-2.0
WAX	2.02	99	eP	59 58.86	-2.2
			S	00 25.29	
SNH	2.11	106	eP	00 00.24	-2.0
BALM	2.22	83	iPc	00 02.26	-1.7
PAX	2.24	17	eP	00 03.70	-0.5
BRLK	2.27	243	eP	00 02.54	-1.9
			eS	00 29.05	
SKT	2.51	299	eP	00 06.01	-2.0
CGLM	2.54	283	eP	00 06.60	-1.8
SPU	2.54	280	ePc	00 06.34	-2.1
CRP	2.60	282	ePc	00 07.70	-1.7
CKN	2.61	281	eP	00 07.51	-1.9
CKT	2.62	280	eP	00 07.42	-2.1
NCG	2.62	285	ePc	00 07.63	-2.0
CP2	2.64	282	ePc	00 08.31	-1.7
CKL	2.68	280	eP	00 08.43	-2.0
BGL	2.71	281	eP	00 09.05	-1.8
CTGM	2.71	85	eP	00 09.33	-1.6
DFR	2.86	268	ePd	00 10.44	-2.5
REF	2.89	266	ePd	00 10.91	-2.5
RSO	2.92	265	ePd	00 11.33	-2.5
RS1	2.92	265	ePd	00 11.43	-2.4
RS2	2.92	265	ePd	00 11.38	-2.5
RDW	2.94	266	ePd	00 11.64	-2.5
NCT	2.99	267	eP	00 12.22	-2.5
TRF	3.07	330	eP	00 15.04	-1.0
CDD	3.91	244	eP	00 25.29	-2.4

54 obs. associated

& NOV 20, 1992 11h 20m 39.36s
64.846 N 149.071 W
DEPTH = 21.7km
CENTRAL ALASKA (1)
<AEIC>. ML 2.6 (AEIC), 3.3 (PMR).

NEA	0.27	181	iP	20 45.60	-0.1
MDM	0.38	72	iP	20 47.41	0.0
			iS	20 53.13	
FBA	0.55	84	iPc	20 49.90	-0.3
WRH	0.57	131	eP	20 50.80	0.3
CCB	0.58	110	iP	20 50.86	0.1
GLM	0.73	78	iP	20 53.34	0.0
MLY	0.73	285	iP	20 53.21	-0.2
HDA	1.01	115	iP	20 57.22	-0.9
MCK	1.12	177	eP	20 59.30	-0.5
			eS	21 14.66	
RND	1.45	176	eP	21 04.20	-0.3
			S	21 23.40	
TRF	1.50	201	eP	21 04.95	-0.3
			S	21 25.16	
PRP	1.64	64	eP	21 06.35	-1.0
IMA	2.28	305	eP	21 15.70	-0.8
			S	21 50.04	
PAX	2.47	138	eP	21 18.74	-0.4
DOT	2.50	117	eP	21 20.67	1.2
			S	21 51.67	
TOA	3.04	153	eP	21 29.00	1.7
SML	3.07	173	eP	21 26.74	-0.9
SKT	3.08	202	eP	21 27.06	-0.7
SCM	3.13	165	eP	21 29.19	0.7
PMR	3.27	181	(Pn)	21 30.16	-0.2
			S	22 20.60	
KNK	3.46	175	eP	21 32.31	-0.8
			eS	22 14.86	
SUA	3.48	193	eP	21 33.74	0.2
TTA	3.62	241	ePn	21 38.04	2.5
			S	22 33.33	
PMS	3.62	184	eP	21 36.90	1.4
KLU	3.66	156	eP	21 36.25	0.2
NCG	3.73	203	eP	21 35.96	-1.1
CGLM	3.79	202	eP	21 36.98	-1.0
CRP	3.86	203	ePn	21 37.47	-1.4
			S	22 39.90	
CP2	3.87	203	eP	21 38.58	-0.6
BGL	3.90	204	eP	21 38.66	-0.8
CKN	3.90	203	eP	21 38.71	-0.7
SPU	3.92	202	eP	21 38.77	-0.9
VLZ	3.93	160	eP	21 39.78	0.0
GLB	4.17	143	eP	21 42.11	-1.1
FID	4.28	163	eP	21 45.13	0.3

35 obs. associated

& NOV 20, 1992 11h 49m 55.71s
58.192 N 142.671 W
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
<AEIC>. ML 2.7 (AEIC).

CYK	1.90	3	eP	50 23.85	-4.6
			eS	50 45.51	
KAIM	1.96	333	eP	50 24.69	-4.6
SNH	2.00	358	iP	50 24.98	-4.9
			eS	50 47.87	
YAH	2.23	12	eP	50 28.65	-4.8
			eS	50 53.26	
PNL	2.25	48	iP	50 28.38	-5.2
WAX	2.27	358	eP	50 28.32	-5.5
			eS	50 53.86	
PCA	2.28	32	iP	50 28.98	-5.1
			eS	50 54.69	
HMT	2.30	340	eP	50 29.14	-5.2
HQN	2.34	56	eP	50 29.56	-5.3
			S	50 55.72	
BCPM	2.36	40	eP	50 30.02	-5.1
			eS	50 55.78	

CTGM 2.86 13 eP 50 37.38 -5.0
 HIN 2.96 320 eP 50 38.32 -5.3
 MTU 3.14 307 eP 50 40.59 -5.5
 FID 3.22 324 eP 50 42.19 -5.1
 GLB 3.31 350 eP 50 43.05 -5.6
 KNIM 3.38 312 eP 50 43.73 -5.9
 S 51 21.22
 VLZ 3.48 329 eP 50 44.90 -6.1
 VZW 3.49 327 eP 50 47.47 -3.6
 KLU 3.69 335 eP 50 48.58 -5.6
 MPA 4.13 307 eP 50 53.93 -6.2
 S 51 40.04
 PTE 4.20 312 eP 50 55.02 -6.1
 SCM 4.34 329 eP 50 57.56 -5.7
 SNK 4.35 320 eP 50 58.05 -5.4
 SLKM 4.51 304 eP 50 59.86 -5.7
 S 51 49.39
 SML 4.61 324 eP 51 01.31 -5.7
 PMS 4.64 314 eP 51 02.62 -4.9
 CNPM 4.64 290 eP 51 02.61 -4.9
 S 51 53.41

33 obs. associated

& NOV 20, 1992 11h 50m 59.99s
 58.214 N 142.851 W
 DEPTH = 10.0km
 GULF OF ALASKA (15)
 <AEIC>. ML 3.0 (AEIC).

CYK 1.88 6 eP 51 27.62 -4.8
 S 51 49.66
 KAIM 1.90 335 eP 51 28.64 -4.1
 S 51 48.55
 SNH 1.97 0 eP 51 28.47 -5.4
 S 51 51.51
 YAH 2.23 14 eP 51 32.46 -5.3
 S 51 58.31
 WAX 2.24 360 ePd 51 32.20 -5.6
 HMT 2.25 342 eP 51 33.23 -4.6
 RAGM 2.37 338 eP 51 35.13 -4.5
 TGL 2.55 0 iPd 51 36.82 -5.3
 S 52 04.90
 CROM 2.56 357 eP 51 36.83 -5.5
 SGAM 2.59 333 eP 51 38.39 -4.3
 CVA 2.77 329 eP 51 41.76 -3.4
 BALM 2.84 5 ePd 51 40.92 -5.4
 S 52 13.17
 CTGM 2.87 15 eP 51 40.98 -5.7
 HIN 2.88 321 eP 51 42.29 -4.5
 MTU 3.05 308 eP 51 44.56 -4.6
 S 52 20.07
 LTI 3.16 308 eP 51 46.02 -4.7
 GLB 3.27 352 eP 51 47.15 -5.3
 S 52 23.87
 KNIM 3.30 313 eP 51 47.54 -5.1
 S 52 25.16
 VZW 3.42 328 eP 51 51.40 -3.0
 VLZ 3.42 330 eP 51 48.97 -5.4
 KLU 3.64 336 eP 51 52.62 -4.9
 MPA 4.04 307 eP 51 57.82 -5.3
 PTE 4.12 313 eP 51 58.89 -5.3
 KNK 4.28 321 eP 52 02.34 -4.3
 CNPM 4.55 290 eP 52 06.97 -3.4
 S 52 56.85

25 obs. associated

? NOV 20, 1992 12h 28m 10.81±6.51s
 32.444 S ±40.1km 71.853 W ±31.4km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.5 (SAN).

ROCH 0.88 127 iPd 28 27.91 0.0
 IS 28 37.61
 LCCH 1.06 167 iP 28 30.58 -0.1
 IS 28 42.16
 JACH 1.09 103 iP 28 31.47 0.1
 IS 28 44.68
 PEL 1.21 126 iP 28 33.00 -0.3
 IS 28 46.74
 TACH 1.43 148 eP 28 37.37 0.6
 IS 28 52.17
 LNV 1.55 166 iP 28 37.83 -0.6
 IS 28 57.43
 FCH 1.58 124 iP 28 38.87 -0.4
 IS 28 57.46
 PCH 1.63 137 (P) 28 58.67 19.0X

CHCH 1.79 146 eP 29 58.60
 IS 28 41.38 -0.7
 CACH 1.97 148 iP 29 02.90
 IS 28 46.27 1.6
 IS 29 09.80
 S.D. = 0.8 on 9 of 10 obs.

& NOV 20, 1992 13h 43m 41.32s
 60.083 N 153.055 W
 DEPTH = 109.2km
 SOUTHERN ALASKA (2)
 <AEIC>.

INE 0.02 190 eP 43 55.90 0.7
 eS 44 07.86
 INW 0.04 248 iP 43 55.96 0.8
 ILIM 0.05 93 iP 43 55.79 0.7
 eS 44 08.21
 RED 0.37 23 eP 43 56.93 -0.7
 RS1 0.41 21 iP 43 57.28 -0.7
 eS 44 09.55
 RS2 0.41 21 iP 43 57.26 -0.8
 eS 44 09.54
 RSO 0.41 21 iP 43 57.29 -0.7
 eS 44 10.46
 RDW 0.42 17 eP 43 57.22 -0.8
 eS 44 09.67
 OPT 0.44 192 iP 43 57.37 -0.6
 eS 44 09.67
 REF 0.44 23 iP 43 57.43 -0.8
 eS 44 10.55
 RDN 0.46 18 eP 43 57.58 -0.6
 NCT 0.48 7 iP 43 57.60 -0.7
 eS 44 10.39
 DFR 0.54 20 iP 43 57.82 -0.9
 S 44 11.38
 PDB 0.64 243 eP 43 58.58 -0.8
 eS 44 12.17
 AUL 0.73 195 eP 43 59.55 -0.6
 AUE 0.74 193 eP 43 59.06 -1.1
 AUP 0.75 195 eP 43 59.68 -0.7
 AUW 0.75 197 eP 43 59.76 -0.5
 AUH 0.75 195 eP 43 59.75 -0.6
 AUI 0.77 194 eP 43 59.57 -0.9
 S 44 14.07
 HOM 0.83 120 eP 44 00.43 -0.6
 CNPM 1.08 121 eP 44 02.49 -1.1
 eS 44 18.88
 MCNL 1.11 216 eP 44 02.84 -1.1
 eS 44 19.60
 BRK 1.14 105 eP 44 03.57 -0.7
 eS 44 20.02
 CKL 1.17 17 iP 44 04.07 -0.7
 eS 44 22.21
 CDD 1.20 195 eP 44 03.78 -1.1
 CKT 1.20 20 eP 44 04.09 -0.9
 eS 44 22.38
 SPU 1.21 24 iP 44 04.16 -0.9
 eS 44 22.38
 CKN 1.22 20 eP 44 05.87 0.6
 BGL 1.23 15 eP 44 04.84 -0.5
 CRP 1.27 20 eP 44 04.69 -1.2
 CGLM 1.33 22 eP 44 05.79 -0.8
 eS 44 25.17
 NCG 1.40 18 eP 44 06.81 -0.5
 SLKM 1.47 72 eP 44 07.08 -1.1
 eS 44 26.26
 SYI 1.52 167 eP 44 07.33 -1.3
 SVW 1.63 310 eP 44 08.74 -1.4
 SUA 1.79 38 eP 44 11.64 -0.6
 SEW 1.81 88 eP 44 10.28 -2.0
 MPA 1.88 76 eP 44 11.75 -1.5
 SKT 2.04 21 eP 44 14.92 -0.4
 PMS 2.08 54 eP 44 14.59 -1.2
 PTE 2.14 67 eP 44 14.50 -2.1
 PWA 2.21 43 eP 44 17.13 -0.3
 LTI 2.61 89 eP 44 20.25 -2.5
 KNK 2.62 57 eP 44 20.38 -2.6
 GHO 2.63 48 eP 44 20.94 -2.3
 KNIM 2.67 82 eP 44 20.52 -3.0
 MTU 2.71 90 eP 44 22.25 -1.9
 SML 2.88 51 eP 44 23.84 -2.6
 GLI 3.06 72 eP 44 26.82 -2.0
 HIN 3.28 82 eP 44 29.74 -2.1
 FID 3.33 76 eP 44 29.99 -2.5
 VLZ 3.48 69 eP 44 32.49 -1.9
 KLU 3.77 65 eP 44 35.52 -3.1

54 obs. associated

& NOV 20, 1992 14h 57m 42.70s
 34.410 N 119.807 W
 DEPTH = 13.2km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS), 2.7 (GS).

ABL 0.65 48 ePn 57 54.17 -1.4
 BLG 0.68 116 ePd 57 54.41 -1.6
 BCH 0.81 344 ePn 57 56.99 -1.1
 eS 58 09.47
 SCY 1.16 105 eP 58 01.87 -2.2
 S 58 16.75
 GFP 1.27 102 eP 58 03.54 -2.4
 PVRC 1.36 118 eP 58 05.84 -1.4
 MWC 1.46 97 eP 58 06.69 -2.2
 S 58 25.60
 CIS 1.54 130 eP 58 08.05 -1.8
 PEM 1.62 98 eP 58 09.01 -2.0
 ISA 1.66 41 ePn 58 09.96 -1.7
 eS 58 30.38
 PKEM 1.67 352 (P) 58 16.69 5.0
 SSK 1.76 96 eP 58 11.66 -1.6
 GSC 2.62 69 (P) 58 24.12 -1.4
 PLM 2.67 112 (P) 58 26.40 0.1
 MTUM 3.11 19 (P) 58 31.13 -1.3
 MEMM 3.32 12 (P) 58 34.56 -0.8

16 obs. associated

? NOV 20, 1992 16h 09m 46.44±6.63s
 19.365 N ±48.5km 66.492 W ±16.4km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

LPR 1.20 151 iP 10 09.10 0.2
 S 10 21.20
 CLLP 1.28 184 iP 10 10.50 0.3
 S 10 23.50
 PORP 1.31 186 iP 10 10.30 -0.4
 CPD 1.43 157 iP 10 12.20 -0.2
 MGP 1.46 203 iP 10 13.00 0.1

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

NOV 20, 1992 17h 07m 42.01±0.66s
 40.743 N ±6.1km 30.751 E ±5.1km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.4 (ISK).

EYL 0.49 249 iPg 07 51.50 -0.4
 ISg 08 00.50
 GPA 0.57 217 iPg 07 52.70 -0.8
 ISg 08 04.50
 GBZT 0.99 273 ePn 08 01.60 0.8
 ISg 08 17.90
 YLV 1.06 261 iPn 08 02.50 0.4
 ISK 1.32 285 iPn 08 06.00 -0.4
 ITU 1.36 286 iPg 08 08.00 1.0
 ISg 08 27.00
 ALT 1.76 197 iPn 08 13.20 0.4
 KCT 1.89 256 ePn 08 14.50 -0.2
 DST 1.98 236 ePn 08 16.30 0.3
 BNT 2.19 261 ePn 08 19.00 0.0
 EDC 2.24 261 ePn 08 19.50 -0.1
 KAS 2.37 74 eP 08 21.50 0.0
 DMK 2.50 297 ePn 08 22.40 -1.0
 KHL 2.60 202 ePn 08 25.00 0.2

S.D. = 0.6 on 14 of 14 obs.

? NOV 20, 1992 17h 12m 40.33±3.21s
 5.762 S ±33.5km 147.108 E ±31.7km
 DEPTH = 186.8 ±16.7 km
 4.9mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

LAT 0.90 187 iPc 13 07.80 -0.5
 FINC 1.13 139 eP 13 10.00 0.1
 YYYY 1.23 247 eP 13 12.10 1.1
 MDG 1.42 291 iPc 13 12.20 -0.2
 PMG 3.62 179 iPd 13 35.90 -1.5
 eS 14 21.00
 CTA 14.27 183 iPc 15 57.50 2.2
 WB2 18.78 220 iP 16 46.50 -1.4
 0.5s 38.70nm 5.1mb X
 ASPA 21.88 214 iPc 17 19.10 0.2
 0.3s 11.90nm 4.9mb

20d 17h

S.D. = 1.7 on 8 of 8 obs.

* NOV 20, 1992 18h 40m 18.05±1.21s
36.885 N ±15.0km 29.287 E ± 6.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.2 (ISK).

ELL	0.52	105	iPg	40	28.40	-0.2
			eSg	40	36.90	
YER	0.84	288	iPg	40	34.00	-0.3
BCK	1.19	61	ePn	40	40.80	0.5
CIN	1.19	307	eP	40	41.00	0.7
KHL	1.45	7	ePn	40	43.60	-0.8
ALT	2.26	16	ePn	40	59.00	2.9X

S.D. = 0.9 on 5 of 6 obs.

% NOV 20, 1992 18h 50m 27.49±0.77s
40.397 N ± 7.0km 30.067 E ± 7.3km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.8 (ISK).

EYL	0.18	22	ePg	50	31.50	-0.1
			eSg	50	35.50	
GPA	0.21	120	ePg	50	33.00	0.8
			eSg	50	37.00	
YLV	0.56	288	iPn	50	39.50	0.7
ISK	1.02	311	iPn	50	46.00	-0.7
ALT	1.34	179	ePn	50	51.00	-1.3
DST	1.36	235	ePn	50	53.00	0.5

S.D. = 1.1 on 6 of 6 obs.

% NOV 20, 1992 18h 52m 34.52±2.11s
47.687 N ±13.0km 7.022 E ±15.3km
DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)
ML 2.2 (LDG).

BSF	0.21	313	Pg	52	39.10	-0.1
			Sg	52	45.10	
HAU	0.55	305	Pg	52	45.80	0.0
			Sg	52	56.00	
CDF	0.75	13	Pg	52	49.20	0.0
			Sg	53	02.30	
LOR	2.19	260	Pg	53	12.10	0.7
			Sg	53	40.40	
LBF	2.19	252	Pg	53	10.90	-0.6
			Sg	53	40.10	

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

NOV 20, 1992 18h 53m 02.15±0.62s
57.100 N ± 5.6km 147.535 W ± 2.2km
DEPTH = 10.0km (geophysicist)

GULF OF ALASKA (15)
ML 3.6 (AEIC), 3.6 (PMR).

MID	2.42	15	eP	53	42.80	0.5
			e	53	50.90	
KDC	2.76	286	eP	53	46.23	-0.9
			eS	54	15.81	
MTU	2.90	359	ePc	53	49.66	0.5
LTI	2.95	357	ePc	53	50.34	0.4
			S	54	25.01	
SYI	3.00	302	eP	53	51.05	0.4
CNPM	3.12	323	ePc	53	52.72	0.4
			eS	54	30.00	
SEW	3.18	342	ePc	53	53.22	0.2
			S	54	29.71	
BRK	3.20	328	eP	53	54.05	0.6
			eS	54	30.73	
XLV	3.23	319	eP	53	54.43	0.5
KNIM	3.26	358	iPc	53	54.67	0.3
			S	54	31.57	
KAIM	3.27	29	eP	53	54.73	0.2
HIN	3.35	9	ePc	53	55.75	0.1
HOM	3.36	322	eP	53	55.73	0.1
MPA	3.53	345	ePc	53	58.20	0.1
CVA	3.58	14	ePc	53	58.86	0.1
RAGM	3.62	23	eP	53	59.58	0.2
SGAM	3.62	19	ePc	53	59.95	0.5
HMT	3.67	26	eP	54	00.07	-0.1
SLKM	3.69	339	eP	54	00.41	-0.1
FID	3.70	8	eP	54	00.51	-0.1
CDD	3.73	302	eP	54	01.39	0.3
GLI	3.80	3	eP	54	01.94	0.0
AUE	3.83	309	eP	54	01.38	-1.0

AUI	3.84	308	eP	54	02.86	0.3
AUP	3.85	309	eP	54	03.09	0.3
PTE	3.85	349	ePc	54	02.90	0.2
AUH	3.86	308	eP	54	04.18	1.3
AUL	3.87	309	eP	54	03.73	0.8
AUW	3.88	308	eP	54	03.85	0.8
OPT	3.94	313	ePc	54	04.64	0.6
SNH	3.95	37	ePc	54	03.66	-0.4
VLZ	4.09	8	eP	54	06.51	0.5
ILIM	4.12	319	eP	54	06.28	-0.3
INE	4.15	318	eP	54	06.55	-0.4
WAX	4.15	34	ePc	54	06.37	-0.6
MCNL	4.17	303	eP	54	07.35	0.2
INW	4.18	318	eP	54	07.64	0.3
PMS	4.29	347	eP	54	10.00	1.1
RED	4.30	323	eP	54	09.00	-0.2
CRQM	4.32	30	eP	54	08.88	-0.6
RS1	4.33	323	ePc	54	09.46	-0.2
RSO	4.33	323	ePc	54	09.37	-0.3
RS2	4.33	323	ePc	54	09.39	-0.3
REF	4.33	324	ePc	54	09.14	-0.6
KNK	4.35	354	ePc	54	10.03	0.2
RDW	4.36	323	ePc	54	09.67	-0.5
TGL	4.40	32	eP	54	10.11	-0.5
DFR	4.41	325	ePc	54	10.00	-0.7
PDB	4.42	310	ePc	54	10.24	-0.4
YAH	4.45	40	ePc	54	10.65	-0.8
NCT	4.46	323	eP	54	10.96	-0.5
KLU	4.48	10	ePc	54	11.88	0.2
PLRM	4.58	350	ePc	54	13.66	0.7
PMR	4.58	350	eP	54	12.60	-0.4

SUA	4.68	341	ePc	54	14.31	-0.2
SPU	4.71	332	eP	54	14.75	-0.2
PWA	4.72	346	eP	54	16.50	1.5
GHO	4.74	352	ePc	54	16.05	0.6
GLB	4.76	22	ePc	54	15.32	-0.3
CKT	4.76	332	ePc	54	15.29	-0.5
BALM	4.77	32	ePc	54	15.25	-0.6
CKN	4.78	332	eP	54	15.84	-0.1
CKL	4.79	331	eP	54	15.85	-0.4
CGLM	4.81	333	ePc	54	15.97	-0.4
CRP	4.81	332	eP	54	15.64	-0.8
CP2	4.83	332	eP	54	16.12	-0.6
			S	55	10.82	
PCA	4.85	49	eP	54	16.04	-0.9
BGL	4.86	331	eP	54	16.49	-0.7
NCG	4.92	333	eP	54	17.74	-0.3
PNL	5.00	56	eP	54	17.55	-1.4X
CTGM	5.03	37	iPc	54	18.83	-0.7
BCPM	5.03	52	eP	54	18.25	-1.2X
TOA	5.07	7	eP	54	21.60	1.6
HON	5.14	59	eP	54	18.87	-2.1X
SKT	5.30	339	eP	54	22.95	-0.3
SDG	5.54	10	eP	54	25.72	-0.9
SVW	5.79	317	eP	54	28.25	-1.9X
			S	55	34.31	
PAX	5.98	9	eP	54	34.15	1.3
TRF	6.52	349	eP	54	41.06	0.5
SIT	6.66	85	(P)	54	45.25	2.9X
TTA	7.22	328	eP	54	48.78	-1.6
FBA	7.83	359	eP	54	55.47	-3.3X
IMA	9.46	345	eP	55	19.23	-2.2X
			S	57	05.25	
ANM	11.44	318	(P)	55	47.75	-0.7
DPW	19.97	105	eP	57	38.34	1.2
			i	57	45.46	
MBC	21.76	18	eP	58	06.00	10.8X
	1.0s	12.00nm				
SES	22.39	92	eP	58	06.00	4.3X
MHAI	26.06	107	(P)	58	41.27	4.0X
RSSD	29.95	97	(P)	59	20.00	7.4X
	0.8s	4.01nm				

S.D. = 0.6 on 78 of 89 obs.

? NOV 20, 1992 19h 43m 04.19±4.44s
40.233 N ± 9.8km 27.731 E ±32.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.3 (ISK).

EDC	0.15	42	iPg	43	08.00	0.2
			iSg	43	15.00	
BNT	0.19	50	iPg	43	08.10	-0.3
			iSg	43	15.10	
KCT	0.48	88	ePg	43	14.00	0.1
DST	0.93	132	ePn	43	22.00	0.0

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

% NOV 20, 1992 19h 59m 21.40±0.70s
42.456 N ± 5.4km 19.367 E ± 4.8km
DEPTH = 18.9 ± 14.0 km

NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

TTG	0.08	252	iPg	59	25.14	0.1
			iSg	59	28.10	
BDV	0.43	247	iPg	59	30.21	-0.1
			iSg	59	37.26	
NKY	0.45	323	iPg	59	30.39	-0.2
			iSg	59	37.63	
PVY	0.47	73	iPg	59	30.84	-0.1
			iSg	59	38.39	
ULC	0.50	190	iPg	59	31.45	0.0
			iSg	59	39.41	
IVA	0.57	43	iPg	59	32.75	0.1
			iSg	59	41.53	
HCY	0.64	270	iPg	59	33.89	0.1
			iSg	59	43.70	
BRY	0.75	307	iPg	59	35.83	0.1
			iSg	59	47.21	
PLE	0.87	1	iPg	59	37.95	0.1
			iSg	59	51.18	

S.D. = 0.1 on 9 of 9 obs.

NOV 20, 1992 20h 45m 07.09±0.40s
46.296 N ± 3.8km 7.393 E ± 4.0km
DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)
ML 2.8 (LDG).

DIX	0.22	177	iPc	45	11.90	0.0
EMS	0.39	235	iPc	45	15.00	-0.2
MMK	0.47	121	iPc	45	15.80	-0.8
ORO	0.79	148	Pc	45	22.00	-0.5
			eSn	45	30.70	
LPL	0.91	211	Pg	45	24.50	-0.1
LPG	0.92	210	Pg	45	24.60	-0.2
VAI	1.05	114	P	45	26.80	-0.1
LLS	1.25	62				

MD 3.0 (ATH).

ATH 0.84 94 ePn 29 49.60 0.1
 VLI 1.34 170 ePn 29 56.50 -0.1
 VLS 1.63 276 ePn 30 01.00 0.1
 KZN 2.37 343 ePn 30 11.40 -0.1
 S.D. = 0.2 on 4 of 4 obs.

NOV 20, 1992 21h 51m 55.66 ± 0.87s
 44.403 N ± 6.7km 142.260 E ± 4.3km
 DEPTH = 231.8 ± 9.1 km
 4.4mb (39 obs.)

HOKKAIDO, JAPAN REGION (224)

MAT 8.44 203 iPd 53 53.80 -1.6
 0.6s 33.33nm 4.6mb
 (S) 55 25.00
 MDJ 9.06 276 eP 54 03.50 0.2
 CN2 12.11 273 eP 54 42.40 0.5
 0.8s 4.10nm 3.8mb
 SNY 13.89 266 eP 55 05.60 1.5
 TIA 20.78 255 eP 56 19.50 -0.2
 NJ2 22.05 244 Pc 56 32.50 0.5
 HHC 22.80 272 eP 56 40.20 0.9
 1.0s 7.10nm 4.2mb
 WHN 25.97 247 P 57 09.50 0.9
 1.0s 270.00nm 5.9mb X
 XAN 27.65 260 eP 57 23.40 -0.5
 LZH 30.25 267 eP 57 47.00 0.0
 1.2s 20.00nm 4.7mb
 CD2 33.01 259 eP 58 10.40 -0.5
 SVW 39.44 43 eP 59 05.60 1.3
 IMA 40.13 35 eP 59 08.64 -1.4
 0.7s 8.45nm 4.3mb
 BGL 40.98 42 eP 59 17.20 0.1
 CP2 41.05 42 (P) 59 18.36 0.6
 CRP 41.09 42 eP 59 18.55 0.5
 SLKM 42.14 43 eP 59 25.66 -0.7
 PMS 42.34 42 eP 59 27.00 -0.2
 FBA 42.65 36 eP 59 29.60 -0.8
 0.8s 14.72nm 4.5mb
 TOA 43.78 40 eP 59 40.60 0.9
 KLU 44.02 41 eP 59 41.38 -0.2
 CHG 44.15 249 eP 59 34.70 -8.3X
 BALM 45.81 41 eP 59 55.74 0.0
 GUN 47.48 269 P 00 09.30 -0.2
 KKN 47.98 270 P 00 14.00 0.9
 PKI 48.01 269 P 00 13.60 0.0
 DMN 48.21 270 P 00 15.20 0.2
 GKN 48.31 270 P 00 15.50 -0.2
 MBC 49.31 18 eP 00 21.50 -0.9
 YKA 57.18 33 eP 01 19.10 -1.0
 0.4s 8.40nm 4.8mb
 KAF 62.10 331 iP 01 51.50 -2.0
 0.5s 6.30nm 4.6mb
 GBA 62.65 262 P 01 57.00 -0.7
 NUR 63.79 331 iP 02 02.90 -1.7
 0.4s 13.80nm 5.1mb
 WB2 64.44 188 iPc 02 07.90 -1.2
 0.4s 4.90nm 4.6mb
 NEW 64.50 47 eP 02 09.00 -0.5
 1.0s 13.00nm 4.7mb
 FCC 67.16 28 ePc 02 29.10 3.1X
 HFS 67.66 335 eP 02 27.20 -2.0
 0.4s 6.40nm 4.7mb
 NAO 67.95 337 P 02 29.50 -1.4
 0.7s 6.80nm 4.5mb
 ASPA 68.17 188 eP 02 33.10 0.5
 LRM 68.51 46 eP 02 35.10 0.1
 PTI 70.55 49 (P) 02 48.64 1.4
 TNP 71.04 55 eP 02 50.60 0.3
 0.6s 4.12nm 4.3mb
 BW06 72.11 47 iPc 02 56.61 0.0
 0.7s 3.14nm 4.2mb
 DUG 72.13 51 iPc 02 57.13 0.5
 0.7s 4.22nm 4.3mb
 ULM 73.04 35 eP 03 04.00 2.5
 GSC 73.15 57 (P) 03 02.52 0.0
 EMUT 73.50 50 (P) 03 04.57 -0.1
 RSSD 73.97 43 ePc 03 07.16 -0.1
 0.5s 3.86nm 4.4mb
 SRU 74.16 51 eP 03 08.85 0.4
 CLL 75.04 330 iPc 03 12.40 -0.5
 0.7s 13.00nm 4.8mb
 PV10 75.50 50 iPc 03 16.75 0.6
 PRU 75.55 328 P 03 16.50 0.6
 PV08 75.57 50 eP 03 16.75 0.1

STK 75.92 181 eP 03 22.30 4.4X
 KHC 76.61 328 P 03 22.00 0.2
 GEC2 76.80 328 ePd 03 22.20 -0.7
 0.9s 1.82nm 3.8mb
 GRF 77.02 330 iPc 03 24.80 0.8
 0.9s 11.00nm 4.6mb
 CDF 79.49 331 eP 03 37.40 -0.1
 0.8s 4.05nm 4.2mb
 BSF 80.16 331 eP 03 41.30 0.2
 0.6s 2.55nm 4.1mb
 HAU 80.16 332 eP 03 41.70 0.7
 1.0s 11.60nm 4.6mb
 LOR 81.63 333 eP 03 48.40 -0.3
 0.7s 4.50nm 4.3mb
 FLN 81.64 336 eP 03 48.30 -0.4
 0.4s 2.35nm 4.3mb
 LDF 81.69 336 eP 03 48.60 -0.3
 0.7s 4.50nm 4.3mb
 LBF 81.84 333 eP 03 49.40 -0.4
 0.9s 5.90nm 4.3mb
 SSF 81.93 333 eP 03 50.10 -0.1
 1.0s 6.20nm 4.3mb
 GRR 82.09 336 eP 03 51.00 0.0
 0.9s 9.65nm 4.5mb
 LPL 82.17 330 eP 03 52.20 0.4
 0.8s 6.05nm 4.4mb
 LPG 82.18 330 eP 03 52.30 0.4
 0.8s 7.00nm 4.4mb
 SMF 82.18 333 eP 03 51.60 0.1
 1.0s 9.00nm 4.5mb
 AVF 82.22 333 eP 03 51.80 0.1
 0.7s 5.30nm 4.4mb
 LPF 82.47 336 eP 03 53.20 0.3
 1.1s 20.50nm 4.8mb
 MAF 82.97 333 eP 03 56.30 0.7
 0.5s 6.40nm 4.6mb
 TCF 83.03 333 eP 03 56.10 0.2
 1.1s 8.80nm 4.4mb
 LSF 83.28 334 eP 03 57.40 0.3
 0.9s 12.80nm 4.7mb
 MFF 83.49 335 eP 03 58.60 0.5
 0.8s 8.35nm 4.5mb
 WMOK 83.70 46 eP 03 59.56 0.1
 0.6s 3.21nm 4.3mb
 SIV 145.48 42 PKP 11 12.40 4.8X
 BAO 150.03 20 PKPd 11 20.00 5.1X
 e 11 27.20

S.D. = 0.8 on 73 of 78 obs.

* NOV 20, 1992 23h 01m 32.78 ± 2.63s
 43.076 N ± 20.0km 20.819 E ± 15.6km
 DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 2.3 (TTG).

IVA 0.71 253 iPd 01 45.87 -0.9
 iSg 01 54.00
 PVY 0.79 233 iPgc 01 47.60 -0.6
 iSg 01 58.05
 PLE 1.07 284 iPd 01 52.19 -0.9
 iSg 02 05.42
 SKO 1.20 157 e(P) 01 55.50 0.4
 iSg 01 56.50
 TTG 1.32 241 iPgc 01 56.79 -0.3
 iSg 02 14.30
 NKY 1.36 259 iPd 01 57.16 -0.7
 iSg 02 15.05
 ULC 1.61 227 iPgc 02 03.84 2.5X
 iSg 02 25.12
 BDV 1.67 242 iPgc 02 04.00 1.8
 iSg 02 25.61
 BRY 1.68 265 iPd 02 02.92 0.5
 iSg 02 25.32
 HCY 1.82 251 iPd 02 06.27 1.9
 iSn 02 29.35
 OHR 1.96 180 e(P) 02 05.30 -1.2

S.D. = 1.3 on 10 of 11 obs.

NOV 20, 1992 23h 07m 17.10 ± 0.81s
 50.167 N ± 3.9km 143.552 E ± 3.3km
 DEPTH = 37.2 ± 7.9 km
 5.0mb (75 obs.) 4.3Msz (4 obs.)

SAKHALIN ISLAND (662)

Felt (IV) ot Aleksandrovsk-Sokholinskiy, Pogronichnoye, Tikhmenevo and Vakhrushev; (III) ot Uglegorsk.

YSS 3.20 190 iPdnd- 08 06.00 -0.2
 eS 08 47.00
 KUR 5.73 148 Pn 08 30.00 -11.9X
 Z 12s 3.70um
 N 12s 8.00um
 E 12s 5.30um
 ASAJ 6.08 186 eP 08 45.30 -1.7
 KUSJ 7.12 173 P 08 59.80 -1.6
 HOOJ 7.79 181 eP 09 12.60 1.8
 MRRJ 7.93 193 eP 09 02.10 -10.7X
 MGD 10.78 20 ePn 09 55.00 3.1X
 Z 14s 1.60um
 N 14s 2.00um
 MDJ 10.97 245 eP 09 56.30 1.8
 Z 12s 6.63um
 N 10s 2.22um
 E 10s 4.76um
 S 12 06.00
 SEY 13.65 17 eP 10 31.50 1.3
 2.0s 132.00nm 5.4mb
 CN2 13.89 250 eP 10 36.00 2.6
 1.3s 94.00nm 5.4mb
 Z 10s 4.29um
 N 10s 1.77um
 E 10s 1.86um
 eP 10 40.00
 eS 13 08.00
 YAK 14.12 332 eP 10 34.70 -1.7
 2.0s 70.00nm 5.0mb
 MAT 14.16 198 eP 10 35.00 -2.0
 eS 13 42.00
 SNY 16.16 247 eP 11 06.00 3.2X
 1.6s 170.00nm 4.9mb
 Z 14s 3.89um 4.4Msz
 pP 11 13.00
 BOD 18.77 305 eP 11 35.20 -0.1
 1.2s 25.00nm 4.3mb
 CIT 18.85 287 eP 11 37.00 0.7
 DL2 19.18 242 P 11 39.40 -0.9
 1.0s 88.00nm 5.0mb
 Z 13s 2.44um 4.0MszX
 N 10s 3.08um
 E 10s 2.83um
 BJI 21.70 253 eP 12 06.00 -0.5
 1.4s 48.00nm 4.7mb
 Z 16s 2.34um 4.7MszX
 N 12s 1.65um
 PP 12 33.00
 PcP 16 08.00
 TIK 22.56 348 iPc 12 12.00 -2.7
 1.7s 130.00nm 5.1mb
 Z 14s 1.00um 4.4MszX
 i 12 38.00
 i 12 47.00
 TIA 23.63 244 eP 12 27.00 1.5
 HHC 24.12 260 Pc 12 31.80 1.5
 1.8s 68.00nm 4.9mb
 Z 14s 3.07um 4.9MszX
 E 10s 2.03um
 S 16 45.00
 IRK 24.47 290 eP 12 35.10 1.6
 1.8s 60.00nm 4.8mb
 Z 11s 2.90um 5.0MszX
 N 13s 1.12um
 E 11s 2.94um
 BTO 25.23 261 eP 12 41.00 0.0
 N 10s 2.76um
 E 10s 4.23um
 eS 17 08.00
 SSE 25.35 230 Pd 12 42.00 0.0
 1.0s 80.00nm 5.3mb
 Z 14s 1.30um 4.6MszX
 TIY 25.43 253 eP 12 43.00 0.1
 Z 10s 3.18um 5.1MszX
 N 10s 2.30um
 ZAK 25.52 286 iPd 12 45.30 1.8
 1.3s 112.00nm 5.3mb
 E 15s 2.98um
 ILT 25.68 32 iPc 12 44.00 -0.7
 NJ2 25.77 235 Pc 12 46.60 0.7
 1.2s 31.00nm 4.8mb
 N 11s 2.93um
 XAN 29.99 251 eP 13 23.60 -0.7
 Z 14s 1.47um 4.8MszX
 UER 30.78 292 eP 13 31.00 0.1
 LZH 31.81 259 Pc 13 40.00 -0.4
 1.5s 46.00nm 5.1mb

	Z	15s		1.49um		4.8Mszx
				sP	13 55.00	
NRI		32.30	327	iPd	13 42.00	-2.1
		1.5s		43.00nm		5.1mb
	Z	14s		2.50um		5.1Mszx
	E	12s		1.30um		
				e	13 53.00	
GTA		32.42	268	eP	13 45.60	0.0
		1.0s		6.00nm		4.4mb
	Z	11s		3.46um		5.3Mszx
	E	10s		1.76um		
				pP	13 52.50	24kmX
				sP	13 56.20	
				PcP	16 32.50	
				eS	18 57.60	
TTA		34.30	45	eP	14 01.80	0.2
SVW		34.75	48	ePc	14 05.91	0.4
		0.9s		23.18nm		5.1mb
ELT		34.82	298	iPd	14 06.80	0.8
		1.5s		49.00nm		5.2mb
	Z	12s		3.40um		5.3Mszx
	N	14s		0.90um		
	E	12s		2.70um		
				e	15 19.00	
IMA		34.99	39	eP	14 07.06	-0.6
		0.7s		4.70nm		4.5mb
CD2		35.30	252	eP	14 10.00	-0.5
	Z	15s		1.33um		4.8Mszx
NVS		36.01	301	iPc	14 16.00	-0.2
		1.6s		83.00nm		5.4mb
				e	15 33.00	
				e	15 52.50	
				i	16 41.80	
BGL		36.26	47	ePc	14 19.06	0.8
CRP		36.37	47	ePd	14 20.34	1.0
UKR		36.50	295	eP	14 21.00	0.7
		1.4s		26.00nm		4.9mb
GYA		36.83	244	P	14 23.00	-0.5
		1.0s		21.00nm		5.0mb
				sP	14 42.00	
SLKM		37.46	48	(P)	14 28.00	-0.4
FBA		37.58	41	ePc	14 29.24	0.0
		1.0s		9.50nm		4.6mb
PMS		37.59	47	eP	14 29.60	0.2
PMR		37.71	46	(P)	14 31.13	0.8
WMQ		37.85	282	P	14 32.50	0.7
		1.0s		14.00nm		4.8mb
	Z	12s		2.41um		5.2Mszx
	N	12s		1.23um		
	E	11s		2.24um		
KMI		40.13	247	Pc	14 51.00	-0.2
		1.5s		40.00nm		5.0mb
	Z	10s		1.90um		5.2Mszx
	N	10s		1.60um		
	E	10s		0.80um		
PLP		41.79	208	ePc	15 04.30	-0.3
MBC		43.57	20	eP	15 19.50	1.0
BRVK		43.76	303	iPc	15 20.00	-0.2
		1.0s		32.00nm		5.0mb
	Z	12s		1.22um		5.0Mszx
	N	14s		0.35um		
	E	12s		0.73um		
LSA		44.04	263	eP	15 24.20	0.8
		1.4s		26.00nm		4.8mb
FRU		46.47	289	eP	15 42.80	0.7
		1.5s		50.00nm		5.2mb
SVE		46.91	312	iPc	15 45.00	-0.3
		1.5s		60.00nm		5.3mb
	Z	14s		1.10um		5.0Mszx
	N	14s		0.50um		
	E	14s		1.00um		
				e	17 35.00	
CHG		47.22	245	ePd	15 48.80	0.6
		1.0s		25.75nm		5.2mb
KSH		47.57	284	P	15 52.00	1.0
		1.2s		40.00nm		5.3mb
	Z	12s		1.23um		5.1Mszx
	N	10s		1.15um		

PKI	49.17	265	P	16	03.30	-0.4
DMN	49.33	266	P	16	04.36	-0.5
GKN	49.36	266	P	16	04.76	-0.2
YKA	51.91	35	eP	16	22.50	-1.2
	1.0s	4.50nm				4.4mb
NDI	53.67	273	iPd	16	37.70	0.5
KAF	57.49	330	iP	17	03.40	-1.0
	0.9s	12.20nm				5.0mb
PUL	57.85	327	(P)	17	05.50	-1.4
	2.0s	80.00nm				5.4mb
Z	15s	0.50um				4.7MszX
E	15s	0.50um				
		e		17	12.00	
		e		25	25.00	
OBN	58.74	320	iPd	17	12.00	-1.2
Z	14s	1.40um				5.2MszX
N	14s	0.90um				
E	12s	0.80um				
QUE	59.19	281	eP	17	16.20	-0.7
NUR	59.22	330	iP	17	15.30	-1.2
	0.5s	7.20nm				5.1mb
ASH	59.24	294	eP	17	17.00	0.1
	1.4s	100.00nm				5.8mb
KAT	59.62	296	eP	17	22.00	2.5
		eS		25	24.00	
MAIO	59.66	291	iPd	17	20.80	0.9
LGPM	62.04	59	ePc	17	37.12	1.0
LBFM	62.26	58	ePc	17	38.45	0.8
HFS	62.83	334	eP	17	39.40	-1.4
	0.5s	10.50nm				5.2mb
Z	16s	169.00um				7.3MszX
		LR		43	16.00	
NAD	63.01	336	P	17	40.90	-1.2
	0.7s	9.20nm				5.0mb
MNK	63.22	323	eP	17	40.00	-3.5X
PYA	63.52	308	iP	17	45.50	-0.1
Z	20s	1.00um				5.0MszX
ORV	63.72	59	eP	17	46.01	-1.0
LRM	63.98	49	eP	17	49.10	0.1
GBA	64.40	260	P	17	52.00	0.4
CMB	65.40	60	eP	17	58.66	0.7
	1.3s	23.35nm				5.1mb
ERE	65.50	304	iP	18	04.00	5.3X
	1.5s	14.00nm				4.8mb
KVN	65.93	58	eP	18	02.68	1.1
MEMM	66.47	59	(P)	18	08.18	3.5X
BONR	66.61	58	eP	18	06.38	0.3
ULM	67.84	37	eP	18	15.00	1.8
DUG	67.90	53	iPc	18	14.50	0.5
	1.4s	16.89nm				4.9mb
KIS	68.00	318	iPd	18	13.00	-1.2
	1.0s	100.00nm				5.9mb
Z	16s	1.10um				5.2MszX
		i		18	30.00	
OJC	69.06	325	eP	18	40.20	19.4X
		e		18	41.50	
RSSD	69.23	45	eP	18	22.03	-0.1
	1.0s	11.69nm				4.9mb
MSU	69.48	54	eP	18	23.96	0.1
KSP	69.80	327	eP	18	25.00	-0.2
		i		18	29.00	
WB2	70.27	189	eP	18	25.70	-2.7
	0.8s	8.60nm				4.8mb
WRA	70.27	189	P	18	27.10	-1.3
	0.7s	4.40nm				4.6mb
		e		18	57.00	
CLL	70.51	330	iPd	18	29.30	-0.2
	1.5s	41.00nm				5.2mb
BRG	70.57	329	eP	18	28.70	-1.2
	1.3s	23.00nm				5.1mb
PSZ	70.92	324	ePc	18	32.00	-0.2
PRU	71.12	328	P	18	33.20	-0.1
Z	12s	0.60um				5.1MszX
PV10	71.20	52	eP	18	34.90	0.6
EKA	71.26	341	P			

GRF	72.48	330	iPc	18 45.30	0.6
	1.4s	50.00nm		18 42.00	5.3mb
Z	21s	0.20um			4.4Msz
ENN	73.15	333	eP	18 46.20	-0.3
	1.3s	29.00nm		18 45.00	5.1mb
ASPA	74.00	189	iPd	18 50.10	-0.4
	0.9s	24.40nm			5.2mb
KBA	74.02	327	iPd	18 51.20	0.6
	0.7s	17.50nm			5.1mb
DZM	74.72	158	iPd	18 55.40	1.2
CDF	74.85	332	iPc	18 56.00	-0.3
	1.1s	14.15nm			4.9mb
HAU	75.49	332	eP	18 58.40	-0.5
Z	19s	0.13um			4.2Msz
BSF	75.51	332	eP	18 58.50	-0.6
	1.2s	14.90nm			4.8mb
RMO	76.45	175	iPd	19 05.30	0.9
FLN	76.72	336	eP	19 05.40	-0.3
	1.1s	24.40nm			5.1mb
Z	17s	0.13um			4.3Msz
EEO	76.76	29	eP	19 08.50	2.5
LDF	76.78	336	eP	19 05.90	-0.2
	1.2s	22.90nm			5.1mb
LOR	76.89	333	iPc	19 06.40	-0.4
	1.0s	11.20nm			4.8mb
Z	19s	0.15um			4.3Msz
LBF	77.12	333	iPc	19 07.50	-0.5
	1.1s	13.65nm			4.9mb
GRR	77.16	337	eP	19 08.20	0.0
	1.3s	41.90nm			5.3mb
SSF	77.18	333	iPc	19 08.00	-0.3
	0.8s	5.50nm			4.6mb
SMF	77.46	333	iPc	19 09.80	-0.1
	1.2s	26.20nm			5.1mb
AVF	77.47	333	iPc	19 09.80	-0.1
	1.3s	33.20nm			5.2mb
LPF	77.54	337	eP	19 10.40	0.2
	1.3s	61.00nm			5.5mb
LPL	77.60	330	eP	19 11.30	0.4
	1.0s	8.20nm			4.7mb
LPG	77.61	330	eP	19 11.50	0.4
	1.1s	13.45nm			4.9mb
MAF	78.22	333	eP	19 14.50	0.4
	1.1s	21.50nm			5.1mb
TCF	78.26	334	iPc	19 14.50	0.2
LSF	78.49	334	iPc	19 15.60	0.1
MFF	78.62	335	eP	19 16.70	0.5
	1.2s	35.70nm			5.2mb
WMOK	79.14	48	eP	19 19.50	0.2
	1.3s	17.19nm			4.9mb
LNO	79.57	45	eP	19 21.00	-0.5
TUL	79.57	45	eP	19 21.70	0.1
	0.8s	8.40nm			4.8mb
LFF	79.91	334	eP	19 23.90	0.7
FVM	80.19	40	(P)	19 24.51	-0.3
	1.0s	7.88nm			4.6mb
LMN	81.25	20	eP	19 33.50	3.2X
ELC	81.28	40	eP	19 29.69	-0.9
OLY	81.84	42	eP	19 33.67	0.1
TOL	85.92	336	eP	19 56.50	2.3
SIV	140.53	39	(PKP)	26 36.00	-8.3X
		e	26 44.00		
YJA	143.94	50	e(PKP)	26 45.10	-5.5X
S.D. = 1.0 on 131 of 143 obs.					
<hr/>					
? NOV	20, 1992	23h	29m	38.27±0.91s	
	38.327 N	±10.7km		22.519 E	±10.6km
	DEPTH =	33.0km	(normal)		
GREECE					(364)
MD 3.0 (ATH).					
ATH	1.01	110	ePb	29 56.50	0.4
VLS	1.53	265	ePn	30 03.90	0.4
VLI	1.64	168	ePn	30 04.70	-0.5
KZN	2.06	344	ePn	30 11.00	-0.3
S.D. = 0.8 on 4 of 4 obs.					

SOH	0.69	290	ePg	17	03.68	-0.1	BRY	6.53	342	iPnc	25	22.01	-1.8	GKN	77.36	35	P	41	43.20	-0.6
			iSg	17	11.80					iSn	26	28.15		KKN	77.46	36	P	41	43.84	-0.5
SRS	0.71	319	ePg	17	04.08	0.0	PLE	6.78	349	iPnc	25	27.21	0.0	GUN	77.83	36	P	41	46.64	0.0
			eSg	17	12.92					iSn	26	36.76		SHL	78.75	42	iPc	41	51.50	0.0
PAIG	0.77	212	iPg	17	04.84	-0.3	DUI	7.22	315	P	25	34.30	0.9	BAO	82.42	256	Pd	42	12.00	0.0
			eSg	17	14.92		SDI	7.62	313	P	25	38.20	-0.7				e	42	16.50	
VAY	1.44	301	ePn	17	16.30	0.1	AQU	8.27	316	P	25	48.00	1.0	VR1	87.57	347	ePd	42	36.50	0.5
	S.D. = 0.3	on	5 of	5 obs.			ASS	9.15	317	P	26	01.40	1.5	FCC	148.60	319	ePKP	49	38.50	7.5
							ARV	9.29	320	P	26	01.30	-0.5	MEO	150.93	270	iPKPc	49	40.50	5.1
NOV 21, 1992 00h	23m	48.13	± 0.71s				MLR	9.48	21	eP	26	09.00	4.5X	ULM	151.29	303	ePKPd	49	43.90	8.5
36.693 N ± 6.0km	21.220 E ± 3.6km						CRE	9.91	317	P	26	11.50	1.2	IMA	152.24	16	ePKP	49	43.80	7.3
DEPTH = 66.0 ± 6.9 km							PTJ	10.01	338	iPn	26	09.00	-2.6X				0.9s	11.10nm		
4.1mb (10 obs.)										i(Sn)	27	45.50		YKA	154.87	338	ePKP	50	03.60	23.6
SOUTHERN GREECE				(368)			CEY	10.38	333	eP	26	15.00	-1.6				0.9s	2.50nm		
										eS	28	07.00					S.D. = 0.8	on	13 of	20 obs.
VLI	1.38	88	ePb	24	11.64	-0.1	LJU	10.60	334	eP	26	18.50	-1.1							
VLS	1.56	341	ePb	24	15.00	1.5				eS	28	14.00								
ATH	2.36	57	ePn	24	24.60	-0.8	TRI	10.61	330	eP	26	17.30	-2.3							
AGG	2.49	20	iPn	24	29.16	2.1				e	27	05.70								
			eSn	24	58.12					e	28	06.10								
IGT	2.92	346	iPn	24	34.26	1.1				e	28	16.50								
			iSn	25	10.12		VOY	10.83	332	eP	26	21.30	-1.4							
KEK	3.22	340	ePn	24	38.10	0.8				eS	28	17.50								
			eSn	25	18.00		RBL	11.29	332	Pd	26	28.10	-0.8							
SRN	3.32	344	ePn	24	40.30	1.5	FVI	11.73	330	P	26	34.90	0.3							
			i(Sn)	25	18.00		BHG	12.63	333	iPc	26	48.40	1.8							
LIT	3.55	16	iPn	24	42.88	0.9	GEC2	13.33	338	Pn	26	54.20	-1.7							
			eSn	25	24.79					Sn	29	15.30								
KZN	3.63	7	ePn	24	45.70	2.5X	KHC	13.62	338	eP	26	59.50	-0.2							
TPE	3.72	346	iPnd	24	44.50	0.1				e	27	10.00								
PAIG	3.76	30	iPn	24	44.96	0.0				e	27	30.00								
VLO	4.00	341	ePn	24	49.00	0.7	PRU	14.14	342	eP	27	09.00	2.6X							
FNA	4.09	2	iPn	24	50.32	0.7	CLL	15.75	341	e(P)	27	34.00	7.0X							
			iSn	25	38.24		WLF	16.95	325	P	27	48.00	5.9X							
THE	4.16	19	iPn	24	50.16	-0.4	DOU	17.98	323	P	27	59.10	4.2X							
			iSn	25	39.12					0.7s	8.90nm	4.1mb								
OUR	4.23	30	iPn	24	51.32	-0.2	OBN	21.21	25	iPc	28	29.60	-0.3							
SOI	4.34	290	Pc	24	53.30	0.2				0.9s	31.00nm	4.7mb								
OHR	4.42	356	iPn	24	55.00	0.7	NUR	23.94	4	eP	28	57.50	0.9							
	1.5s	600.00nm								0.7s	7.90nm	4.3mb								
							HFS	23.95	351	eP	28	57.20	0.4							
										0.4s	1.80nm	3.9mb								
SOH	4.45	21	iPn	24	55.00	0.3	Z	16s	67.00um		6.2mszX									
			eSn	25	47.04					LR	38	32.00								
VAY	4.74	12	iPn	24	59.40	0.7	EKA	24.96	326	P	29	11.00	4.5X							
MSI	4.75	290	P	24	58.30	-0.6				0.9s	6.80nm	4.1mb								
TIR	4.77	348	ePn	24	59.50	0.4	NAO	25.04	348	P	29	09.20	2.0							
			iSn	25	55.20					0.7s	2.90nm	3.9mb								
SRS	4.79	22	iPn	24	59.20	-0.2	KAF	25.64	6	iP	29	15.00	2.2							
ATN	4.81	289	Pd	24	59.90	0.2				0.6s	5.40nm	4.2mb								
TDS	4.85	369	P	25	00.20	-0.1	BCAO	32.20	185	iPd	30	13.50	1.6							
PHP	5.02	353	ePn	25	07.00	4.3X				0.5s	3.00nm	4.4mb								
			iSn	26	02.00		GKN	53.42	80	P	33	02.92	-0.6							
MEU	5.06	276	P	25	02.20	-1.1				0.6s	18.00nm	5.3mb X								
LACI	5.07	347	iPnc	25	03.00	-0.4	DMN	53.97	80	P	33	07.42	-0.3							
			iSn	26	00.60		KKN	54.03	80	P	33	07.24	-0.8							
IZM	5.09	69	iP	25	14.00	10.2X	PKI	54.23	80	P	33	09.34	-0.4							
BRT	5.22	324	P	25	05.30	-0.2	GUN	54.45	79	P	33	10.82	-0.5							
			eSn	26	01.60		SLR	62.45	173	eP	34	24.00	17.4X							
MMB	5.26	21	iP	25	05.00	-1.1	BLF	65.62	175	iPd	34	18.70	-0.5X							
SKO	5.28	2	ePn	25	08.00	1.8	CER	69.72	182	iPc	34	41.00	-11.6X							
			i	25	11.00					1.0s	60.00nm									
			i(Sn)	26	05.20		YKA	74.97	340	eP	35	26.20	2.7X							
MNO	5.35	285	Pd	25	07.50	0.1				0.8s	1.20nm	3.9mb								
KKB	5.37	15	iP	25	07.00	-0.5	IMA	77.49	358	eP	35	43.00	5.4X							
ULC	5.48	344	iPnd	25	08.01	-1.1				0.7s	1.31nm	4.0mb								
			iSn	26	03.45					S.D. = 1.1	on	71 of	86 obs.							
MGR	5.62	309	P	25	10.90	-0.2														
RZN	5.68	27	iP	25	11.00	-1.0														
BCI	5.74	351	iPnd	25	13.00	0.3														
			iSn	26	15.00															
BDV	5.88	342	iPnc	25	13.00	-1.6														
			iSn	26	12.23															
TTG	5.93	346	iPnd	25	14.58	-0.7														
			iSn	26	15.15		CRZF	7.64	143	eP	31	48.00	7.1X							
KDZ	5.93	32	iP	25	15.00	-0.3	CIR	22.64	325	iPc	34	51.00	1.5X							
PVY	5.97	351	iPnc	25	16.33	0.3				iPp	34	57.20	22kmX							
			iSn	26	18.89		BUL	24.77	320	eP	35	10.00	-0.4							
SGO	6.03	312	P	25	17.00	0.3	SPA	49.69	180	iPc	38	39.80	-1.1							
VTS	6.09	14	iP	25	18.00	0.3				0.7s	11.72nm	5.0mb								
HCY	6.12	341	iPnc	25	16.10	-1.9	GBA	61.56	36	P	40	06.00	-0.8							
			iSn	26	17.26		WRA	76.67	105	P	41	41.00	0.9							
IVA	6.25	351	iPnd	25	20.39	0.5				0.6s	0.90nm	4.0mb								
			iSn	26	25.39		WB2	76.68	105	eP	41	40.30	0.2							
NKY	6.35	345	iPnd	25	19.85	-1.4				1.1s	3.00nm	4.3mb								
			iSn	26	24.96		DMN	77.22	36	P	41	44.42	1.3							
							PKI	77.33	36	P	41	43.36	-0.5							

NOV 21, 1992 01h 14m 09.43±0.47s
37.968 N ± 6.9km 66.541 E ± 6.5km
DEPTH = 10.0km (geophysicist)
4.5mb (20 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG.(717)

MAIO 5.87 256 iPd 15 36.40 -2.3
0.8s 34.77nm 5.1mb
eSn 17 03.00
ASH 6.47 272 ePn 15 38.50 -8.6X
KSH 7.53 76 Pn 16 02.50 0.5
Sn 17 30.10
QUE 7.77 177 eP 16 06.60 1.2
KAT 8.14 282 eP 16 07.00 -3.4X
NDI 12.85 133 eP 17 08.00 -6.9X
BRVK 15.31 9 iPd 17 45.00 -2.1

0.6s 84.00nm 5.3mb
Z 16s 0.82um 5.6msz
N 16s 0.56um
E 14s 0.30um

WMO 17.01 63 eP 18 09.00 0.0
MTA 17.10 289 iP 18 13.40 3.4X
GKN 18.12 118 P 18 21.98 -0.9
UKR 18.30 39 eP 18 26.00 1.2
DMN 18.68 118 P 18 28.04 -2.0
KKN 18.70 117 P 18 28.66 -1.4
PYA 18.70 296 eP 18 28.00 -1.9
PKI 18.92 118 P 18 31.28 -1.7
GUN 19.05 116 P 18 34.78 0.3
ARU 19.19 346 eP 18 35.50 -0.2

19.26 350 ePc 18 36.10 -0.5
NVS 20.34 29 eP 18 46.50 -1.8
1.6s 23.00nm 4.3mb

i 19 10.70
eS 22 38.00
e 23 19.60

ELT 20.48 35 iPc 18 49.30 -0.5
1.0s 24.00nm 4.5mb

e 22 39.00
e 22 40.00

LSA 22.00 105 eP 19 07.00 1.8
UER 23.64 46 eP 19 24.00 3.5X
1.0s 10.00nm 4.3mb

SHL 24.75 113 eP 19 32.00 -0.6
GTA 25.93 76 eP 19 49.40 5.8X
0.5s 6.00nm 4.5mb

pP 19 53.00 13kmX
sP 19 56.00

GBA 26.13 155 P 19 47.30 1.9
ZAK 28.82 53 eP 20 13.00 3.4X
0.5s 6.00nm 4.6mb

KAF 34.47 320 eP 21 00.20 1.1
0.5s 2.00nm 4.3mb

NUR 34.56 324 eP 21 00.50 0.6
0.6s 4.10nm 4.5mb

BOD 36.64 41 iPd 21 17.00 0.3
HFS 39.71 321 eP 21 43.60 0.4
0.5s 2.20nm 4.1mb

Z 16s 59.00um 6.5mszX
LR 37 29.00

NAO 41.21 322 P 21 55.00 0.2
0.6s 1.80nm 4.0mb

LPG 44.34 300 eP 22 27.00 6.3X
0.8s 4.45nm 4.4mb

SMF 46.07 302 eP 22 37.70 2.6X
0.7s 5.30nm 4.6mb

AVF 46.36 302 eP 22 40.00 2.7X
0.6s 3.80nm 4.6mb

LDF 48.24 305 eP 22 52.90 0.8
0.6s 3.45nm 4.6mb

FLN 48.43 305 eP 22 54.50 0.9
0.7s 4.20nm 4.6mb

GRR 48.76 305 eP 22 59.20 3.1X
0.7s 7.30nm 4.8mb

IMA 71.75 16 eP 25 34.90 1.4
0.7s 1.31nm 4.1mb

FBA 73.99 14 eP 25 49.00 2.5
0.8s 5.52nm 4.6mb

WRA 85.80 119 P 26 51.00 0.6
0.9s 0.70nm 3.8mb

S.D. = 1.4 on 29 of 40 obs.

NOV 21, 1992 01h 31m 02.24±0.31s
44.562 N ± 2.6km 7.456 E ± 3.8km
DEPTH = 20.3 ± 6.8 km

NORTH-ERN ITALY
ML 2.2 (LDG).

(545)

PZZ 0.26 257 Pd 31 08.56 0.1
S 31 12.44

BHB 0.31 334 Pc 31 09.54 0.4
S 31 14.00

STV 0.33 197 Pd 31 09.19 -0.4
S 31 13.57

ENR 0.34 184 Pd 31 09.34 -0.3
S 31 13.68

ROB 0.40 132 Pc 31 11.08 0.4
S 31 17.01

RRL 0.60 307 P 31 14.34 0.3
S 31 22.34

RSP 0.61 347 Pd 31 13.82 -0.3
S 31 21.42

FIN 0.64 123 Pc 31 14.98 0.2
S 31 23.41

SBF 0.70 181 Pg 31 15.20 -0.5
Sg 31 23.90

IMI 0.72 154 Pc 31 16.03 0.0
S 31 25.57

PCP 0.78 91 P 31 17.61 0.6
S 31 28.09

LSO 0.92 347 P 31 19.47 -0.1
S 31 30.73

LPG 1.06 332 Pg 31 22.40 0.4
Sg 31 35.30

LPL 1.08 332 Pg 31 22.70 0.4
Sg 31 35.40

ORX 1.13 19 P 31 21.65 -1.4
S 31 35.25

FRF 1.16 211 Pg 31 23.20 -0.1
Sg 31 37.50

LRG 1.36 216 Pg 31 26.10 0.0
Sg 31 42.70

LMR 1.41 209 Pg 31 27.00 0.2
Sg 31 44.10

S.D. = 0.5 on 18 of 18 obs.

NOV 21, 1992 02h 14m 16.11±0.97s
40.613 N ± 7.9km 22.801 E ± 7.1km
DEPTH = 10.0km (geophysicist)

GREECE (364)

THE 0.13 81 iPg 14 18.94 -0.2
eSg 14 21.42

GRG 0.46 319 ePg 14 25.30 -0.1
eSg 14 32.18

SOH 0.47 63 ePg 14 25.50 -0.2
iSg 14 32.70

VAY 0.73 346 ePn 14 30.50 0.1
ePg 14 31.74 0.4

SRS 0.78 50 ePg 14 45.10
eSg 14 45.90

OUR 0.94 107 ePg 14 33.90 -0.2
eSg 14 48.02

PAIG 0.96 135 ePg 14 34.58 0.2
eSg 14 48.14

S.D. = 0.3 on 7 of 7 obs.

& NOV 21, 1992 02h 21m 43.20s
34.830 N 97.680 W
DEPTH = 5.0km (geophysicist)

OKLAHOMA (499)
<TUL>. mbLg 2.2 (TUL).

OCO 0.71 14 iPd 21 56.50 -0.9
WMOK 0.91 265 ePg 21 59.86 -1.3

SIO 1.45 50 ePn 22 08.75 -1.4
eLg 22 29.85

VVO 1.67 72 ePn 22 12.95 -0.3
eLg 22 36.10

TUL 1.88 55 ePnd 22 16.00 -0.3
eSn 22 41.08

LNO 1.89 55 ePnd 22 15.85 -0.4
eLg 22 41.68

LNO2 1.89 55 ePnd 22 15.93 -0.4
eLg 22 41.77

LNO3 1.89 55 ePnd 22 16.05 -0.3
ePnc 22 25.00 -0.8

RLO 2.54 58 ePnc 22 25.00 -0.8
9 obs. associated

NOV 21, 1992 03h 04m 08.05±0.20s
8.643 S ± 4.5km 110.423 E ± 5.0km
DEPTH = 47.9km (10 depth phases)

5.3mb (39 obs.) 4.8msz (16 obs.)
JAWA, INDONESIA (277)

CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 28S, 50C

Centroid Location:
Origin Time 03:04:14.1 0.3
Lat 9.28S 0.03 Lon 110.29E 0.04

Dep 35.4 2.4 Half-duration 1.4
Moment Tensor: Scale 10**17 Nm
Mrr= 0.77 0.06 Mtt=-1.55 0.06
Mff= 0.77 0.10 Mrt= 1.57 0.14
Mrf=-0.25 0.10 Mtf= 0.84 0.05

Principal Axes:
T Val= 1.60 Plg=58 Azm=335
N 0.96 19 97
P -2.56 25 196

Best Double Couple: Mo=2.1*10**17
NP1: Strike=321 Dip=26 Slip= 137
NP2: 91 73 71

TRT 2.38 67 iPc 04 33.40 -12.0X
i(S) 04 58.50

KHKI 5.14 87 ePd 05 24.00 -0.5
eS 06 23.10

e 12 45.30
MKS 9.60 70 iPc 06 32.00 5.4X
KGM 12.74 326 ePd 07 15.70 6.7X

NANU 14.68 161 eP 07 26.60 -7.9X
eS 09 56.00

TSM 14.84 30 ePd 07 44.00 7.4X
MBL 15.40 145 eP 07 35.00 -8.9X

eS 10 10.00
KKM 15.69 22 ePc 07 53.20 5.5X
1.2s 97.20nm 4.8mb

IPM 16.13 324 ePc 07 55.50 2.2
SNG 18.51 328 eP 08 15.00 -7.7X

eS 11 50.00
KNA 19.26 113 iPc 08 30.70 -1.0
WEEK 19.51 158 eP 08 29.50 -4.9X

0.4s 61.00nm 5.2mb
eS 11 48.00

SLKI 20.67 90 iPd 08 44.50 -2.0
MTN 20.76 103 iPd 08 47.50 0.0

eS 12 31.00
MRWA 21.13 166 iPc 08 49.10 -2.0
e 09 06.50 80kmX

e 12 28.00
CGP 22.15 40 eP 09 05.00 3.6X
TLE 22.35 84 ePc 09 02.00 -1.4

BAL 22.63 166 eP 09 04.50 -1.5
WARB 23.27 141 eP 09 12.00 -0.4

eS 13 23.00
NNT 23.02 333 eP 09 16.50 0.8
KLB 23.83 164 eP 09 30.00 12.2X

e 13 35.00
MUN 23.83 168 eP 09 17.50 -0.2
e 09 33.00 66kmX

e 13 06.00
COOL 24.29 157 eP 09 20.50 -1.7
e 09 34.00 56km

e 13 43.00
PLP 24.43 37 eP 09 25.70 2.1
WRA 25.72 118 P 09 36.00 0.2

0.5s 29.50nm 5.1mb
WB2 25.73 118 iPd 09 35.40 -0.5
0.6s 25.70nm 4.9mb

iPcP 11 23.60
eS 14 17.10

eScP 15 25.10
KHT 26.06 333 eP 09 39.00 0.0
NST 26.22 337 eP 09 45.00 4.6X

ASPA 26.98 126 eP 09 46.50 -1.0
0.8s 28.60nm 5.0mb

Z 20s 1.60um 4.6msz
eS 14 56.40

LOE 27.27 342 eP 09 52.00 1.9
FORT 27.50 146 eP 09 52.00 0.0

CHG 29.54 338 eP 10 10.50 0.0
WWKK 33.37 83 eP 10 33.00 -11.3X
KMI 34.39 348 eP 11 05.00 11.9X

Z 16s 3.10um 5.1mszX
S 16 51.00

CTA 36.44 112 iPc 11 12.00 1.6
1.0s 37.50nm 5.3mb

e 11 25.00 49km
STK 37.04 133 iPc 11 19.00 3.7X

		iPcP	13	39.70		ASH	67.10	317	eP	14	56.50	-2.4				eSKP	26	43.44			
		eS	15	45.10			1.3s	120.00nm				5.8mb		RSSD	133.69	34	ePKP	23	22.37	0.7	
KOD	37.79	299	eP	11	24.00	1.9	BRVK	70.29	336	iPc	15	17.00	-1.4			iSKP	26	47.40			
GBA	39.51	304	P	11	35.60	-0.5		1.1s	38.00nm			5.3mb		PV10	133.81	44	ePKP	23	23.47	1.3	
CMS	39.99	130	iPd	11	41.60	1.6			iS	24	23.00				eSKP	26	47.44				
	0.9s	12.00nm			4.7mb		YAK	72.03	9	iPc	15	28.50	-0.1		GOL	135.54	40	ePKP	23	26.21	0.8
RMO	40.42	121	iPc	11	45.00	1.5	PET	73.80	28	eP	15	40.00	0.9		Z	18s	0.07um		4.4Msz		
	0.4s	10.00nm			5.0mb		MGD	75.63	20	ePc	15	49.00	-0.6			epP'd	23	43.01			
BFD	40.65	139	eP	11	45.50	0.2		0.8s	150.00nm			6.0mb				iSKP	26	53.93			
	0.7s	18.00nm			4.9mb				e	16	02.00	45km		VAO	141.54	215	(PKP)	23	38.00	1.3	
PJG	40.71	57	eP	11	45.90	-0.1	CIR	76.59	250	iPd	15	58.00	2.2		CBM	141.83	358	PKP	23	50.00	13.6
GUA	40.72	58	eP	11	45.70	-0.4			i	16	16.00	66kmX		Z	21s	0.28um		5.0Msz			
	0.5s	95.77nm			5.8mb		SVE	76.91	334	iPc	15	57.00	0.2		LMN	142.70	354	ePKP	23	37.00	-0.9
HYB	40.77	309	eP	11	45.40	-1.1		2.0s	100.00nm			5.5mb		WMOK	142.70	42	ePKP	23	34.90	-3.4	
		eS	17	48.00			Z	15s	0.50um			5.0MszX		FNO	143.27	40	iPKPc	23	37.20	-2.0	
SSE	40.84	14	P	11	49.00	2.2	N	15s	0.50um					LNO	143.84	37	ePKP	23	38.50	-1.5	
	1.0s	11.00nm			4.6mb		E	15s	0.40um							e	23	53.50			
Z	20s	1.40um			4.8Msz				i	16	10.00	44km		TUL	143.83	37	ePKPc	23	38.50	-1.7	
		eS	18	12.00			ARU	77.54	333	iPc	16	00.20	-0.1			0.8s	58.60nm				
PKI	43.39	327	P	12	07.00	-1.1		2.0s	200.00nm			5.8mb		Z	20s	0.17um		4.8Msz			
GUN	43.41	328	P	12	07.42	-0.9		Z	22s	1.00um		5.1Msz				e	23	53.60			
	0.6s	125.00nm			5.9mb		N	20s	0.50um							LR	13	40.00			
DMN	43.58	327	P	12	08.60	-1.0		E	20s	0.50um				RSNY	143.97	6	iPKP	23	38.76	-1.4	
KKN	43.63	327	P	12	08.72	-1.3			e	16	15.00	52km		ACTO	143.98	13	PKP	23	38.78	-1.4	
BRS	44.11	121	iPd	12	15.50	1.8	KRI	78.80	255	iPc	16	09.20	1.0	EMM	143.99	357	ePKP	23	38.38	-1.7	
	1.0s	15.00nm			4.7mb				i	16	27.00	65kmX		WLVO	144.02	11	PKP	23	38.62	-1.6	
GKN	44.15	326	P	12	13.04	-1.1	SLR	79.26	245	iPc	16	10.00	-0.6	ELF	144.08	15	PKP	23	39.50	-0.8	
	0.3s	42.00nm			5.7mb			0.9s	54.62nm			5.5mb		LDN	144.26	15	PKP	23	40.00	-0.6	
KAGJ	44.19	25	P	12	14.80	0.6	PYA	80.15	317	eP	16	15.00	0.2	DLA	144.33	15	PKP	23	40.40	-0.4	
LZH	44.92	352	Pc	12	21.00	0.8			i	16	29.00	48km		TYNO	144.52	13	PKP	23	40.49	-0.6	
	1.2s	46.00nm			5.2mb		BLF	80.84	242	iPd	16	19.70	0.7	STCO	144.56	12	PKP	23	40.46	-0.7	
Z	24s	1.40um			4.8MszX			1.0s	40.00nm			5.3mb		FVM	145.25	30	iPKPc	23	42.75	0.2	
E	14s	0.87um					TIK	81.04	6	iPc	16	19.00	0.2			epPKP	23	56.82			
		S	18	57.00				0.9s	108.00nm			5.8mb		FSA	145.31	186	iPKPc	23	44.00	1.1	
POO	45.07	307	iPc	12	19.20	-2.3	Z	20s	0.50um			4.9Msz		UYO	145.81	38	iPKPc	23	44.00	0.4	
KUMJ	45.34	24	P	12	24.00	0.6			i	16	26.00	22kmX		MIAR	146.09	37	ePKPc	23	45.67	1.7	
BJI	48.73	6	eP	12	50.00	0.2	SPA	81.41	180	iPd	16	20.00	-0.4	Z	18s	0.16um		4.8Msz			
	1.0s	44.00nm			5.4mb			0.5s	14.35nm			5.2mb				epPKP	24	00.94			
Z	20s	0.66um			4.6Msz		NVL	84.73	199	eP	16	38.00	0.1	HRV	146.23	3	ePKPc	23	45.78	1.8	
		eS	19	48.00					e	16	55.00	60kmX		Z	20s	0.20um		4.9Msz			
HNR	48.88	95	eP	12	47.00	-4.5X	CER	86.25	237	iPc	16	38.00	-8.3X	ELC	146.39	29	iPKPc	23	46.47	2.1	
NDI	49.03	320	iPc	12	50.50	-1.9		1.0s	50.00nm			5.7mb		OLY	146.61	34	ePKPc	23	46.87	2.1	
	0.5s	38.73nm			5.7mb		MOS	87.58	327	eP	16	53.00	0.9	TBR	147.37	7	ePKP	23	48.63	2.8	
CHJJ	51.96	29	P	13	13.60	-0.9			e	17	07.00	47km		PNJ	147.61	6	iPKP	23	50.00	3.8	
MAT	51.98	28	iPc	13	13.70	-1.0	OBN	87.93	326	eP	16	54.00	0.3	GMTN	147.63	7	iPKP	23	50.10	3.8	
	0.7s	47.95nm			5.6mb			1.3s	160.00nm			6.1mb		LVNJ	147.64	7	ePKPc	23	49.48	3.2	
KAKJ	52.66	30	P	13	17.90	-1.9			e	17	08.50	49km				iPKPbc	23	49.79			
NIIJ	52.91	29	P	13	20.70	-0.9			e	27	30.00			BAO	147.77	222	PKPd	23	51.80	4.5	
YAMJ	54.15	29	P	13	30.70	0.0	MLR	92.25	316	eP	17	15.00	0.6			e	23	53.60			
DZM	55.36	111	iPd	13	41.10	1.1	BCAO	92.52	274	iPc	17	16.80	0.7			e	23	54.30			
OFUJ	55.65	29	P	13	41.10	-0.5		0.8s	9.00nm			5.3mb				e	24	04.90			
AOMJ	56.22	27	P	13	46.10	0.4	HON	94.55	69	P	17	40.00	14.8X			e	24	09.00			
QUE	56.86	315	eP	13	50.00	-0.8		Z	21s	0.38um		4.8Msz				e	24	11.30			
		eS	21	37.80			KAF	94.82	332	iP	17	25.90	0.3			e	24	15.80			
MRRJ	58.03	26	eP	13	57.90	-0.5		0.6s	7.50nm			5.3mb				e	24	31.00			
HOIJ	59.00	28	eP	14	05.60	0.4	NUR	95.37	330	eP	17	28.70	0.5			e	24	33.80			
ZAK	59.11	355	eP	14	05.30	-0.5		0.6s	4.60nm			5.1mb				e	24	38.00			
	1.2s	16.00nm			5.0mb		SDN	96.51	35	P	17	40.00	6.5X			e	24	43.00			
Z	15s	0.78um			5.0MszX			Z	18s	0.76um		5.2Msz				e	24	49.00			
N	16s	0.78um					IMA	100.24	24	ePd	17	51.62	1.3			e	24	54.00			
		e	14	53.00	209kmX			0.8s	2.85nm			4.9mb				e	24	54.00			
		eS	22	08.00			GEC2	100.87	318	ePd	17	53.50	0.0		YJA	149.12	187	ePKPd	23	52.40	2.6
ASAJ	60.07	26	eP	14	12.10	-0.5		0.6s	0.47nm			4.3mb X		NAV	149.70	18	ePKP	23	52.93	3.2	
KUSJ	60.21	28	eP	14	13.20	-0.3			e	17	58.60					ePKPbc	23	54.90			
CIT	60.46	2	eP	14	16.00	0.9			e	18	06.20			CEH	151.52	16	ePKP	23	55.60	3.2	
FRU	60.74	330	iPd	14	17.00	-0.2			e	18	12.50			Z	21s	0.45um		5.2Msz			
	2.0s	40.00nm			5.2mb		SLKM	102.08	30	(Pd	17	58.65	0.1			ePKPbc	23	59.36			
Z	24s	0.80um			4.8MszX		NAO	102.17	330	Pd	17	59.20	0.3			epP'bc	24	14.23			
		e	14	29.00	42km			0.8s	1.90nm			4.8mb		PRM	152.08	23	ePKP	23	56.23	2.9	
		e	15	04.00			YKA	117.17	22	ePKP	22	49.00	-0.2			ePKPbc	24	01.16			
LMZ	61.73	135	P	14	23.90	0.0		0.6s	2.70nm					JSC	152.32	21	ePKP	24	01.20	7.6	
YSS	62.42	24	iPc	14	28.00	-0.3	GMW	120.73	39	ePKP	22	57.67	1.2	CCH	153.92	187	(PKP)	23	59.00	2.3	
	0.9s	60.00nm			5.7mb		LCPM	123.08	46	ePKP	23	02.73	1.4			e	24	07.00			
Z	17s	0.50um			4.7MszX		WDC	123.39	47	PKP	23	10.00	8.2X		SIV	154.12	199	ePKP	24	02.00	5.4
E	17s	0.40um						Z	20s	0.26um		4.9Msz		CNCB	154.66	184	PKP	24	01.00	3.0	
		e	14	41.50	48km		CMB	125.80	49	PKP	23	20.00	13.3X			i	24	09.80			
QRZ	63.37	131	P	14	35.30	0.4		Z	21s	0.18um		4.7Msz		LPB	154.94	183	ePKP	24	02.00	3.8	
THZ	63.84	132	P	14	38.90	0.9	SES	126.08	32	ePKPd	23	07.20	0.4			e	24	25.00			
MQZ	64.09	134	P	14	39.70	0.2	LRM	127.84	37	ePKP	23	12.00	1.4		ARE	154.99	176	e(PKP)	24	14.00	15.9
ELT	64.99	344	eP	14	44.00	-1.1	ISA	128.02	51	PKP	23	20.00	9.0X		ZOBO	155.19	183	PKP	24	01.00	2.2

			0.13	84	ePg	42	32.12	-0.1	KMOR	75.96	33	P	55	19.30	0.2	Z	20s	0.37um	4.7Msz			
					eSg	42	34.48		BPO	76.30	35	P	55	21.23	0.0			56	09.78	27km		
GRG			0.45	318	ePg	42	38.36	0.0	TUC	76.49	50	eP	55	22.02	-0.4	GLD	83.94	46	ePd	56	02.45	0.4
					iSg	42	45.20			1.5s	35.12nm			5.2mb		SES	85.50	35	ePd	56	09.00	-0.4
SOH			0.47	64	iPg	42	38.56	-0.1	BMW	76.65	33	P	55	22.91	0.0		1.1s	62.00nm		5.7mb		
LIT			0.57	205	ePg	42	40.48	-0.2	RVW	76.69	33	P	55	23.46	0.4			pP	56	16.00	22km	
					eSg	42	48.44		LVP	76.82	34	P	55	21.10	-2.8X	BJI	86.17	313	eP	56	15.00	2.1
VAY			0.72	346	iPn	42	43.60	0.3	CROR	76.89	35	P	55	23.87	-0.5		1.1s	27.00nm		5.4mb		
SRS			0.78	50	iPg	42	44.08	-0.3	SHW	76.99	34	eP	55	25.54	0.6	Z	24s	0.32um		4.6Msz		
					eSg	42	55.48		CPW	77.03	33	P	55	25.29	0.3			eSKS	06	42.00		
OUR			0.95	107	ePg	42	47.28	0.1	SMW	77.15	32	P	55	25.81	0.2	WMOK	86.58	53	P	56	30.00	14.9X
					eSg	43	00.36		OSD	77.30	32	P	55	27.01	0.3	Z	20s	0.39um		4.8Msz		
PAIG			0.96	135	ePg	42	47.72	0.3	VGB	77.34	35	eP	55	25.86	-0.9	RSSD	86.66	42	ePd	56	14.68	-0.9
					eSg	43	01.32		ARUT	77.38	44	eP	55	27.30	0.0		0.6s	4.38nm		4.9mb		
S.D. = 0.2 on 8 of 8 obs.									HDW	77.51	32	P	55	28.16	0.5	Z	21s	0.22um		4.5Msz		
NOV 21, 1992 03h 43m 32.55±0.17s									STW	77.53	31	P	55	28.30	0.6	MEO	86.75	53	iPd	56	15.10	-0.8
16.022 S ± 6.3km 173.009 W ± 6.8km									LON	77.57	33	eP	55	27.48	-0.5	MAW	87.33	199	P	56	20.29	2.2
DEPTH = 25.6km (4 depth phases)									GMW	77.58	32	eP	55	27.88	-0.1	TIY	87.94	310	Pd	56	25.20	3.6X
5.2mb (32 obs.) 4.8Msz (18 obs.)									WPW	77.68	33	P	55	28.38	-0.3	Z	30s	0.78um		4.9Msz		
TONGA ISLANDS (173)									FMW	77.76	33	P	55	29.19	0.0	N	15s	1.15um				
AFI			2.41	30	iPc	44	05.70	-5.6X	JBO	77.83	35	P	55	29.12	-0.3	GYA	88.67	298	P	56	29.20	3.8X
					eS	44	31.00		GSM	77.87	33	P	55	29.72	0.0		1.0s	14.00nm		5.2mb		
DZM			20.32	250	iPc	48	09.40	-0.3	NAC	78.09	34	P	55	30.73	-0.1	XAN	89.30	306	P	56	30.70	2.5
WCZ			22.82	207	P	48	35.30	0.6	SVW	78.12	9	eP	55	30.07	-0.6		1.3s	17.00nm		5.2mb		
KUZ			22.94	204	eP	48	35.90	0.1		1.0s	41.00nm			5.4mb		HHC	89.72	313	P	56	32.60	2.5
URZ			23.80	200	P	48	44.10	0.0	MXC	78.27	34	P	55	31.93	0.1	YKA	90.52	23	eP	56	32.70	-0.4
WLZ			23.97	203	eP	48	46.50	0.6	BRVW	78.38	34	P	55	32.75	0.3		1.2s	20.00nm		5.3mb		
MOZ			24.83	203	eP	48	55.20	1.1	JCW	78.44	32	P	55	32.62	-0.1	MIAR	90.53	54	P	56	40.00	6.2X
QRZ			27.72	204	eP	49	20.70	-0.1	SLKM	78.44	11	eP	55	31.58	-0.9	Z	20s	0.23um		4.6Msz		
KHZ			28.73	201	eP	49	28.90	-1.0	TBM	78.48	33	P	55	33.06	0.0	BTO	90.73	312	eP	56	37.20	2.4
LTZ			29.50	202	eP	49	33.00	-3.1X	CMW	78.49	32	P	55	33.26	0.2	OLY	92.47	54 (P)		56	42.76	0.0
MOZ			30.17	201	eP	49	44.40	1.6	RSW	78.54	35	P	55	33.33	-0.1	NVL	93.37	182	eP	56	46.00	-0.3
ARMA			35.35	240	iPd	50	27.00	-1.2	MDW	78.58	34	P	55	33.54	0.0		1.4s	27.00nm		5.5mb		
			0.2s		5.00nm			5.1mb	MSU	78.61	44	iPd	55	34.18	0.0	FVM	94.01	52	eP	56	49.08	-0.7
RMO			37.00	247	eP	50	41.00	-1.1	WIW	78.73	35	P	55	34.64	0.4		0.8s	10.24nm		5.3mb		
CNB			38.67	233	iPd	50	55.40	-0.7	GBL	78.74	34	P	55	34.37	0.0	Z	20s	0.66um		5.1Msz		
			0.9s		23.00nm			4.9mb	BGL	78.76	10	eP	55	33.06	-1.3			e	56	57.26	26km	
CTA			38.87	258	eP	50	56.00	-1.9	WAH2	78.78	34	P	55	34.06	-0.5	ULM	94.18	39	eP	56	51.50	1.3
CAN			38.96	233	eP	50	57.30	-1.1	CP2	78.79	10	eP	55	33.56	-1.0	JFWS	95.57	47	P	57	10.00	13.2X
BWA			39.12	235	eP	50	58.00	-1.0	CRP	78.81	10	eP	55	32.84	-1.8		Z	20s	0.29um		4.7Msz	
HON			39.93	22	P	51	20.00	13.5X	LOCW	78.83	34	P	55	34.73	-0.1	RSNY	107.05	48	PKP	02	10.00	12.0X
Z			19s		0.48um			4.4Msz	ETW	78.89	33	P	55	35.14	-0.2		Z	20s	0.17um		4.6Msz	
CMS			40.44	240	iPc	51	09.00	-1.7	CRF	78.92	34	P	55	35.19	-0.1	HRV	109.02	50	PKP	02	10.00	8.3X
			1.0s		63.00nm			5.3mb	LNOR	78.94	36	P	55	34.92	-0.6	Z	21s	0.44um		5.0Msz		
TOD			42.37	231	iPd	51	26.00	-0.5	DUG	79.06	43	eP	55	35.84	-0.6	CBM	111.66	45	PKP	02	20.00	13.4X
			0.9s		79.00nm			5.4mb		1.3s	17.41nm			4.9mb		Z	19s	0.38um		5.0Msz		
STK			44.06	241	iPd	51	43.50	3.2X	EPH	79.13	34	P	55	36.10	-0.4	MJMA	143.03	292	ePKP	03	04.67	-1.9
BFD			44.49	233	eP	51	43.20	-0.5	WTV	79.15	33	P	55	36.17	-0.5	KMSA	144.16	283	ePKP	03	11.33	2.7X
			1.0s		23.00nm			5.0mb	NLW	79.19	33	P	55	35.91	-1.1	OJC	144.35	346	iPKP	03	27.20	19.2X
WB2			50.06	257	eP	52	25.70	-1.9	PMS	79.25	11	eP	55	36.50	-0.4	KSP	144.47	350	ePKP	03	06.00	-1.4
			0.6s		14.10nm			5.2mb		0.6s	13.20nm			5.1mb		CLL	144.47	354	ePKP	03	06.00	-2.2
WRA			50.07	257	P	52	26.80	-0.8	SIT	79.28	20	P	55	50.00	13.0X		1.2s	22.00nm				
			1.0s		5.40nm			4.5mb	Z	20s		0.61um		4.9Msz		BRG	144.79	352	ePKP	03	06.60	-2.1
ASPA			50.28	252	iPd	52	27.90	-1.3	DHW2	79.43	33	P	55	37.42	-0.7		1.1s	18.00nm				
			0.9s		48.40nm			5.5mb	SAW	79.45	34	P	55	37.85	-0.4			i	03	13.10		
MTN			54.06	266	eP	52	57.20	-0.4	OD2	79.63	34	P	55	38.80	-0.4	DHJN	145.06	278	ePKP	03	11.00	0.4
FORT			55.47	243	eP	53	06.30	-1.5	PMR	79.65	11	P	55	50.00	11.0X	BNS	145.14	360	iPKPc	03	09.00	-0.3
WARB			56.78	249	eP	53	16.00	-1.3		Z	19s		0.49um		4.9Msz	MOX	145.26	355	ePKP	03	09.00	-0.6
MEEK			63.93	248	eP	54	03.00	-3.1X	MDJ	79.74	322	eP	55	42.20	2.4		1.3s	23.00nm				
			0.7s		15.00nm			5.2mb	TTA	79.81	8	eP	55	41.30	1.4			e	03	17.20		
MUN			65.57	242	iPc	54	16.30	-0.3		1.2s		55.60nm		5.5mb	ENN	145.33	1	ePKP	03	09.50	-0.1	
NANU			67.22	252	eP	54	27.50	0.3	HVU	79.92	41	eP	55	41.12	0.0		1.0s	14.00nm				
SMY			69.37	352	P	54	50.00	10.1X	SRU	80.02	44	eP	55	41.40	-0.3	SNF	145.53	3	iPKPd	03	10.20	0.2
Z			20s		1.63um			5.3Msz	EMUT	80.18	44	eP	55	42.46	-0.2	PRU	145.57	351	PKPd	03	10.60	0.5
ARN			71.84	41	P	54	55.27	0.0	DAU	80.19	43	eP	55	42.72	0.0		1.0s	21.20nm				
SDN			71.87	7	P	55	00.00	5.0X					55	54.50	39kmX			e	03	17.80		
			Z		0.76um			5.0Msz	DPW	80.19	34	iPd	55	41.74	-0.5	KMTA	145.68	279	ePKP	03	13.00	1.5
ISA			72.83	44	eP	55	00.34	-0.9	KLU	80.21	13	ePd	55	41.02	-1.1	ABHA	145.79	279	ePKP	03	15.00	3.3X
			1.3s		24.10nm			5.1mb	BALM	80.62	15	ePd	55	43.55	-0.8	VRAC	145.89	349	iPKPc	03	12.30	1.7
Z			19s		0.53um			4.8Msz	PV09	80.66	46	eP	55	45.07	-0.2		2.0s	369.50nm				
CMB			72.98	41	eP	55	01.45	-0.6	PT08	80.67	46	ePd	55	44.59	-0.7	DOU	145.96	3	PKP	03	11.80	1.1
			0.7s		5.77nm			4.7mb	TOA	80.71	12	eP	55	45.50	0.8	VRI	145.96	335	ePKPd	03	12.00	1.1
Z			18s		0.46um			4.8Msz	PTI	80.75	40	eP	55	45.40	-0.1	GRF	146.24	355	ePKP	03	13.10	1.8
ORV			73.22	39	eP	55	02.41	-0.9	HHA1	80.97	40	eP	55	46.79	0.2			e	03	21.30		
WDC			73.23	38	P	55	10.00	6.6X	NEW	81.01	34	ePc	55	45.74	-0.8	WLF	146.44	1	PKP	03	14.00	2.5X
			Z		0.58um			4.9Msz	CN2	81.80	320	eP	55	53.00	2.3	KHC	146.54	352	PKP	03	14.40	2.6X
LGPM			73.28	37	eP	55	03.22	-0.6		1.0s												

[illegible]

21d 05h

										eS										10 11.00																			
GZR										9.47 1 iPc										09 34.00 -3.9X																			
CMP										9.54 11 iPc										09 40.00 1.2																			
AQU										9.54 315 Pd										09 38.30 -0.6																			
RDP										9.60 310 P										09 37.70 -2.0																			
RMP										9.64 311 Pd										09 38.10 -2.0																			
ISR										9.71 17 iPc										09 11.00 -30.2X										PGF 12.37 306 eP 10 15.70 -1.4									
KOT										9.86 125 ePd										09 33.25 -9.9X										NAQJ 12.41 115 Pc 10 09.46 -8.2X									
MLR										9.92 14 iPc										09 44.00 -0.1										ARTJ 12.44 103 Pd 10 10.08 -7.8X									
DEV										9.96 2 iPd										09 45.50 1.0										MRSJ 12.45 116 Pc 10 09.77 -8.3X									
KAS										10.36 55 iPc										09 49.80 -0.3										RBL 12.47 330 P 10 15.80 -2.4X									
ASS										10.42 316 P										09 50.40 -0.5										HOL 12.49 119 iPd 10 09.67 -8.8X									
VRI										10.45 17 ePc										09 50.00 -1.1										SIM 12.63 41 iP 10 20.00 -0.3									
ARV										10.55 319 Pd										09 51.20 -1.4										Z 34s 6.00um 4.9Msz									
BZK										10.81 53 iP										09 56.00 0.0										UZH 12.71 359 iPc+ 10 21.00 -0.3									
BRNI										10.82 104 iPc										09 46.30 -9.9X										1.5s 1860.00nm 6.7mb									
BHL										10.99 97 Pn										09 48.00 -10.7X										GHZJ 12.76 111 Pc 10 12.67 -9.6X									
										Sn										11 40.00										CSTJ 12.76 108 Pc 10 12.51 -9.7X									
ATZ										11.00 103 eP										09 48.90 -9.8X										HITJ 12.80 115 Pc 10 13.90 -8.8X									
										eS										11 38.00										FVI 12.92 329 P 10 21.70 -2.3X									
ZNT										11.03 106 eP										09 49.30 -9.7X										MDRJ 12.95 116 Pc 10 16.37 -8.2X									
										eS										11 38.00										CTI 13.01 324 P 10 23.20 -2.2									
ZAG										11.04 336 iPnd										09 56.70 -2.5X										KBA 13.08 331 iPd 10 24.30 -2.1									
										iSn										11 56.20										0.9s 563.00nm 6.4mb									
RSM										11.10 319 Pd										09 58.50 -1.5										i 10 26.20									
PTJ										11.13 336 iPnd										09 56.60 -3.8X										i 12 25.40									
CRE										11.18 317 P										10 00.00 -1.1										iS 12 42.60									
RIY										11.25 329 iPnd										09 59.00 -2.9X										VKA 13.16 342 iPd 10 24.40 -2.8X									
										iSn										11 59.10										i 10 26.40									
PTT										11.39 14 eP										10 05.00 1.2										iS 12 45.20									
HMDT										11.40 105 iPd										09 54.60 -9.4X										LR 16 46.00									
SFI										11.42 318 Pd										10 03.50 -0.7										SHBJ 13.21 101 Pc 10 17.49 -10.6X									
SHMJ										11.43 102 Pc										09 55.76 -8.6X										SAL 13.25 321 P 10 26.60 -1.8									
PGD										11.46 317 P										10 14.00 9.0X										BOB 13.29 316 P 10 28.80 -0.3									
PGD										11.46 317 P										10 03.00 -2.0										SPC 13.37 354 eP 10 29.20 -0.9									
CEY										11.55 331 iPd										10 03.60 -2.4X										i 13 00.40									
										eS										12 06.50										RUWJ 13.61 100 Pc 10 26.40 -6.9X									
DSI										11.57 108 iPd										09 56.60 -9.7X										KMR 13.62 336 iP- 10 32.90 -0.4									
SALJ										11.63 106 Pc										09 58.32 -8.8X										iS 13 04.30									
BURJ										11.63 105 Pc										09 58.06 -9.2X										PCP 13.69 313 P 10 33.24 -1.0									
FIR										11.66 316 eP										10 07.00 -0.5										FIN 13.71 312 P 10 34.16 -0.3									
										iS										12 18.00										IMI 13.75 310 P 10 34.02 -1.0									
MKT										11.68 111 eP										09 58.20 -9.6X										BHG 13.79 332 eP 10 34.00 -1.5									
										eS										11 53.00										MDI 13.79 319 P 10 33.30 -2.2									
KFNJ										11.68 106 Pd										09 59.54 -8.2X										WTTA 13.93 328 iPc 10 36.80 -0.7									
JARJ										11.74 104 Pc										09 58.19 -10.5X										1.0s 1452.00nm 6.4mb									
CEI										11.76 360 eP										10 12.00 3.3X										i 10 38.40									
LJU										11.76 332 iPnd										10 06.00 -2.8X										i 12 52.40									
										i										10 07.60										iS 13 05.60									
										i										10 10.50										LVV 13.94 4 iP+ 10 38.00 0.6									
										i										10 17.70										ROB 13.96 311 P 10 37.77 0.0									
										iS										10 25.20										REVf 13.99 309 P 10 36.76 -1.5									
										iSn										12 09.60										SAOF 13.99 310 P 10 37.46 -0.8									
										iSnSn										12 22.50										SBF 14.01 309 eP 10 37.30 -1.2									
										e(PcP)										15 48.00										0.9s 767.85nm 6.2mb									
MASJ										11.76 107 Pc										10 00.20 -8.8X										WATA 14.01 328 iPc 10 37.90 -0.6									
BMJ										11.77 3 iPd										10 11.00 2.1										i 10 39.50									
MKRJ										11.78 108 Pc										10 00.14 -9.0X										i 12 40.00									
LISJ										11.79 110 Pc										10 00.13 -9.1X										iS 13 09.50									
TRI										11.80 329 e(Pn)										10 05.50 -3.8X										VRAC 14.06 344 iPnc 10 38.40 -0.6									
										i										10 52.50										1.2s 1637.00nm 6.4mb									
										i(RRPg)										11 02.60										e 10 44.60									
										i(Sn)										12 07.60										e 10 47.30									
										i										13 32.50										Sn 13 01.50									
										i										13 37.20										eS 13 12.00									
BUD										11.84 348 iP										10 06.90 -3.0X										e 13 34.60									
IAS										11.89 17 eP										10 11.00 0.6										PcP 15 29.80									
GAZ										11.91 80 ePn										10 05.00 -5.8X										e 16 19.90									
DHLJ										11.93 112 P										10 03.60 -7.4X										AUTN 14.08 310 P 10 38.74 -0.8									
VOY										12.00 330 iP										10 09.70 -2.4X										SQTA 14.08 327 iPc 10 39.40 -0.1									
										e										10 11.20										i 10 40.90									
										eS										12 13.90										i 12 49.40									
PIL										12.05 314 Pd										10 12.10 -0.5										iS 13 13.50									
KIS										12.07 21 iPc+										10 12.00 -0.9										AURF 14.09 309 P 10 38.62 -0.9									
										Z 16s 18.40um																				OSS 14.19 323 iPc 10 40.30 -0.6									
										N 12s 12.80um																				ENR 14.20 310 P 10 41.16 0.2									
										E 14s 16.60um																				TOUF 14.20 309 P 10 40.43 -0.7									
JRSJ										12.08 114 Pc										10 04.30 -8.8X										MVIF 14.20 309 P 10 40.21 -0.9									
MBH										12.08 117 eP										10 04.00 -9.2X										STV 14.27 310 P 10 42.21 0.4									
PSZ										12.15 352 eP										10 12.20 -1.8										CALN 14.30 308 P 10 41.18 -1.2									
QTRJ										12.17 108 Pc										10 05.61 -8.8X										VAL 14.35 318 P 10 40.80 -2.0									
BDI										12.21 315 P										10 13.60 -1.3										LMR 14.36 306 eP 10 40.60 -2.4									
SHWJ										12.21 113 Pd										10 06.59 -8.5X										1.2s 267.75nm 5.5mb									
MDSJ										12.22 107 Pc										10 05.90 -9.1X										FRF 14.37 307 eP 10 41.50 -1.6									
AOBJ										12.23 117 Pd										10 07.00 -8.0X										1.3s 443.35nm 5.7mb									
MME										12.24 316 P										10 14.80 -0.5										VDL 14.39 321 ePd 10 43.30 -0.2									
SRO										12.29 347 iPd										10 14.50 -1.2										OJC 14.43 353 eP 11 04.50 20.7X									

ECH	16.71	322	P	11	13.62	0.7	TAB	19.15	76	iPc	11	40.00	-2.8	SFS	23.14	280	eP	12	22.50	-0.4
WLS	16.75	323	P	11	14.24	0.8	DOU	19.22	323	iPc+	11	44.10	0.9	TEH	23.40	82	eP	12	25.50	-0.1
CDF	16.79	323	eP	11	14.50	0.6					11	54.00	40kmX	RYD	23.56	112	ePd	12	17.20	-9.9X
	1.1s	898.65nm				5.9mb				iS	15	00.70				iS	16	32.40		
HOFF	16.83	325	P	11	15.73	1.4	ATE	19.24	299	P	11	43.44	-0.1	ERUA	23.80	295	eP	12	34.20	4.9X
CLL	16.83	339	iP	11	14.00	-0.3	ISSF	19.29	299	P	11	44.58	0.4	UPP	24.17	354	iPc	12	33.10	0.5
	1.8s	780.00nm				5.6mb	GRO	19.31	60	iPc+	11	43.00	-1.2			iS	16	49.00	6.6mb	
		(sP)	11	40.00						1.5s	3200.00nm	6.4mb	PUL	24.40	10	ePc+	12	35.00	0.1	
LANF	16.93	325	P	11	16.58	1.0				Z	12s	12.00um				e	13	11.00	183kmX	
HAU	16.99	320	eP	11	16.20	-0.2				N	15s	9.00um				e	13	22.00		
	0.5s	347.50nm				5.8mb				E	14s	1.00um		NUR	24.65	3	iP	12	37.00	-0.3
Z	20s	4.00um				4.7Msz	MADF	19.34	299	P	11	44.06	-0.5			eS	16	54.00	5.4Msz	
LBL	17.30	308	P	11	20.34	0.1	BOH	19.47	299	P	11	46.60	0.6			e	17	26.00		
VITF	17.31	320	P	11	20.86	0.5	WTS	19.57	330	iPc	11	48.30	1.4			LR	23	40.00		
PLDF	17.40	311	P	11	21.15	-0.4				1.3s	786.00nm	5.8mb	AVE	24.71	273	iP	12	38.50	0.4	
TNS	17.55	329	ePc	11	25.10	1.7	SNF	19.64	324	iPc	11	48.59	0.9			i	12	59.00	93kmX	
TNS	17.55	329	iPd	11	25.80	2.4				e	15	21.40		KMSA	24.74	123	ePd	12	49.33	10.7X
		iS	14	30.00			UCC	19.80	324	Pc+	11	51.00	1.7	CPZ	24.79	314	ePc	12	39.10	0.4
SMF	17.60	313	eP	11	21.90	-2.1				S	15	28.00				0.9s	201.00nm	5.6mb		
	0.6s	84.40nm				5.1mb	ETOR	19.83	292	iPd	11	49.50	-0.4	HFS	24.89	350	eP	12	39.90	0.3
PYM	17.68	310	P	11	24.65	-0.3	BSD	19.89	347	iPc	11	48.70	-1.6			0.5s	467.60nm	6.2mb		
PYA	17.70	56	iP	11	25.00	-0.2				0.6s	480.00nm	6.0mb	Z	18s	2810.00um			7.8MszX		
							MFF	20.02	309	eP	11	51.80	0.1			LR	20	01.00		
Z	16s	7.00um								1.0s	361.60nm	5.7mb	ABHA	25.11	129	iPd	12	40.00	-2.3X	
N	16s	5.50um					EVIA	20.06	285	iPd	11	51.20	-1.1	KONO	25.19	345	eP	12	42.34	0.0
E	16s	4.50um					EHUE	20.15	283	eP	11	52.00	-1.2	KMTA	25.25	129	iPd	12	42.00	-1.6
		iS	14	42.00			KER	20.18	87	eP	11	51.00	-2.6X	LIS	25.25	286	iPd	12	44.50	1.3
LBF	17.70	314	eP	11	22.90	-2.3	WIT	20.25	331	eP	11	56.00	2.0			eS	17	12.00		
	0.8s	110.15nm				5.1mb	DBN	20.33	328	eP	11	59.00	4.2X	DHR	25.47	104	ePd	12	44.50	-0.8
BRNL	17.73	341	ePc	11	27.60	2.1				Z	20s	16.00um	5.4Msz			iS	17	06.00		
		eS	14	49.00			ECRI	20.44	297	iP	11	55.00	-0.3	WME	25.63	321	eP	12	48.00	1.5
AGO	17.74	311	P	11	24.93	-0.8	QASM	20.49	113	iPd	11	54.87	-1.8X	XDE	25.84	324	eP	12	49.30	0.8
BRN	17.77	341	eP	11	26.00	0.1	LDF	20.90	314	eP	12	01.00	0.4			1.2s	844.00nm	6.1mb		
ERE	17.84	70	iP+	11	26.00	-1.0				0.9s	739.05nm	6.0mb	KMY	25.89	340	eP	12	49.78	0.9	
	1.4s	130.00nm				4.9mb X	COP	20.93	344	iPc+	12	02.10	1.2	DHJN	26.02	129	iPd	12	49.00	-1.8X
		iS	14	44.00						1.3s	2076.92nm	6.3mb	NAO	26.02	347	P	12	50.20	0.1	
EBR	17.92	292	eP	11	27.00	-0.9									0.5s	294.10nm			6.1mb	
LOR	17.92	315	eP	11	26.30	-1.6	ECOG	20.95	281	eP	12	00.00	-1.4	EKA	26.18	326	Pc	12	52.00	0.4
	0.7s	145.50nm				5.3mb	SHE	21.02	69	iPc	12	01.00	-1.0			0.9s	324.70nm			5.9mb
Z	24s	8.60um				6.4Msz				1.0s	3800.00nm	6.7mb	ESK	26.19	326	ePc	12	52.15	0.4	
CAF	17.93	306	eP	11	28.10	0.0				Z	12s	5.00um	5.1MszX	ESY	26.30	327	eP	12	52.90	0.2
	1.1s	373.15nm				5.5mb				N	12s	7.00um				0.9s	221.00nm			5.7mb
AVF	17.96	313	eP	11	26.50	-1.9				E	12s	8.00um		KAF	26.33	4	iP	12	52.70	-0.2
	0.8s	109.05nm				5.1mb	EBAN	21.07	284	iPc	12	02.30	-0.3			0.5s	159.90nm			5.8mb
EROO	17.98	292	eP	11	27.50	-1.2	LPF	21.18	312	eP	12	03.60	0.1	EBL	26.40	327	ePc	12	54.10	0.5
SSF	18.01	314	eP	11	27.10	-1.9									1.2s	539.00nm			6.0mb	
	1.1s	351.65nm				5.5mb	FLN	21.19	314	eP	12	04.10	0.5	EDI	26.56	327	ePc	12	55.60	0.6
BGF	18.15	312	eP	11	29.20	-1.5				Z	26s	6.43um	4.9MszX			1.1s	813.00nm			6.2mb
	1.3s	511.20nm				5.6mb	GRR	21.23	313	eP	12	04.10	0.1	EAU	26.63	327	eP	12	56.20	0.5
MAF	18.17	311	eP	11	30.20	-0.7										1.0s	248.00nm			5.7mb
	1.6s	776.10nm				5.7mb	TOL	21.28	289	iPd	12	06.20	1.5	DLF	26.73	320	iPc	12	56.90	0.3
WLF	18.18	324	iPc	11	33.20	2.2								EGD	26.79	341	eP	12	57.60	0.5
MTA	18.30	65	iPc+	11	30.60	-1.9				0.8s	261.15nm	5.6mb	BER	26.86	341	eP	12	58.28	0.5	
	0.8s	240.00nm				5.4mb				1.2s	234.38nm	5.4mb	EDU	26.87	328	eP	12	58.30	0.4	
		iS	14	55.40											1.2s	678.00nm			6.1mb	
MNK	18.33	10	iP	11	36.00	3.2X								KAT	26.89	73	iP+	12	57.50	-0.7
	1.5s	4.00nm				3.4mb X	ELUQ	21.49	282	eP	12	06.30	-0.4			i	13	39.00	208kmX	
Z	24s	17.10um					OBN	21.51	22	iPc	12	05.35	-1.3			ePPP	14	02.00		
N	22s	15.90um								1.6s	7200.00nm	6.8mb			e	16	15.00			
TCF	18.42	310	eP	11	33.30	-0.7									eS	17	30.00			
	0.9s	193.30nm				5.3mb									eSS	18	41.00			
ACU	18.42	285	iP	11	32.60	-1.5									e	23	40.00			
LPO	18.42	305	eP	11	33.60	-0.4														
	1.0s	176.00nm				5.2mb	MAL	21.67	280	iPd	12	08.00	-0.5	EBH	26.90	327	ePc	12	58.70	0.5
RJF	18.44	307	eP	11	34.00	-0.2										1.1s	571.00nm			6.1mb
	1.4s	561.10nm				5.6mb								EDR	26.91	329	ePc	12	58.10	-0.2
Z	23s	5.55um														0.8s	186.00nm			5.7mb
EPF	18.49	299	eP	11	33.30	-1.6	MJMA	21.94	111	iPd	12	09.33	-2.0X	ASK	26.98	341	eP	12	58.98	0.1
	1.5s	245.50nm				5.2mb	BAK	21.97	70	iPc	12	09.00	-2.4X	ELO	27.13	327	ePc	13	00.60	0.3
BNS	18.65	329	iPc	11	38.22	1.6										1.1s	408.00nm			5.9mb
	1.1s	760.00nm				5.8mb	MOS	22.36	23	iPc	12	15.00	-0.1	DCN	27.14	319	iPc	13	00.90	0.5
Z	21s	46.50um								1.7s	7700.00nm	6.9mb			0.8s	273.00nm			5.9mb	
		iPd	11	39.28						Z	21s	9.80um	5.2Msz	DMU	27.22	321	iPc	13	02.70	1.6
		iD	11	45.20						N	16s	8.40um		EAB	27.23	327	ePc	13	01.80	0.6
KLL	18.79	327	ePc	11	39.10	0.7				E	16s	14.00um				1.0s	280.00nm			5.8mb
		iPd	11	40.70																
LFF	18.81	305	eP	11	38.00	-0.6														
	0.9s	181.50nm				5.3mb	MUD	22.44	340	iPc	12	17.00	1.1	HYA	27.32	343	eP	13	01.77	-0.1
LSF	18.82	310	eP	11	38.60	-0.2														
	1.0s	188.00nm				5.3mb								SUE	27.58	341	eP	13	04.42	0.1
ECHE	18.90	280	iPd	11	38.70	-1.1	EJIF	22.55	280	iPd	12	17.30	0.1	FOO	27.97	342	eP	13	08.21	0.4
MEM	18.90	326	iPc	11	41.05	1.4	OJEN	22.65	279	iP	12	23.00	4.8X	MOL	28.26	345	eP	13	11.05	0.7
ENN	19.05	326	iPc	11	43.00	1.6	MOMI	22.77	279	iP	12	19.00	-0.3	ANTZ	28.27	264	iP			

[illegible]

21d 05h

														30.630 S ± 9.2km 176.878 W ± 19.9km						
														DEPTH = 10.0km (geophysicist)						
														4.8mb (2 obs.)						
														KERMADEC ISLANDS REGION (177)						
SMY	88.32	17	P	20	20.00	12.8X	Z	20s	2.28um	5.7MsZ	RAO	1.64	326	iPc	00	19.50	1.0			
LNO	88.35	314	iPc	20	08.30	0.8								S	00	29.50				
TUL	88.35	314	iPc+	20	08.50	0.8								eP	02	46.40	0.2			
	0.6s	41.60nm			5.8mb									eP	03	10.60	-0.1			
Z	22s	1.24um			5.3MsZ									eS	05	41.90				
														eS	03	30.10	0.8			
UYO	88.77	312	iPc	20	10.90	1.2								eS	06	13.00				
NEW	88.78	334	iPd	20	10.57	1.0								iPd	03	56.00	4.6			
LRM	89.06	330	ePc	20	12.30	1.1								eP	03	57.40	3.5			
SDN	89.07	2	iPc	20	10.78	0.1								eP	08	10.60	17.8			
	0.6s	588.32nm			7.0mb X									eP	08	06.50	-1.1			
Z	21s	2.48um			5.6MsZ									0.5s	12.90nm	5.1mb				
DPW	89.49	335	iPc	20	14.25	1.3								45.07	272	P	08	07.20	-0.5	
OCO	89.59	315	iPd	20	15.00	1.4								0.7s	3.60nm	4.4mb				
ACO	89.70	317	iPd	20	15.00	0.9								145.08	341	iPKP	19	24.00	-4.0	
FNO	89.74	315	iPc	20	15.90	1.6								0.5s	11.60nm					
MBW	89.91	337	P	20	14.88	-0.2								145.90	326	iPKPc	19	28.00	-1.6	
NLW	90.03	336	P	20	16.58	1.0								0.9s	37.00nm					
OD2	90.08	335	P	20	16.74	1.1									e	19	38.00			
RPW	90.09	337	P	20	15.89	0.2									e	19	53.00			
WTV	90.23	336	P	20	17.44	1.0									ePKP	19	30.10	-0.8		
8W06	90.29	327	iP+	20	18.13	1.1									ePKP	19	36.40	1.4		
MCW	90.29	338	(P)	20	17.63	1.0									0.9s	9.60nm				
CMW	90.30	337	P	20	16.87	0.1									149.65	350	ePKP	19	36.00	0.6
ETW	90.44	336	P	20	18.13	0.7									0.5s	1.50nm				
JCW	90.44	337	P	20	17.68	0.4									150.16	212	iPKPc	19	41.00	3.4
OHW	90.52	338	P	20	18.90	1.3									0.5s	5.00nm				
GLD	90.62	322	ePc	20	19.28	0.8									S.D. = 1.1 on 10 of 15 obs.					
			ePP	24	00.58										* NOV 21, 1992 07h 08m 29.42± 1.42s					
GOL	90.74	322	ePc	20	19.76	0.6									17.519 N ± 7.6km 61.774 W ± 16.5km					
	1.4s	76.94nm			5.9mb										DEPTH = 10.0km (geophysicist)					
			ePc	20	37.72	63kmX									LEEWARD ISLANDS (92)					
			ePP	24	00.47										ML 3.6 (FDF). MD 3.6 (TRN).					
			S	32	15.33															
HTW	90.74	337	P	20	18.97	0.3														
MEO	90.76	315	iPd	20	19.70	0.7														
CRF	90.80	335	P	20	20.25	1.3														
ET3	90.86	335	P	20	20.38	1.2														
WMOK	90.90	315	ePc	20	20.86	1.2														
	1.4s	63.92nm			5.8mb															
Z	21s	1.60um			5.4MsZ															
			(pP)	20	38.00	60kmX														
			ePP	23	46.15															
TBM	90.91	336	P	20	20.45	0.9														
GBL	91.02	335	P	20	21.48	1.5														
RMW	91.05	337	iPc	20	20.72	0.5														
			eP	20	40.72	72kmX														
HHA1	91.09	329	ePd	20	22.18	1.7														
WIW	91.11	335	P	20	22.09	1.8														
LNOR	91.24	334	P	20	21.64	0.6														
RSW	91.25	335	P	20	22.82	1.7														
HDW	91.28	338	P	20	22.98	1.7														
GMW	91.28	337	iPc	20	22.70	1.5														
FMW	91.47	336	P	20	22.88	0.6														
LON	91.68	336	ePc	20	23.72	0.7														
SHW	92.31	336	eP	20	28.11	2.0														
BMW	92.38	337	ePc	20	27.79	1.5														
VGB	92.42	335	eP	20	27.88	1.4														
MTMW	92.45	336	P	20	27.66	1.0														
HVU	92.50	328	ePc	20	27.95	0.9														
RVW	92.51	337	P	20	28.34	1.5														
NLO	92.79	337	P	20	30.20	2.0														
DAU	92.95	326	eP	20	29.86	0.5														
CROR	92.95	335	P	20	30.10	1.1														
PGO	93.02	336	P	20	31.18	2.0														
PV08	93.21	324	ePc	20	31.07	0.5														
EMUT	93.23	326	eP	20	30.54	-0.1														
GT2	93.24	336	P	20	31.42	1.2														
TKO	93.43	337	P	20	33.18	2.0														
PV09	93.50	324	iPc	20	32.66	0.7														
			eP	20	53.61	76kmX														
PV10	93.55	324	iPc	20	33.07	1.0														
			eP	20	54.19	76kmX														
SRU	93.67	325	eP	20	32.15	-0.4														
DUG	93.82	327	ePc	20	33.94	0.8														
	0.6s	4.45nm			5.1mb															
SIV	94.15	253	P	20	34.00	-0.7														
CGP	94.84	76	iPd	20	36.00	-2.0														
MSU	94.91	326	eP	20	39.08	0.8														
ANMO	94.94	320	(P)	20	40.32	1.9														
LBFM	96.46	334	ePc	20	46.27	0.9														
			ePP	24	32.69															
							LMEM 97.05 333 eP 20 49.46 1.5													
							LGPM 97.18 334 ePc 20 49.46 1.0													
							WDC 97.37 334 P 20 52.81 3.7X													
							Z 20s 2.28um 5.7MsZ													
							S 33 53.88													
							SSS 46 19.22													
							ORV 97.89 333 ePc 20 51.75 0.3													
							BONR 98.02 330 ePc 20 53.86 1.4													
							ePP 24 53.14													
							MMPM 98.61 330 eP 20 55.02 -0.2													
							CMB 98.79 331 P 21 05.90 10.3X													
							Z 21s 1.71um 5.5MsZ													
							PP 25 01.97													
							SKS 33 56.65													
							TUC 99.24 321 P 21 10.00 12.2X													
							Z 21s 1.36um 5.4MsZ													
							ZOBO 99.86 257 eP 21 19.00 17.6X													
							SKS 31 40.00													
							LR 55 00.00													
							CNCB 100.03 257 ePd iff 21 12.00 9.8X													
							ISA 100.05 329 Pd iff 21 06.13 4.8X													
							Z 22s 2.41um 5.7MsZ													
							NVL 106.66 184 (PKP) 25 39.00 -0.9													
							e 28 08.00													
							MTN 112.46 90 ePKP 25 51.50 -1.0													
							WB2 118.84 95 ePKP 26 02.80 -1.8													
							0.6s 29.30nm													
							ASPA 120.32 99 iPKPc 26 05.90 -1.5													
							0.4s 16.50nm													
							HON 123.07 1 PKP 26 20.00 7.4X													
							Z 21s 0.86um 5.4MsZ													
							SPA 125.73 180 iPKPc 26 15.00 -1.6													
							0.5s 56.48nm													
							i 27 27.90													
							e 39 46.70													
							CTA 128.57 88 iPKP 26 28.00 4.7X													
							1.7s 125.00nm													
							e 26 42.50													
							OLP 129.97 96 iPKPd 26 25.80 0.0													
							0.4s 26.00nm													
							STK 130.00 104 ePKP 26 26.70 1.0													
							i 29 46.30													
							TOO 134.90 110 iPKPc 26 35.10 0.2													
							0.3s 20.00nm													
							CAN 136.97 106 ePKP 26 38.80 -0.1													
							PVC 144.77 68 iPKP 26 52.00 -1.1													
							DZM 145.79 76 iPKPc 26 55.40 0.5													
							AFI 154.61 34 ePKP 27 22.00 13.8X													
							S.D. = 1.1 on 500 of 629 obs.													
							* NOV 21, 1992 05h 55m 21.57± 1.44s													
							20.693 S ± 8.1km 67.860 W ± 11.2km													
							DEPTH = 162.5 ± 44.0 km													
							SOUTHERN BOLIVIA (125)													
							YJA 2.64 124 ePc 56 06.20 0.2													
							S 56 41.00													
							CCH 3.67 27 eP 56 18.00 -0.9													
							ANT 3.82 218 eP 56 20.20 -0.2													
							iS 57 00.30													
							CNCB 3.86 358 iPc 56 22.00 0.4													
							S 57 08.00													
							LPB 4.14 357 P 56 25.70 0.6													
							1.0s 100.00nm													

CRP	12.71	39 eP	24 43.40	0.1		1.5s	78.00nm	5.6mb		LBF	80.90	5 eP	33 54.60	0.6
SLKM	13.07	44 eP	24 45.87	-2.0		Z 18s	0.84um	4.9Msz		KBA	80.99	359 iPc	33 56.00	1.4
PMS	13.73	42 eP	24 54.50	-2.1		N 15s	0.78um				1.0s	37.50nm		5.3mb
PMR	14.09	41 eP	25 01.32	0.1	TBR	61.22	59 (P)	31 58.72	2.9X	NDI	81.02	306 eP	33 54.50	-0.3
KLU	15.38	44 eP	25 14.81	-3.3X	LMN	62.51	50 eP	32 06.50	2.1X	AVF	81.06	6 eP	33 55.60	0.9
TOA	15.56	42 ePd	25 19.60	-0.8	SGS	63.47	70 eP	32 10.41	-0.4	SMF	81.23	5 eP	33 56.60	0.9
IMA	15.73	23 eP	25 26.00	3.4X	SVE	63.98	332 ePc	32 13.00	-0.9	LSF	81.48	7 eP	33 57.80	0.8
FBA	16.55	32 ePc	25 31.79	-1.1		1.2s	60.00nm	5.6mb			1.0s	31.60nm		5.3mb
BALM	16.79	48 eP	25 34.48	-1.7	BRVK	64.03	325 iPd	32 12.00	-2.3	RBL	81.63	358 P	33 51.50	-6.3X
SIT	19.72	63 (P)	26 11.18	-0.3		1.3s	36.00nm	5.3mb		DIX	81.95	3 eP	33 46.00	-13.7X
PET	19.76	285 eP	26 08.00	-3.8X			iS	42 06.00		LJU	82.01	358 eP	34 03.00	3.3X
YKA	Z 20s	1.80um			ARU	64.90	333 ePc	32 19.00	-0.9			eSg	34 18.50	
MBC	29.96	49 eP	27 54.10	5.0X		1.4s	80.00nm	5.6mb		MAIO	82.29	323 eP	34 03.00	1.5
VGB	0.5s	3.30nm		4.4mb	KAF	65.33	352 iP	32 21.50	-1.0	LFF	82.72	8 eP	34 04.70	1.3
DPW	0.5s	4.00nm		4.5mb	NUR	67.04	353 iP	32 32.60	-0.9	CAF	82.83	7 eP	34 05.30	1.2
KMPM	31.70	83 (P)	28 05.11	0.5	NAO	67.23	0 P	32 33.50	-1.2	LPO	83.01	7 eP	34 05.90	1.0
NEW	32.60	76 eP	28 10.26	-2.2	HFS	67.91	359 eP	32 37.10	-1.8	FIR	84.31	0 eP	34 24.00	12.5X
TIK	33.03	329 eP	28 14.00	-1.8	KMI	69.71	285 eP	32 50.00	-0.8	EPF	84.58	8 eP	34 13.60	0.6
LBFM	33.27	90 eP	28 23.87	5.4X	FRU	70.65	316 iPc	32 55.50	-0.6	SKO	85.71	352 eP	34 20.00	1.4
SES	35.22	70 eP	28 36.00	1.0		2.0s	90.00nm	5.5mb		OHR	86.61	353 eP	34 23.20	0.1
COE	35.90	96 eP	28 39.38	-1.5		Z 16s	1.00um	5.2MszX		WRA	87.30	232 P	34 26.60	0.1
LRM	36.58	77 eP	28 50.50	3.7X	OBN	70.94	345 eP	32 56.00	-1.5		0.5s	0.40nm		3.9mb X
BONR	37.52	92 eP	28 55.38	0.6		1.0s	35.00nm	5.4mb		SLR	150.55	328 iPKPc	41 31.60	5.4X
HHA1	37.98	81 (P)	29 03.89	5.5X	EKA	72.07	9 P	33 05.00	0.7		0.9s	10.00nm		
TNP	38.11	91 (P)	29 04.97	5.3X		2.3s	118.10nm	5.5mb			S.D. = 1.2	on 102 of 130 obs.		
PTI	38.22	81 (P)	29 03.21	2.7X	MNK	73.32	350 eP	33 07.00	-4.6X			NOV 21, 1992 08h 32m 56.96±0.74s		
DUG	39.51	85 eP	29 14.25	3.0	CLL	76.76	359 iP	33 32.20	0.8			44.205 N ± 6.1km	11.029 E ± 5.1km	
MAT	40.13	268 eP	29 16.00	-0.3	GUN	77.15	299 P	33 34.60	0.2			DEPTH = 71.5 ± 12.9 km		
DAU	40.33	84 eP	29 18.23	0.0	KSP	77.15	357 eP	33 34.00	0.4			NORTHERN ITALY	(545)	
FCC	40.65	50 eP	29 25.00	4.8X	BRG	77.19	358 iPd	33 34.50	0.8	MME	0.24	267 P	33 07.70	-0.7
MSU	40.93	87 eP	29 30.12	7.0X	ENN	77.21	4 eP	33 35.00	1.2	BDI	0.34	246 P	33 08.30	-0.5
SRU	41.57	85 (P)	29 34.12	5.8X	MOX	77.44	360 eP	33 35.80	0.7	FIR	0.46	159 iPg	33 09.50	-0.1
BOD	42.28	309 eP	29 32.70	-0.9	KKN	77.56	299 P	33 37.00	0.5	PII	0.61	217 P	33 10.90	-0.2
RSSD	42.51	74 eP	29 35.37	-0.6	PKI	77.67	299 P	33 37.60	0.4	SFI	0.66	115 P	33 11.50	-0.2
PV10	42.94	84 (P)	29 42.61	3.1X	GKN	77.74	300 P	33 37.50	0.1	CRE	0.88	131 Pd	33 14.90	0.5
ULM	43.80	62 eP	29 50.00	4.0X	DMN	77.80	299 P	33 38.60	0.8	BOB	1.26	297 P	33 25.40	6.1X
GOL	44.35	80 eP	29 51.49	0.5	PRU	78.06	358 eP	33 38.50	0.0	ARV	1.55	116 P	33 28.60	5.5X
GLD	44.41	80 eP	29 55.15	3.8X	GRF	78.39	0 iPc	33 41.90	1.5	PCP	1.81	282 P	33 27.39	0.7
NRI	46.51	332 ePc	30 06.00	-1.4		1.5s	70.00nm	5.5mb		CKI	1.99	277 P	33 33.80	4.8X
DAG	49.79	9 eP	30 32.20	-0.6	FLN	78.82	8 eP	33 43.00	0.3	FIN	2.03	271 P	33 30.32	0.7
BJI	51.22	288 eP	30 43.50	-0.6	KHC	78.94	359 iPc	33 44.50	1.1	PGF	2.22	222 Pn	33 33.00	0.6
JFWS	Z 18s	1.18um		5.0Msz	LDF	79.02	8 eP	33 44.10	0.3	ROB	2.27	273 P	33 33.70	0.7
WMOK	51.24	67 eP	30 42.03	-2.3	UZH	79.02	353 eP	33 41.00	-2.8	IMI	2.28	264 P	33 33.25	0.0
ZAK	51.56	81 eP	30 46.05	-0.8	GRR	79.16	8 eP	33 45.20	0.6	TMA	2.44	322 ePd	33 35.60	0.1
SSE	51.72	305 iPd	30 47.00	-0.8	GEC2	79.22	358 ePc	33 45.70	0.7	TRI	2.46	51 e(Pn)	33 33.10	-2.4
	1.5s	30.00nm		5.0mb		1.3s	10.90nm	4.7mb		VDL	2.53	335 iPd	33 37.70	0.9
		e	32 08.50				e	33 55.20		OSS	2.56	346 ePd	33 38.80	1.7
	54.24	276 Pd	31 06.50	-0.2	LPF	79.50	8 eP	33 47.40	1.0	ORX	2.59	304 P	33 37.18	-0.4
	2.0s	6.90nm		4.3mb	CDF	79.61	3 eP	33 48.00	0.8	ENR	2.60	272 P	33 38.37	0.8
	Z 20s	0.90um		4.0Msz		1.2s	19.65nm	5.0mb		SBF	2.61	264 Pn	33 38.30	0.5
		eS	38 46.00		WLS	79.62	3 P	33 47.86	0.7	STV	2.66	272 P	33 39.47	1.0
FVM	54.36	72 eP	31 05.10	-2.5X	VITF	79.76	4 P	33 48.59	0.7	VOY	2.73	47 ePn	33 38.80	-0.6
MIAR	54.83	77 eP	31 10.00	-1.1	ECH	79.81	3 P	33 48.84	0.7	BHB	2.77	285 P	33 38.46	-1.5
ELC	55.53	72 eP	31 13.91	-2.2	KIS	79.94	348 iPd	33 50.00	1.2	PZZ	2.83	277 P	33 41.58	0.6
ELT	57.67	317 iPc	31 29.70	-1.4	HAU	79.99	3 eP	33 49.90	0.8	RSP	2.85	291 P	33 39.47	-1.7
	1.3s	40.00nm		5.3mb		Z 20s	0.15um	4.3Msz		CEY	2.86	56 e(Pg)	34 02.10	20.9X
	Z 16s	1.00um		5.0MszX	FEL	80.17	2 P	33 50.71	0.5			eSg	34 12.50	
KEV	57.73	354 iP	31 30.50	-0.8	MOF	80.17	3 P	33 50.82	0.7			e	34 03.50	
SDF	60.08	353 iP	31 47.00	-0.7	BSF	80.18	3 eP	33 50.90	0.7			i	33 46.40	
CBM	60.15	51 (P)	31 55.90	7.5X		0.8s	10.75nm	4.9mb		SQTA	3.02	2 iPnc	33 45.40	1.9
NAV	60.35	66 eP	31 47.98	-2.0	SLE	80.29	2 ePc	33 56.30	5.6X			i	34 19.70	
LZH	61.02	292 Pc	31 54.00	-0.7	BBS	80.57	3 P	33 52.99	0.8					
					LOR	80.61	5 eP	33 53.30	0.9					
						Z 19s	0.15um	4.4Msz						
					LOMF	80.66	3 P	33 53.54	0.8					
					SSF	80.80	5 eP	33 54.40	1.0					

21d 08h

LLS 3.02 333 ePc 33 44.20 0.6
 WTTA 3.09 8 iPnc 33 46.10 1.6
 i 33 47.30
 i 34 20.90
 ISg 34 23.20
 WATA 3.16 7 iPnd 33 47.10 1.7
 i 33 47.40
 i 34 25.20
 FRF 3.23 260 Pn 33 46.90 0.5
 Sn 34 22.20
 LPG 3.31 295 Pn 33 46.70 -1.0
 LPL 3.33 295 Pn 33 47.60 -0.3
 LMR 3.39 295 Pn 33 48.70 0.2
 Sn 34 25.50
 EMS 3.45 304 ePd 33 51.70 2.1
 LRG 3.46 259 Pn 33 50.40 0.9
 Sn 34 27.50
 FEL 4.23 331 ePn 33 59.51 -1.0
 BSF 4.68 322 Pn 34 05.90 -0.8
 Sn 34 54.50
 CDF 4.95 330 Pn 34 09.60 -0.9
 Sn 35 01.80
 HAU 5.00 321 Pn 34 10.60 -0.6
 Sn 35 02.80
 SMF 5.62 298 Pn 34 18.70 -1.1
 Sn 35 18.10
 LBF 5.68 302 Pn 34 19.40 -1.2
 Sn 35 18.90
 LOR 5.88 304 Pn 34 22.10 -1.4
 Sn 35 24.10
 BGF 6.23 295 Pn 34 26.00 -1.4
 S.D. = 1.1 on 41 of 45 obs.

NOV 21, 1992 08h 57m 10.34 ± 0.47s
 52.300 N ± 9.5km 168.689 W ± 5.5km
 DEPTH = 33.0km (normal)
 5.0mb (32 obs.) 4.4Msz (3 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS (9)
 ML 4.6 (PMR).

ADK 4.95 268 ePc 58 22.88 -1.4
 SDN 5.73 55 eP 58 35.87 0.6
 KDC 10.77 53 eP 59 41.94 -3.2X
 SVV 11.36 34 eP 59 52.22 -1.0
 TTA 12.61 27 eP 00 11.75 1.7
 BGL 12.63 38 eP 00 09.88 -0.5
 CRP 12.72 39 eP 00 11.81 0.1
 PMS 13.74 42 eP 00 22.70 -2.2
 KLU 15.39 44 eP 00 42.72 -3.8X
 TOA 15.57 42 eP 00 46.90 -1.9
 IMA 15.73 23 eP 00 49.29 -1.6
 1.0s 8.26nm 3.9mb X
 FBA 16.56 32 eP 00 57.91 -3.3X
 0.9s 21.99nm 4.3mb
 BALM 16.81 48 eP 01 01.18 -3.4X
 YKA 29.97 49 eP 03 20.20 2.8X
 0.7s 3.60nm 4.3mb
 MBC 30.45 21 eP 03 21.00 -0.5
 0.5s 4.00nm 4.5mb
 DPW 32.16 77 eP 03 36.63 -0.2
 SES 35.24 70 eP 04 03.00 -0.4
 LRM 36.60 77 eP 04 20.80 5.6X
 MEMM 37.33 93 (P) 04 24.68 3.6X
 BONR 37.54 92 eP 04 24.01 0.7
 PTI 38.25 81 (P) 04 31.93 3.0X
 DUG 39.53 85 eP 04 42.80 3.1X
 0.9s 3.10nm 4.1mb
 MAT 40.11 268 eP 04 43.00 -1.3
 1.1s 26.58nm 4.9mb
 DAU 40.36 84 eP 04 47.38 0.7
 FCC 40.66 50 ePd 04 53.50 5.0X
 MSU 40.96 87 eP 04 52.79 1.3
 SRU 41.60 85 eP 04 57.80 1.1
 RSSD 42.54 74 eP 05 04.03 -0.4
 0.7s 2.89nm 4.1mb
 ULM 43.81 62 eP 05 17.00 2.6X
 GOL 44.37 80 eP 05 19.62 0.2
 0.8s 6.35nm 4.5mb
 DAG 49.79 9 eP 06 00.00 -1.1
 1.0s 18.00nm 5.1mb
 BJI 51.20 288 eP 06 11.50 -0.7
 0.9s 11.00nm 4.8mb
 Z 20s 0.40um 4.5Msz
 JFWS 51.26 67 (P) 06 10.00 -2.7
 0.8s 9.18nm 4.8mb
 WMOK 51.58 81 eP 06 14.13 -1.2
 0.7s 6.80nm 4.7mb

SSE 54.22 276 P 06 31.50 -3.3X
 MIAR 54.85 77 eP 06 37.66 -1.8
 1.3s 14.37nm 4.8mb
 EEO 54.91 57 eP 06 41.50 1.7
 ELC 55.55 72 eP 06 42.00 -2.5
 KEV 57.72 354 iP 06 58.30 -1.2
 0.8s 29.30nm 5.4mb
 SDF 60.07 353 iP 07 16.00 0.1
 LZH 61.00 292 P 07 21.50 -1.3
 1.4s 53.00nm 5.5mb
 Z 10s 0.30um 4.5Msz
 KAF 65.32 352 iP 07 49.70 -1.0
 0.6s 30.20nm 5.6mb
 NUR 67.04 353 iP 08 00.90 -0.7
 0.7s 38.50nm 5.6mb
 NAO 67.23 0 P 08 01.80 -1.1
 0.8s 15.50nm 5.2mb
 HFS 67.90 359 eP 08 05.20 -1.9
 0.5s 6.50nm 5.0mb
 OBN 70.93 345 iPc 08 24.50 -1.2
 1.0s 17.00nm 5.1mb
 EKA 72.07 9 P 08 33.00 0.5
 0.9s 18.70nm 5.1mb
 WTS 76.01 3 eP 08 56.00 0.6
 0.9s 19.00nm 5.1mb
 CLL 76.76 359 iPd 09 00.00 0.4
 1.4s 22.00nm 5.0mb
 GUN 77.12 299 P 09 01.40 -1.1
 KSP 77.15 357 iPd 09 02.40 0.6
 BRG 77.18 358 eP 09 02.20 0.3
 1.2s 22.00nm 5.1mb
 ENN 77.21 4 eP 09 03.00 0.9
 1.0s 23.00nm 5.2mb
 MOX 77.43 360 eP 09 04.10 0.8
 1.3s 22.00nm 5.0mb
 KKN 77.54 299 P 09 03.80 -0.8
 PKI 77.64 299 P 09 05.00 -0.3
 GKN 77.71 300 P 09 05.30 -0.2
 DMN 77.78 299 P 09 06.00 0.0
 DOU 77.82 4 P 09 05.80 0.3
 PRU 78.05 358 P 09 07.50 0.0
 0.9s 19.00
 GRF 78.39 0 iPc 09 10.30 1.7
 1.3s 44.00nm 5.3mb
 Z 22s 0.10um 4.1Msz
 VRAC 78.67 356 eP 09 21.80 38kmX
 1.2s 84.10nm 5.6mb
 KHC 78.93 358 Pc 09 12.90 1.3
 1.2s 15.00nm 4.9mb
 GEC2 79.21 358 ePKPc 09 13.80 0.5
 1.0s 7.90nm 4.6mb
 PSZ 79.89 354 eP 09 18.30 1.4
 SLE 80.28 2 eP 09 19.80 0.9
 WTTA 80.82 360 iPc 09 23.10 1.1
 0.7s 15.10nm 5.1mb
 KBA 80.99 359 iPc 09 24.10 1.3
 0.8s 30.60nm 5.4mb
 LLS 81.19 2 ePd 09 25.50 1.5
 DSS 81.39 1 ePd 09 26.70 1.8
 VDL 81.58 1 eP 09 27.70 1.7
 TMA 81.95 2 ePd 09 29.40 1.5
 MMK 81.99 2 iPc 09 30.10 1.9
 SKO 85.70 352 e(P) 09 47.70 0.9
 HYB 89.54 298 ePd 10 05.50 -0.3
 1.0s 50.00nm 5.8mb
 GBA 93.28 297 P 10 22.40 -0.5
 CIR 145.04 326 ePKP 16 47.00 1.3
 BUL 145.19 331 iPKPd 16 45.60 -0.5
 S.D. = 1.2 on 66 of 78 obs.

* NOV 21, 1992 09h 00m 26.91 ± 1.23s
 3.141 S ± 13.2km 134.004 E ± 18.8km
 DEPTH = 33.0km (normal)
 4.7mb (3 obs.)
 IRIAN JAYA REGION, INDONESIA (196)
 TLE 2.78 207 ePc 01 10.50 0.5
 AAI 5.82 264 eP 02 04.50 11.2X
 MTN 10.05 196 eP 02 46.30 -5.9X
 iS 04 23.00
 KNA 13.55 202 iPd 03 32.80 -6.5X

0.7s 44.00nm 5.4mb X
 WB2 16.70 179 iPc 04 11.60 -8.6X
 0.3s 7.60nm 4.3mb
 ASPA 20.41 180 iPd 05 03.20 -0.8
 eS 08 27.00
 CTA 20.65 146 iP 05 07.00 0.4
 MBL 22.60 216 eP 05 26.00 -0.1
 0.6s 22.00nm 4.8mb
 GYA 39.56 320 iPc 07 57.00 0.0
 1.0s 21.00nm 4.9mb
 S.D. = 0.7 on 5 of 9 obs.

% NOV 21, 1992 09h 03m 11.37 ± 3.47s
 43.854 N ± 21.3km 8.269 E ± 14.2km
 DEPTH = 10.0km (geophysicist)
 CORSICA (380)

IMI 0.28 282 P 03 17.34 0.0
 S 03 21.92
 FIN 0.36 353 P 03 18.00 0.0
 S 03 25.26
 ROB 0.53 327 P 03 21.96 -0.1
 S 03 30.75
 PCP 0.72 16 P 03 25.49 0.0
 S 03 35.78
 ENR 0.72 302 P 03 25.44 -0.1
 S 03 35.46
 STV 0.79 300 P 03 26.54 -0.2
 S 03 36.88
 PZZ 1.06 308 P 03 31.80 0.3
 S 03 45.53
 S.D. = 0.2 on 7 of 7 obs.

% NOV 21, 1992 09h 09m 58.98 ± 0.81s
 41.117 N ± 7.2km 28.721 E ± 5.8km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.6 (ISK).

ISK 0.26 181 iPg 10 04.50 0.0
 ISg 10 07.50
 YLV 0.74 138 eP 10 13.50 0.0
 eSg 10 24.00
 KCT 0.91 198 iPn 10 16.50 0.1
 BNT 0.97 219 ePn 10 17.50 0.0
 EDC 1.01 221 ePn 10 18.00 -0.1
 DMK 1.01 314 ePn 10 18.10 0.0
 S.D. = 0.1 on 6 of 6 obs.

NOV 21, 1992 09h 21m 25.40 ± 0.66s
 18.608 S ± 7.1km 69.326 W ± 8.6km
 DEPTH = 134.6 ± 11.6 km
 4.0mb (1 obs.)
 NORTHERN CHILE (123)

CNCB 2.20 36 iPd 22 03.60 0.5
 LPB 2.37 30 iPd 22 05.30 0.2
 1.0s 480.00nm
 ZOBO 2.57 26 iPd 22 07.80 -0.1
 ARE 2.97 316 iPc 22 12.60 0.1
 iS 22 51.50
 CCH 3.27 69 P 22 15.80 -0.8
 YJA 5.04 135 ePc 22 41.50 1.0
 ANT 5.17 191 eP 22 41.20 -0.6
 SIV 8.30 73 eP 23 24.00 -0.3
 YKA 88.34 341 eP 34 02.70 0.1
 0.8s 1.30nm 4.0mb
 S.D. = 0.7 on 9 of 9 obs.

? NOV 21, 1992 09h 21m 41.10 ± 1.10s
 6.973 S ± 26.5km 11.737 W ± 22.0km
 DEPTH = 10.0km (geophysicist)
 4.9mb (3 obs.)
 ASCENSION ISLAND REGION (408)

KIC 14.97 28 P 25 13.20 -1.4
 BAO 32.27 70 iPd 28 12.10 -0.3
 0.7s 6.00nm 4.6mb
 SIV 49.07 255 eP 30 36.00 5.1X
 CNCB 55.74 254 eP 31 22.00 0.6
 LPB 55.84 255 (P) 31 18.00 -3.9X
 ZOBO 55.86 255 P 31 21.00 -1.3
 SKO 57.37 29 eP 31 33.30 1.3
 GRF 59.87 17 eP 31 52.00 2.7X
 GEC2 59.89 19 e(P) 31 50.00 0.5
 1.1s 10.80nm 4.9mb

KHC 60.10 19 eP 31 51.00 0.1
e 32 36.00
MOX 60.84 17 eP 31 56.40 0.5
1.8s 35.00nm 5.2mb
PSZ 61.36 24 eP 32 00.60 1.1
CLL 61.83 17 iP 32 12.60 10.0X
MLR 62.17 29 ePd 32 04.00 -1.1
S.D. = 1.1 on 10 of 14 obs.

* NOV 21, 1992 09h 37m 48.65 ± 1.75s
32.638 S ± 11.2km 70.096 W ± 11.7km
DEPTH = 118.0 ± 20.7 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.7 (SAN).

JACH 0.42 264 iP+ 38 06.35 0.1
iS 38 19.67
FCH 0.71 193 iP+ 38 08.40 -0.1
iS 38 22.96
PEL 0.71 224 iPd 38 08.09 -0.1
iS 38 22.64
ROCH 0.84 246 iP+ 38 09.73 0.2
iS 38 25.07
SAN 0.94 210 iP 38 10.11 -0.1
iS 38 25.91
PCH 1.04 200 iP+ 38 11.29 0.0
iS 38 28.63
TACH 1.23 215 iP+ 38 13.26 0.0
iS 38 31.82
CHCH 1.37 200 iP+ 38 14.96 0.1
iS 38 34.76
LCCH 1.49 236 iPd 38 16.48 0.3
iS 38 36.56
CACH 1.53 196 iPd 38 17.40 0.5
iS 38 38.80
LNV 1.71 220 iP 38 18.28 -0.6
iS 38 40.49
CFA 1.88 57 eP 38 21.00 0.0
S 38 44.80
S.D. = 0.3 on 12 of 12 obs.

? NOV 21, 1992 09h 41m 09.90 ± 5.54s
35.059 S ± 50.7km 70.947 W ± 17.2km
DEPTH = 100.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.8 (SAN).

CACH 0.98 17 iPd 41 30.40 -0.2
iS 41 48.49
CHCH 1.15 12 iP+ 41 32.38 0.0
iS 41 52.84
LNV 1.17 341 iPd 41 32.40 0.0
iS 41 51.44
TACH 1.40 0 iPd 41 35.42 0.1
iS 41 57.22
PCH 1.48 14 iP+ 41 36.75 0.4
iS 41 59.90
LCCH 1.66 342 iP+ 41 38.61 0.0
iS 42 02.58
FCH 1.81 18 iP+ 41 40.85 0.0
iS 42 07.53
PEL 1.92 7 iP 41 41.65 -0.4
iS 42 09.25
ROCH 2.08 359 iP 41 44.42 0.1
iS 42 13.29
JACH 2.39 7 iP 41 48.19 -0.1
iS 42 20.04
S.D. = 0.2 on 10 of 10 obs.

% NOV 21, 1992 10h 01m 47.79 ± 0.78s
42.562 N ± 4.8km 18.586 E ± 6.8km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.3 (TTG).

HCY 0.13 210 iPgD 01 51.14 0.2
iSg 01 53.83
BDV 0.33 147 iPgD 01 54.43 -0.2
iSg 01 59.83
BRY 0.34 355 iPgD 01 54.71 -0.2
iSg 02 00.07
NKY 0.39 50 iPgC 01 55.87 0.0
iSg 02 02.12
TTG 0.52 105 iPgC 01 58.24 0.0
iSg 02 06.08
ULC 0.77 140 iPgD 02 02.83 -0.1
iSg 02 14.53

IVA 1.02 72 iPgD 02 07.32 0.3
iSg 02 22.43
S.D. = 0.2 on 7 of 7 obs.
NOV 21, 1992 11h 01m 45.84 ± 0.55s
7.540 N ± 6.1km 63.164 W ± 5.6km
DEPTH = 10.0km (geophysicist)
4.4mb (1 obs.)

VENEZUELA (101)
Felt at Guri and Ciudad Bolivar.

TPP 3.24 31 eP 02 38.14 0.5
i 02 39.30
GUAN 3.43 315 iP 02 41.90 1.3
TRN 3.54 29 eP 02 41.93 -0.1
eS 03 23.09
OLLA 4.36 305 eP 02 54.20 0.4
eS 03 47.40
LLAV 4.63 309 iP 02 58.50 0.9
CAR 4.74 309 ePc 02 59.30 0.0
GRW 4.82 18 eP 03 00.50 0.2
eS 03 55.04
GUAC 4.84 303 eP 02 59.10 -1.5
CEOS 5.33 287 eP 03 07.40 -0.1
iS 04 10.10
SVB 6.00 18 eP 03 16.56 -0.3
i 03 18.85
eS 04 24.31
MORO 6.07 303 eP 03 17.70 -0.2
TOV 6.92 289 iPc 03 30.00 0.1
SDV 7.51 281 ePn 03 37.10 -1.2
iSn 04 53.10
SIV 23.47 175 P 07 01.00 4.4X
ZOBDO 24.18 192 P 07 05.20 1.0
LPB 24.41 192 eP 07 13.00 6.8X
Z 24s 1.16um 4.3MsZx

CNCB 24.66 191 P 07 10.00 1.3
BAO 27.50 147 e(P) 07 33.00 -1.7
e 07 34.20
e 13 51.00
e 14 02.90
e 14 34.00
e 14 45.80
e 15 03.20
e 15 18.00
e 15 32.10
e 15 40.00
e 16 06.20
e 16 09.50
e 16 12.90
e 16 22.00
e 16 26.30
e 16 40.80
e 16 41.50
e 16 48.20
e 16 50.50
e 16 58.00
e 17 07.00
e 17 14.80

ELC 37.91 325 iPd 09 04.59 -0.4
CBM 39.48 355 eP 09 18.10 0.0
ULM 50.54 333 eP 10 47.50 1.1
YKA 66.27 337 eP 12 34.90 -1.3
0.8s 2.30nm 4.4mb
S.D. = 1.0 on 20 of 22 obs.

NOV 21, 1992 11h 07m 27.26 ± 0.60s
6.716 N ± 7.2km 72.901 W ± 9.3km
DEPTH = 174.6 ± 8.0 km
4.0mb (1 obs.)
NORTHERN COLOMBIA (99)

BOG 2.38 209 iPd 08 09.00 0.0
iS 08 40.50
SDV 3.11 46 ePnc 08 18.40 0.6
iSn 08 56.40
TOV 4.33 45 ePn 08 34.20 1.0
iSn 09 23.20
CEOS 5.07 63 iP 08 42.40 -0.5
MORO 6.13 47 iP 08 55.70 -1.2
PSO 7.04 219 eP 09 09.00 -0.2
STH 11.92 342 iPd 10 12.64 -0.3
ZOBDO 23.34 168 eP 12 21.00 -0.8
LPB 23.58 168 P 12 27.00 3.1X
LR 54 56.00
CNCB 23.88 168 P 12 28.00 1.2

LMN 39.61 9 eP 14 47.00 3.8X
ULM 47.46 340 ePc 15 47.50 1.4
YKA 63.44 340 eP 17 39.00 -1.2
0.5s 1.10nm 4.0mb
LIC 67.39 86 P 18 06.30 0.0
KIC 67.66 86 P 18 08.00 0.0
ASPA 149.23 234 iPKPd 26 57.20 4.4X
0.6s 12.10nm
WB2 150.46 241 ePKP 26 59.80 5.1X
0.4s 12.70nm
e 27 37.40
WRA 150.47 241 PKP 26 56.50 1.7X
0.8s 4.20nm
S.D. = 1.0 on 13 of 18 obs.

? NOV 21, 1992 12h 09m 18.53 ± 4.00s
13.926 N ± 42.8km 93.735 W ± 11.8km
DEPTH = 33.0km (normol)
4.2mb (1 obs.)
OFF COAST OF CHIAPAS, MEXICO (68)

TPX 1.73 56 iP 09 46.30 -0.4
iS 10 00.30
SCX 2.99 21 iP 10 05.20 0.5
iS 10 37.50
OXX 4.26 318 iP 10 29.30 6.4X
IISM 6.13 326 (P) 10 48.00 -1.2
PPM 6.94 318 eP 11 01.70 0.7
YKA 50.72 348 eP 18 17.30 0.4
0.6s 1.70nm 4.2mb
GBA 151.28 18 PKP 29 14.80 9.9X
S.D. = 1.1 on 5 of 7 obs.

NOV 21, 1992 12h 55m 49.08 ± 0.18s
45.671 N ± 2.1km 26.656 E ± 1.7km
DEPTH = 136.7 ± 2.3 km
5.2mb (70 obs.)
ROMANIA (358)
MD 4.6 (TTG). Felt (V) in the
Vrancea region and (IV) at
Bucharest. Also felt in northern
Bulgaria.

VRI 0.20 14 iPc 56 07.50 0.2
BRD 0.32 119 iPc 56 10.00 2.4
CYO 0.37 294 iPc 56 21.00 13.1X
MLR 0.53 251 iPc 56 10.00 0.5
ISR 0.54 188 iPc 56 10.00 0.6
BIR 0.90 48 eP 56 11.00 -1.0
BAC 0.91 11 iPc 56 22.00 9.9X
CLI 0.98 26 iPd 56 12.00 -0.7
CFR 1.16 114 iPd 56 14.00 -0.4
MTUR 1.21 249 iPc 56 16.00 1.0
CMP 1.21 251 iPc 56 16.00 1.1
PTT 1.28 352 iPc 56 12.00 -3.6X
BUC 1.32 198 iPc 56 18.00 2.0
BUC1 1.40 199 iPc 56 16.00 -0.8
IAS 1.65 22 iPd 56 38.00 18.4X
DRA 1.97 241 iPd 56 23.00 -0.4
KIS 2.04 48 iPd- 56 23.00 -1.3
iS 56 46.00
DEV 2.63 276 iPd 56 32.50 0.7
GZR 2.74 266 iPc 56 33.00 -0.2
BMR 2.96 314 iPc 56 37.00 1.1
CEI 3.52 306 eP 56 52.00 8.6X
TIM 3.81 273 iPc 56 44.00 -3.2X
DMK 3.93 168 iPn 56 48.60 -0.2
UZH 4.20 316 iPc 56 51.80 -0.5
0.5s 280.00nm

iS 57 36.00
BEO 4.46 261 ePn 57 00.00 4.1X
LVV 4.51 338 eP 56 58.00 1.4
iS 57 47.00
ALN 4.79 186 ePn 57 00.50 0.1
iSn 57 54.42
ITU 4.88 159 ePn 57 07.00 5.5X
ISK 4.93 158 ePn 56 59.40 -2.7
SRS 5.07 207 iPn 57 04.46 0.3
eSn 58 00.98
PSZ 5.16 298 eP 57 04.30 -1.1
VAY 5.27 216 iPnd 57 06.90 0.2
0.7s 943.00nm 6.1mb
i 57 48.70
iSn 58 01.00
i 58 14.30
i 58 20.40
Lg 58 24.80

21d 12h

KNT	5.27	213	ePn	57	07.38	0.5	VKA	7.53	294	iPd	57	36.80	-0.7	MDI	11.85	277	P	58	39.40	4.8X
			eSn	58	06.78			1.5s	213.00nm				5.5mb	VDL	11.97	280	P	58	39.66	3.2X
SKO	5.28	227	iPnd	57	07.10	0.1	ANN	7.55	92	iP	57	37.00	-0.7	BSD	12.04	326	eP	58	43.50	6.4X
	1.3s	881.00nm				5.8mb		0.5s	60.00nm				5.4mb		0.7s	44.00nm				5.1mb
			iPg	57	15.00		SRN	7.58	223	iPnd	57	39.30	1.3	BOB	12.17	272	P	58	41.00	2.0
GBZT	5.29	156	ePn	57	09.20	2.2	KHL	7.65	163	ePn	57	43.00	3.9X	MOS	12.23	31	eP	58	35.00	-4.5X
SIM	5.31	95	iP	57	06.00	-1.4	VRAC	7.72	302	iPd	57	38.90	-1.1		1.0s	330.00nm				5.8mb
	0.8s	2.00nm				3.4mb X		1.7s	524.20nm				5.8mb			iS	00	41.00		
			iS	58	08.00		KEK	7.81	223	eP	57	41.50	0.4	LLS	12.28	282	P	58	42.27	1.7
BNT	5.39	170	ePn	57	50.00	41.5X	ATH	8.00	197	eP	57	43.10	-0.6	TMA	12.40	278	P	58	45.43	3.4X
EDC	5.39	170	ePn	57	05.00	-3.5X	MNK	8.26	4	eP	57	49.00	1.9	VAI	12.49	277	P	58	42.90	-0.1
SOH	5.41	208	iPn	57	09.10	0.3			eS	59	19.00		SLE	12.64	286	P	58	42.88	-2.1	
KCT	5.56	166	iPn	57	10.00	-0.8	LJU	8.47	277	iPd	57	50.90	0.8	ZLA	12.70	285	P	58	44.18	-1.6
BUD	5.57	292	ePd	57	09.80	-1.0		1.5s	700.00nm				6.1mb	ERC	12.96	239	P	58	56.80	7.7X
SPC	5.59	311	eP	57	11.50	0.1	CEY	8.56	275	ePd	57	51.90	0.6	FEL	12.97	286	P	58	47.18	-2.2
			i	58	15.40			1.5s	550.00nm				6.0mb	MMK	13.04	278	P	58	53.20	2.8X
			i	58	28.80		KSP	8.63	311	ePc	57	50.00	-2.2	PGF	13.07	262	P	58	50.47	-0.2
			iPnd	57	11.47	0.1		0.9s	47.00nm				5.2mb	LVI	13.14	239	P	58	59.00	7.6X
IVA	5.60	242	iSn	58	02.70				i	58	03.00			LANF	13.21	291	P	58	51.64	-0.7
GRG	5.64	215	iPn	57	11.62	-0.2			i	00	41.00			LIBD	13.26	288	P	58	52.63	-0.4
OUR	5.68	201	ePn	57	11.74	-0.6	BCK	8.72	159	eP	57	58.00	4.6X	BBS	13.30	285	P	58	50.98	-2.5
			eSn	58	14.98		VOY	8.92	277	ePd	57	53.30	-2.8X	DIX	13.42	279	P	58	56.31	1.0
PLE	5.70	248	iPnd	57	12.34	-0.3			e	57	56.30			WLS	13.45	289	P	58	54.42	-1.0
PVY	5.71	240	iPnd	57	13.10	0.3	TRI	9.03	275	e(Pn)d	57	57.50	0.0	CDP	13.50	289	P	58	55.63	-0.5
			iSn	58	05.22				e(Sn)	59	35.90		ECH	13.56	288	P	58	55.10	-1.8	
EYL	5.71	152	ePn	57	11.00	-1.9			e	00	35.00		SAOF	13.66	270	P	58	58.90	0.7	
THE	5.71	209	iPn	57	12.98	0.2	RBL	9.14	280	P	57	59.00	0.8	MTA	13.71	100	eP	58	59.00	0.2
KKS	5.77	234	iPnc	57	14.00	0.4	PRU	9.22	302	Pd	57	58.70	-1.4			e	01	26.00		
			iSn	58	10.00			1.6s	48.00nm				4.9mb	EMS	13.75	279	P	58	59.13	-0.4
BCI	5.79	238	iPnd	57	14.10	0.3	ELL	9.24	164	ePn	58	15.00	14.5X	GRO	13.78	93	iPc+	59	02.00	2.4
			iSn	58	13.10		KBA	9.31	283	iPd	58	02.10	0.6		1.5s	560.00nm				5.7mb
EZN	5.85	182	iPn	57	14.10	-0.5		1.0s	123.00nm				5.6mb	SBF	13.78	269	P	59	00.94	1.2
GPA	6.01	152	ePn	57	20.20	3.3X			i	58	05.40			AURF	13.85	270	P	59	01.08	0.5
SRO	6.12	293	iP	57	19.00	0.6			i	58	49.60			TOUF	13.87	270	P	59	01.76	0.7
			i	57	31.10				i	59	52.60			MVIF	13.97	270	P	59	03.24	1.0
			i	58	54.80		VLI	9.37	199	eP	58	02.90	0.8	BNI	14.06	275	P	59	04.90	1.5
PAIG	6.14	202	iPn	57	17.90	-0.8	KHC	9.52	296	Pd	58	03.80	-0.3	SURF	14.07	272	P	59	03.42	-0.2
NKY	6.20	245	iPnd	57	19.39	-0.1		1.4s	134.30nm				5.4mb	CALN	14.19	269	P	59	05.47	0.5
			iSn	58	17.29				e	58	13.40		PUL	14.29	8	ePc	59	08.00	2.0	
FNA	6.22	220	ePn	57	20.10	0.3			e	58	23.40					e	01	29.00		
			eSn	58	28.42		SOC	9.55	98	eP	58	04.50	0.1	WLF	14.37	294	P	59	11.00	3.9X
DST	6.23	166	ePn	57	19.80	-0.2			eS	59	44.00		WTS	14.50	303	eP	59	13.00	4.3X	
TTG	6.24	241	iPnd	57	20.10	0.2	FVI	9.68	280	P	58	06.50	0.4		0.8s	14.00nm				4.3mb
			iSn	58	18.28		TDS	9.68	235	P	57	57.30	-0.9X	MEM	14.63	297	iPc	59	15.27	4.9X
OHR	6.24	225	iPnd	57	20.50	0.4	DUI	9.70	250	P	58	05.90	-0.7			i	59	19.07		
	1.0s	441.00nm				5.7mb	SGO	9.74	242	P	58	05.40	-1.5	ENN	14.71	298	eP	59	15.50	4.1X
			i	57	43.00		MGR	9.84	240	P	58	07.90	-0.4		1.0s	50.00nm				4.8mb
			i	58	12.00		BRG	9.94	306	iPc	58	07.80	-1.8			e	00	31.00		
			i	58	17.00			2.0s	44.00nm				4.8mb	NUR	14.91	356	eP	59	09.00	-4.8X
			i	58	26.80				i	58	21.60				0.5s	18.80nm				4.6mb
			Lg	58	31.50		WET	9.96	295	iPd	58	09.70	-0.3	UPP	15.20	342	iP	59	13.70	-3.7X
LIT	6.35	210	ePn	57	20.86	-0.7		1.3s	152.00nm				5.5mb			iS	01	54.00		
			eSn	58	33.26		ARV	10.02	262	P	58	10.20	-0.5	MUD	15.36	321	iPd	59	21.80	2.4X
PRK	6.43	183	eP	57	22.60	0.1	AQU	10.11	256	P	58	11.10	-0.8		0.8s	29.00nm				4.6mb
BRY	6.45	247	iPnd	57	22.57	-0.4	SDI	10.11	251	P	58	11.10	-0.8	DOU	15.43	295	P	59	24.20	3.8X
			iSn	58	23.73		AZI	10.24	254	P	58	07.30	-6.2X		1.0s	50.00nm				4.8mb
KZN	6.45	215	iPd	57	22.90	0.0	WTTA	10.49	284	iPc	58	18.10	1.1	SSB	15.52	276	P	59	20.43	-1.1
LACI	6.45	234	iPnd	57	24.40	1.6		1.0s	45.60nm				5.1mb	SNF	15.69	296	iPd	59	27.94	4.3X
			iSn	58	36.50		WATA	10.53	284	iPc	58	18.20	0.6	UCC	15.69	297	P	59	25.00	1.3
OJC	6.47	317	eP	57	42.20	19.0X	TBZ	10.64	111	ePn	58	15.10	-3.7X	PLDF	16.06	279	P	59	28.18	-0.1
			i	57	44.20		CLL	10.67	307	(Pn)	58	16.00	-3.2X	AGO	16.38	280	P	59	32.99	0.7
			iS	58	51.50				(Sg)	01	46.00		HFS	16.41	337	eP	59	28.40	-4.1X	
BZK	6.48	122	iPn	57	21.00	-2.2	CRE	10.68	264	P	58	19.60	0.2		0.4s	7.50nm				4.3mb
ULC	6.51	238	iPnd	57	23.94	0.2	SQTA	10.78	284	iPc	58	20.50	-0.2	Z	16s	44.00um				6.0Msz
			iSn	58	24.22			0.9s	27.00nm				4.9mb			LR	05	27.00		
TIR	6.56	231	iPnc	57	26.00	1.7	FUR	10.81	289	iPd	58	21.00	-0.1	LBL	16.43	277	P	59	33.39	0.5
			iSn	58	38.00			1.8s	514.00nm				5.9mb	KAF	16.48	359	eP	59	27.80	-5.4X
BDV	6.58	242	iPnd	57	24.64	0.0	SOI	10.95	230	P	58	22.30	-0.6		0.4s	6.80nm				4.3mb
			iSn	58	26.09		FIR	11.12	266	eP	58	25.00	-0.1	PYM	16.51	279	P	59	33.44	-0.4
HCY	6.70	244	iPnd	57	27.32	1.1	GRF	11.15	297	iPd	58	25.00	-0.6	NAO	17.81	334	P	59	45.20	-4.2X
			iSn	58	29.94			1.5s	89.00nm				5.2mb		0.7s	15.80nm				4.4mb
KAS	6.72	127	iPnd	57	24.90	-1.7	MOX	11.21	302	eP	58	25.20	-1.1	EBR	19.63	265	eP	00	09.00	0.1
ZST	7.01	295	iPd	57	29.00	-1.4		1.5s	47.00nm				4.9mb	MOL	20.16	334	eP	00	13.34	-0.8
			i	57	55.30				iS	00	18.00		EKA	21.13	308	Pd	00	24.70	0.7	
			i	58	50.30				e	59	12.90			1.1s	22.20nm					4.5mb
ALT	7.09	158	ePn	57	30.70	-0.9	ATN	11.21	232	P	58	24.70	-1.6	SDF	21.81	360	iP	00	30.60	0.0
RAC	7.20	311	ePn	57	32.00	-1.0	SAL	11.30	275	P	58	32.30	4.9X	APA	22.21	7	iPd	00	34.90	0.4
			e	58	53.00		OBN	11.36	30	iPd	58	23.20	-5.0X	AKUR	22.29	165	iPc	00	39.00	3.5X
			e	59	32.00			1.0s	420.00nm				6.0mb	AGRW	22.53	165	eP	00	41.30	3.3X
TPE	7.25	225</																		

EVIA	22.65	262	eP	00	40.37	1.2	0.7s	6.55nm	4.6mb	CENTRAL CALIFORNIA (39)									
DLF	22.71	302	eP	00	25.60	-13.8X		e	07 14.94	<PAS>P>. ML 3.5 (PAS), 3.6 (GS).									
GUD	22.95	268	eP	00	42.14	0.1	ANM	69.70	6 eP	06 45.80	0.6	Felt (IV) at Caliente and (II)							
DMU	23.00	303	eP	00	30.40	-11.9X	SSE	71.40	64 Pd	06 55.00	-1.0	at Tehachapi.							
EHUE	23.10	261	eP	00	44.34	0.8		1.0s	21.00nm	4.9mb									
DCN	23.16	302	eP	00	25.10	-18.7X	TTA	71.73	1 eP	06 56.75	-0.8	ISA	0.36	17 ePd	11 49.48	-0.3			
TOL	23.18	267	iPd	00	46.80	2.6X		0.6s	3.26nm	4.3mb									
	1.0s	20.00nm	4.5mb				YSS	71.99	40 (P)	06 59.70	0.5	ABL	0.69	228 ePc	11 55.18	-1.0			
ENIJ	23.25	258	eP	00	45.51	0.6	ULM	72.27	325 ePc	07 02.00	1.2	BCH	1.22	264 ePc	12 03.97	-1.9			
KTK1	23.47	357	eP	00	46.08	-0.6	TOA	72.42	356 eP	07 03.70	2.1								
SVE	23.76	50	iPc	00	50.00	0.4	BALM	73.28	354 eP	07 06.62	0.0	SSK	1.33	145 eP	12 07.38	-0.5			
	1.7s	180.00nm	5.3mb				PMS	73.40	358 eP	07 07.70	0.5	PKEM	1.43	302 eP	12 08.36	-1.0			
								0.9s	41.70nm	5.2mb		GSC	1.47	90 ePnd	12 08.48	-1.5			
ECOG	24.04	260	eP	00	52.24	-0.4	SVW	73.56	1 iPc	07 08.69	0.5								
KEV	24.15	0	eP	00	53.00	-0.2		0.8s	31.30nm	5.1mb		PHAM	1.55	290 eP	12 08.57	-2.5			
	0.9s	120.00nm	5.4mb				SLKM	74.15	358 eP	07 11.19	-0.4	PEC	1.85	140 ePn	12 13.71	-1.7			
EGUA	24.26	259	eP	00	53.77	-0.8	IPM	75.83	98 ePc	07 22.10	0.3	PRI	1.87	297 iPd	12 13.57	-2.2			
ELUO	24.38	262	eP	00	55.51	-0.3		0.7s	58.30nm	5.4mb									
EPLA	24.53	269	eP	00	55.62	-1.5	OFUJ	77.47	46 P	07 30.70	0.1	FRI	1.90	332 iPd	12 15.27	-0.7			
ASH	24.73	97	eP	01	01.00	2.0	SES	77.53	334 eP	07 30.00	-0.8								
	1.2s	320.00nm	5.7mb				MAT	77.57	50 eP	07 30.00	-1.2	MTUM	2.03	1 eP	12 18.59	0.4			
MAL	24.90	260	eP	00	59.00	-1.5		1.0s	10.00nm	4.5mb									
EHOR	24.94	263	eP	01	00.15	-0.7	RSSD	80.48	326 eP	07 46.99	-0.1	LLA	2.30	305 iPc	12 19.91	-2.0			
EPRU	25.34	261	eP	01	04.48	-0.2		0.5s	3.86nm	4.4mb									
EVAL	26.10	264	eP	01	09.89	-1.7			eP	08 21.63	138kmX	MMPM	2.32	352 eP	12 22.40	0.0			
BRVK	28.98	59	iPc	01	37.00	-0.4	NEW	81.23	336 eP	07 50.96	0.3								
	0.8s	54.00nm	5.3mb				LRM	82.01	332 eP	07 55.00	0.0	MRCM	2.35	2 ePn	12 23.44	0.6			
FRU	34.07	77	iP	02	24.00	2.0	GMW	83.37	340 eP	08 02.98	1.3	MEMM	2.36	354 ePn	12 23.63	0.9			
							MIAR	83.63	314 eP	08 02.91	-0.3	PLM	2.43	143 ePn	12 22.06	-1.9			
								1.1s	17.08nm	4.8mb		PRS	2.47	295 iPc	12 21.68	-2.6			
									eP	08 36.60	132kmX								
DAG	36.18	344	eP	02	39.10	-0.3	LNO	83.63	316 eP	08 02.20	-0.8	BONR	2.65	5 ePn	12 27.25	0.2			
	0.8s	21.64nm	5.0mb				TUL	83.63	316 ePc	08 02.50	-0.7	SAO	2.72	303 iPd	12 26.33	-1.5			
NRI	38.24	30	iPc	02	57.50	0.8		1.0s	41.40nm	5.2mb		TNP	2.98	22 ePn	12 31.64	0.0			
	1.5s	53.00nm	5.1mb				HHA1	84.23	331 eP	08 07.37	1.2	CMB	3.07	333 ePn	12 32.39	-0.4			
ELT	38.46	56	iPc	02	59.10	0.4	DUG	87.13	330 eP	08 20.79	0.2	ARN	3.12	312 ePn	12 31.54	-1.9			
	1.5s	85.00nm	5.3mb					0.8s	6.63nm	4.7mb		COE	3.15	309 (P)	12 31.71	-2.2			
									eP	08 55.43	135kmX	GCC	3.23	303 ePd	12 32.20	-2.9			
BCAO	41.68	192	iPc	03	25.40	-0.2	PV10	87.34	327 eP	08 22.08	0.3	KVN	3.75	6 (Pn)	12 41.57	-1.1			
	0.6s	34.00nm	5.2mb						eP	08 57.08	137kmX	JEGM	3.81	306 (P)	12 40.69	-2.6			
							BONR	90.98	333 eP	08 39.68	0.7	HMR	3.82	319 (P)	12 43.18	-0.3			
NDI	42.96	95	iPc	03	37.50	1.6			(pP)	09 14.37	134kmX	GLA	3.86	125 (Pn)	12 43.03	-1.1			
	0.7s	113.01nm	5.7mb				WRA	116.24	92 PKP	14 17.80	0.0								
POO	47.37	109	iPc	04	10.20	-0.9		1.0s	0.80nm			BKS	3.88	312 iPc	12 42.80	-1.6			
TIC	47.57	225	P	04	12.40	-0.2	S.D. = 1.0 on 221 of 273 obs.					ZSP	3.94	313 iPc	12 43.66	-1.5			
KIC	47.67	224	P	04	12.90	-0.5	% NOV 21, 1992 13h 37m 42.34 ± 0.80s					NTYM	4.47	315 eP	12 50.58	-2.1			
	0.4s	16.00nm	5.1mb				40.576 N ± 8.9km 30.096 E ± 5.9km					ORV	4.82	332 eP	12 58.92	1.2			
							DEPTH = 10.0km (geophysicist)					ARUT	4.83	58 (Pn)	12 57.41	-0.7			
LIC	47.93	225	P	04	14.80	-0.6	TURKEY (366)					MSU	6.06	56 (Pn)	13 16.85	1.5			
GKN	48.57	91	Pc	04	20.84	0.4	MD 2.7 (ISK).					SRU	7.48	57 (Pn)	13 34.67	-0.6			
DMN	49.14	91	Pc	04	25.54	0.6						PV10	8.25	65 (Pn)	13 46.94	0.7			
	0.6s	108.00nm	5.0mb				EYL	0.05	102 iPg	37 44.40	-0.2	36 obs. associated							
KKN	49.15	90	Pc	04	25.22	0.2	GPA	0.33	150 iPg	37 49.70	0.5	& NOV 21, 1992 15h 24m 10.89s							
	0.6s	213.00nm	6.1mb				YLV	0.55	269 iPg	37 53.60	0.0	59.949 N 147.067 W							
ZAK	49.34	55	iPc	04	26.80	1.0						DEPTH = 18.6km							
	0.8s	29.00nm	5.1mb				ISK	0.93	302 ePg	38 00.40	0.4	GULF OF ALASKA (15)							
PKI	49.37	90	Pc	04	26.98	0.2						<AEIC>. ML 2.8 (AEIC).							
	0.7s	64.00nm	5.5mb																
GUN	49.50	90	Pc	04	28.10	0.3	KCT	1.37	257 iPn	38 07.40	-0.1	LTI	0.09	4 ePd	24 14.59	-0.1			
	0.7s	132.00nm	5.9mb				DST	1.49	230 ePn	38 09.80	0.7	MTU	0.11	70 ePc	24 14.86	0.0			
TIK	51.01	23	iPc	04	38.00	-0.3	ALT	1.52	180 ePn	38 09.00	-0.7	KNIM	0.41	9 iPd	24 18.77	-0.5			
BOD	51.78	43	iPc	04	42.20	-2.1	BNT	1.67	263 ePn	38 11.50	-0.3								
GBA	53.29	110	P	04	55.00	-0.8	EDC	1.72	263 ePn	38 12.00	-0.5	SEW	0.81	282 iPc	24 24.96	-1.1			
KOD	55.81	113	eP	05	19.40	4.8X	S.D. = 0.5 on 9 of 9 obs.												
MBC	56.42	351	ePc	05	17.30	-0.6						HIN	0.82	56 iPc	24 25.16	-1.1			
	0.9s	11.00nm	4.8mb																
LZH	57.04	70	iPc	05	24.00	1.0	? NOV 21, 1992 14h 32m 01.66 ± 2.95s												
	1.0s	89.00nm	5.7mb				24.678 N ± 18.4km 122.622 E ± 39.3km					MPA	0.92	307 ePd	24 26.88	-1.1			
LMN	60.17	306	ePd	05	45.80	1.5	DEPTH = 63.4 ± 36.2 km												
CBM	61.37	309	eP	05	50.51	-1.8	4.2mb (2 obs.)					MID	0.93	123 eP	24 27.39	-0.9			
	0.5s	4.30nm	4.7mb				TAIWAN REGION (243)												
BJI	62.52	60	eP	06	00.00	-0.1	TWC	0.71	265 iPd	32 16.20	-0.2	GLI	1.01	22 ePc	24 27.91	-1.6			
	1.2s	65.00nm	5.4mb																
KMI	63.01	81	Pc	06	04.00	0.3	TWZ	1.04	294 iPd	32 20.70	0.1	FID	1.06	40 iPc	24 28.25	-2.2			
	1.2s	80.00nm	5.5mb				TWD	1.11	238 ePd	32 21.60	0.1								
BRW	63.31	1	iPd	06	04.89	0.1	TWQ	1.68	257 ePc	32 29.20	-0.1	PTE	1.08	328 ePd	24 29.09	-1.7			
CHG	64.49	89	ePc	06	13.40	0.1	TKW	2.41	235 ePd	32 39.60	0.1				</				

21d 15h

BRK	1.53	264	eP	24	36.76	-0.7
			eS	24	56.82	
PMS	1.55	328	ePc	24	36.14	-1.5
RAGM	1.66	73	eP	24	36.96	-2.3
			S	25	00.04	
KAIM	1.74	89	eP	24	38.09	-2.3
CNPM	1.76	257	eP	24	39.86	-0.8
PLRM	1.76	340	eP	24	39.80	-0.9
PMR	1.76	340	ePn	24	39.10	-1.6
KLU	1.82	31	ePc	24	40.20	-1.5
			eS	25	01.95	
HMT	1.85	76	eP	24	39.35	-2.6
NKA	1.86	297	eP	24	43.55	1.5
SML	1.88	353	eP	24	41.64	-0.8
GHO	1.90	345	eP	24	41.60	-1.2
			S	25	03.92	
SCM	1.91	8	eP	24	41.98	-1.0
			S	25	04.40	
HOM	1.93	263	eP	24	42.10	-1.1
PWA	1.97	331	eP	24	43.60	-0.1
SUA	2.08	318	eP	24	44.79	-0.6
TOA	2.32	20	eP	24	49.00	0.2
SPU	2.41	303	eP	24	48.21	-1.9
TZL	2.42	28	eP	24	49.81	-0.3
CGLM	2.45	306	eP	24	49.27	-1.5
REF	2.47	285	eP	24	49.37	-1.7
CKT	2.48	302	eP	24	49.48	-1.7
			eS	25	19.52	
CROM	2.49	69	ePc	24	48.79	-2.5
DFR	2.49	287	eP	24	48.99	-2.2
			S	25	19.77	
CRP	2.49	304	ePn	24	47.97	-3.4
GLB	2.49	51	ePc	24	49.27	-2.0
RDW	2.52	284	eP	24	50.89	-1.0
BGL	2.59	303	eP	24	51.32	-1.4
NCT	2.60	286	eP	24	50.72	-2.1
TGL	2.63	70	eP	24	50.82	-2.5
SKT	2.71	320	eP	24	52.29	-2.1
BALM	2.94	66	ePc	24	55.00	-2.7
YAH	3.09	80	eP	24	56.39	-3.5
PDB	3.19	270	eP	24	59.81	-1.4
CTGM	3.39	70	eP	25	01.63	-2.5
TRF	3.70	343	eP	25	07.84	-0.7
FBA	4.97	0	ePn	25	24.21	-2.1

0.3s 1.20nm

53 obs. associated

NOV 21, 1992 16h 28m 34.18± 0.53s
 46.021 N ± 4.1km 2.979 E ± 3.4km
 DEPTH = 7.1 ± 5.3 km

FRANCE (538)
 ML 2.2 (LDG).

AGO	0.11	73	Pg	28	36.72	0.0
			Sg	28	38.37	
PYM	0.27	176	Pg	28	39.82	0.0
			Sg	28	43.50	
MAF	0.35	305	Pg	28	41.20	-0.1
			Sg	28	45.80	
PLDF	0.45	96	Pg	28	43.15	-0.1
			Sg	28	49.13	
BGF	0.54	350	Pg	28	45.40	0.3
			Sg	28	52.10	
TCF	0.60	297	Pg	28	45.80	-0.4
			eS	28	53.50	
AVF	0.81	18	Pg	28	49.70	-0.5
			Sg	29	00.10	
SMF	0.86	43	Pg	28	51.10	0.0
			Sg	29	03.20	
LSF	1.03	283	Pg	28	54.30	0.3
			Sg	29	07.30	
SSF	1.10	19	Pg	28	55.10	0.0
			Sg	29	09.30	
LBF	1.19	35	Pg	28	56.70	0.1
			Sg	29	12.30	
LOR	1.39	26	Pg	29	00.30	0.4
			Sg	29	17.70	

S.D. = 0.3 on 12 of 12 obs.

NOV 21, 1992 16h 29m 51.56± 1.24s
 48.857 N ± 11.7km 113.684 W ± 12.6km
 DEPTH = 5.0km (geophysicist)

MONTANA (456)
 ML 3.4 (GS), 3.4 (PGC).

NEW	2.36	257	ePn	30	32.07	0.5
			ePg	30	34.65	

LRM	3.15	164	P	31	03.23	0.5
DPW	3.17	254	(P)	30	42.71	-0.4
			ePg	30	51.02	
			eS	31	32.87	
LCCM	3.26	157	P	30	44.50	0.0
SLEB	3.68	311	Pg	30	58.70	8.1X
			Sg	31	44.70	
MEMT	3.74	149	P	30	56.29	4.9X
BGMT	3.80	162	P	30	55.70	3.5X
MCMT	4.07	172	P	30	55.59	-0.5
MNB	4.49	320	Pn	31	02.00	0.0
			Sg	32	11.30	

S.D. = 0.5 on 6 of 9 obs.

NOV 21, 1992 17h 11m 11.89± 1.33s
 32.932 S ± 7.9km 71.584 W ± 9.6km
 DEPTH = 15.7 ± 8.1 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.1 (SAN).

IHA	0.11	207	iPc	11	15.80	0.4
			iS	11	21.30	
ROCH	0.48	95	iPd	11	21.87	0.1
			iS	11	31.86	
LCCH	0.54	179	iPd	11	22.37	-0.2
			iS	11	32.38	
PEL	0.78	106	iP+	11	27.10	0.4
			iS	11	40.74	
JACH	0.87	74	iPd	11	26.78	-1.5
			iS	11	40.27	
TACH	0.90	143	iPd	11	28.82	0.1
			iS	11	43.29	
SAN	0.93	124	iPd	11	29.61	0.4
			(S)	11	46.13	
LNK	1.03	172	iP+	11	29.70	-1.2
			iS	11	46.13	
PCH	1.13	128	iPd	11	32.87	0.2
			(S)	11	51.75	
FCH	1.16	110	iPd	11	32.89	-0.4
			iS	11	51.03	
CHCH	1.27	142	iP+	11	34.87	0.0
			iS	11	55.31	
CACH	1.44	145	iPd	11	38.14	0.7
			iS	12	01.11	
RTCB	2.77	59	eP	11	56.60	0.1
			(S)	12	40.00	
CFA	3.13	66	e(P)	12	01.70	0.2
RFA	3.18	126	ePc	12	57.30	55.0X
MRA	4.98	86	eP	12	28.10	0.3

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

NOV 21, 1992 17h 51m 07.87± 0.72s
 71.113 N ± 10.1km 7.001 W ± 5.5km
 DEPTH = 10.0km (geophysicist)
 3.4mb (1 obs.)
 JAN MAYEN ISLAND REGION (639)
 MD 3.8 (BER).

JNE	0.44	254	iPd	51	17.08	0.2
JNW	0.47	260	iPd	51	17.72	0.2
JMI	0.60	253	iPd	51	19.65	-0.3
			iS	51	26.50	
DAG	6.54	336	eP	52	46.00	-0.3
			eS	53	55.00	
ARA0	10.99	83	Pn	53	48.42	0.5
NRA0	12.79	135	Pn	54	11.86	-0.4
GEC2	24.35	145	eP	56	34.60	8.0X
	1.0s				1.08nm	3.4mb

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

NOV 21, 1992 18h 27m 32.78± 0.15s
 16.325 S ± 4.6km 175.932 W ± 4.7km
 DEPTH = 379.6km (12 depth phases)
 5.0mb (41 obs.)
 TONGA ISLANDS (173)

CENTROID, MOMENT TENSOR (HRV)						
Data Used: GDSN						
L.P.B.: 24S, 46C						
Centroid Location:						
Origin Time	18:27:40.5	0.8				
Lat 15.79S 0.07 Lon 175.97W 0.06						
Dep 378.3 1.6 Half-duration 1.4						
Moment Tensor: Scale 10 ¹⁷ Nm						
Mrr=-0.56 0.06 Mtt=1.39 0.08						
Mff=-0.83 0.09 Mrt=0.09 0.07						
Mrf=-0.73 0.07 Mtf=1.65 0.09						

Principal Axes:
 T Val= 2.30 P1g= 6 Azm=151
 N -0.26 64 50
 P -2.03 25 244
 Best Double Couple: Mo=2.2*10¹⁷
 NP1: Strike=284 Dip=68 Slip=-15
 NP2: 20 76 -158

AFI	4.68	60	iPd	28	53.00	2.0
VUN	5.61	252	iPd	29	02.40	1.4
SVA	5.65	251	iPd	29	03.00	1.6
SGE	6.01	257	iPc	29	08.10	2.6X
PVC	15.13	262	iPc	30	51.00	1.1
BKM	15.20	263	iPc	30	52.20	1.6
DZM	17.59	248	iPc	31	14.20	-1.2
URZ	22.69	194	eP	32	03.50	-0.9
WLZ	22.72	198	eP	32	06.70	1.9
NOZ	22.83	192	eP	32	08.60	2.9X
MOZ	23.55	198	eP	32	14.40	2.1
QRZ	26.38	200	eP	32	38.40	0.4
THZ	27.11	199	eP	32	43.90	-0.6
			e	32	56.00	47km
DSZ	27.45	200	eP	32	48.00	0.5
KHZ	27.53	197	eP	32	46.80	-1.3
LTZ	28.23	199	eP	32	52.70	-1.7
LMZ	30.06	202	eP	33	09.50	-0.7
BRS	30.98	244	iPd	33	18.00	-0.5
	0.9s	12.50nm				4.2mb
MMCZ	31.23	201	eP	33	19.40	-1.2
MHZ	31.23	200	eP	33	19.20	-1.4
SBCZ	31.25	200	eP	33	19.40	-1.3
LSCZ	31.25	200	eP	33	19.50	-1.2
TLC	31.42	201	eP	33	21.30	-0.9
TUZ	31.91	199	eP	33	26.70	0.5
ARMA	32.78	239	eP	33	33.90	-0.1
	0.5s	16.00nm				4.6mb
RMO	34.30	247	iPd	33	46.40	-0.3
	0.5s	34.00nm				4.9mb
CTA	36.06	258	iPd	34	01.00	-0.6
	1.0s	22.50nm				4.5mb
CNB	36.26	232	iPc	34	04.00	0.9
	0.4s	85.00nm				5.4mb
CAN	36.54	232	iPd	34	05.80	0.4
PMG	36.59	276	eP	34	06.80	0.8
BWA	36.66	234	eP	34	05.00	-1.4
CMS	37.86	239	iPd	34	16.40	0.1
	0.2s	26.00nm				5.2mb
QLP	38.31	248	iPd	34	19.70	-0.4
MDG	39.11	282	eP	34	28.40	1.7
TOO	40.00	230	iPd	34	35.00	1.2
	0.5s	88.00nm				5.3mb
STK	41.47	240	eP	34	50.00	4.2X
			e	36	39.80	
BFD	42.07	232	eP	34	52.10	1.5
	0.9s	35.00nm				4.6mb
WB2	47.25	258	iPc	35	30.40	-1.0
	0.5s	335.60nm				5.9mb
		eS	41	56.00		
WRA	47.26	258	P	35	30.90	-0.6
	0.5s	59.70nm				5.1mb
ASPA	47.51	253	iPd	35	33.30	-0.1
	0.4s	464.10nm				6.1mb X
		iS	41	58.20		
MTN	51.24	266	eP	36	00.70	-0.8
FORT	52.82	244	iPd	36	12.20	-0.8
	0.5s	109.00nm				5.4mb
KNA	53.01	262	eP	36	13.50	-1.0
WARB	54.05	249	iPd	36	21.40	-0.5
COOL	58.77	244	iPd	36	53.70	-1.1
	0.5s	56.00nm				5.2mb
MBL	60.67	255	iPd	37	03.90	-3.8X
	0.5s	65.00nm				5.4mb
MEEK	61.21	248	iPd	37	08.80	-2.4
	0.4s	13.00nm				4.8mb
KLB	61.65	243	iPd	37	13.60	-0.4
	0.6s	58.00nm				5.3mb
RKG	62.18	239	iPc	37	18.00	0.5
	0.6s	23.00nm				4.9mb
MUN	82.95	242	iPc	37	22.40	-0.1
MRWA	63.31	245	eP	37	24.50	-0.4
NANU	64.45	252	iPd	37	32.40	0.2
	0.6s	87.00nm				5.6mb
MAT	68.10	321	eP	37	53.00	-1.7
	1.0s	20.00nm				4.8mb
TRT	70.11	268	ePc	37	50.00	-17.3X
SPA	73.78	180	iPc	38	30.10	2.1
	1.0s	36.00nm				5.0mb

21d 18h

BHB 151.45 355 PKP 46 42.06 5.1X
 PCP 151.62 353 PKP 46 43.71 6.4X
 LPO 151.63 4 iPKPd 46 44.10 6.9X
 0.7s 15.00nm
 PZZ 151.79 355 PKP 46 43.44 5.8X
 BDI 151.80 350 PKPd 46 43.00 5.4X
 ARV 151.88 346 PKPd 46 44.90 7.3X
 ROB 151.93 354 PKP 46 43.94 6.2X
 FIR 151.96 349 ePKP 46 45.00 7.3X
 FIN 151.98 354 PKP 46 43.62 5.8X
 STV 152.03 355 PKP 46 43.85 5.9X
 ENR 152.04 355 PKP 46 43.48 5.5X
 IMI 152.31 354 PKP 46 45.36 7.0X
 SBF 152.40 355 iPKPd 46 45.50 7.1X
 1.1s 43.95nm
 FRF 152.77 356 ePKP 46 46.50 7.6X
 1.2s 53.55nm
 PGF 153.53 352 ePKP 46 48.00 7.9X
 1.2s 66.35nm
 BCAA 161.52 232 iPKPd 46 50.00 -0.3
 0.9s 23.00nm
 ic 47 39.00
 S.D. = 1.0 on 153 of 244 obs.

* NOV 21, 1992 18h 52m 54.59±0.81s
 16.114 S ±22.4km 176.031 W ±16.1km
 DEPTH = 395.7 ± 8.5 km
 4.7mb (9 obs.)

FIJI ISLANDS REGION (181)

AFI 4.66 63 iPd 54 13.50 0.0
 VUN 5.59 250 iPc 54 22.50 -0.8
 BKM 15.13 262 iPc 56 12.80 1.9
 DZM 17.58 248 iPc 56 36.10 0.0
 CNB 36.32 232 iPd 59 24.70 0.6
 0.8s 38.00nm 4.8mb
 CMS 37.89 239 iPd 59 37.30 0.3
 1.0s 21.00nm 4.4mb
 TOO 48.06 230 iPc 59 55.40 0.6
 0.7s 57.00nm 5.0mb
 STK 41.49 240 eP 00 10.80 4.4X
 WB2 47.20 258 iPc 00 51.00 -0.5
 0.5s 59.90nm 5.2mb
 WRA 47.21 258 P 00 51.50 -0.1
 0.6s 12.30nm 4.4mb
 ASPA 47.48 253 iPd 00 53.60 0.0
 0.8s 131.60nm 5.3mb
 eS 07 18.90
 WARB 54.03 249 iPd 01 41.90 -0.3
 MBL 60.63 255 eP 02 24.50 -3.2X
 MEEK 61.20 248 iPd 02 29.10 -2.3
 0.4s 7.00nm 4.5mb
 NANU 64.42 252 eP 02 53.00 0.7
 SLKM 79.14 13 eP 04 17.23 -0.2
 CRP 79.44 11 eP 04 18.51 -0.7
 BALM 81.47 16 eP 04 29.81 0.1
 PV09 82.82 47 eP 04 38.73 1.4
 FBA 83.58 12 iPc 04 40.01 -0.1
 0.7s 17.15nm 4.9mb
 IMA 83.64 9 ePc 04 41.17 0.6
 0.7s 2.30nm 4.0mb
 KSP 143.97 347 ePKP 11 44.30 -0.6
 CLL 144.15 350 iPKP 11 44.70 -0.5
 GRF 145.99 352 ePKP 11 52.00 3.6X
 GEC2 146.40 348 ePKP 11 52.20 3.0X
 1.1s 2.76nm
 S.D. = 0.9 on 21 of 25 obs.

NOV 21, 1992 18h 58m 21.47±0.59s
 44.599 N ±7.3km 10.055 E ±5.8km
 DEPTH = 5.0km (geophysicist)
 NORTHERN ITALY (545)

BOB 0.46 291 P 58 29.90 -0.9
 eSg 58 37.80
 MME 0.61 131 P 58 34.00 0.2
 eSg 58 45.00
 BDI 0.66 144 P 58 34.10 -0.6
 eSg 58 45.40
 PII 0.94 159 P 58 40.20 0.4
 eSg 58 52.20
 PCP 1.08 268 P 58 47.14 4.8X
 MDI 1.20 348 P 58 44.40 0.1
 eSg 59 00.20
 ROB 1.59 260 P 58 49.66 -0.8
 CRE 1.68 125 P 58 51.60 -0.1
 STV 1.99 261 P 58 57.08 0.9

BHB 2.01 278 P 58 57.62 1.2
 RSP 2.06 287 P 58 57.44 0.1
 PZZ 2.11 268 P 58 57.62 -0.5
 S.D. = 0.8 on 11 of 12 obs.

? NOV 21, 1992 19h 03m 29.93±5.14s
 47.428 N ±40.8km 7.243 E ±9.8km
 DEPTH = 10.0km (geophysicist)

SWITZERLAND (544)

BSF 0.51 323 Pg 03 39.90 -0.3
 Sg 03 46.50
 FEL 0.69 49 ePg 03 43.52 -0.1
 HAU 0.84 314 Pg 03 46.30 0.2
 Sg 03 57.90
 CDF 0.98 1 Pg 03 48.90 0.2
 Sg 03 59.30
 S.D. = 0.4 on 4 of 4 obs.

* NOV 21, 1992 19h 03m 59.05s
 35.149 N 117.096 W
 DEPTH = 7.5km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 3.5 (PAS), 3.2 (GS).

GSC 0.28 57 iPd 04 04.52 -0.4
 SSK 1.06 208 eP 04 18.19 -1.2
 PEC 1.26 182 ePd 04 21.81 -0.8
 eS 04 38.47
 ABL 1.77 261 ePn 04 28.48 -2.0
 PLM 1.80 174 ePn 04 29.93 -0.9
 iPg 04 31.88
 eS 04 55.33
 BCH 2.45 272 ePn 04 38.03 -2.1
 MTUM 2.50 332 (Pn) 04 39.74 -1.2
 ePg 04 44.63
 eS 05 16.97
 PKEM 2.62 291 (P) 04 38.53 -3.9
 MRCM 2.76 336 ePn 04 43.43 -1.3
 ePg 04 51.13
 PHAM 2.78 285 ePn 04 42.53 -2.3
 GLA 2.81 137 ePn 04 41.83 -3.4
 ePg 04 50.52
 (S) 05 26.98
 MMPM 2.91 328 ePn 04 45.47 -1.4
 ePg 04 51.97
 eS 05 27.11
 MEMM 2.92 330 ePg 04 52.61 6.0
 Lg 05 32.00
 TNP 2.93 358 ePn 04 45.52 -1.5
 ePg 04 52.15
 BONR 2.96 341 ePn 04 46.35 -1.2
 CMB 3.91 318 ePg 05 08.39 7.6
 Lg 05 59.63
 ARUT 3.95 47 (Pn) 05 02.22 0.7
 ePg 05 11.72
 ARN 4.20 303 eP 05 04.30 -0.7
 MSU 5.18 48 (Pn) 05 16.94 -2.1
 ePg 05 33.68
 19 obs. associated

* NOV 21, 1992 19h 54m 27.95±0.90s
 24.887 S ±7.4km 69.048 W ±12.5km
 DEPTH = 154.4 ± 14.7 km
 NORTHERN CHILE (123)

ANT 1.71 313 iP+ 55 01.30 0.8
 iS 55 20.70
 FSA 2.99 114 iPc 55 16.30 0.4
 SLA 3.23 88 ePc 55 19.00 -0.2
 YJA 4.23 51 ePc 55 33.00 0.5
 CFA 6.73 174 e(P) 56 05.20 -0.3
 CCH 7.94 21 (P) 56 19.00 -3.0
 MRA 8.05 159 e(P) 56 22.20 -0.9
 CNCB 8.10 7 eP 56 25.00 0.7
 LPB 8.36 6 eP 56 35.00 7.3X
 ZOBO 8.60 6 P 56 31.20 0.2
 ARE 8.69 344 e(P) 56 51.00 19.1X
 SIV 11.58 42 P 57 10.00 0.3
 VAO 20.27 89 eP 58 54.80 1.5
 BAO 21.77 69 e(P) 59 08.00 -0.3
 e 59 11.90
 WRA 129.96 209 PKP 13 30.10 8.7X
 0.8s 0.40nm
 GBA 146.52 103 PKP 14 00.00 8.5X
 S.D. = 1.3 on 12 of 16 obs.

* NOV 21, 1992 20h 51m 49.28s
 67.573 N 146.664 W
 DEPTH = 0.0km
 NORTHERN ALASKA (676)
 <AEIC>. ML 2.8 (AEIC).

FYU 1.16 150 iP 52 11.04 -0.8
 eS 52 27.44
 PRP 2.11 167 eP 52 27.09 0.6
 S 52 53.65
 GLM 2.61 187 eP 52 33.25 -0.3
 eS 53 07.96
 MDM 2.70 194 eP 52 33.55 -1.2
 FBA 2.72 190 eP 52 34.42 -0.7
 CCB 2.98 190 eP 52 38.03 -0.6
 S 53 16.36
 MLY 3.04 215 eP 52 38.56 -1.0
 S 53 17.38
 IMA 3.16 245 ePn 52 38.67 -2.7
 ePg 52 46.53
 (S) 53 32.63
 NEA 3.17 199 eP 52 41.45 0.2
 WRH 3.17 191 eP 52 40.72 -0.6
 eS 53 21.24
 HDA 3.18 182 eP 52 41.09 -0.5
 PAX 4.65 173 eP 53 01.05 -1.4
 SDG 5.09 174 eP 53 06.96 -1.7
 TOA 5.50 178 eP 53 14.00 -0.5
 PMS 6.48 193 e(P) 53 34.80 6.5
 15 obs. associated

* NOV 21, 1992 21h 42m 11.11±1.08s
 10.767 N ±12.8km 67.487 W ±5.5km
 DEPTH = 10.0km (geophysicist)
 NEAR COAST OF VENEZUELA (97)

GUAC 0.61 160 iPd 42 22.80 -0.7
 iS 42 30.60
 LLAV 0.73 113 iP 42 25.30 -0.2
 iS 42 35.10
 MORO 0.82 277 iPd 42 27.10 0.0
 iS 42 39.50
 OLLA 1.00 138 iPc 42 30.30 0.1
 iS 42 43.70
 CEOS 1.92 206 iP 42 45.20 1.0
 iS 43 08.70
 GUAN 1.98 114 iPd 42 45.50 0.3
 iS 43 11.20
 TOV 2.47 247 eP 42 51.80 -0.3
 iPP 42 52.00
 iS 43 22.50
 SDV 3.62 239 ePn 43 08.30 -0.3
 eSn 44 01.50
 S.D. = 0.6 on 8 of 8 obs.

NOV 21, 1992 22h 39m 32.92±0.13s
 56.665 S ±4.8km 26.405 W ±5.2km
 DEPTH = 20.1km (geophysicist)
 5.9mb (19 obs.) 6.6Ms± (60 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=165 Dip=67 Slip= 90
 NP2: 345 23 90
 Principal Axes:
 T P1g=68 Azm=75
 P 22 255
 Comment: The focal mechanism is
 poorly controlled and
 corresponds to reverse
 faulting. The preferred fault
 plane is NP2.
 MOMENT TENSOR SOLUTION
 Dep 33 No. of sta: 4
 Moment Tensor: Scale 10¹⁸ Nm
 Mrr=5.79 Mtt=-1.54
 Mff=-4.25 Mrt=-0.58
 Mrf=-2.58 Mtf=3.12
 Principal axes:
 T Vol= 6.64 P1g=71 Azm=122
 N -0.05 17 332
 P -6.58 9 239
 Best Double Couple: M=6.6×10¹⁸
 NP1: Strike=310 Dip=39 Slip= 63
 NP2: 163 56 110
 CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 38S, 96C M.W.: 26S, 60C
 Centroid Location:
 Origin Time 22:39:42.1 0.1
 Lat 56.42S 0.01 Lon 25.35W 0.01
 Dep 15.0 FIX Half-duration 5.3
 Moment Tensor: Scale 10**18 Nm
 Mrr= 6.12 0.05 Mtt=-0.27 0.05
 Mff=-5.85 0.04 Mrt=-2.34 0.17
 Mrf= 4.01 0.19 Mtf= 2.39 0.04
 Principal Axes:
 T Vol= 7.67 Plg=71 Azm=230
 N 0.53 5 336
 P -8.20 18 68
 Best Double Couple: Mo=7.9*10**18
 NP1: Strike=167 Dip=28 Slip= 102
 NP2: 334 63 84

AIA 19.98 229 eP 44 11.60 5.1X
 NVL 21.51 146 iPc 44 19.20 -2.9X
 1.8s 1143.00nm 6.0mb
 Z 16s 132.00um 6.4MszX
 N 17s 65.00um
 E 16s 81.00um
 e 44 34.00
 e 45 06.00
 e 45 40.00
 e 46 02.00
 e 47 26.00
 iS 48 23.60
 LPA 30.48 302 iPd+ 45 47.60 1.2
 1.0s 736.00nm 6.5mb
 Z 20s 60.99um 6.2Msz
 eS 50 56.00
 SPA 33.51 180 iPc 46 13.10 0.2
 1.1s 488.10nm 6.3mb
 Z 18s 23.53um 5.9Msz
 i 51 39.90
 MRA 36.28 295 ePc 46 36.80 0.3
 TCA 36.60 297 iP 46 38.50 -0.9
 VAO 36.84 327 eP 46 42.00 0.5
 e 46 45.50
 e 46 54.80
 e 47 06.10
 CACH 37.45 288 eP 46 45.15 -1.4
 MDZ 37.50 291 i(P) 46 47.50 0.6
 i 47 15.20
 PCH 37.79 289 eP 46 49.06 -0.3
 FCH 37.90 289 eP 46 50.39 -0.2
 TACH 37.98 288 eP 46 50.30 -0.6
 LNV 38.00 287 eP 46 49.78 -1.2
 CFA 38.20 293 ePc 46 51.80 -1.0
 PEL 38.25 289 iPd 46 52.72 -0.4
 LCCH 38.45 288 eP 46 54.34 -0.5
 ZON 38.48 293 eP 46 55.20 0.1
 RTLL 38.54 293 eP 46 55.30 -0.3
 ROCH 38.55 289 ePd 46 55.11 -0.8
 CER 38.82 73 eP 46 51.50 -6.5X
 1.0s 160.00nm 5.7mb
 IHA 38.84 288 eP 47 02.00 4.0X
 MAW 39.40 143 P 47 02.00 -0.3
 CYA 39.57 299 iPd 47 03.00 -1.2
 FSA 41.66 300 iPd 47 20.20 -1.1
 SLA 42.56 302 ePc 47 29.80 0.8
 BAO 44.11 329 e(P) 47 39.00 -2.6X
 e 47 40.50
 e 47 41.20
 e 47 42.90
 e 47 44.10
 e 47 47.90
 e 47 57.80
 e 48 08.30
 e 48 27.90
 e 48 34.20
 e 48 52.30
 e 49 04.00
 e 49 31.00
 e 50 09.20
 e 50 15.50
 e 50 25.10
 e 50 42.80
 e 51 03.10
 e 51 31.90
 e 51 35.00
 e 52 08.50
 e 52 13.80
 YJA 44.77 304 ePd 47 47.00 -0.2

SBA 45.50 184 iPc 47 55.00 3.2X
 ANT 45.79 297 iP+ 47 57.30 2.6X
 BLF 45.81 76 iPc 47 52.80 -2.3X
 0.7s 10.00nm 4.9mb X
 CRZF 47.17 113 iPd 48 12.00 6.6X
 ePPP 50 23.00
 iS 55 07.00
 iSS 58 25.00
 SIV 48.32 313 P 48 18.00 3.3X
 CCH 49.23 306 eP 48 22.00 -0.1
 SLR 49.62 75 iPc+ 48 19.00 -5.8X
 0.9s 61.34nm 5.6mb
 Z 19s 67.36um 6.7Msz
 CNCB 50.56 305 Pc 48 33.80 1.2
 LPB 50.86 305 iPc 48 35.20 0.5
 1.0s 930.00nm 6.7mb
 Z 21s 35.13um 6.4Msz
 LR 04 22.00
 ZOBO 51.09 305 ePc 48 35.83 -0.8
 ePd 48 42.45 22kmX
 ARE 52.49 301 iPc 48 47.00 0.1
 CSY 53.17 160 eP 48 50.70 -0.3
 0.6s 55.50nm 5.7mb
 PAF 53.90 126 eP 49 01.00 4.4X
 eS 55 42.00
 eSPP 56 35.00
 eSS 59 18.00
 eSSS 80 15.00
 DRV 56.57 174 eP 49 16.50 0.8
 S 57 05.00
 SS 01 36.00
 SSS 03 10.00
 NNA 58.93 298 iPc 49 33.26 0.3
 1.0s 270.00nm 6.3mb
 Z 22s 24.07um 6.3Msz
 ePd 49 39.71 21kmX
 eP 49 42.36
 LIC 65.08 24 Pc 50 09.20 -4.8X
 KIC 65.28 24 Pc 50 10.30 -5.0X
 1.1s 146.50nm 6.0mb
 TIC 65.49 23 Pc 50 11.80 -4.8X
 MCQ 69.11 183 P 50 43.09 4.1X
 PSO 70.69 305 ePKP 50 50.50 0.9
 BCAO 71.00 48 iPc 50 45.00 -6.0X
 0.8s 70.00nm 5.8mb
 ic 51 00.00
 id 52 46.00
 MBO 71.23 10 iPc 50 51.40 -0.8
 BOG 72.31 309 iPKP 51 01.50 2.2
 TPP 72.75 324 eP 50 59.65 -1.7
 TRN 73.05 324 eP 50 58.49 -4.6X
 GUAN 73.86 320 eP 51 07.80 -0.2
 BMG 74.09 311 ePKP 51 07.00 -2.4
 NAI 74.50 68 iPd 51 14.00 2.1
 Z 18s 3.09um 5.6Msz
 PP 54 08.00
 PPP 55 50.00
 S 00 52.00
 SS 04 34.00
 GRW 74.55 324 eP 50 59.65 -12.3X
 SDV 74.75 314 ePd 51 12.30 -1.0
 CAR 74.83 319 iPd 51 12.00 -1.6
 TOV 75.25 316 eP 51 16.20 0.3
 SVV 75.50 325 eP 51 17.52 0.3
 MORO 75.68 317 iP 51 18.80 0.4
 MVM 76.56 326 eP 51 24.20 0.9
 BIM 76.58 326 eP 51 23.27 -0.1
 FDF 76.81 326 eP 51 24.92 0.3
 TUZ 76.87 191 eP 51 24.40 -0.2
 0.8s 284.00nm 6.4mb
 ODZ 77.65 192 eP 51 30.30 1.3
 0.7s 87.00nm 5.9mb
 CMCZ 77.71 191 eP 51 29.80 0.4
 SBCZ 77.76 191 eP 51 29.80 0.1
 LRCZ 77.78 191 P 51 30.00 0.1
 MHZ 77.79 191 P 51 29.90 0.0
 MMCZ 77.87 191 P 51 30.50 0.2
 MGG 77.97 326 eP 51 31.05 0.1
 PAG 78.19 325 eP 51 31.93 -0.4
 SFG 78.25 326 eP 51 31.60 -0.9
 SEG 78.49 326 eP 51 34.15 0.3
 MQZ 78.72 194 eP 51 34.40 -0.5
 MGH 79.01 325 eP 51 36.97 0.2
 BPA 79.20 326 eP 51 32.75 -5.0X
 NEV 79.51 325 eP 51 38.61 -0.8
 LTZ 79.68 194 eP 51 40.10 -0.1
 CPB 79.75 326 eP 51 36.10 -4.6X

KHZ 79.86 195 eP 51 40.90 -0.2
 THZ 80.59 195 eP 51 46.20 1.1
 DSZ 80.76 194 eP 51 44.50 -1.4
 SNZO 80.78 196 P 51 30.70 -15.2X
 (S) 01 48.00
 e 02 25.00
 e 07 18.00
 CPD 81.45 322 eP 51 49.00 -0.7
 QRZ 81.57 194 eP 51 48.70 -1.4
 LPR 81.68 322 eP 51 51.00 0.1
 PORP 81.71 322 eP 51 50.50 -0.5
 CLLP 81.71 322 eP 51 50.50 -0.5
 MGP 81.82 321 eP 51 50.00 -1.6
 URZ 83.36 198 eP 52 00.90 1.5
 MQZ 83.51 197 eP 51 59.30 -0.9
 AAE 84.32 64 eP 52 04.50 -0.4
 S 02 36.00
 YHJ 85.25 313 iPd 52 11.15 2.0
 PCJ 85.39 312 iPd 52 12.93 3.1X
 HOJ 85.46 313 iPd 52 12.44 2.3
 GWJ 85.52 313 iPd 52 12.49 1.9
 STH 85.55 313 iPd 52 12.68 2.1
 TOO 85.88 174 iPc 52 13.10 0.9
 i 52 46.00
 i 55 37.00
 ANTZ 85.96 15 iP 52 08.00 -4.4X
 i 52 09.50
 i 53 21.50
 BFD 86.05 171 eP 52 12.80 -0.2
 0.8s 44.00nm 5.7mb
 MUN 86.18 149 iPc 52 13.10 -0.6
 1.0s 240.00nm 6.4mb
 Z 20s 16.20um 6.4Msz
 N 20s 10.30um
 E 20s 7.40um
 KLB 86.98 150 eP 52 18.00 0.4
 CAN 88.29 176 iPKPc 52 25.10 1.1
 CNB 88.31 177 iPc 52 25.70 1.6
 ARO 88.50 66 ePd 52 29.00 3.9X
 COOL 88.55 153 eP 52 25.00 -0.2
 MRWA 88.71 148 eP 52 26.00 0.0
 TIO 88.75 16 iP 52 27.00 1.0
 BWA 89.16 176 iPKPc 52 28.90 0.8
 TPX 89.70 298 (P) 52 32.80 2.1
 FORT 90.24 158 eP 52 34.20 1.0
 AVE 91.05 16 iP 52 36.00 -0.5
 i 52 46.00
 STK 91.22 170 iPd 52 41.60 4.0X
 iS 03 14.50
 IFR 91.63 18 iPd 52 40.00 0.6
 i 53 22.50
 CMS 91.95 173 eP 52 42.00 1.0
 RAR 93.09 223 ePc 52 48.33 2.0
 ePd 52 55.03 21kmX
 ARMA 93.25 178 eP 52 50.60 3.4X
 1.3s 58.00nm 5.8mb
 PLAT 94.07 17 iP 52 52.00 1.7
 MOMI 94.27 17 iP 52 52.00 0.7
 WARB 94.38 156 eP 52 50.00 -2.3X
 EJIF 94.44 17 eP 52 52.70 0.7
 ASW 94.62 52 iP+ 52 52.00 -1.1
 eS 03 26.00
 MAL 94.88 18 iPd 52 55.50 1.5
 iS 04 12.00
 EVAL 95.35 16 eP 52 56.80 0.6
 ENIJ 95.51 19 eP 52 59.50 2.6X
 ELUD 95.72 18 eP 52 59.80 1.9
 EHOR 95.82 17 eP 53 00.60 2.3
 LIS 96.13 13 eP 52 49.00 -10.7X
 BRS 96.28 179 iPc 53 03.00 2.0
 1.5s 4.00nm 4.7mb X
 e 56 53.00
 QLP 96.70 172 eP 53 03.40 0.5
 RMO 97.08 176 eP 53 05.90 1.3
 0.8s 22.00nm 5.8mb
 e 56 52.50
 MBL 97.43 148 eP 53 02.70 -3.5X
 EPLA 97.88 16 eP 53 09.70 2.1
 TOL 98.02 17 eP 53 05.00 -3.2X
 iPP 57 20.00
 iS 04 36.00
 ASPA 98.27 162 iPd 53 08.70 -1.4
 1.5s 58.70nm 5.9mb
 Z 21s 23.20um 6.7Msz
 ePP 57 05.70
 iS 03 46.50
 GUD 98.75 17 eP 53 15.00 3.4X

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GTA	141.26	93	ePKP	59	04.00	0.8
	Z 22s	13.50um				6.7MsZ
	E 19s	7.63um				
		PKS	02	29.00		
		SKKS	08	50.00		
WHN	142.23	117	PKP	59	00.50	-4.5X
	Z 20s	8.13um				6.5MsZ
	N 18s	6.00um				
		PP	02	06.00		
XAN	142.24	108	PKPd	58	57.60	-7.4X
	Z 22s	8.39um				6.5MsZ
	N 18s	4.77um				
	E 18s	8.12um				
		SKKS	08	58.00		
		SS	20	38.00		
ELT	142.59	66	ePKP	58	58.10	-6.8X
	1.3s	6.00nm				
		e	26	10.00		
SIT	142.76	301	PKP	59	10.00	5.0X
	Z 19s	9.62um				6.6MsZ
MBC	144.72	336	ePKPc	59	05.40	-2.5X
	1.0s	162.00nm				
NJ2	145.65	121	PKPc	59	09.00	-1.8
	N 10s	1.24um				
		sPKP	59	23.00		
UER	145.72	73	iPKPc	59	06.80	-3.5X
	1.0s	470.00nm				
		e	59	16.00		
SSE	145.93	125	iPKPc	59	09.39	-1.9
	Z 20s	15.10um				6.8MsZ
	N 17s	7.30um				
	E 16s	3.00um				
		ed	59	17.50		
		SS	21	26.00		
TIY	146.08	107	ePKP	59	11.60	-1.2
	Z 20s	10.50um				6.6MsZ
	N 20s	13.50um				
BTO	147.68	101	ePKP	59	12.00	-2.0
	N 20s	5.82um				
	E 16s	1.79um				
BALM	147.77	305	ePKP	59	10.91	-2.6X
TIA	148.15	114	PKP	59	14.00	-0.7
	Z 25s	9.21um				6.5MsZX
	E 17s	5.17um				
		sPKP	59	21.00		
HHC	148.69	102	PKP	59	13.50	-2.1
	Z 34s	8.00um				6.3MsZX
	N 17s	3.42um				
	E 17s	4.46um				
		PKS	02	50.00		
NRI	149.41	39	iPKPd	59	12.50	-3.2X
	1.6s	497.00nm				
	Z 22s	38.00um				7.1MsZ
	E 20s	20.00um				
		e	02	54.00		
		ePPS	15	50.00		
MOY	149.45	77	ePKP	59	16.90	0.7
	1.5s	404.00nm				
KLU	149.55	305	ePKP	59	13.42	-2.8X
TOA	149.85	306	ePKP	59	15.00	-1.6
KAGJ	150.01	139	ePKP	59	21.50	3.8X
ZAK	150.02	80	ePKP	59	15.30	-1.8
	1.5s	460.00nm				
		eSS	23	00.00		
BJI	150.56	108	ePKPc	59	15.05	-2.4X
	Z 24s	5.10um				6.2MsZX
	N 20s	6.65um				
		ePKPbc	59	23.22		
PMR	151.04	304	ePKP	59	14.18	-4.1X
	Z 19s	16.07um				6.8MsZ
PMS	151.14	303	ePKP	59	15.00	-3.6X
	1.1s	256.20nm				
		i	59	25.40		
KUMJ	151.20	137	ePKP	59	24.90	5.4X
SLKM	151.23	301	ePKP	59	15.51	-3.2X
COL	151.25	311	ePKPc	59	14.89	-3.7X
		ePKPbc	59	24.16		
		ePKPab	59	33.18</		

21d 22h

DL2 152.49 117 ePKP 59 18.00 -3.2X
 E 18s 8.81um
 SHNJ 152.72 136 PKP 59 28.90 7.3X
 IMA 153.85 313 ePKP 59 17.47 -5.0X
 e 59 30.95
 SVW 153.94 301 ePKP 59 18.83 -3.8X
 e 59 30.39
 TTA 154.48 305 ePKP 59 22.11 -1.2
 SDN 154.66 287 ePKP 59 22.48 -1.1
 Z 21s 11.57um 6.7Msz
 BRW 154.75 325 ePKP 59 18.64 -4.6X
 SNY 155.68 115 PKPc 59 25.00 -0.4
 Z 18s 8.79um 6.6Msz
 N 18s 5.95um
 E 19s 6.94um
 SKKS 10 16.00
 CIT 156.47 84 ePKP 59 26.00 -0.3
 MAJO 157.37 146 ePKPc 59 27.26 -0.6
 ePKPbc 59 37.94
 MAT 157.37 146 ePKP 59 26.00 -1.9
 CN2 158.06 114 PKPc 59 27.00 -1.4
 Z 20s 9.38um 6.6Msz
 N 20s 4.81um
 E 20s 8.27um
 ePKP 59 40.00
 PKPab 00 00.00
 ePP 03 39.00
 SKKS 10 24.00
 HIA 158.49 96 IPKPC 59 26.28 -2.5X
 e 59 48.79
 ePKPab 00 03.36
 BOD 158.85 70 ePKP 59 25.00 -3.0X
 1.3s 83.00nm
 MDJ 160.70 118 ePKPc 59 28.49 -2.7X
 Z 20s 18.50um
 N 19s 11.70um
 E 19s 7.16um
 PP 03 53.00
 SS 24 00.00
 OFUJ 160.72 151 ePKP 59 32.90 1.5
 TIK 161.76 25 ePKP 59 30.00 -1.4X
 KUSJ 165.28 154 ePKP 59 35.50 -0.2
 ASAJ 165.65 146 ePKP 59 36.40 0.5
 SMY 167.52 260 PKP 59 50.00 12.9X
 Z 21s 17.90um
 KUR 168.00 160 ePKP 59 43.00 5.4X
 YSS 168.24 141 IPKPC 59 37.59 -0.1
 1.2s 50.00nm
 e 59 58.78
 ePKPob 00 48.77
 e 04 36.00
 e 06 37.00
 ePPS 18 20.00
 S.D. = 1.1 on 235 of 358 obs.
 ? NOV 21, 1992 23h 09m 07.31 ± 2.72s
 45.563 S ± 11.8km 166.729 E ± 25.0km
 DEPTH = 140.3 ± 20.1 km
 OFF W. COAST OF S. ISLAND, N.Z. (161)
 BCZ 0.89 120 Pd 09 29.00 -1.5
 S 09 40.40
 SIZ 1.63 144 P 09 38.80 0.9
 TLC 1.69 78 Pd 09 38.50 -0.3
 MMCZ 1.79 73 Pd 09 40.10 0.3
 CMCZ 1.84 78 P 09 40.60 0.1
 eS 10 00.00
 MHZ 1.87 75 Pd 09 41.20 0.4
 SBCZ 1.88 76 Pd 09 41.10 0.2
 LRCZ 1.91 76 Pd 09 41.70 0.3
 LSCZ 1.91 77 Pd 09 41.50 0.2
 TUZ 2.07 102 P 09 43.10 0.0
 eS 10 04.10
 BWZ 2.46 66 P 09 47.90 0.0
 LMZ 2.59 45 P 09 50.30 0.8
 ODZ 2.81 81 Pd 09 52.30 -0.1
 EWZ 3.59 57 P 10 02.60 0.0
 MQZ 4.62 68 P 10 15.80 -0.4
 LTZ 4.86 57 P 10 18.00 -0.8
 DSZ 5.30 46 eP 10 25.40 -0.1
 S.D. = 0.6 on 17 of 17 obs.
 NOV 21, 1992 23h 11m 50.62 ± 0.26s
 56.316 S ± 8.0km 25.581 W ± 8.4km
 DEPTH = 33.0km (normal)
 5.4mb (7 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

AIA 20.56 229 eP 16 28.30 -0.3
 NVL 21.55 147 IPc 16 38.20 -0.4
 1.8s 110.00nm 5.0mb
 VAO 36.80 326 eP 18 58.20 1.1
 TCA 36.85 296 IP 18 55.50 -1.9
 MAW 39.40 143 P 19 19.89 1.6
 SLA 42.77 301 ePd 19 45.50 -1.1
 ANT 46.04 296 IPd 20 13.20 0.5
 SIV 48.42 312 P 20 35.40 3.9X
 CCH 49.40 305 P 20 39.40 0.1
 CNCB 50.75 303 P 20 50.70 0.8
 i 20 07.00
 LPB 51.04 304 P 20 53.00 1.0
 e 20 09.00
 ZOBO 51.27 304 P 20 54.00 0.0
 e 20 10.00
 ARE 52.71 300 IPc 21 04.80 0.3
 NNA 59.17 297 IPc 21 50.50 0.0
 1.0s 75.00nm 5.8mb
 LIC 64.58 23 P 22 26.70 0.1
 1.0s 37.00nm 5.4mb
 KIC 64.77 23 P 22 27.80 -0.1
 1.0s 39.50nm 5.5mb
 TIC 64.99 23 P 22 29.40 0.1
 1.0s 45.50nm 5.5mb
 BCAO 70.42 47 IPc 23 03.50 0.1
 0.6s 14.00nm 5.2mb
 ic 23 22.30
 GUAN 73.89 319 IP 23 24.90 0.9
 SDV 74.84 314 IPc 23 29.70 0.1
 CAR 74.87 318 eP 23 44.00 14.3X
 THZ 81.05 194 eP 24 04.10 0.8
 DSZ 81.21 193 eP 24 02.30 -1.8
 BFD 86.33 171 eP 24 31.10 0.9
 CAN 88.61 176 eP 24 41.50 0.2
 BWA 89.47 175 eP 24 46.30 0.9
 ASPA 98.46 161 eP 25 26.80 0.1
 1.2s 12.00nm 5.3mb
 UYO 107.32 306 IPKPC 30 29.60 15.1X
 SRU 118.91 298 ePKP 30 36.02 -0.7
 MSU 119.27 296 ePKP 30 37.99 0.5
 RSSD 119.72 306 ePKP 30 37.44 -0.7
 DAU 120.27 298 ePKP 30 39.51 0.0
 NDI 120.33 83 ePKP 30 39.00 -0.5
 ULM 121.07 315 ePKP 30 42.50 2.3
 BONR 121.97 291 ePKP 30 43.26 0.5
 HHA1 123.00 300 ePKP 30 44.96 0.7
 COE 123.21 289 ePKP 30 44.24 -0.5
 DMN 123.88 90 PKP 30 46.02 -0.7
 GKN 123.92 90 PKP 30 45.74 -0.9
 PKI 124.02 91 PKP 30 45.82 -1.3
 KKN 124.12 90 PKP 30 46.26 -0.9
 GUN 124.55 91 PKP 30 47.88 -0.2
 LRM 124.91 302 ePKP 30 49.10 1.0
 SDF 129.30 23 IPKPC 30 53.00 -2.5X
 YKA 136.97 317 ePKP 31 01.30 -8.9X
 0.8s 5.00nm
 LZH 140.68 99 ePKP 31 12.50 -5.6X
 1.5s 16.00nm
 MBC 144.59 336 ePKPd 31 23.10 -0.3
 1.0s 27.00nm
 SSE 145.75 123 PKPd 31 27.50 0.8
 1.4s 147.00nm
 BALM 147.94 305 ePKP 31 31.63 2.1
 KLU 149.72 305 ePKP 31 30.03 -2.2X
 ePKPbc 31 37.63
 KAGJ 149.96 137 PKP 31 38.90 5.5X
 TOA 150.02 306 ePKP 31 32.10 -0.5
 1.2s 266.70nm
 BJI 150.23 107 ePKP 31 40.00 6.5X
 1.4s 119.00nm
 KUMJ 151.14 136 PKP 31 41.30 6.2X
 PMS 151.33 303 ePKP 31 33.00 -1.6
 1.3s 138.80nm
 e 31 41.80
 FBA 151.37 311 ePKP 31 31.32 -3.2X
 IPKPC 31 40.68
 SLKM 151.44 302 ePKP 31 31.47 -3.3X
 ePKPbc 31 40.97
 KDC 151.68 295 ePKP 31 41.66 6.6X
 CP2 152.59 303 (PKP) 31 35.21 -1.4
 ePKPbc 31 44.00
 BGL 152.66 303 ePKP 31 33.98 -2.6X
 ePKPbc 31 43.88
 IMA 153.95 313 ePKP 31 36.42 -1.9

IPKPC 31 47.08
 S.D. = 1.0 on 47 of 61 obs.
 NOV 21, 1992 23h 27m 00.90 ± 1.21s
 12.897 S ± 14.0km 166.764 E ± 17.4km
 DEPTH = 33.0km (normal)
 5.0mb (4 obs.)
 SANTA CRUZ ISLANDS (184)
 BKM 4.95 163 IP 28 16.00 1.0
 IS 29 00.50
 DZM 9.13 182 IPd 29 12.00 -1.5
 IS 30 44.80
 CTA 20.91 247 IPc 31 47.30 4.1
 RMO 21.65 229 IPd 31 50.80 0.2
 0.5s 31.00nm 5.0mb
 STK 29.85 227 IPd 33 08.80 1.3
 WB2 31.83 253 IPd 33 25.50 0.4
 0.4s 7.60nm 4.9mb
 ASPA 32.91 246 IPd 33 33.70 -0.9
 0.4s 22.50nm 5.4mb
 WARB 39.88 245 IPc 34 33.40 -0.2
 0.4s 8.00nm 4.8mb
 KAF 123.32 339 ePKP 45 53.70 -1.9
 0.5s 1.20nm
 NUR 125.00 338 ePKP 45 57.70 -1.2
 0.5s 5.80nm
 GEC2 137.80 334 ePKP 46 24.80 0.9
 0.7s 0.66nm
 S.D. = 1.2 on 9 of 11 obs.
 ? NOV 21, 1992 23h 35m 30.25 ± 4.49s
 38.070 N ± 13.0km 27.099 E ± 44.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.9 (ISK).
 IZM 0.35 21 IPg 35 36.50 -1.0
 ISg 35 42.30
 YER 1.33 134 ePn 35 54.50 -0.3
 KHL 1.93 82 ePn 36 03.50 0.0
 DST 1.94 37 ePn 36 04.40 0.7
 KCT 2.39 24 ePn 36 10.50 0.5
 S.D. = 1.0 on 5 of 5 obs.
 ? NOV 21, 1992 23h 54m 24.52 ± 1.90s
 8.840 S ± 20.1km 127.687 E ± 20.8km
 DEPTH = 176.3 ± 33.0 km
 TIMOR REGION, INDONESIA (289)
 SLK1 3.67 77 IPc 55 22.00 0.1
 MTN 5.22 140 eP 55 37.20 -4.9
 eS 56 44.00
 KNA 6.95 171 IPd 56 05.00 0.2
 IS 57 31.00
 WB2 12.78 150 IPd 57 16.10 -5.1
 0.5s 54.50nm 5.2mb
 eS 59 39.00
 MBL 14.40 211 eP 57 41.40 -0.1
 eS 00 27.00
 ASPA 15.90 159 IPd 57 59.40 -0.7
 0.3s 86.70nm 5.6mb
 eS 00 52.70
 WARB 17.28 183 IPd 58 17.70 0.9
 eS 01 37.50
 NANU 17.96 219 eP 58 23.90 -0.3
 eS 01 55.00
 S.D. = 0.9 on 6 of 8 obs.
 NOV 22, 1992 00h 27m 51.35 ± 0.20s
 56.422 S ± 6.4km 25.733 W ± 6.9km
 DEPTH = 33.0km (normal)
 5.4mb (15 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)
 AIA 20.42 229 eP 32 28.10 0.2
 NVL 21.50 147 IPc 32 38.20 -0.7
 1.2s 58.00nm 4.9mb
 Z 16s 3.90um 4.9Msz
 N 17s 2.00um
 E 16s 3.40um
 ePP 33 03.00
 ePPP 33 24.00
 eS 37 35.00
 SPA 33.76 180 IPc 34 31.70 0.0
 1.0s 275.00nm 6.1mb
 Z 16s 1.96um 4.9Msz

TCA	36.82	296	iPd	34	56.60	-1.3	KMI	131.64	108	ePKP	47	03.00	0.7	N	19s	5.03um								
VAD	36.84	326	eP	34	59.00	0.8	SVE	132.46	48	iPKPd	47	03.00	0.5	KAF	65.33	348	eP	39	39.50	-1.4				
CER	38.40	72	eP	35	12.00	0.9		2.8s	70.00nm					JSC	67.70	63	eP	39	56.22	-0.2				
	0.5s	10.81nm			4.9mb		DAG	133.00	2	ePKP	47	02.00	-1.1	SLL	68.21	354	eP	39	57.30	-1.9				
RTLL	38.79	292	ePd	35	14.00	-0.5		1.2s	31.25nm						0.3s	0.70nm			4.3mb					
MAW	39.36	143	P	35	20.20	1.5	BRVK	134.27	57	ePKP	47	06.00	-0.1	GUN	72.60	293	P	40	27.04	0.3				
SLA	42.75	301	ePd	35	46.30	-0.9	LZH	140.74	99	ePKP	47	09.50	-9.4X	KKN	73.03	293	P	40	29.82	0.7				
BAO	44.10	328	e(P)	35	58.00	-0.1		1.5s	22.00nm					PKI	73.12	293	P	40	29.96	0.2				
			e	36	01.00		GTA	140.89	92	PKP	47	18.40	-0.6	GKN	73.24	294	P	40	30.76	0.5				
			e	36	05.00		XAN	141.96	107	ePKP	47	15.70	-5.3X	DMN	73.27	293	P	40	30.74	0.2				
			e	36	07.00		ELT	142.15	65	ePKP	47	15.00	-5.6X	WRA	82.52	225	P	41	21.00	0.0				
			e	36	10.90			1.0s	14.00nm						0.8s	0.20nm			3.2mb					
			e	36	16.90		MBC	144.65	336	ePKPc	47	23.70	-0.6	GBA	88.62	290	P	41	52.00	0.5				
			e	36	20.00			1.0s	57.00nm					KIC	122.21	8	(PKP)	47	53.00	-0.5				
			e	36	33.20		NJ2	145.45	120	PKPc	47	27.50	0.6		S.D. = 1.0	on 22 of 22 obs.								
YJA	44.94	303	iPd	35	55.60	-9.7X		N 16s	3.83um						NOV 22, 1992	01h 09m	21.06±	0.72s						
BLF	45.39	75	eP	36	15.00	6.5X	E 17s	2.85um							39.595 N ± 6.5km	22.016 E ± 6.0km								
SIV	48.43	312	iPc	36	36.60	4.3X		pPKP	47	38.00					DEPTH = 10.0km	(geophysicist)								
SLR	49.19	75	iPc	36	40.00	1.8		sPKP	47	42.50					GREECE				(364)					
CCH	49.39	305	P	36	40.00	0.0	SSE	145.76	124	PKPd	47	28.00	0.5	AGG	0.62	157	ePg	09	33.40	-0.2				
CNCB	50.73	304	iPc	36	52.00	1.4		pPKP	47	41.00				LIT	0.62	36	ePg	09	33.52	-0.1				
			i	44	05.00		TIY	146.59	106	PKPc	47	30.90	2.1				eSg	09	44.96					
LPB	51.03	304	iPc	36	54.00	1.4	BTO	147.35	100	ePKP	47	32.60	2.7X	FNA	1.28	338	ePb	09	43.56	-1.4				
	1.2s	328.13nm			6.2mb		TIA	147.91	113	PKP	47	31.60	0.8	IGT	1.30	268	ePb	09	45.68	0.5				
			i	44	12.50		BALM	147.93	305	ePKP	47	28.73	-1.5				eSb	10	03.60					
ZOBO	51.26	304	iPc	36	55.00	0.4		ePKPbc	47	33.52							eSb	09	44.84	-0.7				
			e	44	15.00		HHC	148.37	101	PKP	47	32.60	1.0	PAIG	1.32	75	ePb	09	44.84	-0.7				
ARE	52.69	300	iPc	37	05.70	0.7	NRI	148.99	39	iPKPc	47	35.80	4.3X				eSb	10	02.20					
	0.5s	88.03nm			6.0mb			e	47	50.00				SOH	1.60	39	ePb	09	49.52	0.1				
NNA	59.14	297	iP	37	51.50	0.4	MOY	149.03	76	ePKPd	47	37.00	5.0X				eSb	10	10.56					
	1.2s	104.69nm			5.8mb			1.6s	90.00nm					OUR	1.68	63	ePb	09	51.16	0.5				
LIC	64.71	23	P	38	28.00	-0.2	ZAK	149.61	80	ePKP	47	32.00	-1.0				ePb	09	50.88	-0.1				
KIC	64.90	23	P	38	29.00	-0.5		1.2s	53.00nm					VAY	1.78	14	ePn	09	54.00	2.0				
	1.1s	41.50nm			5.4mb			e	47	50.80				QHR	1.78	329	ePn	09	51.70	-0.4				
TIC	65.12	23	P	38	30.60	-0.3	KLU	149.71	305	ePKP	47	31.23	-1.7	SRS	1.94	38	ePb	09	53.96	-0.4				
BCAO	70.56	48	iPd	39	04.10	-0.8		ePKPbc	47	38.53							eSb	10	19.04					
	0.9s	23.00nm			5.2mb		KAGJ	149.94	137	PKP	47	39.40	5.3X	SKD	2.41	350	e(Pn)	10	05.00	3.8X				
			ic	39	15.00		TOA	150.01	306	ePKP	47	32.40	-0.9		S.D. = 1.0	on 11 of 12 obs.								
			ic	39	27.00			i	47	40.30							% NOV 22, 1992	01h 11m	36.76±	0.93s				
SDV	74.85	314	iPc	39	30.70	0.3	BJI	150.28	107	ePKP	47	40.00	5.7X				42.826 N ± 7.4km	13.206 E ± 12.9km						
TOV	75.34	315	eP	39	33.70	0.7	KUMJ	151.12	136	PKP	47	41.50	5.7X				DEPTH = 10.0km	(geophysicist)						
MGG	77.98	325	eP	39	48.00	0.4	PMR	151.22	304	ePKP	47	32.37	-2.7X				CENTRAL ITALY			(381)				
PAG	78.20	325	eP	39	50.00	1.1		iPKPbc	47	41.33				ASS	0.47	302	Pd	11	45.60	-0.7				
MGH	79.02	325	eP	39	54.00	0.6	PMS	151.32	303	ePKP	47	33.20	-2.1				eSg	11	51.70					
LMZ	79.43	191	P	39	54.90	-0.4		i	47	42.80				AQU	0.49	163	Pd	11	46.40	-0.4				
LTZ	80.00	193	P	39	58.60	0.1	FBA	151.38	311	ePKP	47	31.79	-3.4X				eSg	11	56.00					
	1.2s	98.00nm			5.7mb			ePKPbc	47	41.11				ARV	0.70	344	Pd	11	50.70	0.1				
THZ	80.92	194	P	40	02.90	-0.5	SLKM	151.42	301	ePKP	47	33.20	-2.3				eSg	12	01.30					
DSZ	81.08	193	P	40	02.80	-1.4		ePKPbc	47	41.71				RDP	1.13	199	Pd	11	58.40	0.5				
TOO	86.07	173	iPc	40	30.20	0.5	BGL	152.65	302	ePKP	47	33.13	-4.2X				eSg	12	15.00					
	0.9s	26.00nm			5.5mb			ePKPbc	47	44.68				SDI	1.21	158	P	11	59.30	0.0				
MUN	86.20	148	eP	40	30.50	0.2	IMA	153.96	313	ePKP	47	36.00	-3.0X				eSg	12	00.00	0.5				
BFD	86.23	171	eP	40	30.70	0.3		iPKPbc	47	47.69				CRE	1.22	312	P	12	00.00	0.5				
	0.8s	16.00nm			5.3mb		TTA	154.64	305	e(PKP)	47	40.80	0.9		S.D. = 0.6	on 6 of 6 obs.								
BAL	87.63	148	eP	40	37.00	-0.3		e	47	50.60							% NOV 22, 1992	01h 27m	03.43±	0.85s				
CAN	88.51	176	ePKP	40	42.40	0.9	BRW	154.77	325	ePKP	47	37.20	-2.5X				45.688 N ± 6.7km	27.057 E ± 8.0km						
MRWA	88.72	147	eP	40	43.00	0.4	CIT	156.07	83	ePKP	47	43.00	0.0				DEPTH = 10.0km	(geophysicist)						
	1.0s	16.00nm			5.3mb		BOD	158.42	69	ePKP	47	43.00	-1.8				ROMANIA			(358)				
BWA	89.37	175	ePKP	40	46.50	0.8		1.4s	21.00nm								BRD	0.17	182	ePd	27	08.00	0.7	
IFR	91.28	17	iPd	40	58.50	4.2X		S.D. = 1.0	on 72 of 94 obs.								VRI	0.30	308	iPc	27	09.50	-0.1	
STKA	91.39	169	eP	40	59.60	4.6X		* NOV 22, 1992	00h 29m	00.50±	0.64s						ISR	0.66	213	ePd	27	17.50	0.9	
ASPA	98.38	161	eP	41	27.30	0.2		51.326 N ± 15.2km	177.560 W ± 8.6km								MLR	0.81	256	ePd	27	18.00	-1.2	
	1.2s	10.30nm			5.2mb			DEPTH = 33.0km	(normal)								CLI	0.88	10	iPc	27	21.00	0.7	
WRA	102.09	161	Pdiff	41	44.50	0.9		4.1mb (8 obs.)									CFR	0.92	123	iPc	27	20.00	-1.0	
	0.8s	0.80nm			4.4mb		ANDREANOF ISLANDS, ALEUTIAN IS. (7)											S.D. = 1.2	on 6 of 6 obs.					
UYO	107.31	306	iPKPc	46	30.70	15.4X												NOV 22, 1992	02h 12m	13.67±	0.68s			
RSSD	119.71	306	ePKP	46	38.40	-0.5												39.612 N ± 6.0km	22.011 E ± 5.6km					
ULM	121.08	315	ePKP	46	43.00	2.0												DEPTH = 10.0km	(geophysicist)					
ARN	123.16	289	(PKP)	46	46.43	1.0	ADK	0.78	44	iPd	29	16.91	1.9				GREECE			(364)				
COE	123.17	289	ePKP	46	47.04	1.7	SVV	15.57	43	(P)	32	40.48	1.6				LIT	0.61	37	iPg	12	26.10	0.1	
DMN	123.96	90	PKP	46	46.54	-1.1		0.7s	679.29nm									eSg	12	37.98				
GKN	124.01	90	PKP	46	46.14	-1.4	KDC	15.84	56	eP	32	41.06	-1.3				AGG	0.64	157	ePg	12	26.02	-0.5	
PKI	124.10	91	PKP	46	46.36	-1.6		1.0s	19.82nm										eSg	12	37.62			
KKN	124.20	90	PKP	46	46.62	-1.4	SLKM	17.74	48	eP	33	06.69	0.4				THE	1.25	35	ePb	12	36.02	-0.9	
CHG	124.47	109	ePKP	46	48.20	-0.3	IMA	19.10	30	eP	33	22.59	-0.3				FNA	1.27	338	iPb	12	36.10	-1.1	
GUN	124.63	91	PKP	46	47.70	-1.3		1.1s	6.73nm									iSb	12	54.90				
SES	127.57	306	ePKPd	46	53.00	-0.6	F8A	20.51	37	(P)	33	37.47	-0.6				IGT	1.30	267	ePb	12	38.62	0.9	

LPB	86.40	250	eP	34	07.00	1.9
ZOBO	86.60	250	P	34	05.00	-1.3
DMN	86.67	44	P	34	06.28	0.4
GKN	86.77	43	P	34	07.00	0.8

PKI 86.78 44 P 34 06.00 -0.5	SOUTH ISLAND, NEW ZEALAND (162)				DEPTH = 10.0km (geophysicist)			
KKN 86.91 44 P 34 07.20 0.2	ML 3.9 (WEL).				TURKEY (366)			
CHG 87.15 59 eP 34 08.30 0.2					MD 3.0 (ISK).			
GUN 87.30 44 P 34 08.98 0.0								
TOL 91.98 332 eP 34 31.00 0.7								
ZST 94.92 349 eP 34 46.30 2.7X								
SPC 95.51 351 eP 34 57.50 11.0X								
FCC 146.67 312 ePKP 41 07.50 6.2X								
ULM 146.74 296 ePKP 41 06.00 4.2X								
MBC 147.66 348 ePKP 41 06.00 3.5X								
GLD 149.69 273 (PKP) 41 19.55 12.5X								
TUC 149.71 256 (PKP) 41 03.93 -3.2X								
RSSD 150.51 282 ePKP 41 13.52 5.4X								
PV08 151.56 268 (PKP) 41 16.46 6.4X								
PV10 151.75 268 ePKP 41 16.16 5.9X								
PV09 151.87 268 (PKP) 41 13.15 2.6X								
GLA 152.87 253 (PKP) 41 14.58 2.8X								
SRU 153.11 268 (PKP) 41 16.68 4.6X								
EMUT 153.62 269 (PKP) 41 21.15 8.3X								
MSU 153.99 266 ePKP 41 15.15 1.8X								
DAU 154.18 270 (PKP) 41 23.01 9.3X								
PLM 154.41 251 (PKP) 41 22.41 8.4X								
YKA 155.64 324 ePKP 41 26.70 12.2X								
LCCM 156.33 282 ePKP 41 33.40 17.2X								
SES 156.39 294 ePKP 41 28.00 12.0X								
ABL 156.87 251 (PKP) 41 34.43 17.1X								
S.D. = 0.8 on 24 of 47 obs.								
? NOV 22, 1992 02h 54m 50.75±0.89s								
46.287 S ±13.7km 33.390 E ±20.6km								
DEPTH = 10.0km (geophysicist)								
4.7mb (6 obs.)								
PRINCE EDWARD ISLANDS REGION (431)								
BLE 16.71 313 iPd 58 25.50 -20.8X								
CER 16.81 315 iPc 58 49.00 1.3								
BLF 18.06 339 iPc 59 02.60 -0.8								
SLR 20.91 347 iPc 59 35.00 -0.9								
NVL 26.68 196 eP 00 30.00 -1.2								
BCAO 52.19 341 iPc 04 04.00 0.2								
TIC 62.81 316 (P) 05 19.30 0.5								
GBA 71.56 45 P 06 13.00 -0.9								
ASPA 80.12 114 eP 07 04.40 1.9								
SIV 81.64 256 P 07 06.00 -4.6X								
WRA 83.09 112 P 07 21.00 3.0X								
YKA 155.67 323 ePKP 15 05.50 20.9X								
S.D. = 1.4 on 8 of 12 obs.								
? NOV 22, 1992 03h 54m 35.59±11.44s								
36.360 N ±93.1km 21.801 E ±14.0km								
DEPTH = 10.0km (geophysicist)								
SOUTHERN GREECE (368)								
ML 3.2 (ATH).								
VLS 2.06 332 ePn 55 10.50 -0.1								
AGG 2.69 9 ePn 55 22.76 3.0X								
LIT 3.77 8 ePn 55 35.48 0.4								
PAIG 3.86 22 ePn 55 36.28 0.1								
KZN 3.94 360 ePn 55 38.00 0.5								
OUR 4.32 23 ePn 55 43.12 0.3								
THE 4.36 12 ePn 55 43.20 -0.2								
FNA 4.43 356 ePn 55 44.08 -0.3								
GRG 4.61 6 ePn 55 46.56 -0.4								
SOH 4.62 15 ePn 55 47.21 0.1								
KNT 4.87 10 ePn 55 50.82 0.2								
SRS 4.95 16 ePn 55 50.96 -0.8								
S.D. = 0.4 on 11 of 12 obs.								
* NOV 22, 1992 03h 59m 59.09±1.53s								
44.329 S ±6.8km 167.867 E ±14.2km								
DEPTH = 33.0km (normal)								
SOUTH ISLAND, NEW ZEALAND (162)								
ML 3.9 (WEL).								
MMCZ 1.13 127 Pd 00 19.80 1.1								
LMZ 1.18 59 P 00 23.60 4.3X								
TLC 1.22 136 P 00 20.70 0.7								
MHZ 1.25 127 P 00 20.90 0.5								
SBCZ 1.28 127 P 00 21.20 0.3								
LRCZ 1.29 125 P 00 21.40 0.4								
CMCZ 1.30 130 P 00 21.30 0.2								
LSCZ 1.33 127 Pd 00 21.60 0.1								
BWZ 1.46 99 Pc 00 24.20 0.9								
BCZ 1.68 181 P 00 27.10 0.6								
TUZ 2.05 143 P 00 30.50 -1.4								
ODZ 2.11 111 P 00 31.70 -1.0								
EWZ 2.31 70 P 00 36.40 0.9								
SIZ 2.55 176 P 00 38.00 -1.0								
MOZ 3.51 81 P 00 50.50 -2.1								
LTZ 3.55 66 P 00 52.30 -1.0								
DSZ 3.87 50 P 00 58.50 0.7								
THZ 4.49 57 P 01 05.80 -0.9								
ORZ 4.91 46 P 01 13.50 1.0								
S.D. = 1.0 on 18 of 19 obs.								
? NOV 22, 1992 04h 36m 59.44±15.06s								
38.466 N ±123.km 23.252 E ±26.1km								
DEPTH = 10.0km (geophysicist)								
GREECE (364)								
AGG 0.91 308 ePb 37 16.84 0.0								
PAIG 1.50 13 ePb 37 26.32 0.0								
LIT 1.74 340 ePn 37 29.96 0.1								
OUR 1.95 17 ePn 37 32.88 0.0								
KNT 2.71 354 iPn 37 43.64 -0.1								
S.D. = 0.1 on 5 of 5 obs.								
* NOV 22, 1992 05h 15m 08.53±1.64s								
40.819 N ±7.7km 27.652 E ±19.7km								
DEPTH = 10.0km (geophysicist)								
TURKEY (366)								
MD 2.8 (ISK).								
EDC 0.50 161 iPg 15 18.00 -0.6								
BNT 0.51 156 iPg 15 18.00 -0.8								
KCT 0.78 136 iPg 15 23.70 -0.1								
DMK 1.00 4 ePg 15 27.30 -0.3								
YLV 1.33 100 ePn 15 33.00 -0.2								
DST 1.42 148 iPn 15 36.40 1.9								
S.D. = 1.3 on 6 of 6 obs.								
* NOV 22, 1992 05h 28m 55.93±3.04s								
40.763 N ±17.0km 20.837 E ±21.2km								
DEPTH = 10.0km (geophysicist)								
GREECE-ALBANIA BORDER REGION (392)								
ML 2.1 (SKO).								
OHR 0.35 355 iPg 29 02.00 -1.2								
FNA 0.41 87 iPg 29 03.64 -0.7								
GRG 1.20 80 ePb 29 18.36 0.0								
SKO 1.29 20 e(Pn) 29 21.50 1.7								
LIT 1.42 117 ePb 29 22.28 0.4								
KNT 1.61 75 ePb 29 24.24 -0.3								
S.D. = 1.3 on 6 of 6 obs.								
* NOV 22, 1992 05h 58m 42.39±1.50s								
40.834 N ±6.7km 27.687 E ±14.4km								

22d 07h

SKT	2.29	20	eP	30	00.06	-1.2
PWA	2.44	41	eP	30	02.72	-0.4
PLRM	2.66	47	eP	30	04.44	-1.5
LTI	2.70	84	eP	30	05.23	-1.4
KHFM	2.79	77	eP	30	05.24	-2.5
MTU	2.80	85	eP	30	07.07	-0.9
KNK	2.82	54	eP	30	06.08	-2.1
GHO	2.85	46	eP	30	06.76	-1.9
SML	3.09	49	eP	30	09.22	-2.6
GLI	3.21	69	eP	30	11.17	-2.2
HIN	3.40	78	eP	30	13.92	-2.0
FID	3.47	72	eP	30	13.89	-2.9
SCM	3.50	53	eP	30	15.03	-2.3
VZV	3.51	67	eP	30	16.29	-1.2
VLZ	3.64	66	eP	30	17.56	-1.5
CVA	3.79	76	eP	30	19.64	-1.4
KLU	3.95	62	eP	30	20.68	-2.6

58 obs. associated

* NOV 22, 1992 07h 47m 42.61±1.74s
 7.145 N ±10.3km 94.065 E ± 8.2km
 DEPTH = 96.1 ± 18.1 km
 4.5mb (8 obs.)

NICOBAR ISLANDS, INDIA (704)

SNG	6.50	89	eP	49	18.00	0.6
IPM	7.38	110	ePd	49	24.00	-5.5X
	0.4s	15.30nm			4.9mb	
CHG	12.53	22	eP	50	39.20	0.4
	0.9s	10.71nm			4.5mb	
KOD	16.69	282	eP	51	34.20	1.8
GBA	17.56	293	P	51	41.00	-1.8
		S	54	39.00		
HYB	18.26	305	eP	51	49.50	-1.9
KMI	19.71	24	eP	52	12.00	4.8X
PKI	21.91	339	P	52	29.00	-0.6
DMN	22.06	338	P	52	31.80	0.9
GUN	22.06	340	P	52	30.60	-0.5
KKN	22.16	339	P	52	33.40	1.5
GKN	22.59	338	P	52	36.00	0.0
LSA	22.60	353	eP	52	35.00	-1.5
CD2	25.33	20	eP	53	02.90	0.8
XAN	30.08	25	eP	53	44.20	-0.8
LZH	30.16	16	eP	53	46.00	0.1

Z	1.2s	13.00nm			4.5mb	
	16s	0.34um			4.1mszX	
WRA	47.91	125	P	56	13.10	-0.2
	0.5s	2.40nm			4.3mb	
WB2	47.92	125	iPc	56	12.60	-0.8
	0.5s	6.50nm			4.7mb	
ASPA	49.51	129	iPd	56	25.00	-0.6
	1.0s	4.80nm			4.4mb	
BCAO	75.12	273	iPd	59	18.00	1.3
	1.1s	6.00nm			4.4mb	
		ic	01	13.50		
GEC2	78.32	318	eP	59	35.10	1.2
	0.6s	0.64nm			3.7mb	
		e	59	40.10		
		e	59	44.30		
		e	59	50.60		

S.D. = 1.2 on 19 of 21 obs.

* NOV 22, 1992 08h 47m 24.38±1.54s
 12.708 N ±14.4km 144.764 E ±21.3km
 DEPTH = 61.4 ± 15.7 km
 4.0mb (1 obs.)

SOUTH OF MARIANA ISLANDS (210)

GUA	0.84	10	eP	47	40.80	0.3
PJG	0.88	6	eP	47	40.70	-0.3
		eS	47	54.20		
WB2	34.03	198	eP	54	04.70	0.0
	0.9s	2.00nm			4.0mb	
GUN	56.77	295	P	57	05.10	-0.1
PKI	57.17	295	P	57	07.60	-0.4
KKN	57.29	295	P	57	11.80	3.1X
DMN	57.44	295	P	57	10.00	0.2
GKN	57.87	295	P	57	13.00	0.3
KIC	144.26	300	PKP	06	55.90	-0.1
TIC	144.34	301	PKP	06	56.10	-0.1
LIC	144.57	300	PKP	06	56.80	0.2

S.D. = 0.3 on 10 of 11 obs.

* NOV 22, 1992 09h 03m 24.07±2.51s
 12.864 N ±14.3km 125.497 E ±30.2km
 DEPTH = 50.7 ± 20.6 km

4.6mb (2 obs.)
SAMAR, PHILIPPINE ISLANDS (251)

PLP	1.76	197	iPd	03	52.00	-0.7
		iS	04	05.70		
CGP	4.45	190	eP	04	31.00	0.3
		eS	05	25.00		
QVP	4.70	292	eP	04	35.00	0.7
CVP	5.98	324	eP	04	52.00	-0.2
WB2	33.75	165	iPd	10	03.30	0.2
	0.7s	2.40nm			4.2mb	
ASPA	37.22	167	eP	10	32.90	0.3
	0.3s	4.90nm			4.9mb	
GUN	39.84	298	P	10	54.30	-0.6

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

NOV 22, 1992 09h 59m 07.13±0.37s
 3.864 S ± 4.5km 131.251 E ± 9.5km
 DEPTH = 33.0km (normal)
 4.7mb (15 obs.)

IRIAN JAYA REGION, INDONESIA (196)

SLKI	4.07	179	eP	00	12.30	3.6X
MTN	8.91	181	eP	01	15.20	-1.4
		eS	02	56.00		
KNA	12.04	192	iPd	01	56.20	-3.3X
	0.4s	47.00nm			6.0mb X	
WB2	16.25	170	eP	02	48.20	-6.4X
	0.3s	5.10nm			4.1mb	
ASPA	19.63	173	iPc	03	37.80	-0.5
	0.6s	45.40nm			5.0mb	
		iPcP	06	30.00		
		eS	07	04.00		
MBL	20.45	212	iPd	03	45.30	0.7
CTA	21.75	139	iPc	03	57.50	-0.4
	1.0s	15.00nm			4.4mb	
		e	04	21.00		
WARB	22.61	191	eP	04	07.30	0.9
	0.4s	9.00nm			4.6mb	
BAG	22.76	333	eP	04	08.00	-0.1
CVP	23.38	337	eP	04	15.00	1.1
MEEK	25.66	207	iPd	04	34.60	-1.2
QLP	25.77	152	eP	04	36.50	-0.3
FORT	26.92	186	eP	04	48.00	0.7
COOL	28.50	198	eP	05	01.00	-0.7
MRWA	29.06	208	eP	05	06.00	-0.7
	0.3s	3.00nm			4.6mb	
STKA	29.49	162	iPc	05	14.20	3.6X
		eS	10	05.10		
BAL	29.92	206	eP	05	14.00	-0.4
KLB	30.34	203	eP	05	18.00	-0.1
	0.4s	4.00nm			4.6mb	
MUN	31.32	205	eP	05	26.00	-0.7
IPM	31.35	285	ePc	05	28.80	1.6
BWA	34.32	154	eP	05	54.00	1.1
CAN	35.33	154	eP	06	02.40	0.9
TOO	35.98	161	iPc	06	08.60	1.7
	0.9s	35.00nm			5.3mb	
LOE	36.01	307	eP	06	08.20	0.8
NST	36.41	303	eP	06	17.00	6.2X
GYA	38.42	323	P	06	28.00	0.3
	1.0s	9.60nm			4.6mb	
CHG	38.99	306	ePc	06	34.00	1.5
	1.0s	18.25nm			4.8mb	
XAN	43.21	333	Pc	07	05.80	-1.1
CD2	43.42	325	eP	07	08.40	-0.3
TIIY	44.93	339	eP	07	19.70	-1.1
BJI	45.65	344	eP	07	27.00	-1.0
	1.0s	11.00nm			4.7mb	
LZH	47.31	330	eP	07	39.00	-0.8
	1.4s	21.00nm			5.0mb	
		sP	07	51.00		
HHC	48.02	340	Pd	07	45.00	-0.3
	1.2s	18.00nm			5.0mb	
MDJ	48.30	358	eP	07	41.50	-5.7X
LSA	50.89	314	eP	08	08.60	0.8
GTA	51.91	329	eP	08	14.50	-0.5
	1.0s	6.00nm			4.5mb	
		pP	08	21.40	23kmX	
GUN	53.92	309	P	08	30.18	-0.2
PKI	54.12	308	P	08	31.08	-0.6
	0.9s	10.00nm			4.9mb	
KKN	54.33	308	P	08	33.32	0.1
DMN	54.38	308	P	08	33.60	-0.1
GKN	54.93	308	P	08	37.32	-0.3

HYB	56.13	294	eP	08	46.00	-0.3
GBA	56.15	289	P	08	46.00	-0.3
MAIO	77.72	308	eP	11	04.00	1.3
CNCB	152.00	138	PKP	19	04.30	8.9)
LPB	152.12	137	ePKP	19	04.00	8.6)
ZOBO	152.27	137	PKP	19	04.00	8.1)
CCH	152.77	141	ePKP	19	05.00	8.9)

S.D. = 0.9 on 38 of 48 obs.

% NOV 22, 1992 10h 14m 31.08±0.69s
 36.995 N ± 6.8km 3.970 W ± 5.3kr
 DEPTH = 10.0km (geophysicist)
 STRAIT OF GIBRALTAR (385)
 mbLg 3.0 (MDD).

EGUA	0.36	116	iPgc	14	37.90	-0.6
		eSg	14	43.00		
ECOG	0.43	49	iPgc	14	38.90	-1.0
		eSg	14	45.00		
MAL	0.44	233	ePg	14	40.00	-0.1
		iSg	14	44.20		
ELUO	0.61	337	ePg	14	42.90	-0.6
		eSg	14	51.80		
EMOR	1.31	309	ePn	14	55.00	0.3
		eSn	15	14.00		
EHUE	1.37	53	iPn	14	57.50	1.2
		eSn	15	15.50		
ENIJ	1.41	90	ePn	14	57.50	0.7
		eSn	15	15.50		
EVIA	2.01	35	ePn	15	05.00	0.1
		eSn	15	32.80		

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

? NOV 22, 1992 11h 22m 49.09±0.93s
 39.129 N ± 8.5km 27.556 E ± 9.2km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

MD 2.9 (ISK).

IZM	0.77	198	ePg	23	04.00	-0.1
		eSg	23	16.00		
DST	0.96	60	iPn	23	07.60	0.3
EZN	1.18	307	ePn	23	11.20	0.1
KCT	1.28	29	iPn	23	12.50	-0.3

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

NOV 22, 1992 11h 42m 46.40±0.11s
 20.365 N ± 2.7km 94.340 E ± 2.3km
 DEPTH = 67.5km (31 depth phases)
 5.3mb (119 obs.)

MYANMAR (296)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
 L.P.B.: 15S, 23C
 Centroid Location:
 Origin Time 11:42:48.2 0.7
 Lat 20.43N 0.07 Lon 94.51E 0.05
 Dep 71.4 5.5 Half-duration 1.0
 Moment Tensor: Scale 10¹⁶ Nm
 Mrr=-4.56 0.29 Mtt=-0.49 0.75
 Mtf= 5.05 0.68 Mrt= 4.62 0.47
 Mrf=-3.24 0.42 Mtr=-1.69 0.38
 Principal Axes:
 T Val= 7.36 Plg=23 Azm= 63
 N 0.48 21 324
 P -7.85 58 197
 Best Double Couple: Ma=7.6*10¹⁶
 NP1: Strike=187 Dip=29 Slip= -43
 NP2: 317 71 -112

CHG	4.61	109	iPn	43	55.20	0.0
			iS	44	57.10	
BDT	5.40	124	ePg	44	05.50	-0.7
			e	44	19.50	
KHT	6.87	143	iPg	44	25.60	-1.2
			eSg	45	40.60	
NST	7.22	129	eP	44	35.50	3.9X
			e	45	00.00	
			e	46	20.00	
LOE	7.59	112	ePg	44	36.60	-0.1
			e	45	59.90	
KMI	9.08	57	Pc	45	02.00	4.5X
	1.5s	670.00nm			6.3mb X	
Z	18s	3.80um			5.5Msz	
			S	46	46.00	
NNT	9.30	145	ePn	44	59.30	-0.9

			e	46	37.40		WMO	24.04	348	iPd	47	57.50	1.3		eS	56	12.00				
			e	47	02.20			1.0s	77.00nm			5.1mb		KER	43.83	299	eP	50	49.00	1.3	
LSA	9.73	343	P	45	06.00	-0.5	Z	28s	1.86um			4.4MszX		SVE	44.09	334	iPd	50	50.00	0.6	
	0.9s						N	10s	1.28um						1.3s	200.00nm			5.8mb		
			S	46	58.90				pP	48	07.30	36kmX							4.6MszX		
GUN	10.77	316	P	45	18.70	-1.9			PP	48	35.50			Z	14s	0.50um					
PKI	10.86	313	P	45	19.98	-1.8			ScS	58	56.50			N	14s	0.20um					
KKN	11.09	314	P	45	22.90	-1.9	BTO	24.20	30	eS	47	55.00	-2.9X	E	14s	0.20um					
DMN	11.10	312	P	45	22.90	-2.0															
GKN	11.67	313	P	45	30.12	-2.3X			eS	52	11.00										
GYA	12.83	59	iPc	45	48.60	0.8	KSH	24.72	324	iPd	48	05.00	2.1								
	1.2s							1.5s	960.00nm			6.0mb		RYD	44.13	285	iPd	50	50.50	0.3	
Z	14s								pP	48	21.00	69km		ARU	44.69	332	iPd	50	55.00	0.8	
			sP	46	08.00				PcP	51	35.00				1.3s	180.00nm			5.7mb		
			S	48	12.00				ScS	58	57.00										
			sS	48	30.00																
			ScS	58	20.60		NJ2	24.82	57	Pc	48	03.00	-0.8	MJMA	45.24	287	iPd	51	00.10	1.0	
CD2	13.50	37	eP	45	56.40	0.0	N	10s	1.74um					GRO	46.47	311	iP-	51	10.00	1.6	
	1.0s						E	10s	0.91um						1.5s	400.00nm			6.1mb		
			sP	46	15.00				pP	48	22.00	85kmX			N	18s	2.00um				
SNG	14.45	154	eP	46	08.00	-0.9	HHC	25.14	32	eP	48	07.00	0.2	MTA	46.75	309	iP	51	12.00	1.4	
OIZ	14.66	93	P	46	13.00	1.4	Z	17s	0.60um			4.2mb X			0.6s	110.00nm			6.0mb		
	1.2s						E	10s	0.48um				4.2MszX	OASM	46.80	287	iPd	51	12.20	0.8	
			S	48	55.50				S	52	26.00			DHJN	48.00	276	eP	51	22.00	0.8	
HYB	15.23	262	eP	46	17.20	-1.7	BAG	25.20	95	eP	48	12.00	5.2X		MBL	48.21	147	iPd	51	18.80	-3.5X
	1.0s						TIA	25.44	47	eP	48	08.40	-1.1			0.7s	133.00nm			6.0mb	
			eS	48	58.00		Z	14s	1.49um			4.7MszX		YAK	48.25	21	eP	51	21.20	-0.9	
			e	49	12.00		E	10s	0.94um						0.7s	102.00nm			5.9mb		
IPM	16.99	157	ePd	46	39.90	-1.3			pP	48	25.00	72km		PYA	48.48	311	iPd	51	24.00	-0.2	
GBA	17.50	250	P	46	46.70	-0.8			S	52	34.50				1.3s	150.00nm			5.8mb		
			S	49	45.70		PRZ	25.82	332	iPc	48	16.00	2.8X	KMTA	48.48	277	iPd	51	26.00	1.2	
NDI	17.63	301	iPc	46	47.00	-2.1		1.2s	220.00nm			5.6mb		ABHA	48.57	277	iPd	51	27.87	2.3	
LZH	17.74	26	eP	46	50.50	0.0	CVP	26.10	91	eP	48	23.00	7.3X	NRI	49.18	357	iPd	51	28.40	-0.8	
	1.8s						SSE	26.37	61	Pc	48	18.70	0.5		1.3s	72.00nm			5.5mb		
Z	30s							0.8s	24.00nm			4.8mb				e	52	51.00	412kmX		
E	10s						Z	20s	0.90um			4.3Msz				eS	58	28.00			
			PP	47	05.50				pP	48	35.50	72km		KNA	49.31	134	iPd	51	29.80	-1.0	
			S	50	10.00				sP	48	46.00				0.8s	54.00nm			5.6mb		
			PcP	51	26.50		QUE	26.57	297	eP	48	20.90	0.6	ARO	50.12	268	ePd	51	39.00	1.8	
			ScP	54	54.50				e(S)	53	23.20			SOC	50.77	310	iPd	51	43.00	1.3	
			PcS	54	57.00		BJI	27.09	39	eP	48	24.00	-0.6		1.5s	220.00nm			6.0mb		
			ScS	58	34.00		Z	22s	0.55um			4.1Msz		MEEK	52.32	152	iPd	51	51.10	-2.5	
GZH	17.86	78	iPc	46	53.00	1.9	N	13s	0.63um						0.9s	43.00nm			5.5mb		
	0.6s								ePP	49	12.00			ANN	52.69	311	eP	51	55.50	-0.6	
Z	12s						AAA	27.09	331	eP	48	26.50	1.8	KVT	53.18	307	iP	52	01.00	1.1	
			pP	47	11.60				eS	52	59.00			MRWA	53.54	156	iPd	52	02.50	0.0	
HKC	18.58	80	iP	47	02.60	2.0	FRU	27.87	328	iPd	48	33.50	1.8		0.8s	29.00nm			5.4mb		
KLM	18.58	157	eP	47	00.00	-0.7		1.7s	200.00nm			5.5mb		DSI	53.62	295	eP	52	03.80	0.7	
XAN	18.78	41	Pc	47	00.50	-2.5	TSM	27.92	122	ePd	48	32.00	-0.4	PRNI	54.02	293	eP	52	06.60	0.4	
	1.0s						ZAK	30.78	11	eP	48	57.50	0.0	SAGI	54.32	293	eP	52	08.60	0.2	
Z	30s							1.5s	17.00nm			4.6mb		MOS	54.79	325	iPc	52	11.00	-0.4	
			pP	47	18.00		Z	14s	0.29um			4.1MszX			1.7s	170.00nm			5.8mb		
			S	50	30.50			31.14	360	eP	49	01.00	0.4			e	52	28.00	65km		
			SS	50	59.00			1.3s	30.00nm			4.9mb		KAS	54.92	307	iPd	52	13.80	1.1	
			PcP	51	22.00		UKR	31.44	348	iPc	49	03.00	-0.3	TIK	55.03	13	iPd	52	12.30	-0.6	
KOD	19.12	241	iP	47	07.60	0.3		1.0s	60.00nm			5.3mb			1.5s	72.00nm			5.5mb		
	1.0s								iS	59	27.00					iP	52	29.00	64km		
POO	19.41	268	iPd	47	08.40	-1.6			iS	59	18.80	4.6X		BAL	55.05	156	iPd	52	12.80	-0.8	
GTA	19.56	13	P	47	10.00	-1.6	SNY	32.68	43	eP	49	34.60	65km			0.9s	125.00nm			5.9mb	
	0.8s								pP	49	14.30	-0.7	OBN	55.18	324	iPd	52	13.80	-0.5		
Z	26s						IRK	32.78	11	eP	49	20.80	0.4		1.2s	70.00nm			5.6mb		
			pP	47	22.50	60km	ELT	33.41	351	eP	49	20.80	0.4		Z	20s	0.20um			4.2Msz	
			sP	47	30.50			2.0s	103.00nm			5.4mb				iP	52	30.50	64km		
			PcP	51	29.50				e	51	58.00					e	53	14.00			
			ScP	54	58.00				iS	59	35.00			CSS	55.19	299	eP	52	15.10	0.4	
			PcS	55	05.50		MAIO	34.32	305	iPd	49	29.60	1.0	WARB	55.89	145	eP	52	18.70	-1.0	
KGM	20.24	153	ePd	47	17.90	-0.8		0.9s	12.79nm			4.9mb		WRA	56.02	133	P	52	19.90	-0.8	
	0.6s								eS	54	56.00				0.7s	4.70nm			4.6mb		
BOM	20.33	270	iP	47	20.70	1.2	CN2	34.89	41	eP	49	36.40	3.1X	WB2	56.03	133	iPc	52	19.50	-1.3	
			iS	50	54.70			0.8s	6.10nm			4.6mb			1.0s	44.40nm			5.4mb		
WHN	20.69	57	P	47	22.00	-1.2	Z	20s	0.61um			4.3Msz				iPcP	53	17.80			
	1.0s						CIT	34.96	21	eP	49	34.00	0.1	MUN	56.10	158	iPd	52	20.60	-0.5	
Z	16s						KHKI	35.39	142	ePd	49	37.70	-0.1		1.0s	300.00nm			6.3mb		
			pP	47	40.00	86kmX			e	52	12.00										
			S	51	10.00		BRVK	37.54	336	iPd	49	55.00	-0.5	KLB	56.33	156	iPd	52	21.70	-1.1	
OZH	22.83	74	eP	47	45.00	0.5		1.1s	24.00nm			5.0mb			0.6s	23.00nm			5.4mb		
			pP	48	03.30	83kmX	Z	20s	0.45um			4.3Msz		COOL	57.09	152	eP	52	27.00	-1.2	
			S	51	45.00		N	20s	0.30um						0.7s	33.00nm			5.5mb		
TIY	23.36	38	Pc	47	49.30	-0.4	E	20s	0.20um					EYL	57.63	306	eP	52	30.00	-2.1	
Z	26s								eS	00	00.00			ELL	57.90	301	iP	52	34.20	0.1	
N	13s						BOD	40.16	16	eP	50	17.10	-0.1	KHL	58.15	303	eP	52	21.60	-14.2X	
			pP	48	07.00	79kmX		1.4s	29.00nm			5.0mb		ASPA	58.32	137	iPd	52	36.20	-0.7	
			S	52	00.00		MAT	41.42	58	(P)	50	34.00	6.1X		1.2s	27.60nm			5.3mb		
								0.9s	6.72nm			4.4mb		RKG	58.73	158	eP	52	39.00	-0.6	

	0.6s	15.00nm	5.3mb			e	54 03.20	82kmX	DIX	73.54 314 iPd	54 14.80	0.6
DST	50.02	305 iP	52 39.60	-0.7		e	56 14.00		BSF	73.58 315 iPd	54 13.00	-0.4
PSN	59.12	309 iPd	52 43.00	0.7	VBY	60.23 312 iPd	53 42.00	0.0		1.2s	32.15nm	5.1mb
DMK	59.43	307 eP	52 43.50	-1.0		iP	53 50.00	62km	WLF	73.61 317 iPc	54 15.30	1.2
PUL	59.58	328 eP	52 45.00	-0.1		ePcP	54 05.50			i	54 33.04	60km
BRD	59.96	311 ePd	52 47.00	-1.0	BRG	60.40 318 iPd	53 43.40	0.0	HAU	73.83 316 iPd	54 15.50	-0.1
VR1	60.19	312 ePc	52 50.00	0.4		1.2s	54.00nm	5.4mb		1.1s	44.95nm	5.3mb
ISR	60.31	311 ePc	52 52.00	1.5		i	53 50.20	22kmX	BRS	73.84 128 iPc	54 16.00	0.1
APA	60.39	337 iPc	52 49.00	-1.6	LJU	60.66 313 eP	53 44.90	0.2	EMS	73.87 314 iPd	54 16.30	0.2
MLR	60.73	311 ePd	52 54.00	0.5	SOL	60.73 304 P	53 45.10	-0.1	SOF	74.01 311 iPd	54 16.60	-0.1
DIM	61.09	308 eP	52 56.00	0.2	CEY	60.70 312 ePd	53 45.50	0.1		1.0s	32.40nm	5.2mb
KDZ	61.19	307 iPd	52 58.00	1.5		1.5s	530.00nm	6.3mb	VITF	74.03 316 P	54 16.11	-0.6
PVL	61.20	309 eP	52 58.00	1.5	RIY	60.86 312 iPd	53 45.10	-0.7	LPG	74.12 313 iPd	54 18.00	0.4
CMP	61.37	311 eP	52 57.00	-0.7	GEC2	60.07 316 e(P)	53 46.00	0.0		0.9s	28.65nm	5.2mb
NPS	61.49	300 eP	52 58.60	0.0		0.0s	22.70nm	5.2mb	LPL	74.13 313 iPd	54 17.90	0.3
PLD	61.70	308 iPd	53 00.00	0.1	STKA	60.90 130 iPd	53 49.70	3.5X		1.0s	56.80nm	5.5mb
RZN	61.71	307 iPd	53 00.00	-0.3	STK	60.90 138 P	53 50.50	4.3X	RSL	74.16 313 P	54 17.68	0.0
KAF	61.94	330 eP	53 00.20	-1.0	KHC	60.91 316 Pd	53 45.60	-0.6	DOU	74.50 318 Pc	54 19.00	0.5
	0.5s	9.70nm	5.2mb			1.2s	17.50nm	4.9mb		e	54 42.00	04kmX
PG8	62.00	308 iPd	53 03.00	0.5		e	54 07.00	82kmX	SNF	74.59 319 iP	54 20.06	0.2
OUR	62.35	306 eP	53 04.02	-0.2		e	55 21.10			i	54 38.74	69km
MM8	62.46	307 iP	53 05.00	0.0	CLL	69.02 310 iPd	53 46.30	-0.4	FRF	74.63 311 iPd	54 20.40	0.1
NUR	62.50	328 iP	53 03.00	-1.0		1.4s	33.00nm	5.1mb		1.0s	48.20nm	5.4mb
	0.6s	12.30nm	5.2mb		VOY	69.10 313 iPd	53 47.20	-0.3	ARMA	74.71 131 eP	54 22.70	1.7
SRS	62.59	307 iP	53 04.00	-1.0		i	54 06.90	70kmX		0.8s	19.00nm	5.1mb
PAIG	62.61	305 eP	53 05.66	-0.3		e	54 04.50	64km	LMR	74.78 311 iPd	54 21.50	0.4
VTS	62.78	308 iPd	53 07.00	-0.3	TRI	69.24 312 ePd	53 46.00	-1.3		1.1s	51.05nm	5.4mb
SOH	62.79	306 eP	53 06.74	-0.5	RBL	69.27 313 Pd	53 48.00	-0.5	LRG	74.86 311 iPd	54 22.00	0.4
KK8	62.92	307 iPd	53 00.00	0.0	NAO	69.30 329 P	53 47.10	-1.1		1.1s	60.30nm	5.4mb
SDF	62.93	336 iP	53 06.90	-0.7		0.0s	24.20nm	5.2mb	Z	21s	0.65um	4.9Msz
KNT	63.11	307 eP	53 08.70	-0.6	ADE	69.30 142 iPd	53 48.40	-0.3	BWA	74.91 136 iPd	54 22.90	0.9
UZM	63.21	315 iPd	53 09.00	0.1	WET	69.37 316 iPd	53 49.20	0.2		iP	54 29.60	22kmX
	1.0s	70.00nm	5.7mb			1.0s	32.00nm	5.2mb		e	54 47.80	
	e		53 27.00	64km	FVI	69.79 313 Pd	53 50.70	-0.8	TOO	75.07 140 iPd	54 23.50	0.7
KEV	63.25	339 iP	53 09.20	-0.5	MDX	69.98 318 iPd	53 52.80	0.2		0.7s	68.00nm	5.7mb
	0.9s	32.10nm	5.4mb			1.4s	43.00nm	5.2mb	BCAO	75.17 269 iPd	54 23.00	-0.9
VAY	63.34	307 iP	53 10.00	-0.8		e	54 11.00	68km		0.9s	115.00nm	5.8mb
	1.0s	99.00nm	5.8mb		AQU	70.02 309 Pd	53 51.70	-1.4	DAG	75.41 347 iPc	54 23.40	-0.8
	i	53 27.60	66km		ARV	70.16 310 Pd	53 54.20	0.3		1.0s	54.00nm	5.4mb
GRG	63.50	306 eP	53 11.02	-0.9	GRF	70.36 317 iPd	53 55.00	0.8	LBF	75.64 315 iPd	54 25.90	-0.1
LIT	63.50	305 eP	53 10.74	-1.2		1.2s	55.00nm	5.4mb		1.0s	44.00nm	5.3mb
AGG	63.73	304 eP	53 11.70	-1.6	Z	19s	0.10um	4.1Msz	LOR	75.64 315 iPd	54 25.70	-0.3
KZN	64.03	306 iPd	53 14.20	-1.3		e	54 02.30	21kmX		0.9s	18.20nm	5.0mb
SKO	64.14	308 iP	53 15.00	-1.0		e	54 13.90		Z	20s	0.08um	4.0Msz
	0.9s	68.00nm	5.6mb			e	54 16.90		SSB	75.68 313 P	54 26.18	-0.1
	i	53 19.40	14kmX		RMO	70.38 129 iPd	53 56.60	1.2	SMF	75.81 315 iPd	54 26.90	-0.1
	i	53 31.70				0.9s	95.00nm	5.7mb		0.9s	42.40nm	5.4mb
FNA	64.29	306 eP	53 15.86	-1.2	ASS	70.43 310 Pd	53 55.10	-0.5	CAN	75.83 137 iPd	54 27.40	0.2
SPC	64.55	316 eP	53 19.60	0.8	MUD	70.63 324 iPc	53 56.70	0.3		iP	54 33.00	21kmX
OHR	64.69	307 eP	53 18.30	-1.4		1.0s	24.00nm	5.1mb		e	54 50.00	
	1.1s	131.00nm	5.8mb			i	54 14.00	64km	SSF	75.93 315 iPd	54 27.70	0.1
CTA	64.79	125 iPc	53 20.50	0.0	CTI	70.65 313 Pd	53 56.60	-0.3		1.1s	74.00nm	5.5mb
OJC	64.80	317 eP	53 40.20	20.0X	CRE	70.85 310 Pd	53 50.70	0.5	CNB	76.07 136 iPd	54 29.00	0.4
	e	54 01.90	04kmX		OGA	70.94 314 eP	53 58.00	-0.8		1.0s	60.00nm	5.5mb
PSZ	64.84	314 ePd	53 19.90	-0.6		1.0s	26.00nm	5.1mb		i	54 35.90	22kmX
PVY	65.17	308 iPd	53 23.05	0.2	FIR	71.32 311 eP	54 01.00	0.2	AVF	76.10 315 iPd	54 28.60	0.0
IVA	65.20	309 iPd	53 23.41	0.5	CMS	71.38 135 eP	54 01.50	0.2		1.0s	38.20nm	5.3mb
PLE	65.52	309 iPd	53 25.40	0.4	SAL	71.50 313 Pd	54 02.60	0.7	PLDF	76.13 314 P	54 28.90	0.1
TTG	65.71	308 iPd	53 25.21	-0.8	BDI	71.73 311 Pd	54 03.00	-0.4	ANM	76.13 26 (P)	54 28.86	0.5
ULC	65.76	308 iPd	53 25.35	-1.2	MDI	72.03 313 Pd	54 04.40	-0.6		eP	54 47.29	60km
NKY	65.86	309 iPd	53 26.86	-0.4	TNS	72.04 318 iPc	54 05.20	0.1	COLF	76.20 314 P	54 29.40	0.2
SRO	65.90	314 iPd	53 29.40	2.2		iPcPc	54 23.90		AGO	76.44 314 P	54 30.09	0.4
UPP	65.95	327 iP	53 26.30	-1.0	LLS	72.31 314 P	54 06.88	-0.1	BGF	76.50 315 iPd	54 30.90	0.1
	i	53 45.60	73km		SLE	72.47 315 ePc	54 07.50	-0.2		1.4s	52.30nm	5.3mb
BDV	66.04	308 iPd	53 27.01	-1.3	TMA	72.54 313 P	54 07.00	-0.5	LBL	76.50 313 P	54 31.71	0.3
BRV	66.18	309 iPd	53 20.63	-0.7	ZLA	72.59 315 ePc	54 08.40	0.0	PYM	76.60 314 P	54 31.79	0.3
HCY	66.27	308 iPd	53 20.63	-1.1	VAI	72.66 313 Pd	54 08.10	-0.6	BRW	76.74 18 ePc	54 32.07	0.4
ZST	66.69	315 eP	53 31.10	-1.1	SRBF	72.67 316 P	54 08.46	-0.3		eP	54 51.15	70km
VRAC	66.93	316 iPd	53 33.90	0.2	LANF	72.69 316 P	54 09.07	0.2	MAF	76.77 315 iPd	54 33.00	0.6
	1.6s	244.30nm	5.9mb		WTS	72.73 320 eP	54 09.50	0.5		1.1s	44.70nm	5.3mb
	e	53 52.10	60km			0.9s	29.00nm	5.2mb	TCF	76.99 315 iPd	54 34.20	0.6
KSP	67.00	318 iPd	53 33.90	-0.3		e	54 31.00	01kmX		1.1s	56.15nm	5.4mb
	1.2s	60.00nm	5.4mb		FEL	72.77 315 P	54 09.11	-0.4	LSF	77.46 315 iPd	54 36.20	0.1
	i	53 52.30	69km		BFD	73.06 142 eP	54 10.60	-0.5		0.9s	16.40nm	5.0mb
OLP	67.22	132 iPd	53 36.10	0.3		1.1s	38.00nm	5.2mb	CAF	77.47 313 iPd	54 36.90	0.7
	0.4s	36.00nm	5.7mb		WLS	73.09 316 P	54 10.03	-0.5		1.2s	22.90nm	5.0mb
HVAR	67.60	309 iP	53 37.10	-1.5	CDF	73.14 316 iPd	54 11.50	-0.2	EKA	77.65 325 Pd	54 37.10	0.2
ZAG	67.69	312 eP	53 37.50	-1.1		1.0s	30.75nm	5.2mb		0.9s	23.20nm	5.1mb
PTJ	67.69	312 eP	53 38.00	-0.8	MMK	73.17 313 Pc	54 12.20	0.1	RJF	77.73 314 iPd	54 38.50	0.8
NFS	67.92	328 eP	53 38.30	-1.5	PGF	73.18 310 iPd	54 11.20	-0.8		1.4s	76.65nm	5.5mb
	0.4s	14.90nm	5.3mb			1.0s	56.60nm	5.5mb	Z	24s	0.13um	4.1MszX
Z	17s	104.00um	7.1MszX		BBS	73.18 315 P	54 10.17	-1.7	LDF	77.86 317 iPd	54 38.40	0.1
	LR	20 59.00			ECH	73.26 316 P	54 11.45	-0.8		1.0s	32.20nm	5.2mb
LWI	67.99	259 iP-	53 35.00	-6.2X	MOF	73.35 315 P	54 12.35	-0.5	FLN	78.04 318 iPd	54 39.40	0.2
LWI	67.99	259 iPd	53 41.40	0.2	ENN	73.52 319 eP	54 14.00	0.4		1.2s	33.05nm	5.2mb
PRU	68.19	317 P	53 41.00	0.1		1.0s	20.00nm	5.0mb	Z	24s	0.13um	4.2MszX
	1.2s	25.30nm	5.0mb			e	54 33.00	71km	LPO	78.13 313 iPd	54 40.70	0.8

ESEL	0.9s	29.15nm	5.2mb	CNCB	162.87	279	PKP	02	46.00	2.9X	RS1	2.85	214	eP	45	18.78	1.0				
LFF	78.34	308 eP	54 42.80	1.7	ZOBO	162.87	281	PKPd	02	44.50	1.3	HIN	2.86	148	iPc	45	16.25	-1.5			
	1.1s	35.15nm	5.2mb				LR	01	32.00		RED	2.89	214	eP	45	18.93	0.7				
MFF	78.47	315 iPd	54 41.90	0.3	LPB	162.91	280	PKP	02	45.10	2.2	CVA	2.93	140	eP	45	17.63	-1.1			
	1.4s	50.55nm	5.3mb		ARE	166.01	284	ePKP	02	48.00	2.4	LTI	2.94	163	eP	45	17.67	-1.1			
SLR	78.81	237 iPd	54 44.00	0.0	S.D. = 0.9 on 302 of 320 obs.							TTA	2.97	274	eP	45	17.72	-1.6			
	1.2s	96.88nm	5.6mb		& NOV 22, 1992 12h 44m 33.51s							TMW	3.01	78	eP	45	18.93	-0.9			
EPF	79.21	312 iPd	54 46.00	0.1	62.853 N 149.535 W							GLB	3.04	115	iPc	45	19.50	-0.8			
	1.4s	26.55nm	5.0mb		DEPTH = 72.6km																
EOR	79.78	310 eP	54 50.00	1.2	3.3mb (1 obs.)							SGAM	3.13	137	eP	45	19.86	-1.7			
EROQ	79.84	310 eP	54 49.80	0.6	CENTRAL ALASKA (1)							PRP	3.20	31	eP	45	21.27	-1.3			
EGRA	79.93	311 eP	54 47.90	-1.7	<AEIC>.							ILIM	3.23	212	eP	45	23.38	0.4			
IMA	80.06	23 eP	54 49.91	-0.2	HUR	0.13	340	iPd	44	44.29	1.7	INE	3.27	213	eP	45	24.44	0.8			
	1.7s	44.88nm	5.1mb				eS	44	52.41		INW	3.29	213	eP	45	24.82	1.1				
TTA	80.60	26 eP	54 53.45	0.5	CUT	0.56	217	eP	44	47.52	0.2	SVW	3.36	241	eP	45	23.39	-1.4			
		eP	55 12.15	68km	RND	0.64	29	iPd	44	47.80	-0.4	RAGM	3.39	135	eP	45	24.00	-1.2			
ACU	81.17	308 iPd	54 57.50	1.2	TRF	0.69	331	iPd	44	48.68	-0.2	CNPM	3.44	195	eP	45	26.06	0.2			
ECHE	81.23	309 eP	54 58.00	1.4	MCK	0.92	17	ePd	44	51.10	-0.4	HMT	3.57	133	eP	45	25.74	-1.9			
MBC	81.43	8 eP	54 57.00	0.1				eS	45	04.09		OPT	3.67	211	eP	45	30.45	1.3			
	1.0s	25.00nm	5.1mb		KTH	0.94	319	iPd	44	51.76	0.0	CROM	3.69	122	eP	45	28.47	-1.1			
SVW	81.59	27 eP	54 58.81	0.8	GHO	1.12	165	iPc	44	53.97	-0.1	IMA	3.69	333	eP	45	27.41	-2.1			
	1.0s	23.43nm	5.1mb		SML	1.19	151	iPc	44	54.66	-0.2	PDB	3.81	218	eP	45	30.21	-0.7			
ETOR	81.61	310 eP	54 59.00	0.4	PWA	1.22	188	iP	44	55.70	0.5	TGL	3.81	120	eP	45	29.94	-1.2			
DZM	82.06	117 iPc	55 03.00	1.8	SKT	1.28	228	iPd	44	55.75	-0.3	KAIM	3.83	138	eP	45	29.09	-2.2			
BLF	82.06	235 iPd	55 02.10	0.9				eS	45	12.85		BALM	3.85	115	eP	45	29.51	-2.2			
	1.1s	67.57nm	5.5mb		PLRM	1.28	171	iPc	44	56.11	0.1	AUP	3.98	210	eP	45	34.98	1.6			
EVIA	82.67	308 eP	55 05.50	1.3	PMR	1.28	171	ePc	44	55.79	-0.2	AUW	3.98	210	eP	45	34.34	1.0			
FBA	82.77	22 eP	55 03.93	-0.2				eS	45	12.52		WAX	4.00	124	eP	45	31.99	-1.7			
	1.5s	50.87nm	5.3mb		SCM	1.45	134	iPc	44	58.00	-0.4	AUI	4.00	210	eP	45	36.23	2.5			
		ePcP	55 09.26	68km				eS	45	18.92		SNH	4.18	127	eP	45	35.38	-0.9			
EHUE	83.02	308 iPc	55 06.80	0.8	SUA	1.51	203	ePc	44	59.05	-0.1	CTGM	4.32	112	eP	45	36.90	-1.4			
ENIJ	83.02	307 iPc	55 06.50	0.5				eS	45	20.50		MCNL	4.36	215	eP	45	38.74	0.0			
GUD	83.17	311 eP	55 07.00	1.0	KNK	1.53	160	iPc	44	59.82	0.4	CDD	4.42	209	eP	45	38.96	-0.6			
TOL	83.36	310 eP	55 10.00	2.4				eS	45	20.62		YAH	4.48	120	eP	45	38.54	-2.1			
PMR	84.06	25 eP	55 10.08	-0.6	PMS	1.61	180	iPc	45	01.10	0.5	SYI	4.48	199	eP	45	39.43	-1.0			
	0.8s	16.64nm	5.1mb		TOA	1.73	114	iPc	45	03.10	0.9	PCA	5.24	118	eP	45	48.64	-2.4			
		ePcP	55 15.09		NEA	1.74	7	iPc	45	01.00	-1.3	BCPM	5.57	117	eP	45	48.75	-6.9			
EGUA	84.09	307 iPd	55 11.50	0.1	WRH	1.75	21	iPd	45	01.20	-1.1	PNL	5.84	119	eP	45	56.98	-2.4			
TOA	84.95	24 eP	55 17.40	2.2	THY	1.81	70	ePc	45	04.39	1.2	HON	6.18	119	eP	46	01.48	-2.7			
	0.9s	78.40nm	5.8mb		PAX	1.87	85	iPc	45	03.73	-0.3	ANM	7.24	291	eP	46	19.00	0.3			
EHOR	84.98	308 eP	55 16.30	0.5				eS	45	28.28		YKA	15.93	76	eP	48	11.60	-2.6			
KLU	85.40	25 eP	55 18.24	0.7	SDG	1.87	98	ePc	45	04.32	0.3	0.5s 1.20nm 3.3mb				97 obs. associated					
		eP	55 36.88	67km				eS	45	27.97		NOV 22, 1992 13h 32m 13.16± 0.83s									
EJIF	85.66	307 eP	55 19.70	0.5	NCG	1.91	221	eP	45	04.25	-0.4	45.638 N ± 7.3km 14.153 E ± 6.2km									
EVAL	86.17	309 eP	55 22.20	0.5	CGLM	1.94	218	iPc	45	05.33	0.3	DEPTH = 5.0km (geophysicist)									
BALM	87.06	24 (P)	55 25.93	0.2	HDA	1.94	35	iPd	45	03.83	-1.1	NORTHWESTERN BALKAN REGION (383)									
AVE	88.34	305 eP	55 33.00	0.7				eS	45	29.44		MD 2.2 (LJU), 1.9 (TRI).									
		i	55 44.50	37kmX	CCB	1.96	22	iPd	45	03.83	-1.4	CEY	0.22	62	iPgc	32	16.00	-1.6			
CER	89.24	234 iPc	55 37.80	1.4	PTE	2.01	173	eP	45	06.54	0.7										
	0.8s	18.75nm	5.4mb		CRP	2.01	219	eP	45	06.08	-0.1	TRI	0.28	285	ePg	32	18.70	-0.2			
MAW	90.74	192 P	55 44.59	2.1	CP2	2.04	220	ePn	45	06.40	-0.2										
YKA	94.29	13 eP	55 58.00	-1.3	CKN	2.06	219	ePc	45	06.93	0.3	RIY	0.34	151	ePg	32	19.80	-0.1			
	0.9s	4.90nm	4.9mb		SPU	2.06	216	iPc	45	06.74	0.1										
KIC	96.26	279 P	56 09.50	0.3	TZL	2.08	111	eP	45	07.39	0.6	VOY	0.43	335	iPg	32	21.30	-0.6			
TIC	96.42	279 Pd	56 10.40	0.5	CKT	2.08	218	ePc	45	06.95	-0.1										
LIC	96.58	279 Pd	56 11.00	0.4	BGL	2.09	221	ePnc	45	07.02	-0.1	LJU	0.49	33	e(Pg)	32	24.40	1.5			
MSU	116.37	23 ePKPc	01 25.91	1.4				ePg	45	07.94											
PV10	117.58	21 ePKP	01 27.51	0.7	CKL	2.12	220	iPc	45	07.60	0.0	VBY	0.79	99	e(Pn)	32	29.50	0.6			
GLA	120.02	28 ePKP	01 32.30	1.0	KLU	2.18	127	eP	45	07.85	-0.5										
WMOK	123.80	13 iPKPc	01 38.45	-0.1	MDM	2.19	15	ePc	45	07.33	-1.1	RBL	0.90	333	P	32	30.20	-0.7			
OLY	124.17	6 ePKPd	01 38.99	-0.2	FBA	2.20	20	iPd	45	07.01	-1.5										
UYO	125.13	9 iPKPd	01 39.70	-1.3				eS	45	31.46		FVI	1.35	316	P	32	39.60	1.1			
BAO	143.92	271 e(PKP)	02 14.00	-2.7X	MLY	2.25	347	iPc	45	07.98	-1.3										
		e	02 16.00		NKA	2.27	202	eP	45	13.28	3.8										
		e	02 20.90		VZW	2.29	141	ePc	45	08.80	-1.0										
		e	02 28.50		GLI	2.29	149	ePc	45	08.93	-0.9										
		e	02 31.00		VLZ	2.30	137	iPc	45	08.69	-1.1										
		e	02 34.80					eS	45	36.39											
		e	02 36.00		GLM	2.34	23	iPd	45	09.28	-1.3										
		e	02 39.30		MPA	2.37	178	eP	45	10.90	0.0										
		e	02 42.00		SLKM	2.38	188	eP	45	12.02	1.0										
		e	02 44.20		FID	2.56	144	ePc	45	12.30	-1.3										
		e	02 47.00		DOT	2.60	70	eP	45	13.69	-0.5										

22d 13h

TGL 3.20 350 eP 59 01.25 -5.6
 eS 59 35.62
 CROM 3.21 356 eP 59 00.00 -6.2
 SGAM 3.23 337 eP 59 01.05 -6.1
 eS 59 37.53
 HIN 3.47 327 eP 59 04.34 -6.2
 CTGM 3.48 11 eP 59 05.37 -5.4
 BALM 3.48 2 eP 59 05.02 -5.9
 eS 59 43.97
 LTI 3.67 315 eP 59 06.26 -7.2
 KNIM 3.84 319 eP 59 08.69 -7.1
 SEW 4.35 309 eP 59 15.81 -7.3
 SLKM 4.90 310 eP 59 23.19 -7.7
 SPU 6.02 311 eP 59 39.13 -7.6
 SKT 6.30 318 eP 59 45.24 -5.4

19 obs. associated

* NOV 22, 1992 14h 25m 21.92± 0.77s
 23.351 N ± 6.9km 120.681 E ± 7.3km
 DEPTH = 10.0km (geophysicist)

TAIWAN (244)

TWK 0.20 245 iPc 25 26.30 0.0
 eS 25 30.00
 TWF1 0.57 90 iPd 25 33.40 0.0
 eS 25 41.70
 TWG 0.64 146 iPd 25 34.70 0.0
 TWQ 0.93 9 ePc 25 39.50 -0.2
 TWZ 1.92 25 eP 25 55.20 0.2
 SSE 7.73 3 eP 27 49.00 31.9X
 S.D. = 0.2 on 5 of 6 obs.

? NOV 22, 1992 14h 35m 27.84± 6.73s
 48.768 N ± 36.6km 1.040 W ± 36.6km
 DEPTH = 10.0km (geophysicist)

FRANCE (538)

ML 1.9 (LDG).

FLN 0.37 91 Pg 35 35.40 0.0
 Sg 35 41.20
 GRR 0.40 162 Pg 35 36.00 0.0
 Sg 35 42.30
 LDF 0.63 106 Pg 35 40.60 0.1
 Sg 35 49.10
 LPF 0.74 180 Pg 35 42.30 0.0
 Sg 35 52.10
 S.D. = 0.1 on 4 of 4 obs.

* NOV 22, 1992 14h 44m 46.45± 0.38s
 56.499 S ± 12.0km 25.484 W ± 11.5km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.) 4.6Msz (1 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

NVL 21.36 147 iPd 49 32.00 0.3
 1.6s 47.00nm 4.6mb
 Z 15s 1.50um 4.5MszX
 E 16s 1.20um

SPA 33.68 180 iPd 51 26.00 -0.1
 1.0s 110.00nm 5.7mb X
 Z 15s 1.00um 4.7MszX

TCA 36.98 296 iP 51 52.60 -1.7
 VAO 36.99 326 eP 51 56.20 1.7
 FSA 42.02 299 eP 52 35.00 -1.0
 BAO 44.24 328 e(P) 52 45.30 -9.1X
 e 52 46.20
 e 52 57.50

SIV 48.58 312 P 53 32.20 3.7X
 SLR 49.08 74 iPc 53 31.50 -1.0
 CCH 49.55 305 eP 53 36.00 -0.3
 CNCB 50.89 304 P 53 47.30 0.4
 ZOBO 51.42 304 iPc 53 50.00 -0.9
 Z 20s 0.53um 4.6Msz

ARE 52.85 300 iPd 54 00.70 -0.6
 NNA 59.30 297 eP 54 47.00 -0.3
 0.9s 12.60nm 5.0mb

LIC 64.73 23 P 55 23.20 -0.2
 KIC 64.92 23 P 55 25.30 0.6
 TIC 65.14 23 P 55 25.80 -0.3
 BAO 70.51 47 iPd 56 05.30 5.6X
 0.8s 7.00nm 4.8mb

MUN 86.06 148 eP 57 23.00 -1.7
 ASPA 98.26 161 P 58 22.79 1.1

1.1s 1.20nm 4.3mb
 WRA 101.98 161 Pd diff 50 40.70 2.5X
 0.7s 0.20nm 3.9mb
 ULM 121.23 315 ePKP 03 38.50 2.2
 DMN 123.83 90 PKP 03 42.60 0.2
 GKN 123.87 90 PKP 03 42.24 -0.1
 PKI 123.96 91 PKP 03 40.92 -1.9
 KKN 124.06 90 PKP 03 41.02 -1.8
 GUN 124.49 91 PKP 03 44.02 0.2
 YKA 137.14 317 ePKP 04 05.30 -1.1
 0.5s 3.10nm

MBC 144.78 336 ePKP 04 18.50 -1.1
 0.9s 11.00nm
 SSE 145.60 123 PKPc 04 23.00 0.7
 1.0s 15.00nm

KLU 149.87 305 ePKP 04 30.19 1.9
 ePKPbc04 33.41
 BJI 150.13 107 ePKP 04 34.50 5.3X
 1.4s 29.00nm

PMR 151.37 304 (PKP) 04 31.63 1.3
 ePKPbc04 36.63
 FBA 151.53 311 (PKP) 04 31.65 1.1
 ePKPbc04 35.54

SLKM 151.58 301 (PKP) 04 31.76 1.0
 ePKPbc04 37.03
 BGL 152.81 302 ePKP 04 34.25 1.6
 ePKPbc04 39.63

S.D. = 1.2 on 30 of 35 obs.

* NOV 22, 1992 14h 56m 14.48± 0.37s
 56.559 S ± 11.7km 25.380 W ± 9.8km
 DEPTH = 10.0km (geophysicist)
 5.1mb (1 obs.) 5.0Msz (1 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

NVL 21.28 146 eP 01 03.00 0.3
 SIV 48.66 312 P 05 04.00 3.5X
 CCH 49.63 305 eP 05 08.00 -0.3
 CNCB 50.97 303 P 05 19.20 0.4
 LPB 51.27 303 P 05 21.10 0.2

1.1s 126.58nm 5.8mb X
 Z 18s 1.37um 5.0Msz
 eLR 10 50.00

ZOBO 51.50 304 iPc 05 22.80 -0.1
 1.0s 112.50nm 5.8mb X
 ARE 52.93 300 iPd 05 33.40 0.1
 0.4s 63.56nm 5.9mb X

NNA 59.38 297 eP 06 18.30 -0.9
 0.9s 15.13nm 5.1mb
 LIC 64.76 22 P 06 55.40 0.3
 KIC 64.95 23 P 06 56.60 0.3
 TIC 65.17 22 P 06 57.50 -0.3

BCAO 70.50 47 iPc 07 44.40 13.2X
 0.4s 3.00nm
 ULM 121.32 315 ePKP 15 09.50 1.3

GKN 123.81 90 PKP 15 13.40 -0.5
 PKI 123.91 91 PKP 15 13.80 -0.5
 KKN 124.01 90 PKP 15 14.00 -0.4
 GUN 124.43 91 PKP 15 15.20 -0.2
 BGMT 124.50 301 ePKP 15 15.50 0.7

YKA 137.23 317 ePKP 15 34.50 -3.7X
 0.7s 2.40nm
 MBC 144.86 335 ePKPc 15 51.00 -0.4
 0.9s 13.00nm

BJI 150.06 107 ePKP 16 06.00 5.3X
 S.D. = 0.6 on 17 of 21 obs.

? NOV 22, 1992 14h 59m 39.49± 0.92s
 39.119 N ± 8.3km 27.513 E ± 9.2km
 DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.8 (ISK).

IZM 0.75 195 ePg 59 54.10 0.0
 eSg 00 05.10
 DST 0.99 60 ePn 59 58.50 0.2
 EZN 1.16 308 ePn 00 01.20 0.1
 KCT 1.30 30 iPn 00 03.40 -0.2

S.D. = 0.3 on 4 of 4 obs.

* NOV 22, 1992 15h 12m 12.53s
 60.542 N 141.702 W
 DEPTH = 9.9km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.5 (AEIC).

YAH 0.18 187 iP 12 16.67 0.0

eS 12 20.49
 CTGM 0.46 23 iP 12 22.11 0.2
 eS 12 29.29
 WAX 0.58 261 eP 12 23.60 -0.7
 eS 12 32.61
 BALM 0.59 328 iP 12 23.92 -0.6
 TGL 0.60 292 iP 12 23.77 -0.9
 iS 12 32.07
 CYK 0.60 221 iP 12 24.25 -0.4
 S 12 33.30

SNH 0.67 238 iP 12 25.15 -0.8
 S 12 35.08
 CROM 0.74 288 eP 12 25.81 -1.4
 PCA 0.85 121 iP 12 27.73 -1.2

eS 12 40.80
 BCPM 1.19 119 eP 12 32.76 -1.9
 HMT 1.29 262 eP 12 35.47 -0.9
 S 12 54.15

GLB 1.37 312 iP 12 36.10 -1.6
 S 12 54.86
 PNL 1.45 126 eP 12 36.70 -2.1
 eS 12 56.31

RAGM 1.48 265 eP 12 38.81 -0.5
 KAIM 1.49 247 eP 12 38.75 -0.6
 SGAM 1.73 270 eP 12 42.35 -0.5
 S 13 05.12

HON 1.79 126 eP 12 41.13 -2.6
 eS 13 04.00
 CVA 2.00 272 eP 12 42.70 -4.0
 KLU 2.26 297 eP 12 50.03 -0.6

VLZ 2.34 287 eP 12 50.36 -1.3
 TZL 2.35 312 eP 12 50.22 -1.5
 FID 2.36 277 eP 12 52.35 0.4
 TOA 2.67 308 eP 12 55.87 -0.5
 SDG 2.71 319 eP 12 55.50 -1.5

24 obs. associated

* NOV 22, 1992 15h 15m 58.68± 0.33s
 56.340 S ± 11.2km 25.490 W ± 10.8km
 DEPTH = 33.0km (normal)
 4.6mb (5 obs.) 5.5Msz (1 obs.)
 SOUTH SANDWICH ISLANDS REGION (153)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 12S, 20C

Centroid Location:

Origin Time 15:16: 5.2 0.9

Lot 56.65S 0.12 Lon 25.17W 0.14

Dep 15.0 FIX Half-duration 1.3

Moment Tensor: Scale 10⁻¹⁷ Nm

Mrr=-1.36 0.09 Mtt=-0.36 0.12

Mff=-1.00 0.13 Mrt=-1.14 0.29

Mrf=2.17 0.46 Mtf=0.53 0.11

Principal Axes:

T Vol= 2.82 Plg=59 Azm=243

N -0.06 1 152

P -2.76 31 61

Best Double Couple: Mo=2.8*10⁻¹⁷

NP1:Strike=150 Dip=14 Slip= 88

NP2: 332 76 91

NVL 21.50 147 eP 20 48.00 1.9
 0.9s 17.00nm 4.5mb
 Z 16s 3.70um 4.9MszX
 N 16s 2.00um
 E 17s 3.00um

eS 21 07.00
 eS 24 27.00
 VAO 36.85 326 eP 23 08.30 2.7
 MAW 39.35 143 P 23 26.79 0.9
 FSA 41.94 299 eP 23 47.00 -0.6
 SIV 48.47 312 eP 24 41.00 1.1
 i 24 44.00

CCH 49.46 305 eP 24 48.00 0.2
 CNCB 50.80 303 Pc 24 58.70 0.3
 LPB 51.10 303 P 25 00.00 -0.5
 ZOBO 51.32 304 iPc 25 02.10 -0.4
 ARE 52.77 300 eP 25 13.00 0.1
 0.5s 77.46nm 5.9mb X

NNA 59.22 297 eP 25 58.00 -1.0
 0.9s 16.81nm 5.2mb
 LIC 64.58 23 P 26 34.60 -0.1
 KIC 64.78 23 P 26 36.00 0.0
 TIC 64.99 23 P 26 37.20 -0.2
 BAO 70.40 47 iPd 27 11.50 0.2
 0.8s 4.00nm 4.5mb
 SDV 74.89 313 iPc 27 37.50 -0.5

MUN 86.19 148 eP 28 36.00 -1.6
 ASPA 98.42 161 P 29 34.70 0.1
 0.8s 2.10nm 4.7mb
 WRA 102.13 161 Pdiff 29 50.80 -0.3
 0.9s 0.50nm 4.2mb
 MSU 119.33 296 ePKP 34 45.88 0.2
 RSSD 119.77 306 ePKP 34 45.40 -0.9
 ULM 121.12 315 ePKP 34 39.00 -9.4X
 DMN 123.83 90 PKP 34 54.34 -0.3
 GKN 123.87 89 PKP 34 52.32 -2.3
 PKI 123.97 90 PKP 34 54.46 -0.6
 KKN 124.07 90 PKP 34 55.06 0.0
 GUN 124.49 91 PKP 34 56.50 0.4
 CVP 134.25 134 ePKP 34 55.60 -18.8X
 PIP 134.32 132 iPKPc 35 06.00 -8.5X
 YKA 137.03 317 ePKP 35 09.90 -8.5X
 0.6s 3.80nm
 MBC 144.63 336 ePKP 35 30.50 -1.1
 1.0s 18.00nm
 SSE 145.69 123 PKPc 35 35.00 0.3
 1.2s 15.00nm
 Z 20s 0.90um 5.5Msz
 TOA 150.07 306 e(PKP) 35 46.80 6.0X
 0J1 150.18 107 ePKP 35 46.50 5.0X
 PMS 151.39 303 ePKP 35 48.40 5.7X
 1.1s 59.00nm
 FBA 151.42 311 ePKP 35 43.35 0.7
 CRP 152.61 303 (PKP) 35 45.99 1.3
 0GL 152.72 303 ePKP 35 51.56 6.0X
 IMA 154.00 313 ePKP 35 55.74 9.3X
 S.D. = 1.0 on 30 of 39 obs.

* NOV 22, 1992 15h 19m 43.54 ± 1.90s
 34.097 S ± 11.0km 70.473 W ± 11.0km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

CACH 0.11 259 iP+ 19 46.70 0.2
 CHCH 0.22 318 iPd 19 49.02 0.7
 PCH 0.48 356 iP 19 53.50 0.3
 TACH 0.59 319 iP+ 19 55.20 -0.3
 SAN 0.66 346 iPd 19 56.76 0.0
 FCH 0.78 11 iP+ 19 58.82 -0.2
 LNV 0.79 280 iPd 19 58.38 -0.5
 PEL 0.97 349 iPd 20 01.93 0.0
 LCCH 1.10 304 iPd 20 03.84 -0.4
 ROCH 1.21 338 iPd 20 05.84 -0.4
 JACH 1.42 356 iP 20 09.20 -0.2
 IHA 1.45 317 eP 20 10.50 0.8
 MDZ 1.82 49 eP 20 20.60 5.4X
 1.0s 20.55.40

S.D. = 0.5 on 12 of 13 obs.

NOV 22, 1992 15h 21m 12.68 ± 1.23s
 34.123 S ± 9.4km 70.444 W ± 6.5km
 DEPTH = 10.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

CACH 0.13 273 iP+ 21 16.32 0.4
 CHCH 0.26 318 iPd 21 18.71 0.6
 PCH 0.50 353 iP+ 21 23.00 0.1
 TACH 0.62 319 iP+ 21 24.82 -0.4
 FCH 0.80 9 iP+ 21 28.44 -0.1
 LNV 0.82 281 iPd 21 28.04 -0.5
 PEL 1.00 348 iPd 21 31.52 -0.1
 TCA 5.66 62 eP 22 39.00 0.0
 S.D. = 0.4 on 8 of 8 obs.

NOV 22, 1992 15h 31m 23.24 ± 0.96s
 3.238 N ± 4.1km 126.538 E ± 8.0km

DEPTH = 73.1 ± 8.9 km
 4.8mb (22 obs.)
 TALAUD ISLANDS, INDONESIA (263)

MNI 2.46 224 ePc 32 04.00 2.1
 CTB 4.57 329 ePd 32 34.70
 BIP 4.96 357 eP 32 35.00 3.5X
 CGP 5.50 341 eP 32 35.20 -1.7
 0.4s 32 43.50 -0.9
 PLP 8.03 349 ePc 33 20.50 1.1
 TSM 8.71 277 iPd 33 29.10 0.3
 MKS 10.97 220 ePd 34 04.50 4.9X
 0AG 14.34 336 eP 34 47.90 3.7X
 MTN 16.62 164 eP 35 10.00 -3.1X
 WWKK 18.38 112 eP 35 22.00 -12.9X
 KNA 18.99 173 eP 35 39.00 -3.0X
 0.6s 23.00nm 4.6mb
 QIZ 22.65 315 P 36 23.20 4.0X
 QZH 22.90 341 eP 36 21.40 -0.2
 GZH 23.51 328 eP 36 27.00 -0.5
 WB2 24.20 162 iPc 36 33.40 -1.7
 0.5s 51.50nm 5.2mb
 IPM 25.49 274 ePd 36 48.00 1.5
 ASPA 27.69 165 iPd 37 04.90 -1.7
 0.6s 9.90nm 4.6mb
 NST 28.78 297 eP 37 21.00 4.6X
 WARB 29.25 180 eP 37 20.10 -0.5
 0.3s 5.00nm 4.6mb
 GYA 29.94 322 P 37 26.60 -0.2
 Z 26s 0.79um 4.2MszX
 MEEK 30.67 194 eP 37 31.00 -2.2
 0.4s 5.00nm 4.6mb
 CHG 31.11 302 ePd 37 37.00 -0.2
 MRWA 33.82 197 eP 38 00.50 -0.1
 0.4s 2.00nm 4.4mb
 FORT 33.86 178 eP 38 00.90 0.1
 TIA 33.94 346 eP 38 01.10 -0.5
 XAN 34.77 334 Pc 38 07.00 -1.7
 0.7s 19.00nm 5.1mb
 MAT 34.84 17 eP 38 11.00 1.7
 0.4s 43 11.00
 CD2 34.93 324 iPd 38 09.30 -0.8
 0AL 34.94 195 eP 38 10.00 -0.2
 KLB 35.63 193 eP 38 16.00 0.0
 0.4s 5.00nm 4.8mb
 MUN 36.37 195 eP 38 22.50 0.3
 TIY 36.67 341 eP 38 25.20 0.4
 STKA 37.74 159 iPd 38 36.70 3.0X
 0.4s 44 21.00
 BJI 37.82 347 eP 38 34.00 -0.3
 1.4s 72.00nm 5.4mb
 Z 26s 0.59um 4.3MszX
 SNY 38.51 356 eP 38 41.00 0.9
 1.2s 41.00nm 5.2mb
 sP 38 49.40
 LZH 38.83 330 Pc 38 43.00 0.0
 1.5s 81.00nm 5.4mb
 Z 26s 1.34um 4.7MszX
 pP 38 54.00 39kmX
 sP 38 58.50
 HHC 39.80 342 P 38 50.80 -0.2
 1.2s 22.00nm 5.0mb
 CN2 40.40 359 eP 38 58.00 2.3
 0.8s 3.00nm 4.2mb
 ARMA 41.16 146 eP 39 02.00 -0.3
 0.4s 4.00nm 4.6mb
 MDJ 41.30 3 eP 39 03.50 0.5
 1.0s 18.00nm 4.8mb
 LSA 42.62 312 iPd 39 16.00 1.3
 BWA 42.75 153 eP 39 16.40 1.3
 CAN 43.76 153 eP 39 24.10 0.8
 GUN 45.86 307 P 39 40.40 -0.2
 PKI 46.10 306 P 39 41.00 -0.7
 KKN 46.29 306 P 39 43.60 -0.3
 GKN 46.90 306 P 39 48.40 -0.2
 HYB 49.10 290 iPd 40 05.30 -0.4
 1.2s 57.10nm 5.5mb
 KOD 49.18 281 eP 40 06.00 -0.6
 GBA 49.56 285 P 40 09.00 -0.1
 WMO 53.02 325 P 40 34.00 -0.9
 1.5s 24.00nm 5.0mb
 Z 25s 1.16um 4.8MszX
 pP 40 41.50 25kmX
 PP 42 35.50

POO 53.71 291 eS 48 04.00
 KSH 58.22 315 P 40 36.70 -3.6X
 YAK 58.69 2 iPc 41 13.50 1.0
 0.9s 123.00nm 6.0mb X
 QUE 62.25 302 eP 41 49.60 9.3X
 MAIO 69.66 308 eP 42 27.00 -0.3
 IMA 82.91 24 eP 43 44.20 3.0X
 0.7s 2.91nm 4.3mb
 OBN 87.33 325 eP 44 04.00 0.8
 1.1s 39.00nm 5.5mb
 Z 20s 0.30um 4.7Msz
 e 46 30.00
 e 56 08.00
 KAF 91.94 332 eP 44 22.50 -2.1X
 0.6s 3.00nm 4.9mb
 HFS 98.36 332 eP 44 51.10 -2.9X
 0.4s 0.40nm 4.3mb
 NAO 99.40 333 P 44 57.80 -0.9
 0.8s 1.90nm 4.7mb
 CNCB 160.37 134 ePKP 51 18.00 1.1
 i 51 56.00
 LPB 160.47 134 (PKP) 51 22.00 5.1X
 i 51 57.80
 ZOBO 160.60 133 PKP 51 19.20 1.9
 i 51 58.80
 SIV 165.28 150 PKP 51 40.00 19.0X
 S.D. = 1.1 on 49 of 65 obs.

% NOV 22, 1992 15h 36m 55.39 ± 0.74s
 40.399 N ± 7.9km 29.157 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.7 (ISK).

YLV 0.23 45 iPg 37 00.40 -0.1
 KCT 0.63 256 eSg 37 04.90
 eSg 37 07.90 -0.2
 DST 0.89 207 ePg 37 17.90
 eSg 37 12.40 -0.1
 BNT 0.95 268 ePn 37 13.80 0.4
 EDC 0.99 267 ePn 37 14.00 -0.2
 ALT 1.53 151 ePn 37 23.00 0.1
 S.D. = 0.3 on 6 of 6 obs.

? NOV 22, 1992 15h 48m 21.61 ± 2.35s
 51.857 N ± 41.3km 168.596 W ± 21.4km
 DEPTH = 33.0km (normal)
 4.4mb (6 obs.)
 FOX ISLANDS, ALEUTIAN ISLANDS (9)

ADK 5.01 273 eP 49 36.54 0.1
 S 50 28.51
 IMA 16.12 22 eP 52 08.36 1.2
 YKA 30.22 48 eP 54 30.80 -0.1
 0.4s 0.50nm 3.7mb
 KAF 65.76 352 iP 59 04.00 -0.8
 0.6s 6.40nm 4.9mb
 NUR 67.48 353 eP 59 14.70 -1.0
 0.5s 5.30nm 4.9mb
 NAO 67.67 0 P 59 15.90 -1.0
 0.8s 2.70nm 4.4mb
 HFS 68.35 359 eP 59 20.00 -1.1
 0.4s 1.80nm 4.5mb
 Z 20s 305.00um 7.5MszX
 LR 20 21.00
 GEC2 79.66 358 ePKP 00 28.50 1.6
 1.1s 1.72nm 4.0mb
 e 00 39.90
 HYB 89.80 298 eP 01 19.50 1.2
 S.D. = 1.3 on 9 of 9 obs.

NOV 22, 1992 15h 53m 16.76 ± 0.42s
 43.878 N ± 4.2km 10.318 E ± 3.4km
 DEPTH = 12.8 ± 3.1 km
 CENTRAL ITALY (381)
 MD 3.1 (FIR). ML 2.9 (LDG).

PIL 0.22 136 Pc 53 21.20 -0.4
 eSg 53 24.70
 BDI 0.27 47 Pd 53 22.00 -0.7
 MME 0.42 41 P 53 27.00 1.5
 FIR 0.69 98 ePg 53 24.00 -6.1X
 iSg 53 40.00
 BOB 1.09 325 P 53 36.80 -0.2
 eSg 53 53.80

22d 15h

CRE 1.21 101 P 53 39.00 -0.1
 CKI 1.57 291 P 53 44.60 0.3
 PGF 1.64 216 Pn 53 46.00 0.5
 SAL 1.74 5 P 53 47.50 0.8
 ASS 1.89 115 P 53 49.50 0.5
 ARV 1.94 100 P 53 50.00 0.2
 MDI 1.95 347 P 53 50.90 1.1
 CTI 2.37 23 P 53 55.40 -0.6
 FRF 2.68 264 Pn 54 00.20 -0.2
 LMR 2.82 260 Pn 54 02.10 -0.2
 LRG 2.90 263 Pn 54 03.50 0.0
 LPG 3.02 304 Pn 54 08.70 3.4X
 LPL 3.04 304 Pn 54 08.30 2.7X
 TRI 3.06 52 e(P) 54 02.70 -3.0X
 FVI 3.22 32 P 54 08.60 0.6
 RBL 3.44 41 P 54 09.50 -1.7
 BSF 4.66 329 Pn 54 28.70 0.2
 HAU 4.97 328 Pn 54 32.20 -0.6
 CDF 5.00 336 Pn 54 32.50 -0.8
 GEC2 5.49 24 Pn 54 37.60 -2.7X
 S.D. = 0.8 on 20 of 25 obs.

* NOV 22, 1992 16h 01m 07.22 ± 1.70s
 0.801 S ± 9.6km 124.365 E ± 15.2km
 DEPTH = 62.2 ± 19.6 km
 4.5mb (4 obs.)
 SOUTHERN MOLUCCA SEA (269)

MNI 2.28 12 eP 01 43.00 -0.1
 MKS 6.57 228 iPd 02 43.00 -0.4
 TSM 8.23 308 eP 03 06.50 0.1
 KKM 10.60 310 eP 03 40.00 1.0
 PIP 19.36 349 ePc 05 27.00 -3.7X
 WB2 21.39 153 eP 05 50.30 -1.4
 0.8s 4.10nm 3.8mb
 IPM 23.92 283 eP 06 20.30 3.7X
 ASPA 24.54 159 iPd 06 26.90 4.4X
 0.8s 9.60nm 4.3mb
 WARB 25.33 175 eP 06 32.00 2.1
 CHG 31.68 309 eP 07 35.90 8.7X
 ARMA 39.21 141 eP 08 35.00 3.7X
 0.6s 6.00nm 4.6mb
 MAT 39.32 18 eP 08 32.00 0.0
 GUN 46.67 311 P 09 30.26 -1.8
 YAK 62.78 3 eP 11 29.00 0.9
 0.8s 31.00nm 5.4mb
 S.D. = 1.5 on 9 of 14 obs.

NOV 22, 1992 16h 19m 54.24 ± 0.84s
 45.237 N ± 7.0km 3.542 E ± 5.4km
 DEPTH = 10.0km (geophysicist)
 FRANCE (538)
 ML 2.5 (LDG).

LBL 0.21 269 Pg 19 58.90 0.1
 PYM 0.64 324 Pg 20 06.60 -0.4
 SSB 0.71 86 Pg 20 07.99 -0.2
 PLDF 0.73 4 Pg 20 08.29 -0.4
 AGO 0.86 341 Pg 20 10.80 -0.1
 CAF 1.09 254 Pg 20 14.50 -0.3
 MAF 1.20 326 Pg 20 16.40 -0.2
 TCF 1.40 319 Pg 20 20.70 0.8
 BGF 1.41 340 Pn 20 19.00 -0.9
 SMF 1.42 8 Pn 20 20.30 0.2
 RJF 1.43 273 Pg 20 20.90 0.6

AVF 1.56 355 Sg 20 38.80
 LSF 1.74 306 Pg 20 23.70 1.7
 LPO 1.76 252 Pg 20 23.70 -0.9
 LBF 1.77 10 Pg 20 26.90
 SSF 1.82 359 Pg 20 48.60
 LOR 2.04 6 Pg 20 27.80 2.8X
 Sg 20 49.60
 Sg 20 50.80
 Sg 20 52.60 3.5X
 Sg 20 57.20
 S.D. = 0.8 on 13 of 17 obs.

* NOV 22, 1992 16h 32m 29.12s
 60.063 N 153.564 W
 DEPTH = 157.3km
 SOUTHERN ALASKA (2)
 <AEIC>.

INW 0.22 89 iP 32 49.69 0.6
 INE 0.25 90 iP 32 49.84 0.6
 ILIM 0.30 86 iP 32 49.81 0.5
 PDB 0.42 229 iP 32 50.19 0.6
 OPT 0.44 158 iP 32 50.57 0.8
 RDW 0.56 41 iP 32 51.23 -0.9
 RS1 0.57 45 iP 32 51.25 -0.9
 RS2 0.57 45 iP 32 51.29 -0.9
 RSO 0.57 45 iP 32 51.19 -1.0
 NCT 0.59 32 iP 32 51.32 -0.8
 REF 0.61 45 iP 32 51.41 -0.9
 AUL 0.69 174 eP 32 52.02 -0.5
 DFR 0.69 39 iP 32 51.66 -1.0
 AUA 0.70 176 iP 32 51.94 -0.7
 AUH 0.70 175 eP 32 51.79 -1.0
 AUP 0.71 174 eP 32 51.28 -1.5
 AUE 0.71 172 eP 32 51.80 -0.9
 AUI 0.73 175 eP 32 52.00 -0.9
 MCNL 0.96 204 eP 32 53.52 -1.1
 HOM 1.05 112 eP 32 54.69 -0.6
 CDD 1.14 182 iP 32 54.80 -1.3
 CKL 1.29 27 iP 32 56.85 -0.7
 CNPM 1.29 114 iP 32 56.24 -1.3
 CKT 1.32 30 eP 32 57.01 -0.9
 BGL 1.34 25 iP 32 57.65 -0.4
 NKA 1.34 58 eP 32 58.14 0.2
 SPU 1.35 33 eP 32 57.17 -0.9
 BRLK 1.38 101 eP 32 57.39 -1.0
 SYI 1.58 157 iP 32 58.51 -1.8
 SLKM 1.72 74 eP 33 00.53 -1.5
 SUA 1.97 43 eP 33 03.38 -1.5
 SEW 2.06 87 eP 33 04.41 -1.3
 MPA 2.14 77 eP 33 05.56 -1.1
 SKT 2.16 26 eP 33 06.01 -1.0
 PTE 2.39 68 eP 33 08.41 -1.2
 GH0 2.84 51 eP 33 12.45 -2.9
 LTI 2.86 88 iP 33 13.83 -1.7
 KNIM 2.92 82 iP 33 14.02 -2.3
 SML 3.10 53 eP 33 15.55 -3.0
 GLI 3.31 73 eP 33 18.77 -2.4
 FID 3.58 76 iP 33 22.22 -2.5
 41 obs. associated

NOV 22, 1992 17h 35m 20.39 ± 0.19s
 19.578 S ± 5.6km 173.772 W ± 4.4km
 DEPTH = 20.7km (16 depth phases)
 5.5mb (50 obs.) 5.4Msz (48 obs.)
 TONGA ISLANDS (173)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 32S, 70C
 Centroid Location:
 Origin Time 17:35:29.0 0.2
 Lat 19.29S 0.03 Lon 173.13W 0.02
 Dep 15.0 FIX Half-duration 1.9
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr= 4.12 0.07 Mtt= 0.46 0.08
 Mff=-4.58 0.10 Mrt= 1.65 0.21

Mrr= 3.20 0.26 Mtt=-0.87 0.07
 Principal Axes:
 T Vol= 5.51 Plg=68 Azm=313
 N 0.41 10 197
 P -5.92 19 103
 Best Double Couple: Mo=5.7*10¹⁷
 NP1: Strike=176 Dip=27 Slip= 67
 NP2: 21 65 101

AFI 5.95 19 eP 36 43.00 -6.6X
 SVA 7.50 280 ePd 37 41.00
 VUN 7.52 281 iPc 37 17.90 6.5X
 PVC 17.08 273 iPc 39 26.20 6.6X
 BKM 17.15 273 iPc 39 25.50 5.0X
 DZM 18.66 259 iPc 39 40.90 1.6
 URZ 20.23 201 P 39 54.60 -2.4X
 MOZ 21.31 205 P 40 10.40 2.4
 1.1s 323.00nm 5.7mb
 AFR 22.83 89 eP 40 23.40 0.1
 2.1s 867.50nm 5.9mb
 PAE 23.00 89 eP 40 24.90 -0.1
 1.7s 944.00nm 6.0mb
 PPT 23.02 89 eP 40 25.30 0.1
 1.5s 852.40nm 6.1mb
 PPN 23.16 89 eP 40 26.70 0.1
 2.1s 1034.10nm 6.0mb
 SNZO 23.79 202 P 40 20.00 -12.4X
 1.1s 41 24.00
 (S) 44 18.00
 45 37.00

QRZ 24.20 206 eP 40 37.80 1.3
 KHZ 25.17 202 eP 40 46.90 1.1
 DSZ 25.27 206 eP 40 46.20 -0.6
 TPT 25.37 84 eP 40 44.40 -3.5X
 1.4s 146.40nm 5.4mb
 LTZ 25.96 204 eP 40 53.20 -0.1
 LMZ 27.95 207 eP 41 14.00 2.6X
 BRS 31.58 249 eP 41 43.00 -1.0
 1.0s 47 18.00
 ARMA 33.04 244 eP 41 56.50 -0.3
 0.5s 8.00nm 4.9mb
 RMQ 35.07 252 eP 42 13.70 -0.6
 0.5s 10.00nm 5.0mb
 CNB 36.04 237 eP 42 21.70 -0.7
 1.0s 61.00nm 5.5mb
 CAN 36.33 237 eP 42 24.20 -0.6
 1.0s 42 39.10 58kmX
 BWA 36.56 238 eP 42 23.80 -3.0X
 0.5s 42 35.50 42kmX
 CTA 37.54 262 P 42 34.79 -0.4
 CMS 38.13 244 iPd 42 39.00 -1.0
 0.5s 9.00nm 4.8mb
 PMG 39.07 279 eP 42 46.90 -1.1
 OLP 39.12 252 eP 42 39.00 -9.3X
 STKA 41.76 244 eP 43 13.20 3.2X
 1.0s 43 28.60 60kmX
 1.0s 49 03.30

STK 41.77 244 P 43 15.89 5.9X
 BFD 41.84 236 eP 43 13.00 2.5X
 0.9s 15.00nm 4.7mb
 HON 43.48 22 P 43 30.00 6.0X
 Z 19s 1.46um 4.9Msz
 ASPA 48.60 255 iPc 44 03.20 -1.6
 1.4s 49.90nm 5.4mb
 ePcS 49 36.40
 iS 51 02.90

WB2 48.66 260 iPd 44 02.90 -2.4
 0.9s 31.20nm 5.3mb
 WRA 48.67 260 P 44 03.20 -2.1
 0.9s 12.00nm 4.9mb
 MTN 53.15 268 iPd 44 37.50 -1.9
 0.7s 64.00nm 5.7mb
 FORT 53.30 246 eP 44 39.30 -1.0
 SLKI 54.37 274 eP 44 48.00 -0.4
 WARB 54.89 251 iPd 44 50.30 -1.9
 MBL 61.84 256 iPc 45 35.90 -4.9X
 0.9s 76.00nm 5.8mb
 MEEK 61.97 250 eP 45 38.00 -3.6X
 1.0s 29.00nm 5.4mb
 KLB 62.03 244 eP 45 41.00 -1.0
 1.0s 54.00nm 5.6mb
 BAL 63.05 245 eP 45 47.50 -1.2
 1.0s 53.00nm 5.6mb
 MUN 63.30 243 eP 45 49.00 -1.3
 1.0s 60.00nm 5.7mb
 Z 20s 5.10um 5.7Msz

[illegible]

* NOV 22, 1992 19h 41m 04.84 \pm 1.18s
43.811 N \pm 12.9km 149.315 E \pm 15.1km
DEPTH = 33.0km (normal)
4.7mb (8 obs.)

EAST OF KURIL ISLANDS (222)						MOX 3.03 254 ePg 53 48.20 7.8X						CNCB 12.75 14 P 14 11.50 2.6X					
KUSJ	3.43	260	iPd	41 56.50	-0.7	GEC2	3.16	211	iSg	53 42.50		LPB	13.00	13	eP	14 12.00	0.0
			eS	42 27.30					Pn	53 42.60	0.1		Z	20s	2.13um		
HOOJ	4.64	254	eP	42 15.80	1.4				Pg	53 47.80					LR	18 27.00	
			eS	43 01.30					Sn	54 28.40		ZOBO	13.23	13	P	14 11.70	-3.6X
ASAJ	4.83	276	eP	42 18.30	1.3	VKA	3.31	178	ePg	53 54.00	9.4X		Z	24s	0.93um		
MRRJ	6.19	260	eP	42 35.70	-0.6				iSg	54 37.00					i	14 17.00	
			eS	43 36.50		ZST	3.43	170	eP	54 35.30	49.1X	NNA	17.97	342	eP	15 15.00	-0.5
OFUJ	7.44	233	P	42 53.10	-0.7				e	54 56.00			0.9s	16.81nm	e	16 21.90	4.2mb
			eS	44 07.90		GRF	3.68	241	ePn	53 49.60	-0.2				eS	20 41.50	
YAMJ	8.99	234	eP	43 15.60	0.2				ePg	54 01.00		VAO	22.64	80	eP	16 04.90	-0.7
MAT	11.17	233	iPc	43 44.80	-0.4				e(Sn)	54 31.20					e	16 06.20	5kmX
	0.8s	5.97nm							eSg	54 48.30					e	16 21.90	
YAK	21.57	335	eP	45 51.00	-2.2										e	16 43.40	
	1.0s	50.00nm													e	16 28.70	-1.3
BJI	24.85	273	eP	46 26.00	0.6							BMA	25.17	81	eP	16 47.30	83kmX
LZH	35.34	273	Pd	47 59.00	-0.2										e	16 30.00	-1.7
	1.5s	24.00nm										BAO	25.34	63	Pc	16 42.50	50km
															e	16 48.00	
GUN	52.57	275	P	50 17.52	-0.4										e	16 53.10	
KKN	53.08	275	P	50 21.24	-0.2										e	16 55.00	
PKI	53.11	275	P	50 21.24	-0.6										e	17 09.80	
DMN	53.31	275	P	50 23.14	0.0										e	17 29.10	
GKN	53.42	276	P	50 23.60	-0.3										e	17 32.20	
KAF	64.95	334	iP	51 43.00	0.0										e	18 01.00	
	0.6s	4.90nm													e	18 05.20	
NUR	66.69	334	eP	51 54.20	0.1										e	18 27.80	
	0.3s	4.20nm													e	18 49.00	
HFS	70.23	338	eP	52 16.40	0.3										e	19 09.00	
	0.4s	1.10nm													e	19 17.00	
NAO	70.38	340	P	52 17.70	0.7										e	19 22.00	
	0.8s	3.30nm													e	24 39.00	
PRU	78.59	332	eP	53 24.50	20.1X										e	24 52.10	
	0.3s	68.20nm													e	25 12.80	
			Pg	53 25.50											e	25 29.50	
			Sn	53 43.00											e	26 04.10	
			Sg	53 50.00											e	26 11.50	
			i	53 57.30											e	26 52.90	
KHC	79.65	332	eP	53 13.50	3.3X										e	16 30.00	-2.2
GEC2	79.86	332	eP	53 12.90	1.5										e	16 45.00	64kmX
	0.5s	0.95nm													e	16 48.80	
			e	53 15.10											e	16 54.00	
			e	53 22.20											e	16 56.00	
															e	24 18.00	
															e	25 03.00	
															e	25 08.00	
															e	25 14.10	
															e	26 03.00	
															e	26 14.00	
															e	27 05.00	
															e	27 24.90	
															e	27 26.20	
															e	27 47.90	
															e	18 21.00	-1.4
															e	21 12.00	-1.9
															e	21 21.00	29kmX
															e	21 30.00	
															e	21 45.39	-0.7
															e	21 57.80	43km
															e	21 55.50	-0.8
															e	21 55.49	-1.3
															e	22 09.13	48km
															e	22 04.68	-1.0
															e	22 17.58	45km
															e	22 03.20	-5.2X
															e	22 07.25	-1.4
															e	22 20.42	46km
															e	22 20.80	11.9X
															e	22 10.58	-1.0
															e	22 23.31	44km
															e	22 17.15	0.6
															e	22 29.82	43km
															e	22 30.70	10.6X
															e	22 28.56	0.1
															e	22 42.00	47km
															e	22 31.20	-1.3
															e	22 32.40	-1.5
															e	22 33.20	-1.1
															e	22 37.02	0.2
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[illegible]

TACH	1.81	164	eP	11	45.48	-0.1	IHA	0.18	133	iPc	20	35.70	-1.2			ePg	43	13.60		
			iS	12	07.47				iS	20	40.90					eSn	43	44.70		
PCH	1.91	154	iP	11	46.92	-0.2	LCCH	0.60	162	iPd	20	42.25	-0.3			iSg	44	00.40		
LNv	2.04	177	iP	11	48.33	-0.6			iS	20	53.35			ASS	3.21	264	P	43	07.60	0.3
			iS	12	12.95		ROCH	0.66	96	iPd	20	41.52	-2.2	SGO	3.22	204	P	43	07.40	0.2
CHCH	2.15	160	eP	11	50.82	0.3			iS	20	51.95			VOY	3.36	320	ePn	43	09.80	0.4
CACH	2.33	161	iP	11	54.17	0.9	PEL	0.96	105	iP+	20	46.78	-1.0			e	43	11.10		
MDZ	2.46	114	eP	12	02.70	7.7X			iS	21	01.09					eSn	43	51.60		
S.D. = 0.5	on	12	of	13	obs.		JACH	1.04	78	iPd	20	45.99	-2.9X			eSg	44	05.50		
								iS	21	00.21				MGR	3.55	198	P	43	12.70	0.7
• NOV 22, 1992 23h 29m 21.63±0.93s							TACH	1.04	136	iP	20	40.77	-0.1	VLO	3.56	148	ePn	43	27.00	15.7)
38.152 S ± 0.8km								iS	21	04.81			SKO	3.60	114	ePn	43	14.00	1.2	
DEPTH = 59.2 ± 9.3 km							LNv	1.10	163	iP	20	49.56	-0.1		1.4s	156.00nm				
CENTRAL CHILE								iS	21	07.12					i		43	16.70		
MD 4.4 (SAN).							SAN	1.10	120	iPd	20	49.65	0.0	CRE	3.68	274	P	43	15.00	0.9
								iS	21	05.02				OHR	3.69	129	ePn	43	12.20	-1.9
TMU	0.74	218	iP	29	36.60	0.2	PCH	1.29	124	iP+	20	52.71	0.2	RBL	3.82	321	P	43	15.90	0.0
			iS	29	47.50		FCH	1.33	109	iPd	20	52.65	-0.7	TPE	3.91	144	ePn	43	21.50	4.3)
CACH	4.19	16	iP+	30	26.01	1.4			iS	21	11.60		FIR	4.19	276	eP	43	24.50	3.4)	
			iS	31	12.33		CHCH	1.40	137	iP	20	54.94	0.9	FV1	4.30	317	P	43	23.30	0.6
LNv	4.22	7	iP	30	24.84	0.0			iS	21	15.87		SRO	4.40	11	e(P)	43	24.70	0.7	
			iS	31	13.32		CACH	1.57	141	iP	20	50.10	1.5			i	43	30.00		
CHCH	4.35	15	iP	30	27.49	0.7			iS	21	21.85		GZR	4.53	63	ePd	43	40.00	14.0)	
			iS	31	16.80		MDZ	2.48	90	eP	21	11.40	1.8	CTI	4.59	305	P	43	25.00	-1.1
TACH	4.57	11	iPd	30	29.60	-0.2			iS	21	44.10				eSn	44	17.60			
			iS	31	22.57		RTLL	3.23	62	ePc	21	04.20	-16.0X	VAY	4.66	116	iPn	43	27.50	-0.2
LCCH	4.68	5	iP+	30	30.34	-1.0	CFA	3.28	60	e(P)	21	21.80	0.9	BDI	4.68	279	P	43	20.90	0.7
PCH	4.68	16	iP+	30	32.20	0.7	S.D. = 1.2	on	13	of	15	obs.	ZST	4.68	1	e(P)	43	26.10	-2.0	
			iS	31	26.38										e	43	53.40			
FCH	5.02	17	iP	30	36.94	0.5	NOV 23, 1992 00h 42m 16.49±0.28s						PII	4.72	275	P	43	20.60	0.0	
			iS	31	34.29		43.513 N ± 3.2km						VKA	4.78	354	e(Pn)	43	31.00	1.5	
PEL	5.11	13	iP+	30	37.47	-0.1	DEPTH = 16.4 ± 3.6 km								e(Sn)	44	28.00			
			iS	31	36.00		NORTHWESTERN BALKAN REGION (383)						SAL	5.09	297	P	43	33.50	-0.3	
IHA	5.12	4	iP	30	36.30	-1.3	MD 4.0 (TRI), ZL 3.7 (TTG), 3.6						BOB	5.59	286	P	43	39.90	-1.1	
			(S)	31	32.50		(TIR), 3.6 (MAG).						GEC2	5.81	338	Pn	43	42.70	-1.4	
ROCH	5.23	9	iPd	30	38.62	-0.8									Sn	44	47.60			
			iS	31	38.55		HVAR	0.53	231	iPgc	42	25.20	-1.8	KHC	6.10	338	Pn	43	46.50	-1.6
JACH	5.50	13	iP	30	43.10	-1.0			iSg	42	34.40				e	43	58.00			
MDZ	5.06	27	e(P)	31	05.40	17.4X	BRY	1.27	118	iPgc	42	38.47	-1.1			e	44	07.00		
CFA	7.23	27	e(P)	31	06.00	-1.1			iSg	42	58.73				e	44	54.50			
RTLL	7.41	24	eP	31	08.50	-1.1	HCY	1.52	134	iPnc	42	42.53	-0.5	PRU	6.70	346	ePn	44	00.00	3.5)
MRA	7.71	44	ePc	31	15.00	2.1			iSn	43	05.00				e	45	25.00			
TCA	9.14	44	iPc	31	33.60	0.1	NKY	1.61	115	iPnd	42	44.62	0.2			e	46	10.00		
CCH	21.33	16	P	34	04.00	-1.9			iSn	43	09.97		ORO	6.79	291	Pc	43	57.10	-0.9	
CNCB	21.56	11	P	34	10.00	1.5	PLE	1.74	95	iPnc	42	47.66	1.4	GRF	7.36	329	e(Pn)	44	00.00	-4.9)
ARE	21.61	1	eP	34	10.00	1.2			iSn	43	14.38				e(Pg)	44	16.70			
LPB	21.81	10	P	34	12.30	1.4	BDV	1.81	132	iPnd	42	47.40	0.2			e(Sn)	45	24.00		
ZOBO	22.05	10	P	34	14.20	0.7			iSn	43	14.55				eSg	46	08.00			
VAO	26.22	62	eP	34	52.20	-0.6	TTG	1.97	123	iPnc	42	50.12	0.6	FRF	7.54	274	eP	44	05.40	-2.9y
LIC	76.11	71	P	41	04.10	-0.9			iSn	43	10.87			0.4s	4.00nm			4.9mb		
KIC	76.41	71	P	41	05.90	-0.8	IVA	2.20	106	iPnd	42	53.96	1.0	LPG	7.60	289	eP	44	08.60	-0.9y
S.D. = 1.1	on	24	of	25	obs.			iSn	43	25.37				0.4s	2.35nm			4.7mb		
							ULC	2.26	133	iPnc	42	53.78	0.1	LPL	7.62	289	eP	44	07.70	-2.0y
NOV 22, 1992 23h 30m 33.21±0.97s								iSn	43	25.26				0.3s	1.60nm			4.7mb		
38.794 N ± 0.4km							PVY	2.35	112	iPnc	42	55.88	0.0	LMR	7.66	272	eP	44	07.80	-2.1)
DEPTH = 10.0km (geophysicist)								iSn	43	20.60				1.3s	20.95nm			5.2mb		
GREECE							VBY	2.36	320	iPn	42	55.00	0.7	LRG	7.75	273	eP	44	08.80	-2.5)
								i	42	57.50				0.9s	25.55nm			5.4mb		
AGG	0.23	346	iPg	30	38.60	0.3	ZAG	2.42	343	ePn	42	56.70	0.8	BSF	8.36	305	eP	44	17.60	-2.3)
			eSg	30	43.60				iSn	43	28.50			0.3s	1.00nm			4.5mb		
LIT	1.31	3	ePb	30	57.36	0.0	PTJ	2.50	343	iPn	42	56.60	-0.6	CDF	8.37	309	eP	44	16.90	-3.1x
PAIG	1.50	41	ePb	31	00.20	0.1			iSn	43	28.10			0.7s	4.95nm			4.9mb		
			eSb	31	20.32		BCI	2.51	116	iPnd	43	00.40	3.1X	LBF	9.83	295	eP	44	36.60	-3.6)
VLS	1.55	247	eP	31	00.70	-0.2			iSn	43	34.70			0.4s	1.15nm			4.6mb		
KZN	1.59	342	eP	31	01.70	0.2	RIY	2.63	315	ePn	42	59.30	0.4		S.D. = 1.0	on	46	of	62	obs.
IGT	1.77	295	ePb	31	04.60	0.5			iSn	43	37.70									
THE	1.89	13	ePb	31	05.04	-0.7	BRT	2.64	177	P	42	58.00	-1.1	? NOV 23, 1992 00h 59m 14.67±4.99s						
OUR	1.96	38	ePb	31	07.02	0.2			eSn	43	30.40			43.334 N ± 27.7km				19.959 E ± 25.0km		
			iSb	31	31.38		DUI	2.65	227	P	43	01.30	2.0	DEPTH = 10.0km (geophysicist)						
FNA	2.14	339	ePn	31	08.96	-0.5	LACI	2.73	132	ePn	43	01.90	1.5	NORTHWESTERN BALKAN REGION (383)						
			eSn	31	35.72				iSn	43	46.00		ML 1.9 (TTG).							
SOH	2.15	20	iPn	31	10.21	0.5	CEY	2.90	321	ePn	43	04.10	1.4	PLE	0.41	270	iPgc	59	22.57	-0.6
			iSn	31	37.89				eSn	43	40.00				iSg	59	29.40			
GRG	2.16	360	ePn	31	09.00	-0.8	AQU	2.90	248	P	43	03.70	0.9	IVA	0.46	186	iPgd	59	23.65	-0.5
KNT	2.40	9	ePn	31	13.28	0.2	ARV	2.97	271	P	43	03.80	0.1			iSg	59	31.34		
			eSn	31	43.08				eSn	43	42.00		PVY	0.74	179	iPgc	59	28.50	-0.7	
SRS	2.49	21	ePn	31	14.60	0.1	SDI	2.98	234	P	43	04.20	0.3			iSg	59	39.89		
			eSn	31	44.93		TIR	3.02	135	ePn	43	05.00	0.6	NKY	0.80	234	iPgd	59	31.34	-0.2
VAY	2.53	3	ePn	31	18.30	3.4X			iSn	43	51.00				iSg	59	45.17			
SKO	3.26	347	ePn	31	33.50	0.1X	AZI	3.05	241	P	43	04.80	0.0	TTG	1.04	210	iPgd	59	34.20	-0.1
S.D. = 0.5	on	13	of	15	obs.			eSn	43	41.00					iSg	59	50.20			
? NOV 23, 1992 00h 20m 30.56±3.00s							LJU	3.09	326	e(Pn)	43	06.00	0.6	BRY	1.12	240	iPgc	59	35.87	0.1
32.903 S ± 18.7km								eSn	43	46.50					iSg	59	53.03			
DEPTH = 33.0km (normal)																				

23d 00h

ISg 00 04.50
S.D. = 0.7 on 8 of 8 obs.
NOV 23, 1992 02h 20m 00.45 ± 0.41s
43.220 N ± 4.2km 26.800 E ± 4.5km
DEPTH = 8.7 ± 3.2 km
BULGARIA (359)

PVL	1.07	270	iPg	20	23.00	2.3
PSN	1.11	65	iPg	20	20.00	-1.4
BUC1	1.26	334	ePg	20	40.00	16.1X
DIM	1.50	219	ePg	20	27.00	-0.5
DMK	1.57	153	iPn	20	28.00	0.3
PLD	1.91	235	eP	20	34.00	0.6
ISR	1.93	355	ePd	20	35.00	1.2
PGB	2.05	252	iPc	20	35.00	-0.6
RZN	2.17	226	iPc	20	37.00	-0.5
CFR	2.19	26	iPd	20	39.00	1.4
BRD	2.30	4	eP	20	42.00	2.8X
DRA	2.35	309	eP	21	07.00	27.2X
MLR	2.35	345	ePd	20	40.00	0.0
MTUR	2.36	329	eP	20	39.00	-1.1
CMP	2.41	329	ePd	20	54.00	13.3X
VRI	2.65	359	eP	20	49.00	4.9X
VTS	2.71	258	iPg	20	45.00	-0.2
ISK	2.73	141	ePn	20	46.00	0.7
COZ	2.74	321	eP	20	45.00	-0.6
EDC	2.98	164	iPn	20	49.00	0.2
KK8	3.06	245	iP	20	50.00	0.1
KCT	3.19	158	iPn	20	52.10	0.3
EZN	3.41	186	iPn	20	54.60	-0.3
GZR	3.61	308	iPc	20	55.00	-2.9X
EYL	3.65	135	eP	21	08.00	9.6X
VAY	3.67	240	iPn	20	57.00	-0.8
DEV	3.85	315	ePc	21	14.00	12.8X
DST	3.86	159	ePn	21	01.40	0.0
SKO	4.15	254	iPn	21	18.20	12.8X

1.0s 67.00nm

iPb 21 22.00

iSg 22 11.60

Lg 22 23.90

S.D. = 1.0 on 20 of 29 obs.

NOV 23, 1992 02h 41m 16.61 ± 0.88s
23.968 S ± 10.5km 67.507 W ± 14.6km
DEPTH = 197.8 ± 19.1 km
CHILE-ARGENTINA BORDER REGION (127)

FSA	2.51	148	iP	42	00.60	-0.2
ANT	2.68	275	iPc	42	03.00	0.3
			iS	42	34.70	
CNCB	7.14	356	P	43	00.20	0.2
			S	44	20.00	
LPB	7.42	356	P	43	04.00	0.4
ZOBO	7.66	356	P	43	06.00	-1.1
			S	44	32.00	
SIV	9.98	38	P	43	37.00	0.5
			i	45	12.00	
BAO	20.13	69	e(P)	45	37.00	-0.2
			e	45	38.00	
BDF	20.19	69	Pc	45	38.00	0.2
			e	45	39.00	

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

% NOV 23, 1992 02h 47m 16.50 ± 0.73s
37.813 N ± 6.3km 3.992 W ± 6.2km
DEPTH = 10.0km (geophysicist)
SPAIN (377)
mbLg 2.4 (MDD).

ELUQ	0.33	221	iPg	47	23.30	-0.1
			eSg	47	29.20	
EBAN	0.39	25	iPg	47	24.20	-0.2
			eSg	47	28.50	
ECOG	0.63	148	iPg	47	28.50	-0.8
			eSg	47	37.30	
EHOR	0.99	271	ePg	47	35.50	0.2
			eSg	47	49.00	
EGUA	1.03	161	ePg	47	36.60	0.5
EHUE	1.11	89	ePg	47	37.80	0.4
			eSg	47	52.10	

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

% NOV 23, 1992 03h 54m 19.91 ± 0.79s
40.055 N ± 6.5km 23.638 E ± 7.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

PAIG	0.13	166	iPg	54	22.50	-0.6
			eSg	54	24.78	
OUR	0.38	43	iPg	54	28.18	0.4
SOH	0.80	344	ePg	54	34.74	-0.7
			eSg	54	46.46	
LIT	0.88	273	ePg	54	36.50	-0.4
			eSg	54	48.86	
GRG	1.30	314	ePb	54	44.50	0.4
			eSb	55	03.30	
AGG	1.44	225	ePb	54	46.90	0.8
			eSb	55	06.18	

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

* NOV 23, 1992 04h 01m 34.44s
34.955 N 116.939 W
DEPTH = 4.2km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.5 (PAS), 3.3 (GS).
Felt.

GSC	0.36	18	iPc	01	41.49	-0.2
SSK	0.97	220	ePd	01	52.36	-1.2
			S	02	05.40	
PEC	1.08	190	iPd	01	54.23	-1.0
			S	02	08.88	
PLM	1.60	178	eP	02	02.54	-1.2
			S	02	23.76	
ABL	1.88	267	ePn	02	07.72	-0.1
			eS	02	33.72	
GLA	2.58	137	ePn	02	15.63	-2.1
			Lg	02	57.54	
MTUM	2.73	332	ePn	02	19.18	-0.8
			ePg	02	25.32	
			S	02	58.51	
PKEM	2.81	294	(P)	02	22.90	1.9
MRCM	2.99	335	(Pn)	02	23.24	-0.5
TNP	3.13	356	ePn	02	24.47	-1.2
			ePg	02	32.22	
MMPM	3.14	328	ePn	02	24.69	-1.2
			S	03	09.12	
			Lg	03	14.32	
MEMM	3.15	330	ePn	02	24.63	-1.1
			ePg	02	33.02	
			Lg	03	15.84	
ARUT	4.00	44	ePn	02	36.69	-1.2
			ePg	02	48.16	
			Lg	03	39.65	
CMB	4.14	319	ePn	02	39.32	-0.5
			Lg	03	42.41	
ARN	4.42	304	eP	02	43.48	-0.4
COE	4.47	302	ePn	02	44.64	0.1
MSU	5.22	46	ePn	02	54.49	-0.9
			ePg	03	09.81	
NTYM	5.74	308	(P)	03	01.96	-0.4
DUG	6.17	31	ePg	03	29.81	21.1

19 obs. associated

% NOV 23, 1992 04h 05m 03.15 ± 3.18s
43.139 N ± 12.4km 20.210 E ± 21.1km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.7 (TTG).

IVA	0.35	221	iPg	05	10.62	0.2
			iSg	05	15.28	
PVY	0.57	198	iPg	05	14.33	-0.5
			iSg	05	22.40	
PLE	0.63	288	iPg	05	15.71	-0.1
			iSg	05	24.53	
NKY	0.95	250	iPg	05	20.90	-0.4
			iSg	05	33.82	
TTG	1.00	225	ePg	05	21.73	-0.3
			iSg	05	35.50	
BRY	1.24	260	ePg	05	26.37	0.0
			iSg	05	43.60	
BDV	1.33	230	ePg	05	27.81	0.1
			iSg	05	46.27	
ULC	1.37	211	iPg	05	28.71	0.4
			iSg	05	48.12	
HCY	1.44	242	iPg	05	29.75	0.5
			iSg	05	49.63	

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

? NOV 23, 1992 04h 22m 31.68 ± 2.44s
46.743 N ± 6.8km 7.649 E ± 40.4km
DEPTH = 10.0km (geophysicist)
SWITZERLAND (544)

ML 2.4 (LDG).

BSF	1.24	332	Pg	22	53.90	-0.8
LPL	1.38	208	Pg	22	57.10	-0.1
LPG	1.39	207	Pg	22	57.40	0.0
			Sg	23	17.30	
HAU	1.54	325	Pg	23	00.10	0.9
			Sg	23	21.10	
CDF	1.69	352	Pg	23	01.50	0.1
			Sg	23	23.80	
LBF	2.53	277	Pg	23	20.40	6.9X
			Sg	23	55.20	

S.D. = 0.8 on 5 of 6 obs.

NOV 23, 1992 04h 58m 43.03 ± 0.57s
32.752 S ± 6.1km 68.117 W ± 5.7km
DEPTH = 41.4 ± 11.6 km
MENDOZA PROVINCE, ARGENTINA (139)
MD 4.5 (SAN). Felt (III) at
Mendoza.

MDZ	0.63	258	iP	58	55.20	-1.3
			iS	59	03.70	
RTCV	0.96	338	iPc	59	00.30	-0.7
CFA	1.15	355	iPd	59	04.00	0.3
ZON	1.29	338	iPc	59	04.20	-1.6
RTBS	1.57	313	iPc	59	11.00	1.4
FCH	1.91	252	iPd	59	15.55	0.7
RFA	2.03	188	ePd	00	09.30	52.9X
MRA	2.06	81	ePd	59	17.60	0.9
JACH	2.09	271	iPd	59	18.44	1.2
			iS	59	46.80	
PCH	2.19	246	iP	59	19.09	0.4
			iS	59	50.85	
PEL	2.19	259	iP+	59	19.43	0.7
			iS	59	50.09	
SAN	2.25	251	iPd	59	19.92	0.5
			iS	59	53.83	
CHCH	2.43	240	iP	59	21.99	0.0
			iS	59	57.80	
ROCH	2.45	264	iPd	59	22.93	0.5
			iS	59	58.39	
CACH	2.48	236	iP+	59	23.10	0.3
TACH	2.53	248	iPd	59	23.23	-0.2
			iS	00	00.67	
RTPR	2.80	30	e(P)c	59	27.90	0.7
IHA	2.98	264	eP	59	29.00	-0.7
			iS	59	30.80	
			e(S)	00	06.30	
LCCB	2.99	255	iPd	59	29.13	-0.7
LNK	3.01	246	iPd	59	29.13	-1.0
			iS	00	11.58	
TCA	3.31	66	iP	59	34.00	-0.5
CYA	4.74	26	iPc	59	54.20	-0.5
FSA	6.89	16	iPc	00	24.20	-0.7
			(S)	02	11.00	
SLA	8.32	17	ePd	00	43.90	-1.1
ANT	9.24	347	eP	00	53.30	-4.2X
CCH	15.41	7	P	02	21.00	0.7
CNCB	15.87	0	eP	02	25.00	-1.5
LPB	16.15	0	P	02	34.20	4.3X
ZOBO	16.39	360	P	02	33.20	0.0
ARE	16.50	349	eP	02	34.00	-0.3
SIV	17.87	23	P	02	53.60	2.6
KIC	71.57	69	(P)	10	01.60	-1.4

S.D. = 1.0 on 29 of 32 obs.

% NOV 23, 1992 05h 49m 11.78 ± 0.78s
39.314 N ± 6.8km 27.599 E ± 7.7km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.0 (ISK).

DST	0.85	70	iPg	49	28.30	0.1
			iSg	49	40.30	
IZM	0.95	196	ePg	49	29.90	0.0
EDC	1.05	11	iPg	49	32.00	0.4
			iSg	49	45.00	
KCT	1.10	32	iPg	49	32.50	0.0
			iSg	49	47.00	
EZN	1.11	298	iPn	49	32.80	0.2
DMK	2.51	3	ePn	49	52.50	-0.7

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

& NOV 23, 1992 06h 07m 59.34s
34.407 N 116.467 W
DEPTH = 3.7km

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

PEC	0.77	228	ePd	08 13.46	-1.3
			S	08 24.15	
GSC	0.93	343	eP	08 16.60	-1.2
SSK	1.03	259	eP	08 18.04	-1.5
			S	08 32.06	
PLM	1.10	197	iPd	08 19.57	-1.2
			S	08 33.77	
GLA	1.92	134	ePh	08 30.15	-3.1
			eS	08 59.97	
ABL	2.31	282	ePh	08 37.34	-1.7
TNP	3.72	351	ePh	08 57.30	-1.7
MMPM	3.81	328	(Ph)	09 01.58	1.1
MSU	5.36	39	ePg	09 29.63	7.3
				9 obs. associated	

* NOV 23, 1992 06h 22m 38.79±0.50s
 12.280 N ± 7.3km 141.478 E ± 11.8km
 DEPTH = 33.0km (normal)
 5.0mb (12 obs.) 4.3Msz (3 obs.)
 SOUTH OF MARIANA ISLANDS (210)

BAG	20.66	284	ePc	27 19.20	0.6
PMG	22.27	165	eP	27 34.00	-0.7
			1.0s 32.00nm		4.7mb
SSE	26.49	318	P+	28 16.00	1.0
Z	20s		0.90um		4.3Msz
			eS	33 48.00	
CTA	32.51	172	iPc	29 09.50	0.7
			eS	34 21.00	
WB2	32.78	192	iPc	29 10.60	-0.6
			0.8s 17.70nm		5.0mb
BJI	35.53	326	eP	29 35.00	0.3
			1.0s 11.00nm		4.7mb
Z	20s		0.60um		4.4Msz
ASPA	36.49	192	iPc	29 43.10	0.1
			0.6s 8.20nm		4.8mb
KMI	38.71	295	Pd	30 03.50	1.5
			1.0s 20.00nm		4.9mb
WARB	40.87	201	eP	30 20.00	0.6
LZH	41.33	312	Pd	30 24.50	1.1
			1.4s 34.00nm		4.9mb
Z	20s		0.45um		4.3Msz
			eS	36 42.00	
CHG	41.41	285	eP	30 25.00	0.9
DZM	42.01	144	iPc	30 30.00	1.0
NANU	42.96	216	eP	30 36.00	-0.6
CMS	43.71	175	eP	30 42.30	-0.3
STKA	43.90	180	iPd	30 47.70	3.6X
MRWA	48.03	210	eP	31 16.50	-0.5
			0.4s 2.00nm		4.5mb
TOO	49.73	176	iPd	31 31.40	1.5
			0.8s 21.00nm		5.2mb
YAK	50.38	353	eP	31 35.00	0.4
			1.0s 101.00nm		5.8mb
GUN	54.05	296	P	32 02.78	-0.2
			0.9s 84.00nm		5.8mb
PKI	54.44	295	P	32 04.96	-0.9
KKN	54.57	295	P	32 05.94	-0.8
DMN	54.71	295	P	32 06.56	-1.2
			1.0s 42.00nm		5.4mb
GKN	55.15	296	P	32 10.06	-0.8
MBC	60.33	14	eP	34 48.00	0.3
KAF	90.51	335	iP	35 37.20	-1.3
			0.8s 9.10nm		5.1mb
DMU	108.80	341	ePKP	41 04.20	-1.9
DCN	109.39	341	ePKP	41 03.00	-4.2X
UYO	109.62	47	iPd	43 12.20	7.0X
ZOBO	151.05	101	PKP	42 32.20	6.6X
LPB	151.06	102	PKP	42 32.00	6.6X
CNCB	151.15	103	PKP	42 33.10	7.4X
CCH	152.84	104	ePKP	42 35.00	7.2X
				S.D. = 1.0 on 25 of 32 obs.	

* NOV 23, 1992 06h 29m 40.44±0.95s
 12.344 N ± 11.2km 141.402 E ± 20.8km
 DEPTH = 33.0km (normal)
 4.9mb (5 obs.)
 SOUTH OF MARIANA ISLANDS (210)

BAG	20.57	284	ePc	34 20.80	1.4
PMG	22.35	165	eP	34 37.00	-0.2
WB2	32.83	192	eP	36 12.00	-1.3
			0.9s 7.90nm		4.6mb
WRA	32.83	192	P	36 33.00	19.7X

BJI	1.0s	1.50nm			
	35.44	326	eP	36 35.00	-0.6
	1.3s	36.00nm			5.1mb
ASPA	36.53	192	iPd	36 45.10	0.1
	0.5s	5.60nm			4.7mb
LZH	41.23	311	eP	37 25.00	0.8
	1.4s	39.00nm			4.9mb
NANU	42.97	216	eP	37 37.00	-1.3
STKA	43.97	180	iPc	37 48.70	2.4
YAK	50.31	353	eP	38 35.50	-0.2
	0.8s	104.00nm			5.9mb
GUN	53.95	296	P	39 04.00	0.0
PKI	54.34	295	P	39 06.20	-0.6
KKN	54.47	295	P	39 07.50	-0.2
DMN	54.61	295	P	39 08.40	-0.3
GKN	55.06	296	P	39 11.80	-0.1
ZOBO	151.13	101	PKP	49 33.20	5.8X
			S.D. = 1.1 on 14 of 16 obs.		

? NOV 23, 1992 06h 30m 15.91±9.23s
 18.887 N ± 61.1km 67.195 W ± 46.1km
 DEPTH = 33.0km (normal)
 MONA PASSAGE (89)

MCP	0.47	170	iP	30 25.88	-0.3
			S	30 32.66	
APR	0.62	134	iP	30 28.30	0.1
MGP	0.88	173	iP	30 32.10	0.2
PORP	0.98	147	iP	30 33.00	-0.4
CLLP	0.99	144	iP	30 33.88	0.3
			S	30 43.56	
CSB	1.15	121	iP	30 35.88	0.1
			S	30 50.12	
SJG	1.26	128	iP	30 37.40	0.1
LPR	1.38	114	iP	30 38.88	-0.2
CPD	1.48	125	iP	30 40.50	0.0
			S.D. = 0.3 on 9 of 9 obs.		

NOV 23, 1992 06h 31m 14.98±0.14s
 18.743 N ± 2.8km 67.168 W ± 2.7km
 DEPTH = 31.1km (2 depth phases)
 4.9mb (47 obs.) 4.7Msz (24 obs.)
 MONA PASSAGE (89)

Felt throughout much of Puerto Rico.
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 14S, 21C
 Centroid Location:
 Origin Time 06:31:13.3 1.1
 Lat 18.51N 0.12 Lon 66.96W 0.08
 Dep 15.0 FIX Half-duration 1.4
 Moment Tensor: Scl= 10**17 Nm
 Mrr=-1.03 0.05 Mtt= 0.19 0.06
 Mff= 0.84 0.08 Mrt= 0.24 0.19
 Mrf=-0.30 0.25 Mtf= 0.45 0.07
 Principal Axes:
 T Vol= 1.09 Plg= 4 Azm=116
 N 0.07 17 24
 P -1.15 72 220
 Best Double Couple: Mo=1.1*10**17
 NP1: Strike=224 Dip=43 Slip=-64
 NP2: 10 52 -112

APR	0.51	125	iP	31 26.00	0.4
MGP	0.73	174	iP	31 29.88	0.8
PORP	0.85	144	iP	31 31.00	0.3
CLLP	0.87	139	iP	31 31.50	0.6
CSB	1.06	115	iP	31 33.38	-0.4
SJG	1.15	123	iP	31 35.00	-0.1
LPR	1.31	109	iP	31 36.10	-1.1
CPD	1.38	120	iP	31 38.00	-0.3
NEV	4.66	109	eP	32 26.04	1.0
			eS	33 36.17	
CPB	5.20	101	eP	32 32.87	0.2
			eS	33 44.92	
BPA	5.33	108	eP	32 34.50	-0.1
PAG	5.89	116	eP	32 41.50	-1.1
MDN	6.48	121	eP	32 49.47	-1.3
DTMT	6.57	121	eP	32 49.63	-2.4X
FDI	7.01	124	eP	32 55.91	-2.3
CRM	7.18	123	eP	32 59.19	-1.4
BIM	7.20	125	ePd	32 58.65	-2.2
VMV	7.31	124	eP	33 01.07	-1.4
SVB	7.87	133	eP	33 09.80	-0.5
MORO	7.90	188	iP	33 15.40	4.6X
FCV	7.95	133	eP	33 10.00	-1.4

LLAV	8.23	178	iP	33 14.70	-0.6
GUAC	8.50	181	eP	33 20.80	1.6
OLLA	8.68	178	iP	33 22.20	0.6
GUAN	8.86	170	iP	33 25.20	1.2
			eS	34 58.40	
TOV	9.26	196	eP	33 33.10	3.6X
			iS	35 12.40	
CEOS	9.72	187	eP	33 40.40	4.5X
TRN	9.79	144	eP	33 37.59	0.8
			eS	35 25.46	
TPP	10.04	146	eP	33 44.00	3.8X
SDV	10.36	199	ePd	33 45.90	1.1
			eS	35 37.20	
BMG	12.95	207	eP	34 16.00	-3.7X
BOG	15.57	206	eP	35 02.00	7.7X
			iS	37 46.00	
HBF	18.44	323	eP	35 31.14	1.2
			eS	38 30.28	
SGS	18.71	323 (P)		35 32.89	-0.3
LHS	19.82	325 (P)		35 44.90	-1.1
		e		35 49.47	
JSC	19.92	324	eP	35 45.52	-1.6
		e		35 50.31	
		eS		39 09.54	
CEH	20.07	331	eP	35 47.80	-0.8
	0.4s	74.00nm			5.4mb
Z	20s	2.27um			4.5Msz
		e		35 52.77	
		eS		39 09.55	
PSO	20.09	211	eP	35 51.00	1.6
PRM	20.42	321	eP	35 50.99	-1.3
		e		35 57.40	
		eS		39 18.64	
BLA	21.76	330	eP	36 05.37	-0.6
	0.6s	72.46nm			5.3mb
		e		36 16.57	
		eS		39 49.94	
NAV	22.02	330 (P)		36 08.52	0.0
		eS		39 59.32	
TKL	22.35	322	eP	36 12.09	0.3
		e		36 26.74	
		eS		40 06.48	
GMTN	22.87	346	eP	36 22.20	5.3X
PNJ	22.89	346	iP	36 14.10	-2.9X
		S		40 23.70	
LVNJ	22.94	345	eP	36 18.12	0.6
		e		36 31.64	
		eS		40 19.76	
TBR	23.13	346	eP	36 15.99	-3.4X
		eS		40 22.29	
MCWV	23.55	335	P	36 30.00	6.5X
Z	20s	2.96um			4.7Msz
HRV	23.98	352	eP	36 27.30	-0.3
	1.4s	139.68nm			5.3mb
Z	20s	1.61um			4.5Msz
		e		36 47.31	
RSNY	26.46	348	eP	36 51.22	0.2
	0.9s	9.49nm			4.4mb
Z	20s	1.53um			4.5Msz
		eS		41 54.66	
ELC	26.73	318	iPd	36 53.18	-0.4
		eS		41 59.98	
LMN	27.10	4	eP	36 59.50	2.6X
OLY	27.21	313	eP	36 57.43	-0.6
FVM	27.91	318	eP	37 02.77	-1.6
	0.6s	26.05nm			5.1mb
CBM	28.13	359	P	37 10.00	3.8X
Z	19s	1.48um			4.6Msz
MIAR	28.25	309	eP	37 09.20	1.7
	1.0s	11.57nm			4.5mb
Z	20s	1.00um			4.4Msz
RLO	30.05	311	eP	37 21.60	-2.0
VVO	30.19	309	eP	37 19.20	-5.7X
TUL	30.48	310	ePd	37 26.50	-0.9
	1.0s	35.50nm			5.1mb
Z	20s	1.03um			4.5Msz
		LR		46 50.00	
SIO	30.79	309	eP	37 29.30	-0.8
JFWS	31.00	326	eP	37 30.98	-0.9
	0.6s	26.68nm			5.2mb
Z	20s	1.59um			4.7Msz
FNO	31.40	308	iPc	37 35.20	-0.3
OCO	31.56	308	iPd	37 35.90	-1.0
NNA	31.99	198	eP	37 41.50	0.7
	0.8s	12.69nm			4.9mb
MEO	32.11	306	iPc	37 40.10	-1.7
WMOK	32.24	306	iPc	37 41.95	-1.0

	0.8 s	29.00nm	e	43	47.00	5.4mb
HON	84.11	290	P	43	50.00	5.4)
Z	20s	0.24um				4.6Msz
BCAO	84.53	87	iPc	43	48.00	1.0
	0.5s	5.00nm				5.0mb
		ic	43	56.10		
		id	44	34.00		
CSS	87.69	54	eP	44	05.00	2.8)
TIK	89.19	355	eP	44	10.00	1.4
Z	20s	0.50um				4.9Msz
LZH	124.81	9	ePKP	50	13.00	-0.9
Z	18s	0.45um				5.2Msz
		sPKP	50	21.50		
TIA	125.20	356	ePKP	50	14.70	0.3
GKN	126.11	31	PKP	50	16.58	-0.1
KKN	126.60	31	PKP	50	17.70	0.0
DMN	126.67	31	PKP	50	18.06	0.2
GUN	126.79	30	PKP	50	16.10	-2.1
PKI	126.85	31	PKP	50	17.48	-0.8
XAN	127.38	4	PKPc	50	18.70	-0.1
DZM	129.85	257	iPKPc	50	26.00	2.2
GYA	134.67	8	PKP	50	34.00	1.1
ARMA	143.02	244	ePKP	50	44.30	-3.8)
	0.8s	8.00nm				
CNB	143.76	235	ePKP	50	49.10	0.0
	0.7s	13.00nm				
CAN	144.04	235	ePKP	50	49.70	0.1
		e	51	00.00		
BWA	144.76	236	ePKP	50	45.70	-5.1)
		e	50	56.40		
PMG	145.49	281	ePKP	50	55.00	2.5X
TOO	145.88	230	ePKP	50	55.00	2.4X
	0.7s	28.00nm				
NNT	146.29	23	ePKP	50	57.20	3.4X
CMS	147.67	240	ePKP	50	56.60	1.0
	0.7s	9.00nm				
CTA	148.48	262	iPKPc	51	00.00	2.8X
		e	51	00.00		
STKA	151.00	238	ePKP	51	05.50	4.8X
		i	51	10.70		
SNG	151.57	26	ePKP	51	07.00	4.9X
ADE	151.94	230	e(PKP)	51	09.60	7.5X
WB2	159.66	263	ePKP	51	12.50	0.1
	1.0s	4.40nm				
ASPA	159.76	252	ePKP	51	12.80	0.3
S.D. = 1.0 on 159 of 201 obs.						
% NOV 23, 1992 06h 48m 16.42±1.36s 18.448 N ±11.8km 66.635 W ± 8.2km DEPTH = 10.0km (geophysicist) PUERTO RICO REGION (90)						
APR	0.09	273	iP	48	19.00	0.0
CLLP	0.37	171	iP	48	24.50	0.5
PORP	0.39	180	iP	48	24.00	-0.5
SJG	0.57	126	iP	48	28.00	0.0
		S	48	43.80		
CPD	0.80	121	iP	48	31.80	-0.1
S.D. = 0.5 on 5 of 5 obs.						
% NOV 23, 1992 06h 52m 20.31±1.04s 44.300 N ± 7.4km 7.242 E ± 9.2km DEPTH = 10.0km (geophysicist) NORTHERN ITALY (545) ML 2.0 (GEN).						
STV	0.08	133	P	52	22.90	0.0
		S	52	23.98		
ENR	0.15	120	P	52	23.82	0.0
		S	52	25.66		
PZZ	0.23	334	P	52	25.70	0.4
		S	52	29.28		
ROB	0.45	90	P	52	29.75	0.2
		S	52	35.55		
BH8	0.54	2	P	52	30.71	-0.6
IMI	0.61	130	P	52	32.46	-0.2
		S	52	40.33		
FIN	0.70	97	P	52	33.87	-0.3
		S	52			

MONA PASSAGE (89)

MCP 0.54 169 iP 06 19.00 -0.4
S 06 25.20
APR 0.60 137 iP 06 21.30 0.0
MGP 0.95 173 iP 06 25.50 0.3
PORP 1.05 148 iP 06 26.20 -0.5
CLLP 1.06 145 iP 06 27.00 0.2
S 06 39.00
SJG 1.32 129 iP 06 30.30 -0.1
S 06 46.10
LPR 1.43 117 iP 06 31.80 -0.3
CPD 1.54 126 iP 06 34.20 0.6
S.D. = 0.4 on 8 of 8 obs.

* NOV 23, 1992 07h 11m 16.61 ± 1.44s
36.611 N ± 16.7km 71.173 E ± 7.8km
DEPTH = 228.4 ± 21.4 km
4.5mb (5 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG. (717)

QUE 7.31 210 eP 13 03.00 1.1
S 14 25.50
MAIO 9.42 272 eP 13 20.00 -1.0
S 15 10.00
GKN 14.25 123 P 14 30.06 0.3
DMN 14.02 123 P 14 36.68 -0.2
KKN 14.02 122 P 14 36.54 -0.3
PKI 15.05 123 P 14 39.44 -0.3
GUN 15.15 121 P 14 41.12 0.0
KAF 37.61 327 iP 18 11.00 0.5
0.3s 2.40nm 4.2mb
NUR 37.02 324 iP 18 13.10 0.0
0.3s 19.00nm 5.1mb
HFS 43.07 322 eP 18 55.00 -0.2
0.4s 12.20nm 4.7mb
NAO 44.54 323 P 19 06.00 -0.2
0.6s 11.00nm 4.4mb
KIC 74.93 267 (P) 22 33.60 -0.0
YKA 81.13 3 eP 23 07.50 0.3
0.4s 2.00nm 4.2mb
S.D. = 0.7 on 13 of 13 obs.

* NOV 23, 1992 07h 19m 33.84 ± 0.74s
7.481 S ± 0.1km 129.388 E ± 16.2km
DEPTH = 135.7 ± 12.0 km

BANDA SEA (280)

SLKI 1.96 105 iPc 20 00.00 0.0
S 20 30.50
AAI 3.95 342 eP 20 34.00 0.1
MTN 5.60 162 eP 20 56.10 0.0
0.3s 93.00nm 5.5mb X
KNA 8.24 184 eP 21 31.40 -0.5
S 22 59.50
WB2 13.29 159 iPc 22 35.70 -2.7X
S 24 54.80
QIS 16.33 144 eP 23 16.20 -0.6
S 26 06.70
ASPA 16.67 165 eP 23 21.90 1.0
S 26 17.00
GUN 54.01 312 P 28 52.70 0.1
PKI 54.90 311 P 28 53.50 -0.3
DMN 55.23 311 P 28 55.50 0.0
S.D. = 0.6 on 9 of 10 obs.

% NOV 23, 1992 07h 23m 17.26 ± 1.59s
10.006 N ± 12.3km 100.643 W ± 15.0km
DEPTH = 33.0km (normol)

GUERRERO, MEXICO (59)

III 1.15 75 iPc 23 36.00 -1.3
S 23 50.70
ACX 1.42 148 iP 23 41.20 0.2
MRX 1.69 342 iP 23 44.74 -0.1
S 23 54.48
PPM 2.15 63 (P) 23 53.30 1.4
IISM 3.23 73 iP 24 06.70 -0.1
S.D. = 1.4 on 5 of 5 obs.

NOV 23, 1992 07h 40m 55.07 ± 0.49s
44.358 N ± 3.0km 7.306 E ± 4.2km
DEPTH = 8.9 ± 6.0 km
NORTHERN ITALY (545)
ML 2.2 (LDG), 2.1 (GEN).

STV 0.11 173 P 40 57.35 -0.6
S 40 58.44
ENR 0.15 148 P 40 58.26 -0.4
S 41 00.09
PZZ 0.21 315 P 41 00.05 0.4
S 41 03.63
ROB 0.41 99 P 41 04.10 0.7
S 41 10.01
BHB 0.48 356 P 41 05.19 0.3
IMI 0.61 137 P 41 06.92 -0.5
S 41 15.00
FIN 0.66 103 P 41 08.30 -0.1
S 41 17.55
RRL 0.67 327 P 41 08.67 0.0
S 41 18.19
RSP 0.79 358 P 41 09.93 -0.8
S 41 20.06
PCP 0.91 78 P 41 13.63 1.1
S 41 26.90
FRF 0.93 211 Pg 41 13.20 0.3
Sg 41 24.00
LSD 1.11 355 P 41 14.85 -1.2
S 41 29.61
LRG 1.13 217 Pg 41 17.00 0.6
Sg 41 30.60
LMR 1.17 210 Pg 41 17.30 0.2
Sg 41 31.60
LPG 1.21 341 Pg 41 18.30 0.5
LPL 1.23 341 Pg 41 18.90 0.7
S.D. = 0.7 on 16 of 16 obs.

? NOV 23, 1992 08h 21m 54.13 ± 0.94s
39.064 N ± 0.4km 27.556 E ± 9.5km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 2.7 (ISK).

Izm 0.70 199 ePg 22 08.00 -0.1
DST 0.99 57 ePn 22 13.20 0.2
S 22 27.20
EZN 1.22 309 ePn 22 16.90 0.1
KCT 1.34 27 iPn 22 18.50 -0.2
S.D. = 0.4 on 4 of 4 obs.

* NOV 23, 1992 09h 03m 15.42 ± 0.64s
4.478 N ± 9.1km 123.219 E ± 12.5km
DEPTH = 551.0 ± 9.1 km
4.9mb (6 obs.)

CELEBES SEA (262)

CGP 4.21 20 eP 04 39.50 -0.1
TSM 5.33 268 ePd 04 48.00 -0.1
KKM 7.15 283 iPc 05 06.10 0.3
0.6s 217.30nm 5.5mb
MBL 25.69 107 iPc 08 00.20 -3.7X
0.3s 5.00nm 4.6mb
WB2 26.62 156 iPc 08 11.50 -0.6
0.4s 25.90nm 5.2mb
S 12 06.00
ASPA 29.05 160 eP 08 40.70 0.6
0.3s 7.50nm 4.0mb
S 12 57.30
WARB 30.66 174 iPc 08 48.00 1.1
MEEK 31.25 188 eP 08 50.00 -1.9
MRWA 34.21 191 eP 09 17.00 0.3
0.3s 5.00nm 4.6mb
KLB 36.24 188 iPc 09 34.00 0.5
0.4s 11.00nm 4.0mb
GUN 42.47 307 P 10 24.40 0.1
PKI 42.70 307 P 10 26.00 -0.1
KKN 42.90 307 P 10 27.40 -0.1
DMN 42.96 307 P 10 28.00 0.0
GKN 43.50 307 P 10 32.40 0.2
GBA 46.04 285 P 10 51.60 -0.1
S.D. = 0.7 on 15 of 16 obs.

* NOV 23, 1992 09h 07m 36.30s
34.336 N 116.903 W
DEPTH = 1.5km

SOUTHERN CALIFORNIA (43)
<PAS> ML 3.3 (PAS), 3.6 (GS).

PEC 0.49 206 iPd 07 45.72 -0.4
S 07 52.71
SSK 0.67 259 ePc 07 48.88 -0.7
GSC 0.97 5 iPc 07 54.39 -1.1
PLM 0.98 178 ePd 07 54.66 -1.2

ABL 1.98 286 ePn 08 08.32
GLA 2.15 126 ePn 08 09.95 -1.5
S 08 11.92 -1.9
Lg 08 46.52
PHAM 3.23 299 (P) 08 28.96 -0.2
MTUM 3.30 336 (Pn) 08 29.18 -1.1
ePg 08 37.31
Lg 09 23.12
MRCM 3.57 339 (Pn) 08 35.41 1.2
MMPM 3.69 333 ePn 08 34.99 -1.0
Lg 09 33.66
MEMM 3.71 334 (Pn) 08 35.68 -0.2
TNP 3.75 356 ePn 08 34.79 -1.9
ePg 08 47.02
BONR 3.78 343 ePn 08 36.85 -0.5
ePg 08 48.09
CMB 4.64 324 ePg 09 04.49 15.3
MSU 5.65 41 ePn 09 02.62 -1.0
DUG 6.69 28 ePg 09 44.95 26.6
PV10 7.52 55 ePn 09 26.78 -3.1
Lg 11 37.00

17 obs. associated

? NOV 23, 1992 09h 27m 38.43 ± 2.41s
4.053 S ± 29.7km 148.335 E ± 16.7km
DEPTH = 202.2 ± 11.1 km
5.3mb (1 obs.)

BISMARCK SEA (203)

FINC 1.02 195 eP 28 23.00 7.4X
LAT 2.24 216 iPc 28 20.80 0.9
MDG 2.58 261 eP 28 24.60 0.9
YYYY 2.73 240 eP 28 24.50 -1.1
S 28 49.50
PMG 4.67 194 iPd 28 48.60 -0.7
S 29 34.00
MTN 18.75 244 eP 31 42.00 -1.8
0.4s 77.00nm 5.6mb X
WB2 20.26 221 iPc 31 59.20 -0.7
0.3s 77.80nm 5.7mb X
S 35 23.70
KNA 22.06 239 eP 32 17.50 -0.1
8KM 23.20 125 iPc 32 29.00 -0.4
ASPA 23.31 215 iPd 32 31.00 2.1
0.3s 27.00nm 5.3mb
S 36 21.10
DZM 24.51 136 iPc 32 54.90 13.9X
WARB 29.68 222 eP 33 20.40 0.9
S 33 34.00

S.D. = 1.4 on 10 of 12 obs.

* NOV 23, 1992 10h 50m 15.68s
34.338 N 116.903 W
DEPTH = 2.6km
SOUTHERN CALIFORNIA (43)
<PAS> ML 3.4 (PAS), 3.4 (GS).

PEC 0.49 206 iPd 50 25.13 -0.4
SSK 0.67 259 iPc 50 28.27 -0.7
GSC 0.96 5 iPc 50 33.71 -1.1
PLM 0.98 178 iPd 50 34.03 -1.1
S 50 47.74
ABL 1.98 286 ePn 50 49.15 -1.6
S 51 16.82
GLA 2.15 126 ePn 50 51.36 -1.7
PKEM 3.14 304 ePg 51 14.50 7.5
PHAM 3.23 299 ePn 51 07.06 -1.3
MTUM 3.30 336 ePn 51 09.94 0.4
ePg 51 16.34
S 51 59.50
MRCM 3.57 339 ePn 51 12.05 -1.3
MEMM 3.71 334 ePn 51 15.81 0.7
ePg 51 24.50
TNP 3.74 356 ePn 51 15.62 -0.3
ePg 51 24.94
BONR 3.78 343 ePn 51 17.07 0.6
ARUT 4.44 38 ePn 51 24.91 -0.8
COE 4.85 308 (Pn) 51 30.62 -0.8
MSU 5.65 41 ePn 51 42.32 -0.6
SRU 6.99 45 (Pn) 51 59.52 -2.3
PV10 7.52 55 ePn 52 09.56 0.4
Lg 54 16.22

18 obs. associated

? NOV 23, 1992 10h 59m 23.18 ± 21.06s
40.552 N ± 117km 27.837 E ± 69.2km
DEPTH = 5.0km (geophysicist)

23d 10h

TURKEY (366)
MD 2.4 (ISK).

BNT 0.21 162 ePg 59 27.70 0.3
eSg 59 34.90
EDC 0.21 174 ePg 59 27.00 -0.4
KCT 0.50 127 iPg 59 32.90 -0.3
iSg 59 42.90
DST 1.12 147 ePn 59 45.10 0.4
S.D. = 0.7 on 4 of 4 obs.

NOV 23, 1992 11h 27m 28.64 ± 0.57s
43.706 N ± 5.9km 9.757 E ± 4.6km
DEPTH = 10.0km (geophysicist)

CORSICA (380)

PII 0.56 88 P 27 40.50 0.6
BDI 0.70 59 P 27 41.40 -1.2
eSg 27 53.40
BOB 1.08 348 P 27 49.60 0.5
PGF 1.28 206 Pn 27 53.20 0.7
CKI 1.28 305 P 27 52.80 0.3
SBF 1.69 276 Pn 27 58.80 0.4
MDI 2.07 359 P 28 04.20 0.4
FRF 2.26 267 Pn 28 05.60 -1.1
LMR 2.39 262 Pn 28 08.20 -0.3
LRG 2.48 265 Pn 28 09.40 -0.3
LPG 2.80 311 Pn 28 14.90 0.4
LPL 2.82 311 Pn 28 15.40 0.6
BGF 5.66 303 Pn 28 53.70 -1.1
S.D. = 0.8 on 13 of 13 obs.

& NOV 23, 1992 11h 56m 09.90s
34.830 N 97.670 W
DEPTH = 5.0km (geophysicist)

OKLAHOMA (499)
<TUL>. mblg 2.3 (TUL).

WMOK 0.92 265 Pg 56 25.42 -2.5
SIO 1.44 50 Pg 56 34.38 -2.3
Lg 56 54.83
VVO 1.66 72 Pn 56 38.53 -1.3
Lg 57 01.88
TUL 1.88 54 Pn 56 41.55 -1.4
Sn 57 06.95
ACO 2.22 328 Pn 56 46.20 -1.7
Sn 57 16.00
RLO 2.54 58 Pn 56 50.63 -1.8
Sn 57 22.88
BUTX 3.14 175 Pn 56 59.52 -1.4
Sn 57 37.31
7 obs. associated

? NOV 23, 1992 12h 38m 33.88 ± 0.95s
39.070 N ± 8.6km 27.594 E ± 9.6km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

Izm 0.72 201 ePg 38 48.00 -0.1
eSg 39 03.00
DST 0.96 56 iPn 38 52.50 0.2
EZN 1.24 308 ePn 38 57.00 0.1
KCT 1.32 26 iPn 38 57.90 -0.3
S.D. = 0.4 on 4 of 4 obs.

% NOV 23, 1992 13h 09m 32.46 ± 2.46s
34.326 S ± 23.4km 71.137 W ± 10.3km
DEPTH = 60.0km (geophysicist)

NEAR COAST OF CENTRAL CHILE (135)

LNV 0.43 328 iP 09 43.89 0.1
IS 09 52.75
CACH 0.49 65 iP+ 09 44.72 0.1
IS 09 54.67
CHCH 0.56 46 iPd 09 45.09 -0.2
IS 09 55.37
TACH 0.69 14 iP 09 46.44 -0.3
IS 09 57.12
PCH 0.87 37 iP 09 48.98 -0.1
IS 10 01.80
LCCH 0.92 337 iPd 09 49.46 -0.1
IS 10 02.90
FCH 1.22 36 iP 09 54.13 0.2
IS 10 10.48
ROCH 1.35 4 iP 09 56.09 0.4
IS 10 13.42

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

? NOV 23, 1992 15h 04m 27.41 ± 10.70s
18.917 N ± 72.3km 67.183 W ± 52.0km
DEPTH = 33.0km (normol)

MONA PASSAGE (89)

MCP 0.50 172 iP 04 37.80 -0.2
S 04 44.10
MGP 0.91 174 iP 04 44.00 0.2
PORP 1.00 149 iP 04 45.00 -0.2
CLLP 1.01 145 iP 04 45.50 0.2
SJG 1.27 129 iP 04 49.00 0.1
LPR 1.39 116 iP 04 50.50 -0.2
CPD 1.49 126 iP 04 52.20 0.1
S.D. = 0.2 on 7 of 7 obs.

? NOV 23, 1992 15h 10m 57.63 ± 1.65s
19.723 S ± 35.3km 178.274 W ± 27.2km
DEPTH = 464.5 ± 19.1 km
4.5mb (3 obs.)

FIJI ISLANDS REGION (181)

AFI 8.49 48 eP 13 00.00 0.0
DZM 14.47 258 iPc 13 48.00 -16.1X
BRS 27.57 248 e(P) 16 07.00 -0.5
ARMA 29.18 243 eP 16 25.30 3.6X
0.5s 4.00nm 4.1mb
CAN 32.74 235 eP 16 54.00 2.0
BWA 32.90 237 eP 16 51.50 -1.9
CMS 34.28 243 eP 17 04.10 -0.8
0.8s 16.00nm 4.5mb
PMG 34.92 282 eP 17 11.00 0.5
TOO 36.15 233 eP 17 21.50 0.9
0.9s 23.00nm 4.6mb
KSP 146.88 343 ePKP 29 44.00 -1.3
e 29 49.00
CLL 147.25 347 ePKP 29 45.00 -0.8
1.1s 13.00nm
BRG 147.45 346 ePKP 29 46.00 -0.1
e 29 50.80
PRU 148.12 344 ePKP 29 52.50 5.2X
KHC 149.15 345 ePKP 29 49.50 0.6
1.4s 7.00nm
GEC2 149.39 344 ePKP 29 50.90 1.5
1.0s 2.34nm
e 29 55.50
e 29 59.60
e 30 03.80
GRB5 149.61 347 ePKP 29 56.50 6.9X
Z 19s 0.20um 4.9Msz
S.D. = 1.3 on 12 of 16 obs.

* NOV 23, 1992 15h 13m 14.31 ± 0.95s
38.852 N ± 9.6km 21.786 E ± 9.1km
DEPTH = 26.4 ± 9.7 km

GREECE (364)
ML 3.2 (ATH).

AGG 0.46 68 iPg 13 23.85 0.0
eSg 13 32.82
VLS 1.16 235 ePn 13 34.80 0.0
IGT 1.32 301 iPg 13 35.82 -1.3
LIT 1.36 23 ePb 13 36.98 -0.7
iSb 13 54.26
KZN 1.45 360 ePn 13 36.80 -2.3
eSn 13 56.10
ATH 1.75 119 ePn 13 42.00 -1.4
KEK 1.77 300 ePb 13 44.90 1.3
FNA 1.96 351 ePb 13 45.66 -0.7
eSb 14 10.10
GRG 2.16 12 iPn 13 50.02 0.8
OUR 2.25 48 ePn 13 52.14 1.6
SOH 2.31 31 ePn 13 52.54 1.2
VAY 2.54 13 ePn 13 53.00 -1.6
SKO 3.13 355 ePn 14 05.20 2.2X
S.D. = 1.5 on 12 of 13 obs.

? NOV 23, 1992 15h 20m 56.04 ± 3.10s
18.285 N ± 32.1km 66.933 W ± 17.6km
DEPTH = 33.0km (normol)

PUERTO RICO REGION (90)

MGP 0.31 208 iP 21 03.90 -0.1
PORP 0.36 129 iP 21 05.10 0.4

CLLP 0.40 121 iP 21 05.30 0.2
SJG 0.76 103 iP 21 09.00 -1.4
LPR 1.01 89 iP 21 14.80 0.8
S.D. = 1.2 on 5 of 5 obs.

? NOV 23, 1992 16h 16m 27.16 ± 2.02s
38.202 N ± 13.4km 26.815 E ± 15.0km
DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

MD 3.1 (ISK).

Izm 0.40 61 iPg 16 35.10 -0.3
eSg 16 41.10
CIN 1.17 120 eP 16 49.00 0.0
EZN 1.67 347 ePn 16 56.30 -0.2
DST 1.99 45 ePn 17 01.80 0.5
KCT 2.37 30 ePn 17 09.80 3.1X
S.D. = 0.6 on 4 of 5 obs.

? NOV 23, 1992 16h 51m 11.01 ± 3.10s
17.987 S ± 25.1km 175.182 W ± 39.7km
DEPTH = 230.0km (geophysicist)
4.3mb (1 obs.)

TONGA ISLANDS (173)

DZM 17.73 254 iPc 55 05.60 1.0
URZ 21.29 197 eP 55 40.40 0.1
MNG 23.95 198 eP 56 05.70 -0.1
QRZ 25.10 202 eP 56 17.30 0.9
THZ 25.80 201 eP 56 22.80 0.0
DSZ 26.17 202 eP 56 25.80 -0.4
KHZ 26.18 199 eP 56 26.50 0.4
LTZ 26.92 201 eP 56 33.70 0.8
ARMA 32.58 241 eP 57 22.20 -0.8
CTA 36.46 260 iPc 57 57.20 1.3
CMS 37.67 242 eP 58 04.90 -1.0
0.4s 4.00nm 4.3mb
LAT 38.54 282 eP 58 13.70 0.5
LAT 38.54 282 iPc 58 13.80 0.6
TOO 39.53 232 eP 58 20.00 -1.1
WARB 54.15 250 eP 00 14.00 -1.0
MBL 60.94 255 iPd 01 01.10 -1.2
S.D. = 0.9 on 16 of 16 obs.

? NOV 23, 1992 17h 11m 23.90 ± 3.25s
7.430 S ± 31.4km 128.916 E ± 24.3km
DEPTH = 113.4 ± 42.7 km

BANDA SEA (280)

SLKI 2.42 103 iPd 12 03.00 0.0
IS 12 28.50
MTN 5.81 158 eP 12 49.20 0.2
0.3s 33.00nm 5.0mb X
eS 13 50.00
KNA 8.27 181 eP 13 22.50 -0.2
eS 14 46.00
MBL 16.23 212 eP 15 06.70 0.1
eS 18 01.00
ASPA 16.84 164 eP 15 14.20 0.0
eS 18 09.50
S.D. = 0.2 on 5 of 5 obs.

NOV 23, 1992 17h 50m 49.36 ± 0.63s
37.351 N ± 9.5km 70.791 E ± 8.4km
DEPTH = 33.0km (normol)
4.1mb (2 obs.)

AFGHANISTAN-TAJIKISTAN BORD REG. (717)

QUE 7.83 205 eP 52 43.90 -0.1
eS 54 02.90
NDI 10.18 146 eP 53 16.50 0.2
GKN 14.91 125 P 54 20.10 0.5
KKN 15.48 124 P 54 26.82 -0.2
DMN 15.48 125 P 54 27.08 -0.1
PKI 15.71 124 P 54 29.38 -0.8
GUN 15.80 122 P 54 31.78 0.5
HFS 42.30 321 eP 58 41.30 0.2
0.4s 1.50nm 4.1mb
NAO 43.77 322 P 58 53.00 -0.1
0.5s 1.70nm 4.1mb
S.D. = 0.4 on 9 of 9 obs.

NOV 23, 1992 18h 02m 15.56 ± 0.93s
10.086 N ± 8.0km 83.958 W ± 5.8km
DEPTH = 10.0km (geophysicist)

COSTA RICA (78)
MD 3.9 (HDC). Felt (IV) at Son

Jose.

SJS 0.17 213 iPd 02 20.06 0.5
 LCR2 0.34 187 iPd 02 22.82 0.1
 BUS 0.56 159 ePc 02 27.11 -0.2
 QCR 0.69 197 ePc 02 28.94 -0.2
 JCR 1.16 258 iPc 02 36.74 -0.5
 ACR 1.62 151 iPc 02 44.29 0.0
 VCR 1.65 272 iPc 02 45.08 0.3
 SDV 13.20 94 eP 05 26.00 0.1
 S.D. = 0.4 on 8 of 8 obs.

* NOV 23, 1992 18h 32m 40.80s
 66.825 N 143.454 W
 DEPTH = 0.0km
 NORTHERN ALASKA (676)
 <AEIC>. ML 3.1 (AEIC).

FYU 0.75 251 iP 32 54.98 -0.9
 PRP 1.56 214 eP 33 09.78 -0.2
 GLM 2.45 223 eP 33 31.34 0.4
 FBA 2.63 225 P 33 26.30 1.1
 MDM 2.71 228 eP 33 26.50 0.0
 HDA 2.83 212 eP 33 28.45 0.3
 CCB 2.83 221 eP 33 27.53 -0.6
 WRH 3.05 221 eP 33 30.43 -0.7
 NEA 3.24 228 eP 33 32.34 -1.5
 MLY 3.49 242 eP 33 35.67 -1.8
 10 obs. associated

* NOV 23, 1992 18h 45m 53.38 ± 2.42s
 36.849 S ± 14.4km 177.867 E ± 16.2km
 DEPTH = 247.7 ± 14.6 km
 OFF E. COAST OF N. ISLAND, N.Z. (160)

HBZ 0.82 155 P 46 26.50 -1.0
 URZ 1.53 203 P 46 30.70 -1.2
 KUZ 1.73 273 Pd 46 32.00 -1.5
 TAZ 1.75 218 eP 46 33.40 -0.3
 NOZ 1.77 176 P 46 34.80 0.9
 PATZ 1.99 219 eP 46 35.90 -0.1
 WLZ 2.08 240 P 46 36.40 -0.3
 PAHZ 2.11 198 P 46 36.90 -0.1
 WHH 2.30 208 P 46 38.60 -0.3
 MAHZ 2.34 180 P 46 40.50 1.4
 MOH 2.35 194 P 46 39.80 0.5
 TTH 2.81 197 P 46 44.90 0.9
 NGZ 2.93 217 P 46 46.30 0.8
 MOZ 2.94 235 P 46 46.90 1.5
 CNZ 2.98 217 P 46 46.90 0.9
 WCZ 2.98 287 P 46 47.10 1.2
 WAHZ 3.08 202 P 46 47.10 0.0
 BSZ 3.74 217 P 46 55.50 1.0
 PGZ 3.96 198 P 46 57.30 0.2
 MNG 4.20 206 P 46 59.70 -0.2
 KIW 4.62 209 P 47 04.80 -0.2
 MTW 4.68 202 P 47 05.30 -0.4
 AMW 4.75 200 P 47 06.60 0.2
 CAW 4.78 206 P 47 06.70 -0.2
 BLW 4.88 202 P 47 07.70 -0.4
 MOW 5.00 203 P 47 08.80 -0.8
 DIW 5.01 217 eP 47 09.30 -0.4
 MRW 5.02 208 P 47 09.30 -0.5
 TCW 5.18 212 P 47 11.00 -0.8
 ORZ 5.76 225 P 47 18.60 -0.4
 THZ 6.24 217 P 47 25.20 0.1
 KHZ 6.49 210 P 47 27.80 -0.3
 DSZ 6.78 222 eP 47 31.00 -1.0
 LTZ 7.33 214 eP 47 38.20 -0.6
 MQZ 7.92 209 eP 47 45.20 -1.1
 BWZ 9.78 216 eP 48 11.10 1.2

ODZ 9.84 211 eP 48 11.90 1.1
 eS 49 51.20
 S.D. = 0.8 on 37 of 37 obs.

* NOV 23, 1992 19h 43m 11.44 ± 0.86s
 6.631 S ± 10.3km 128.385 E ± 13.4km
 DEPTH = 297.0 ± 10.3 km
 4.5mb (2 obs.)

BANDA SEA (280)

SLKI 3.19 115 iPc 44 09.50 0.3
 IS 44 50.00
 MTN 6.74 157 iPc 44 49.60 -0.7
 0.3s 142.00nm 5.4mb X

KNA 9.07 178 eP 45 19.50 0.5
 QIS 17.61 143 eP 46 57.60 -1.6
 0.5s 28.00nm 5.0mb

ASPA 17.75 163 iPd 47 00.30 -0.4
 0.4s 152.00nm 5.8mb X

WARB 19.51 185 eP 47 19.00 0.5
 CTA 21.90 129 iPc 47 43.00 1.2
 ARMA 32.19 140 eP 49 14.20 -0.1
 0.6s 3.00nm 4.0mb

CAN 34.27 149 iPc 49 32.40 0.5
 GUN 53.51 312 P 52 04.68 0.0
 PKI 53.67 311 P 52 05.66 -0.2

KKN 53.89 311 P 52 07.20 -0.1
 DMN 53.92 311 P 52 07.58 0.0
 GKN 54.48 311 P 52 11.44 0.0

S.D. = 0.8 on 14 of 14 obs.

* NOV 23, 1992 19h 43m 23.20s
 40.480 N 125.666 W
 DEPTH = 11.8km

OFF COAST OF NORTHERN CALIFORNIA (34)
 <GM-P>. MD 3.4 (GM).

KMPM 1.18 93 eP 43 43.25 -1.9
 S 43 59.91

FHC 1.32 75 eP 43 44.66 -2.8
 S 44 02.13

LGPM 2.20 78 ePc 43 57.65 -2.6
 WDC 2.38 87 ePd 44 00.73 -2.0
 LBFM 2.99 72 eP 44 10.59 -0.9

LMEM 3.12 88 eP 44 10.67 -2.7
 ORV 3.33 105 eP 44 13.98 -2.2
 VGB 6.18 34 (P) 44 54.93 -1.5

8 obs. associated

* NOV 23, 1992 19h 57m 22.67 ± 1.01s
 1.594 S ± 22.9km 67.491 E ± 18.7km
 DEPTH = 10.0km (geophysicist)
 5.2mb (2 obs.)

CARLSBERG RIDGE (421)

GBA 18.03 33 P 01 36.20 1.0
 POO 20.96 17 iPc 02 07.00 -1.5
 HYB 21.81 30 eP 02 17.00 -0.1

QUE 31.61 359 eP 03 53.80 5.6X
 DMN 33.62 29 P 04 05.76 -0.1
 GKN 33.73 28 P 04 06.44 -0.2

PKI 33.74 29 P 04 06.84 -0.1
 KKN 33.85 29 P 04 07.08 -0.8
 GUN 34.25 30 P 04 11.52 0.1

CHG 36.98 55 eP 04 35.20 0.9
 BLF 47.89 231 eP 06 02.00 -1.4
 BCAO 49.28 277 iPc 06 14.10 -0.1

0.6s 11.00nm 5.0mb
 ic 06 23.50
 ic 07 44.00

BJI 60.73 41 eP 07 44.50 7.7X
 1.5s 34.00nm 5.3mb

KIC 72.53 277 P 08 53.60 1.2
 LIC 72.81 277 P 08 55.00 1.0
 TIC 72.83 277 P 08 54.20 0.0

S.D. = 0.9 on 14 of 16 obs.

* NOV 23, 1992 20h 59m 56.30s
 38.078 N 121.857 W
 DEPTH = 14.0km
 NORTHERN CALIFORNIA (36)
 <BRK>. ML 2.8 (BRK). MD 3.0
 (GM). Felt at Albany, Berkeley.

Birds Landing, Concord, Moraga
and Pittsburg.

HMR 0.09 30 iPc 00 00.40 1.0
 ZSP 0.34 247 iPd 00 03.20 -0.4
 eS 00 09.33

BKS 0.36 236 iP 00 03.44 -0.5
 iS 00 07.88

NTYM 0.71 296 ePc 00 08.64 -1.2
 PCC 0.71 216 iPd 00 09.36 -0.6
 iS 00 19.44

JEGM 0.74 221 iPd 00 09.56 -0.9
 iS 00 13.84

MHC 0.75 167 eP 00 09.98 -0.8
 eS 00 22.08

ARN 0.77 160 iPd 00 10.44 -0.6
 eS 00 22.31

COE 0.83 170 iPd 00 11.39 -0.6
 GCC 1.05 186 iPd 00 14.30 -1.5
 CMB 1.16 92 eP 00 16.44 -1.3

SAO 1.35 166 eP 00 17.64 -3.0
 iS 00 24.04

ORV 1.50 11 iPc 00 20.36 -2.4
 LLA 1.63 153 iPd 00 23.05 -1.6
 PRS 1.79 167 iP 00 25.45 -1.5

FRI 2.02 122 iP 00 29.96 -0.4
 MEMM 2.35 99 eP 00 37.17 2.2
 eS 01 06.18

PKEM 2.45 145 (P) 00 36.51 0.1
 LMEM 2.47 5 (P) 00 36.51 -0.3
 S 01 42.61

MRCM 2.68 98 (Pn) 00 42.74 2.7
 MTUM 2.71 104 ePn 00 41.78 1.4
 BONR 2.81 91 (Pn) 00 42.40 0.5

e 00 45.85
 LBFM 3.26 360 ePn 00 48.29 0.1
 TNP 3.66 89 (Pn) 00 52.59 -1.3

24 obs. associated

? NOV 23, 1992 21h 23m 33.50 ± 1.57s
 20.235 N ± 54.3km 94.190 E ± 37.3km
 DEPTH = 33.0km (normal)

MYANMAR (296)

CHG 4.70 107 ePnd 24 44.00 0.0
 eSg 25 44.20

BDT 5.44 122 eP 24 54.50 0.0
 GUN 10.77 317 P 26 09.00 0.2
 PKI 10.85 314 P 26 09.60 -0.2

KKN 11.08 314 P 26 16.10 3.1
 DMN 11.08 313 P 26 13.80 0.7
 GKN 11.65 313 P 26 20.00 -0.7

S.D. = 0.6 on 6 of 7 obs.

* NOV 23, 1992 22h 19m 50.63 ± 0.76s
 33.786 S ± 6.3km 71.375 W ± 7.4km
 DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)
 MD 3.4 (SAN).

LNV 0.17 190 iP+ 19 57.21 0.3
 iS 20 02.70

LCCM 0.35 332 iP+ 19 58.60 -0.4
 iS 20 05.43

TACH 0.39 70 iP+ 19 59.69 0.1
 iS 20 07.56

CHCH 0.62 104 iPd 20 02.70 -0.3
 iS 20 13.18

CACH 0.72 117 iP 20 04.65 0.1
 iS 20 16.21

PCH 0.74 77 iPd 20 04.22 -0.4
 iS 20 15.30

PEL 0.86 42 iP+ 20 06.85 0.4
 iS 20 19.28

ROCH 0.87 21 iP 20 06.49 -0.2
 iS 20 18.69

FCH 1.01 64 iP+ 20 08.57 -0.3
 iS 20 22.87

JACH 1.28 31 iP 20 13.17 0.7
 iS 20 31.16

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

NOV 23, 1992 22h 20m 16.30 ± 1.16s
 38.188 S ± 6.6km 175.950 E ± 7.0km
 DEPTH = 217.9 ± 11.7 km
 NORTH ISLAND, NEW ZEALAND (159)

23d 22h

WHH	0.82	149	P	20	46.60	-0.6
URZ	0.92	95	P	20	46.50	-1.1
			S	21	05.80	
MOZ	0.96	250	eP	20	48.20	0.3
NGZ	1.03	195	eP	20	48.60	0.1
CNZ	1.06	197	eP	20	48.30	-0.4
PAHZ	1.10	128	P	20	48.80	-0.1
MOH	1.33	136	eP	20	51.10	0.6
KUZ	1.45	353	P	20	51.60	0.2
WAHZ	1.54	168	P	20	52.80	0.5
BSZ	1.79	206	eP	20	55.20	0.7
HBZ	1.95	73	P	20	56.40	0.4
PGZ	2.44	174	P	21	01.40	0.4
MNG	2.45	188	Pd	21	01.40	0.2
			S	21	31.50	
KIW	2.79	196	P	21	04.80	-0.1
MTW	2.99	187	P	21	06.90	-0.2
CAW	3.00	193	P	21	07.30	0.1
DIW	3.05	210	P	21	08.00	0.2
AMW	3.12	183	P	21	08.60	0.0
MRW	3.19	197	P	21	09.30	-0.1
			eS	21	46.60	
MOW	3.27	189	P	21	10.20	-0.3
TCW	3.29	203	P	21	10.60	0.0
QRZ	3.74	224	P	21	15.70	-0.3
THZ	4.27	212	eP	21	22.50	-0.1
KHZ	4.61	203	P	21	26.80	0.1
LTZ	5.38	210	eP	21	36.40	-0.2

S.D. = 0.4 on 25 of 25 obs.

NOV 23, 1992 22h 35m 04.79±0.60s
 3.554 S ± 8.2km 139.658 E ± 0.8km
 DEPTH = 33.0km (normal)
 4.7mb (2 abs.)

IRIAN JAYA, INDONESIA (201)

WWKK	3.96	91	eP	36	04.50	-0.3
PMG	9.45	128	eP	37	30.00	8.3X
MTN	12.50	222	eP	38	02.20	-1.1
	0.4s	75.00nm			6.2mb X	
			eS	40	13.00	
KNA	16.18	221	eP	38	51.80	0.4
			eS	41	38.00	
QIS	16.90	180	eP	39	03.80	3.3X
			eS	42	03.00	
WB2	17.09	197	iPd	39	02.70	-0.3
	0.4s	21.20nm			4.6mb	
			eS	41	59.70	
CTA	17.65	159	iPc	39	15.50	5.6X
BIP	17.77	311	eP	39	29.00	17.6X
CGP	19.10	309	eP	39	45.00	17.3X
ASPA	20.75	195	iPd	39	46.70	1.2
	1.0s	34.60nm			4.7mb	
			eS	43	27.00	
WARB	25.73	208	eP	40	34.00	-0.1
MBL	26.04	226	eP	40	25.20	-11.8X
			eS	45	30.00	
GUN	60.44	305	P	45	14.86	0.5
KKN	60.89	304	P	45	17.18	0.0
DMN	60.97	304	P	45	17.78	0.0
GKN	61.50	304	P	45	20.94	-0.3
CNCB	146.02	127	PKP	54	48.80	5.0X
LPB	146.08	127	PKP	54	46.00	2.3X
ZOBO	146.18	126	PKP	54	48.40	4.3X
SIV	151.76	134	PKP	55	06.00	14.0X

S.D. = 0.7 on 10 of 20 obs.

NOV 23, 1992 23h 11m 06.76±0.11s
 38.620 N ± 2.8km 72.635 E ± 1.7km
 DEPTH = 40.6km (8 depth phases)
 5.6mb (151 obs.) 5.0Msz (13 abs.)

TAJIKISTAN (715)

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN

L.P.B.: 26S, 51C

Centroid Location:

Origin Time 23:11: 7.9 0.4

Lat 38.70N 0.06 Lon 72.38E 0.04

Dep 43.6 3.4 Half-duration 1.6

Moment Tensor: Scale 10¹⁷ Nm

Mrr=-1.95 0.13 Mtt=-0.97 0.23

Mff= 2.92 0.15 Mrt= 0.65 0.16

Mrf=-1.69 0.28 Mtf= 0.33 0.12

Principal Axes:

T Val= 3.45 Plg=17 Azm= 92

N -0.69 21 355

P -2.76 62 218

Best Double Couple: Mo=3.1*10¹⁷
 NP1: Strike=211 Dip=33 Slip=-49
 NP2: 345 65 -113

KSH	2.74	71	iPc	11	52.60	3.3X
PRZ	5.84	47	iPn	12	35.00	1.6
			i	12	48.00	
			eS	14	14.50	
TLG	5.87	36	ePn	12	33.00	-0.6
			e	12	47.00	
			e	13	38.00	
			e	14	09.00	
QUE	9.63	211	iPd	13	25.40	-0.7
	1.0s	55.00nm			5.7mb	
			eS	15	32.80	
NDI	10.62	158	iP	13	36.40	-3.0X
	0.6s	326.67nm			6.7mb X	
MAIO	10.70	262	iPc	13	36.00	-4.6X
	0.9s	108.70nm			6.0mb	
			eS	15	33.00	
ASH	11.25	271	eP	13	42.00	-6.0X
	1.5s	330.00nm			6.3mb	
			iS	15	48.00	
WMO	12.47	61	iPc	14	01.60	-2.8X
	1.0s	250.00nm			6.2mb	
N 10s		15.30um				
		pP	14	11.00		
		PP	14	13.00		
		S	16	20.00		
KAT	12.77	278	iP-	14	04.00	-4.3X
BRVK	14.53	354	iPd	14	26.50	-4.9X
	1.3s	684.00nm			6.0mb	
			eS	17	05.00	
GKN	14.57	133	P	14	25.10	-7.1X
KKN	15.10	132	P	14	31.62	-7.6X
DMN	15.14	133	P	14	32.66	-7.1X
PKI	15.34	132	P	14	34.86	-7.6X
GUN	15.37	130	P	14	35.18	-7.6X
TEH	17.17	267	eP	15	09.00	3.6X
ELT	17.39	28	iP	15	06.80	-0.9
	1.7s	580.00nm			5.4mb	
		i	18	20.00		
BAK	17.63	283	iPc	15	16.00	5.2X
LSA	17.70	115	P	15	09.80	-2.4
	1.2s	81.00nm			4.7mb	
Z 10s		9.54um			4.9Msz	
N 10s		10.00um				
		iS	18	23.00		
		eS	18	37.00		
SHE	18.59	284	iP	15	22.00	-0.6
	1.0s	300.00nm			5.4mb	
		iS	18	42.00		
UER	19.83	42	iPc	15	34.50	-2.2
	1.2s	280.00nm			5.5mb	
		iS	19	14.00		
SVE	19.85	340	iPd	15	35.00	-2.0
	2.8s	550.00nm			5.4mb	
		eS	19	14.00		
POO	20.04	177	iPd	15	35.40	-3.9X
	1.0s	230.00nm			5.5mb	
ARU	20.09	337	ePd	15	38.00	-1.4
Z 11s		20.50um			5.7MszX	
N 12s		13.00um				
GRO	20.85	292	iPd-	15	47.00	-0.3
	1.5s	2240.00nm			6.3mb	
N 14s		23.00um				
		i	16	19.00		
		iS	19	40.00		
KER	20.94	266	iPc	15	49.80	1.3
GTA	21.11	79	iPc	15	50.60	0.4
	1.0s	550.00nm			5.9mb	
Z 11s		8.65um			5.4MszX	
		pP	16	01.00	41km	
		PP	16	18.00		
MTA	21.46	287	iPd-	15	52.00	-1.5
	0.8s	300.00nm			5.7mb	
		i	16	16.00	119kmX	
		iPPP	16	24.00		
		iS	19	46.80		
		iPS	19	56.00		
		iPPS	20	04.00		
		iSS	20	30.00		
HYB	21.75	165	iPd	15	55.20	-1.5
	1.0s	710.00nm			6.0mb	
		i	16	39.00		
		eS	19	50.00		
DHR	22.54	244	iPd	16	05.20	0.8

PYA	22.79	293	iP	16	06.00	-0.8
	2.0s	440.00nm			5.6mb	
Z 16s		4.00um			5.0MszX	
		i	16	15.50	35km	
		i	16	30.00		
		iS	20	14.00		
		i	21	11.00		
MOY	23.70	47	ePd	16	17.30	1.8
	2.2s	720.00nm			5.8mb	
ZAK	24.64	52	iPd	16	26.00	1.4
	1.2s	193.00nm			5.5mb	
Z 16s		6.45um			5.2MszX	
N 12s		4.30um				
E 16s		7.28um				
		e	17	18.00	282kmX	
		eS	20	40.00		
LZH	24.88	86	iPd	16	28.80	1.5
	1.2s	170.00nm			5.5mb	
Z 14s		5.85um			5.2MszX	
N 12s		5.83um				
		PP	17	08.00		
		PcP	20	04.00		
		sS	21	04.00		
SOC	25.20	292	eP	16	32.00	2.0
Z 14s		2.70um			4.9MszX	
N 13s		1.50um				
E 12s		2.00um				
		e	17	10.00	192kmX	
		eS	20	57.00		
		eSS	21	53.00		
GBA	25.28	169	P	16	30.50	-0.4
		S	21	14.50		
IRK	25.84	48	eP	16	35.00	-0.9
	1.4s	116.00nm			5.3mb	
Z 14s		9.54um			5.5MszX	
E 13s		6.22um				
		e	17	28.00	282kmX	
		e	21	04.00		
		e	21	21.00		
RYD	26.02	245	iPd	16	38.50	0.7
		iS	21	18.00		
MJMA	26.29	249	ePd	16	40.00	-0.4
CD2	26.61	97	eP	16	43.80	0.6
	1.4s	110.00nm			5.3mb	
Z 10s		6.27um			5.5MszX	
		pP	16	54.00	37km	
		sS	21	40.00		
ANN	26.94	295	eP	16	44.00	-2.1
	1.2s	80.00nm			5.2mb	
		e	17	28.00	222kmX	
		eS	21	24.00		
		eSS	22	26.00		
QASM	27.45	252	ePd	16	51.00	0.0
KVT	28.07	287	eP	16	58.00	1.6
BTO	28.73	74	P	17	03.00	0.6
	1.0s	37.00nm			5.0mb	
N 12s		2.55um				
E 14s		6.84um				
KMI	28.75	109	Pd	17	02.00	-0.9
	1.5s	50.00nm			5.0mb	
Z 12s		3.70um			5.2MszX	
N 10s		2.80um				
E 10s		2.50um				
		S	21	50.00		
		sS	22	13.00		
MOS	28.90	318	iPd	17	03.00	-0.6
Z 14s		9.60um			5.6MszX	
N 13s		5.40um				
E 13s						

EBAN	58.17	296	iPd	20	58.54	-0.3	ULM	90.93	353	eP	24	10.50	3.1X	SLA	3.66	128	ePd	38	28.00	0.5
ECOG	58.41	295	iPc	20	59.45	-1.2	SES	91.30	2	eP	24	09.00	-0.2	ZOBO	6.18	5	eP	39	04.00	1.1
EGUA	58.60	294	iPd	21	00.94	-1.0		1.2s	105.00nm				6.1mb				e	39	20.00	
ERUA	58.63	301	eP	21	00.20	-1.9	EEO	91.42	341	ePc	24	13.50	3.8X	SIV	9.64	49	P	39	47.80	-1.7
ELUQ	58.78	295	iPd	21	02.31	-0.9	PGC	91.94	11	eP	24	13.50	1.5	VAO	20.00	96	(P)	41	52.70	-6.4
EMEL	58.07	292	eP	21	03.00	-0.7		1.3s	61.00nm				5.9mb	BCAO	89.08	85	ePd	50	18.00	0.2
EPLA	58.93	299	iPd	21	03.85	-0.3	MBW	92.02	10	P	24	12.81	0.1		1.0s	10.00nm			4.9mb	
MAL	59.26	294	iPd	21	06.00	-0.4	RSNY	92.07	337	ePc	24	14.30	1.5				ic	50	47.00	
EHOR	59.35	296	iPd	21	06.52	-0.5		1.1s	47.24nm				5.8mb							
STS	59.36	302	eP	21	05.61	-1.4	CMW	92.35	10	P	24	14.88	0.8							
BCAO	59.62	249	iPd	21	08.10	-1.1	RPW	92.40	9	P	24	14.62	0.3							
	0.8s	140.00nm				6.1mb	OBC	92.45	11	P	24	16.52	2.0							
							JCW	92.60	10	P	24	15.97	0.8							
							OSD	92.72	11	P	24	17.77	1.8							
							OOW	92.72	11	P	24	17.88	2.1							
ALJ	60.13	295	eP	21	12.00	-0.6	NLW	92.91	9	P	24	17.30	0.5							
OJEN	60.35	294	iP	21	16.00	2.0	OSR	92.98	11	P	24	18.97	2.0							
MOMI	60.38	295	eP	21	12.00	-2.2	NEW	93.06	7	ePc	24	18.00	0.7							
PLAT	60.50	294	iP	21	14.00	-1.0		1.0s	56.50nm				6.0mb							
CNIL	60.59	295	eP	21	14.00	-1.6	GMW	93.12	10	iPc	24	19.36	1.8							
IFR	61.29	291	iPc	21	21.00	0.4	WTV	93.33	8	P	24	18.90	0.3							
AVE	63.06	292	iPc	21	32.00	-0.2	DPW	93.35	7	iPd	24	19.36	0.7							
							ETW	93.38	9	P	24	19.26	0.3							
BRW	64.92	16	eP	21	30.60	-13.2X	WLVO	93.76	339	P	24	21.45	0.9							
MBC	65.16	3	iPd	21	44.80	-0.4	LON	94.03	10	ePd	24	22.21	0.4							
	1.0s	120.00nm				5.9mb	EBG	94.04	9	P	24	22.56	0.7							
ANTZ	67.36	289	iPc	21	59.50	-0.5	WPW	94.12	10	P	24	23.30	1.0							
							CRF	94.26	8	P	24	23.48	0.7							
							MXC	94.40	9	P	24	24.24	0.8							

[illegible]

GRR	80.82	360	eP	05	56.90	0.2
	1.1s	89.15nm				5.7mb
MLR	80.96	341	ePc	05	59.00	1.3
WB2	80.97	222	iPc	05	56.30	-1.5
	0.8s	44.20nm				5.5mb
WRA	80.97	222	P	05	56.70	-1.1
	0.9s	24.60nm				5.2mb
HAU	81.01	355	eP	05	57.60	0.0
	1.0s	16.80nm				5.0mb
Z	19s	1.00um				5.2MsZ
SLE	81.11	354	ePc	05	59.20	0.9
BSF	81.15	355	eP	05	58.50	-0.2
	1.1s	19.55nm				5.0mb
LPF	81.17	0	eP	05	59.00	0.4
	1.2s	6.30nm				4.5mb X
WATA	81.29	351	iPc	05	58.30	-1.1
		i		06	00.30	
MOTA	81.32	352	iPc	05	58.60	-1.0
		i		06	00.10	
WTTA	81.35	351	iPc	05	58.80	-1.0
	1.0s	41.10nm				5.4mb
		i		06	00.80	
		i		06	13.60	
CMP	81.35	342	ePc	06	04.00	4.4X
KBA	81.36	350	iPc	05	59.50	-0.4
	0.9s	57.10nm				5.6mb
		i		06	01.40	
		i		06	10.20	
ZLA	81.40	354	ePc	06	01.20	1.3
SQTA	81.43	352	iPc	06	00.00	-0.1
	1.0s	28.60nm				5.2mb
		i		06	01.10	
		i		06	16.20	
OGA	81.80	352	eP	06	03.50	1.3
	1.0s	16.00nm				5.0mb
RMQ	81.83	207	iPc	06	02.50	0.3
	0.7s	23.00nm				5.3mb
LOR	81.85	357	eP	06	02.40	0.2
	1.3s	41.90nm				5.3mb
Z	21s	0.93um				5.1MsZ
OSS	82.06	352	ePc	06	05.10	1.6
SSF	82.07	357	eP	06	03.70	0.4
	1.3s	42.25nm				5.3mb
LBF	82.13	357	eP	06	04.50	0.6
	1.0s	22.40nm				5.2mb
PTJ	82.22	348	eP	06	04.10	-0.1
LJU	82.25	349	e(P)	06	05.00	0.7
ZAG	82.30	348	iPc	06	06.50	2.0
VDL	82.31	353	ePc	06	06.60	1.8
VOY	82.34	350	eP	06	05.10	0.3
AVF	82.35	357	eP	06	05.10	0.4
	1.1s	49.55nm				5.5mb
SMF	82.48	357	eP	06	05.70	0.3
	1.0s	54.00nm				5.6mb
CEY	82.56	349	eP	06	06.00	0.1
BGF	82.60	357	eP	06	06.40	0.4
	1.0s	21.80nm				5.2mb
MFF	82.60	359	eP	06	06.50	0.5
	1.0s	44.00nm				5.5mb
KVT	82.63	333	eP	06	07.50	1.1
TRI	82.67	350	eP	06	07.00	0.6
		e		17	40.00	
		e		25	56.00	
		e		29	00.00	
VBY	82.70	349	eP	06	06.20	-0.4
		iPcP		06	11.10	
TMA	82.73	353	iPd	06	08.20	1.2
MMK	82.85	354	ePd	06	09.30	1.6
DIX	82.86	354	ePc	06	09.80	2.0
TCF	82.88	358	eP	06	07.80	0.2
	1.0s	17.60nm				5.1mb
EMS	82.90	355	ePd	06	10.00	2.1
LSF	82.93	358	eP	06	08.00	0.2
	1.0s	32.20nm				5.4mb
MAF	82.94	358	eP			

RJF	83.88	358 eP	06 13.10	0.5	BCAO	122.16	337 ePKPc	12 37.00	-1.3	SDN	12.89	64 eP	09 36.07	0.9
	1.1s	39.30nm		5.5mb		0.5s	13.00nm			KDC	17.67	57 eP	10 35.24	-1.5
Z	20s	1.48um		5.4msz			id	12 38.10		TTA	17.75	39 eP	10 39.34	1.5
RRL	84.06	355 P	06 14.71	0.9			id	14 21.60			0.9s	18.98nm		4.2mb
BHB	84.10	354 P	06 14.71	0.9	TIC	122.30	5 PKP	12 37.60	-0.9	BGL	18.61	46 (P)	10 49.79	1.4
PGB	84.14	342 iP	06 16.00	1.9	KIC	122.60	5 PKP	12 38.00	-1.1	CRP	18.71	47 eP	10 49.93	0.2
PLE	84.24	345 iPc	06 14.70	0.1	LIC	122.72	5 PKP	12 38.60	-0.7	IMA	20.27	33 eP	11 06.39	-0.7
CAF	84.25	358 eP	06 15.30	0.8	LWI	125.21	323 iPKPc	12 45.70	1.2		0.6s	17.12nm		4.6mb
	1.1s	39.30nm		5.5mb	BAO	128.38	64 e(PKP)	12 48.00	-2.3X	FBA	21.88	39 ePc	11 24.49	1.2
LFF	84.26	359 eP	06 15.10	0.6			e	12 50.20			0.7s	16.56nm		4.6mb
	1.1s	69.35nm		5.7mb			e	12 51.00		BRW	22.90	20 eP	11 32.87	-0.4
VTS	84.29	342 iP	06 15.00	0.1			e	12 52.00		BALM	23.29	50 eP	11 36.97	-0.3
PCP	84.31	353 P	06 14.57	-0.3	BDF	128.45	64 e(PKP)	12 49.00	-1.5	MBC	34.23	22 ePc	13 16.00	0.0
PZZ	84.45	354 P	06 15.44	-0.3			e	12 51.00			0.8s	16.00nm		5.0mb
PLD	84.46	341 iP	06 18.00	2.4			e	12 52.00		YKA	36.29	46 eP	13 32.50	-1.2
ASPA	84.47	221 iPc	06 15.60	-0.1	TCA	129.85	92 ePKP	12 52.00	-0.7		0.6s	6.20nm		4.7mb
	0.9s	27.50nm		5.4mb	CIR	140.64	308 iPKPd	13 18.50	5.4X	BOD	36.86	306 eP	13 37.90	-0.6
Z	23s	1.30um		5.3mszX	SPA	140.99	180 iPKPc	13 08.80	-3.7X		0.7s	37.00nm		5.4mb
		iS	16 37.60			0.9s	28.18nm			GMW	37.18	72 eP	13 42.22	0.9
LPO	84.51	359 eP	06 16.20	0.4			i	13 29.10		BMW	37.43	74 eP	13 44.41	0.9
	0.9s	53.25nm		5.7mb	BUL	141.33	312 ePKP	13 08.40	-6.1X	LON	38.15	73 eP	13 49.51	0.0
STH	84.60	68 P	06 21.23	4.5X			i	16 17.50		VGB	39.39	74 eP	14 00.14	0.3
IVA	84.60	345 iPc	06 16.76	0.3	SLR	146.24	308 iPKPc	13 22.00	-0.8	NEW	40.19	68 eP	14 05.72	-0.7
ROB	84.61	354 P	06 15.62	-0.8		1.0s	195.00nm			LBFM	40.96	80 eP	14 14.28	1.2
FIN	84.67	353 P	06 17.09	0.4	KSR	147.03	310 iPKPd	13 25.00	0.9	ORV	42.24	82 eP	14 23.05	-0.3
STV	84.70	354 P	06 15.99	-0.9		1.0s	100.00nm			NRI	43.63	329 iPd	14 34.50	0.3
ENR	84.71	354 P	06 15.30	-1.6	BLF	150.06	307 iPKPd	13 33.60	4.9X		1.0s	30.00nm		5.0mb
KDZ	84.75	341 eP	06 19.00	1.9		1.1s	378.38nm					e	14 45.00	
ARMA	84.78	204 eP	06 19.10	1.8	CER	156.90	313 ePKP	13 49.50	11.5X			e	20 43.00	
	0.8s	148.00nm		6.2mb		1.0s	40.00nm			MMPM	44.96	83 eP	14 46.42	0.6
BRY	84.79	346 iPc	06 16.95	-0.5		S.D. = 1.2 on 415 of 444 obs.				MEMM	44.98	82 (P)	14 46.59	1.1
NKY	84.81	345 iPc	06 16.98	-0.5		NOV 24, 1992 01h 06m 02.46±0.51s				BONR	45.20	82 (P)	14 48.69	1.0
HVAR	84.83	347 iP	06 17.40	0.0		51.199 N ± 11.5km 179.176 E ± 5.6km				MTUM	45.41	83 eP	14 49.77	0.6
FIR	84.84	351 eP	06 19.20	1.8		DEPTH = 33.0km (normal)				HHA1	45.64	72 eP	14 51.84	0.9
RZN	84.86	341 iP	06 19.00	1.1		4.2mb (8 obs.)				ZAK	45.85	300 iPc	14 53.00	0.8
PVY	84.86	345 iPc	06 17.60	-0.2		RAT ISLANDS, ALEUTIAN ISLANDS (6)					1.3s	19.00nm		4.9mb
TOUF	84.93	354 PKP	06 17.56	-0.6	ADK	2.67	74 eP	06 45.97	1.9	PTI	45.89	72 eP	14 53.90	1.0
AUTN	84.94	354 PKP	06 18.62	0.4	SMY	3.49	298 eP	06 57.13	1.4	HVU	46.29	74 eP	14 56.09	0.0
SAOF	84.94	354 PKP	06 17.80	-0.2	TTA	17.74	39 eP	10 07.83	-0.5	SSE	46.64	267 P	14 59.50	0.8
POO	84.94	293 iPd	06 15.60	-2.8	CRP	18.69	46 eP	10 19.20	-0.9		1.0s	21.00nm		5.1mb
	1.0s	120.00nm		6.0mb	IMA	20.28	32 eP	10 37.06	-0.6	DUG	47.21	76 eP	15 03.92	0.6
KER	84.96	322 eP	06 19.00	0.6		0.7s	2.61nm				0.3s	0.63nm		4.1mb
IMI	84.99	354 P	06 18.74	0.4	FBA	21.87	39 (P)	10 54.47	0.7	GSC	47.81	83 eP	15 07.71	-0.3
KKB	85.01	342 iP	06 20.00	1.6		0.7s	2.59nm			DAU	48.03	74 eP	15 10.22	0.3
AURF	85.05	354 PKP	06 17.86	-0.8	MBC	34.25	22 eP	12 47.00	0.3	ARUT	48.31	79 eP	15 11.29	-0.7
MVIF	85.05	354 PKP	06 17.86	-0.9		1.0s	4.00nm			MSU	48.64	77 eP	15 15.02	0.4
SBF	85.07	354 eP	06 19.10	0.4	MSU	48.57	77 (P)	14 45.32	0.7	EMUT	48.66	75 ePc	15 15.69	0.9
	0.9s	70.45nm		5.9mb	SRU	49.21	75 eP	14 50.63	1.2	SRU	49.27	75 eP	15 19.56	0.2
TTG	85.14	345 iPd	06 18.61	-0.3	PV09	50.44	75 eP	14 59.05	0.0	RSSD	50.05	66 eP	15 24.85	-0.5
MMB	85.15	342 iP	06 21.00	1.9	PV10	50.57	75 eP	14 59.74	-0.3		0.6s	2.74nm		4.5mb
REVf	85.20	354 PKP	06 17.93	-1.4	DAG	51.79	5 eP	15 07.00	-1.4	PV09	50.50	75 eP	15 28.58	-0.4
CALN	85.21	354 PKP	06 17.95	-1.6		0.6s	8.67nm			PV10	50.64	75 eP	15 30.15	0.2
SKO	85.21	343 iP	06 21.00	1.6		Z	21s	5.45um	5.6mszX	PV08	50.75	75 eP	15 30.43	-0.4
	Z	17s	2.25um	5.6mszX		N	21s	3.15um		ULM	50.88	56 eP	15 35.00	3.8)
		i	17 58.00			E	19s	3.61um		GOL	52.00	71 ePc	15 39.96	-0.3
HCY	85.24	346 iPc	06 18.93	-0.6	GOL	51.94	72 eP	15 10.47	0.0		0.7s	12.56nm		5.0mb
BDV	85.35	345 iPc	06 19.10	-1.0		0.8s	3.39nm			LZH	54.12	285 Pd	15 56.50	0.7
FRF	85.42	355 eP	06 20.00	0.4	WMOK	59.16	72 eP	16 01.72	-0.5		1.4s	55.00nm		5.4mb
	1.0s	43.80nm		5.6mb		0.8s	2.92nm			WMOK	59.22	72 iPd	16 31.20	-0.9
LRG	85.54	355 eP	06 21.70	0.7	MIAR	62.38	69 eP	16 23.43	-0.6	BRVK	60.12	319 iPc	16 37.00	-1.0
	1.1s	48.10nm		5.6mb		1.0s	4.27nm				1.0s	49.00nm		5.6mb
Z	21s	1.30um		5.3msz	ELC	62.94	64 eP	16 26.97	-0.8	SVE	60.98	326 ePd	16 45.00	1.3
ULC	85.60	345 iPc	06 19.26	-2.1	GUN	70.74	291 P	17 17.60	0.0	ARU	62.00	327 eP	16 51.00	0.3
VAY	85.64	343 eP	06 22.00	0.5	KKN	71.18	291 P	17 20.40	0.3		1.0s	50.00nm		5.6mb
LMR	85.65	355 eP	06 22.10	0.6	PKI	71.27	291 P	17 20.40	-0.4	MIAR	62.43	68 eP	16 53.04	-0.8
	1.0s	41.20nm		5.6mb	GKN	71.40	292 P	17 21.40	0.1		0.6s	4.48nm		4.8mb
OHR	86.16	344 iP	06 24.00	-0.2	DMN	71.42	291 P	17 22.00	0.4	ELC	62.99	63 eP	16 55.77	-1.7
EPF	86.17	359 eP	06 24.00	-0.2	WRA	81.01	222 P	18 14.10	-1.1	KAF	64.92	346 eP	17 07.70	-2.0
	0.9s	7.70nm		4.9mb		0.7s	0.70nm				0.4s	2.00nm		4.6mb
PGF	86.26	353 PKP	06 22.02	-2.7	SBA	129.01	183 iPKPc	24 53.00	-13.7X	NUR	66.70	347 iP	17 19.60	-1.5
PGF	86.26	353 eP	06 25.10	0.4	BLF	150.08	307 ePKP	25 48.70	2.8X		0.5s	3.80nm		4.7mb
	1.0s	81.20nm		5.9mb		1.0s	50.00nm			TKL	67.20	61 (P)	17 22.99	-1.7
GBA	86.69	287 P	06 26.40	-0.6			i	26 20.70		NAO	67.88	354 P	17 27.40	-1.1
CMS	87.38	208 eP	06 31.20	1.3		S.D. = 0.9 on 22 of 24 obs.					0.7s	7.70nm		4.9mb
	0.9s	7.00nm		4.9mb		NOV 24, 1992 01h 06m 31.89±0.30s				HFS	68.34	352 eP	17 29.80	-1.6
STKA	89.06	211 eP	06 40.30	2.4		51.254 N ± 7.2km 179.047 E ± 3.4km					0.5s	2.10nm		4.5mb
BWA	89.42	205 eP	06 41.30	1.7		DEPTH = 33.0km (normal)				PRM	69.15	61 (P)	17 35.03	-1.8
CAN	90.11	204 eP	06 43.70	0.9		4.8mb (27 obs.)				CHG	69.41	275 eP	17 38.50	-0.1
TOV	95.28	67 eP	07 08.50	1.2		RAT ISLANDS, ALEUTIAN ISLANDS (6)				OBN	69.50	338 eP	17 38.40	-0.2
SDV	95.51	69 eP	07 08.70	0.2							0.9s	19.00nm		5.2mb
ZOBO	116.77	83 ePKP	12 21.00	-7.7X	ADK	2.74	75 eP	07 15.19	0.8	JSC	69.61	61 eP	17 38.07	-1.5
	Z	20s	0.35um	5.0msz			eS	07 47.72		LNS	69.70	60 eP	17 36.15	-4.0X
		LR	23 36.00		SMY	3.40	298 eP	07 26.12	2.3	GUN	70.64	291 P	17 46.72	0.3
CNCB	117.26	83 PKP	12 27.20	-2.3X			eS	08 14.23		KKN	71.08	291 P	17 49.24	0.3
SIV	120.91	77 PKP	12 39.40	3.6X							0.6s	73.00nm		5.9mb X

24d 01h

PKI 71.17 291 P 17 49.58 -0.1
 GKN 71.30 291 P 17 50.26 0.1
 DMN 71.32 291 P 17 50.62 0.2
 EKA 73.77 1 P 18 05.00 1.0
 KHC 79.23 350 eP 18 35.00 0.2
 GEC2 79.50 350 eP 18 36.10 -0.3
 0.7s 0.75nm 3.8mb X

e 18 40.20
 e 18 46.90
 e 18 48.00
 e 18 57.00

ZST 79.73 348 e(P) 18 35.50 -2.0
 WB2 81.00 222 eP 18 43.30 -1.2
 0.8s 4.60nm 4.5mb

WRA 81.00 222 P 18 43.70 -0.8
 0.5s 1.90nm 4.3mb

WTTA 81.27 351 iPd 18 46.70 0.8
 i 18 58.50

KBA 81.28 350 i(P) 18 46.90 0.9
 0.7s 7.80nm 4.8mb

HYB 82.99 289 eP 18 55.40 0.3
 1.0s 25.00nm 5.3mb

ASPA 84.50 221 eP 19 03.10 0.7
 0.7s 5.10nm 4.8mb

GBA 86.63 287 P 19 13.30 0.0
 SPA 141.07 180 iPKPc 26 17.70 18.5X
 1.1s 44.64nm

SLR 146.15 308 iPKPc 26 09.50 0.3
 1.0s 25.00nm

CER 156.81 313 iPKPc 26 13.50 -10.9X
 1.0s 30.00nm

S.D. = 0.9 on 76 of 80 obs.

NOV 24, 1992 01h 12m 30.76 ± 0.49s
 51.197 N ± 13.1km 179.048 E ± 5.4km
 DEPTH = 33.0km (normal)
 4.8mb (18 obs.)

RAT ISLANDS, ALEUTIAN ISLANDS (6)

ADK 2.75 74 eP 13 15.80 2.3
 eS 13 50.00

SMY 3.42 299 eP 13 24.86 1.8
 SLKM 19.43 49 eP 16 55.49 -1.5
 IMA 20.32 33 ePd 17 06.69 0.2

FBA 21.93 39 eP 17 24.00 1.4
 1.0s 25.00nm 4.6mb

MBC 34.28 22 eP 19 15.00 -0.3
 0.9s 12.00nm 4.8mb

YKA 36.33 46 eP 19 31.30 -1.6
 0.6s 4.10nm 4.5mb

LON 38.16 73 eP 19 50.00 1.5
 NEW 40.21 68 eP 20 04.69 -0.8
 0.8s 13.33nm 4.7mb

ORV 42.25 82 eP 20 22.70 0.4
 LRM 44.21 69 eP 20 37.90 -0.5

SSE 46.64 268 P 20 58.50 0.9
 1.0s 21.00nm 5.1mb

DUG 47.23 76 eP 21 02.00 -0.3
 8W06 47.64 71 iPc 21 05.30 -0.4
 0.8s 4.29nm 4.5mb

DAU 48.04 74 eP 21 08.69 -0.3
 PLM 49.05 85 eP 21 17.39 0.8

PV10 50.65 75 eP 21 29.39 0.5
 GLD 52.08 71 eP 21 40.08 0.4
 1.4s 17.36nm 4.8mb

LZH 54.13 285 P 21 54.50 -0.3
 1.4s 37.00nm 5.2mb

WMOK 59.24 72 eP 22 29.74 -1.3
 0.8s 9.77nm 5.0mb

KAF 64.98 346 iP 23 06.70 -2.3
 0.9s 5.80nm 4.7mb

NAO 67.93 354 P 23 25.60 -2.1
 0.9s 6.60nm 4.7mb

CHG 69.42 275 eP 23 37.00 -0.5
 OBN 69.55 338 eP 23 37.00 -0.8

GUN 70.66 291 P 23 45.42 0.0
 0.8s 115.00nm 6.0mb X

KKN 71.11 291 P 23 48.02 0.1
 0.7s 63.00nm 5.8mb

PKI 71.19 291 P 23 48.18 -0.4
 GKN 71.32 291 P 23 48.98 -0.2
 DMN 71.34 291 P 23 49.42 0.0
 0.9s 49.00nm 5.6mb
 EKA 73.82 1 P 24 03.00 -0.2
 1.7s 54.40nm 5.3mb

QUE 79.40 305 eP 24 36.60 1.4
 GEC2 79.55 350 ePKP 24 37.90 2.4
 0.8s 0.87nm 3.8mb X
 WB2 80.95 222 iPd 24 36.10 -7.1X
 0.5s 1.50nm 4.2mb

WRA 80.96 222 P 24 36.00 -7.2X
 0.8s 0.60nm 3.6mb X

WTTA 81.32 351 iPc 24 45.60 0.5
 KBA 81.34 350 iPc 24 45.00 -0.1
 0.8s 5.80nm 4.6mb

HYB 83.00 289 iPd 24 54.60 0.6
 1.0s 40.00nm 5.5mb

ASPA 84.45 221 eP 24 59.70 -1.4
 1.0s 8.00nm 4.9mb

GBA 86.65 287 P 25 12.10 -0.1
 SLR 146.19 308 iPKPc 32 08.50 0.4
 0.9s 25.21nm

BLF 150.01 307 iPKPd 32 19.70 5.6X
 0.7s 20.00nm

CER 156.85 313 ePKP 32 16.50 -6.9X
 0.5s 8.11nm

S.D. = 1.1 on 38 of 42 obs.

% NOV 24, 1992 01h 18m 29.92 ± 0.74s
 33.784 S ± 6.2km 71.369 W ± 7.2km
 DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)

LNK 0.17 191 iP+ 18 36.47 0.2
 iS 18 41.94

LCCH 0.35 331 iP+ 18 37.91 -0.4
 iS 18 44.47

TACH 0.38 70 iP 18 38.91 0.1
 iS 18 46.75

CHCH 0.62 104 iPd 18 41.95 -0.3
 iS 18 52.22

CACH 0.72 118 iP 18 44.00 0.2
 iS 18 55.45

PCH 0.73 77 iPd 18 43.48 -0.4
 iS 18 54.59

PEL 0.86 42 iP 18 46.11 0.5
 iS 18 58.67

ROCH 0.86 20 iP+ 18 45.81 -0.1
 iS 18 58.19

FCH 1.01 64 iP 18 47.67 -0.4
 iS 19 02.14

JACH 1.28 31 iP 18 52.23 0.6
 iS 19 09.42

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

% NOV 24, 1992 02h 06m 43.76 ± 1.84s
 38.014 N ± 10.8km 26.925 E ± 18.0km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
 MD 2.2 (ISK).

Izm 0.47 35 iPg 06 52.30 -0.9
 eSg 06 57.80

YER 1.39 129 ePn 07 09.00 -0.2
 EZN 1.87 346 ePn 07 15.70 -0.3

DST 2.07 39 iPn 07 20.00 1.0
 KCT 2.49 26 ePn 07 25.60 0.6

S.D. = 1.1 on 5 of 5 obs.

& NOV 24, 1992 02h 24m 06.14s
 34.062 N 116.366 W

DEPTH = 3.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.1 (PAS), 2.8 (GS).

Felt.

PEC 0.68 256 ePc 24 18.70 -1.1
 S 24 27.80

PLM 0.82 210 iPd 24 21.44 -1.1
 S 24 33.08

SSK 1.11 278 ePc 24 26.51 -1.2
 S 24 40.89

GSC 1.29 344 eP 24 29.35 -1.3
 S 24 47.22

GLA 1.63 128 ePn 24 33.72 -2.1
 ISA 2.36 313 ePn 24 44.38 -2.0

ABL 2.49 289 ePn 24 46.32 -2.0
 7 obs. associated

NOV 24, 1992 03h 47m 24.69 ± 0.66s

37.708 N ± 6.4km 21.514 E ± 3.8km
 DEPTH = 50.8 ± 11.0 km
 3.9mb (2 obs.)
 SOUTHERN GREECE (368)
 MD 4.1 (ATH). Felt in most of
 the Peloponnisos.

VLS 0.87 303 ePg 47 39.50 -1.3
 AGG 1.46 26 ePb 47 48.28 -0.8

eSb 48 09.52
 VLI 1.51 131 ePb 47 51.00 1.3
 ATH 1.76 81 ePb 47 53.50 0.2

eSb 48 19.00
 IGT 2.04 333 ePn 47 57.24 0.0
 eSn 48 24.96

KEK 2.41 327 ePn 48 03.00 0.6
 SRN 2.47 332 ePn 48 05.30 2.0
 iSn 48 35.80

LIT 2.51 17 ePn 48 04.68 0.8
 eSn 48 36.60

KZN 2.60 4 ePn 48 07.00 1.8
 eSn 48 39.00

PAIG 2.79 37 ePn 48 08.28 0.5
 eSn 48 43.92

TPE 2.84 336 ePn 48 07.60 -0.9
 iSn 48 42.00

FNA 3.07 358 ePn 48 11.90 -0.1
 eSn 48 49.21

THE 3.13 21 ePn 48 12.28 -0.4
 eSn 48 51.52

VLO 3.17 331 ePn 48 15.50 2.2
 OUR 3.25 35 ePn 48 14.04 -0.4

GRG 3.32 12 ePn 48 16.64 1.2
 eSn 48 55.72

SOH 3.42 24 iPn 48 16.54 -0.3
 iSn 48 58.00

KNT 3.61 17 iPn 48 19.84 0.3
 eSn 49 02.92

VAY 3.70 12 iPn 48 22.40 1.7X
 SRS 3.77 25 ePn 48 21.68 0.0

eSn 49 06.84
 TIR 3.85 341 ePn 48 22.70 -0.2

iSn 49 07.50
 PRK 4.04 66 ePn 48 26.00 0.5

PHP 4.06 349 ePn 48 29.00 3.2X
 iSn 49 17.50

NPS 4.11 125 ePg 48 38.00 11.5X
 LACI 4.16 341 ePn 48 26.00 -1.2

SKO 4.26 359 ePn 48 28.20 -0.4
 i 48 41.80

EZN 4.31 59 ePn 48 27.70 -1.7
 SOI 4.33 276 P 48 28.00 -1.6

eSn 49 45.00
 KKS 4.44 349 ePn 48 36.50 5.3X

TDS 4.49 297 P 48 38.00 6.1X
 IZM 4.59 80 ePn 48 32.30 -1.0

ULC 4.59 338 iPnd 49 00.43 27.1X
 iSn 49 50.28

BRT 4.60 315 P 48 37.00 3.5X
 ALN 4.74 46 ePn 48 35.20 -0.2

BCI 4.78 347 ePn 48 34.80 -1.3
 PVY 5.02 347 iPnc 49 06.92 27.4X

iSn 50 04.04
 TTG 5.02 341 iPnd 49 05.57 26.2X

iSn 50 00.95
 MGR 5.24 299 P 48 42.50 0.0

HCY 5.27 335 iPnc 49 07.39 24.5X
 iSn 50 04.04

IVA 5.30 347 iPnd 49 11.33 27.9X
 iSn 50 10.42

NKY 5.45 340 iPnc 49 11.65 26.2X
 iSn 50 11.19

SGO 5.60 302 P 48 48.00 0.5
 BRY 5.66 337 iPnd 49 13.67 25.2X

iSn 50 14.12
 PLE 5.84 345 iPnc 49 17.73 26.7X

iSn 50 22.28
 DST 5.88 69 eP 48 51.00 -0.5

KCT 5.90 62 eP 48 52.00 0.2
 HVAR 6.69 326 e(Pn) 49 02.50 -0.2

DUI 6.72 308 P 49 04.00 0.7
 SDI 7.15 306 P 49 08.00 -1.3

MLR 8.45 22 eP 49 31.00 3.7X
 ASS 8.62 311 P 49 31.00 1.4

ARV 8.71 314 P 49 29.00 -1.8
 VBY 9.09 331 ePn 49 32.60 -3.3X

i 50 00.50

ZAG	9.09	335	e	51	11.00		FRF	2.73	264	Pn	01	47.40	-0.6	TUC	74.51	327	eP	25	59.34	0.2
PTJ	9.17	335	e(P)	49	54.00	18.0x				Sn	02	19.30			1.6s	37.68nm			5.1mb	
RIY	9.31	327	eP	49	53.90	16.7x	LMR	2.87	260	Pn	01	49.30	-0.7	ALQ	74.95	332	eP	26	02.04	0.2
SFI	9.60	313	P	49	40.90	1.9				Sn	02	22.00			1.0s	29.48nm			5.2mb	
CEY	9.61	329	eP	49	45.00	2.1x	LRG	2.95	262	Pn	01	50.60	-0.5							
			e	49	40.50	-2.7x				Sn	02	25.00		LIC	75.36	72	P	26	04.20	-0.1
			eS	50	07.50		LPG	3.03	303	Pn	01	53.60	1.1	TIC	75.62	72	P	26	05.80	0.0
			eS	51	23.00		LPL	3.05	303	Pn	01	54.50	1.8	KIC	75.67	72	P	26	05.60	-0.5
LJU	9.82	330	e(P)	49	59.00	13.0x	FVI	3.17	32	P	01	53.00	-1.1	JFWS	77.66	347	eP	26	15.39	-1.2
			e	50	03.50					eSn	02	26.80			1.4s	63.92nm			5.5mb	
			eS	51	58.00		RBL	3.39	41	P	01	57.20	-0.2	RSNY	77.68	359	eP	26	16.29	-0.3
TRI	9.87	327	e(Pn)	49	47.30	0.7	BSF	4.64	329	Pn	02	15.40	0.1		0.7s	13.94nm			5.1mb	
			e(Sn)	51	29.50					Sn	03	08.40		GLD	78.74	335	eP	26	23.47	0.6
			e	51	39.70		HAU	4.96	327	Pn	02	19.20	-0.4	GOL	78.75	335	eP	26	22.43	-0.6
VOY	10.07	328	eP	49	48.00	-1.5				Sn	03	16.00			1.2s	24.83nm			5.1mb	
			e	50	16.10		CDF	4.98	335	Pn	02	19.00	-1.0	PEC	78.83	324	eP	26	23.98	0.7
			eS	51	35.50					Sn	03	15.70			1.2s	11.63nm			4.8mb	
			e	52	03.80									PV10	78.96	332	eP	26	23.76	-0.4
FVI	10.99	327	P	50	17.00	15.2x														
KBA	11.14	330	e(P)	50	14.00	9.9x								PV08	78.98	332	eP	26	24.93	0.6
			i	50	32.50									PV09	79.10	332	eP	26	25.38	0.4
			i	50	51.30															
			i(S)	52	06.10															
			i	52	10.70									LMN	79.31	6	eP	26	28.50	2.9
			i	52	31.40									GSC	79.79	325	eP	26	29.56	1.1
HFS	22.99	350	eP	52	25.20	-0.3								EEO	79.95	356	ePc	26	31.50	2.6
	0.4s	2.80nm												SRU	80.18	331	eP	26	30.59	-0.1
Z	28s	34.00um					LCCH	1.18	90	iP+	14	41.49	-0.7	ARUT	80.29	329	eP	26	32.48	1.3
			LR	59	03.00		IHA	1.21	68	iPd	14	41.70	-0.9	MSU	80.35	330	eP	26	32.23	0.6
NAO	24.10	347	P	52	36.20	-0.1				iS	14	57.50								
	0.5s	1.50nm					LNv	1.39	110	iP+	14	45.34	0.2	ABL	80.62	323	eP	26	33.81	0.7
LIC	39.56	224	(P)	54	53.30	0.7	TACH	1.71	96	iPd	14	49.52	-0.4							
							ROCH	1.73	73	iP+	14	49.08	-1.3	EMUT	80.90	331	eP	26	34.74	0.2
							SAN	1.94	90	iPd	14	53.46	0.2	DAU	81.59	331	eP	26	38.74	0.6
										iS	15	17.73								
							PEL	1.95	81	iPd	14	53.22	-0.2	DUG	82.03	330	eP	26	39.98	-0.3
										iS	15	19.32			1.4s	36.86nm			5.2mb	
% NOV 24, 1992 04h 35m 12.91 ± 1.01s							CHCH	1.99	104	iP+	14	53.73	-0.3	TNP	82.23	326	eP	26	42.39	1.0
40.401 N ± 9.8km 28.340 E ± 5.9km							PCH	2.06	94	iP+	14	54.94	-0.1		0.8s	11.27nm			5.0mb	
DEPTH = 10.0km (geophysicist)							CACH	2.08	108	iPd	14	56.25	0.9	RSSD	82.26	338	eP	26	41.30	-0.2
TURKEY (366)							JACH	2.16	69	iP	14	55.03	-1.4		0.8s	10.55nm			4.9mb	
MD 2.9 (ISK).							FCH	2.25	87	iP+	14	57.95	0.0							
KCT	0.15	175	iPg	35	16.60	0.1	RTBS	3.49	60	ePd	15	16.50	1.3	BONR	82.64	325	eP	26	44.64	1.0
BNT	0.32	262	iPg	35	20.10	0.5	MDZ	3.51	81	iP	15	17.50	1.8	MEMM	82.71	325	eP	26	45.36	1.8
			iSg	35	25.10					i	15	24.80		BW06	82.96	334	eP	26	44.00	-1.1
EDC	0.37	262	iPg	35	20.00	-0.5				iS	15	52.80		HVU	83.35	331	eP	26	47.09	0.0
			iSg	35	25.60		RFA	3.96	110	ePd	15	23.50	1.6							
YLV	0.81	78	ePg	35	28.60	0.0				S	16	23.20		KVN	83.42	326	eP	26	48.14	0.6
			eSg	35	40.10		RTCV	4.08	68	iPd	15	24.60	0.9	PTI	84.11	332	eP	26	51.47	0.6
DST	0.82	164	iPg	35	28.80	-0.1				(S)	15	35.60		SLR	84.84	117	eP	27	04.50	9.4
			iSg	35	39.80		ZON	4.12	63	eP	15	25.20	1.0	ORV	85.43	324	eP	26	57.97	0.6
							RTLL	4.38	62	ePc	15	27.50	-0.4	ULM	85.80	345	eP	27	01.50	2.6
							CFA	4.42	66	ePc	15	29.00	0.5	LRM	86.64	334	eP	27	03.90	0.4
										S	16	20.00								
% NOV 24, 1992 05h 01m 02.74 ± 0.35s							MRA	6.21	82	ePd	15	52.30	-1.3	WDC	86.73	325	ePc	27	03.68	0.0
43.919 N ± 4.8km 10.375 E ± 2.8km							RTPR	6.35	62	ePd	15	53.00	-2.7x		0.6s	11.66nm			5.3mb	
DEPTH = 5.0km (geophysicist)							TCA	7.41	75	iP	16	07.10	-3.5x	JAQ	86.96	358	eP	27	04.00	-0.5
CENTRAL ITALY (381)										(S)	17	26.60		LBFM	87.01	325	eP	27	05.61	0.3
ML 2.9 (LDG). MD 2.8 (FIR).							CYA	7.95	53	iPc	16	13.00	-5.2x	LGPM	87.12	325	eP	27	06.60	0.8
BDI	0.21	48	Pd	01	06.00	-1.1	FSA	9.54	41	e(P)	16	34.60	-5.4x							
			iSg	01	10.00		ARE	17.00	5	eP	18	21.00	1.8	SES	90.05	337	ePc	27	18.80	-0.6
FIR	0.65	102	ePg	01	17.00	1.2	CCH	17.17	23	P	18	22.20	0.8							
			iSg	01	27.00		CNCB	17.20	16	P	18	23.00	1.0	NEW	90.45	332	eP	27	20.79	-0.5
SFI	1.07	89	Pd	01	23.00	-0.3	LPB	17.44	16	P	18	25.00	0.1		1.0s	10.00nm			5.1mb	
			eSg	01	37.00		SIV	20.47	35	P	19	01.00	1.3	DPW	90.56	331	eP	27	22.09	0.3
BOB	1.08	322	P	01	25.00	1.5	NNA	21.69	350	iP	19	11.50	-0.6							
			eSg	01	41.00															
CRE	1.18	104	P	01	25.40	0.1	VAO	25.12	72	(P)	19	38.00	-7.5x	LON	91.17	329	eP	27	24.62	0.0
			eSg	01	40.50		BAO	28.73	58	e(P)	20	15.00	-3.7x	FCC	93.57	349	eP	27	37.50	2.2
PCP	1.46	296	P	01	30.66	0.9				e	20	17.00		YKA	101.32	342	ePd	28	09.20	-1.3
			S	01	51.03					e	20	26.00			0.6s	1.00nm			4.6mb	
RSM	1.50	89	P	01	30.00	-0.3				e	20	30.00		WB2	120.81	210	ePKP	33	12.20	-0.6
FIN	1.59	281	P	01	30.89	-0.7				e	20	39.90			0.4s	3.50nm				
			S	01	51.59					e	20	39.90		WRA	120.82	210	PKP	33	12.60	-0.3
SAL	1.69	4	P	01	33.50	0.5				e	38	29.10			0.5s	1.60nm				
			eSn	01	53.00		BDF	28.77	58	Pc	20	16.90	-2.2	NUR	122.15	35	ePKP	33	13.50	-0.6
PGF	1.70	217	Pn	01	33.50	0.2				e	20	19.00		KAF	123.23	34	ePKP	33	15.40	-0.7
			Sn	01	54.50										0.6s	5.30nm				
IMI	1.80	271	P	01	34.09	-0.6	TKL	69.52	351	eP	25	27.71	-1.6	GBA	146.61	119	PKP	34	02.00	1.3
ROB	1.84	283	P	01	34.87	-0.5	UYO	70.25	341	iPd	25	32.60	-1.2	POO	146.85	108	ePKP	33	59.00	-2.1
ASS	1.87	116	P	01	36.70	1.0	OLY	70.78	344	eP	25	35.22	-1.8	YAK	147.98	340	iPKPc	34	04.50	3.0
			eSn	01	59.00		ELC	72.02	346	eP	25	42.78	-1.6		1.3s	71.00nm				
ARV	1.91	102	P	01	36.00	-0.2	SIO	72.25	340	eP	25	44.80	-1.0							
			eSn	01	57.50		LNO	72.26	341	iPd	25	44.40	-1.3	HYB	149.86	115	ePKP	34	10.50	4.7
							TUL	72.26	341	iPd	25	44.70	-1.2		0.8s	30.80nm				
ENR	2.15	279	P	01	39.91	0.1		</												

24d 05h

4.6mb (21 obs.) 4.6Msz (2 obs.)
ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	0.83	320	iPd	37	16.95	1.1
ANM	14.42	18	(P)	40	24.61	0.5
SVW	14.89	41	(P)	40	30.68	0.4
	0.7s	30.65nm			4.8mb	
TTA	15.81	35	eP	40	42.27	0.1
	0.9s	18.83nm			4.3mb	
CRP	16.43	43	eP	40	51.30	1.1
IMA	18.62	29	eP	41	17.43	0.2
	1.1s	25.58nm			4.3mb	
KLU	19.29	46	eP	41	22.54	-2.8
FBA	19.92	36	eP	41	30.76	-1.2
	0.9s	22.48nm			4.5mb	
MBC	33.03	21	eP	43	34.00	-0.4
	0.7s	3.00nm			4.3mb	
YKA	33.96	47	eP	43	42.90	0.4
	0.8s	1.60nm			4.0mb	
GMW	34.09	75	(P)	43	45.41	1.5
LON	35.05	76	eP	43	52.39	0.3
DPW	36.71	72	eP	44	06.90	0.8
NEW	37.17	71	eP	44	10.55	0.5
LBFM	37.77	84	(P)	44	15.92	0.6
		epP		44	28.96	49kmX
LRM	41.15	72	eP	44	42.40	-0.9
PTI	42.80	75	(P)	44	56.38	-0.4
DUG	44.07	79	eP	45	07.41	0.3
	0.7s	2.73nm			4.2mb	
GSC	44.59	87	eP	45	12.09	0.7
FCC	44.69	47	eP	45	15.50	3.9X
DAU	44.90	78	eP	45	14.75	0.7
MSU	45.48	80	eP	45	19.39	0.9
SRU	46.13	79	eP	45	23.88	0.3
RSSD	47.07	69	eP	45	30.00	-1.0
	0.6s	3.29nm			4.5mb	
BJI	47.22	284	eP	45	33.00	1.1
	1.2s	33.00nm			5.2mb	
Z	20s	0.54um			4.5Msz	
PV09	47.36	78	eP	45	33.20	-0.3
PV10	47.50	78	eP	45	34.89	0.4
PV08	47.62	78	eP	45	35.41	-0.1
ULM	48.18	58	eP	45	42.00	2.7
GOL	48.92	75	eP	45	45.41	-0.1
	0.7s	9.10nm			4.9mb	
		epP		46	00.82	59kmX
		esP		46	10.00	
SSE	49.86	271	eP	45	52.50	0.0
WMOK	56.13	75	eP	46	38.38	-0.7
	0.7s	8.88nm			4.9mb	
		epP		46	53.43	56kmX
LZH	57.20	288	Pc	46	47.00	0.1
	1.5s	92.00nm			5.6mb	
Z	20s	0.70um			4.8Msz	
FVM	58.90	67	eP	46	56.89	-1.6
	0.6s	11.72nm			5.2mb	
UYO	59.13	73	iPc	46	59.20	-1.0
EEO	59.14	53	eP	47	02.00	1.9
MIAR	59.40	72	eP	47	00.98	-1.0
	1.1s	17.32nm			5.1mb	
OLY	59.99	70	(P)	47	04.17	-1.9
ELC	60.07	67	eP	47	04.69	-1.9
NAV	64.81	61	eP	47	37.88	-0.3
KMI	65.59	280	eP	47	43.00	-0.6
KAF	65.62	349	eP	47	42.00	-0.9
	0.7s	3.90nm			4.6mb	
LMN	66.50	45	eP	47	51.50	2.7
JSC	66.75	64	eP	47	50.56	0.0
NAO	68.15	356	P	47	58.50	-0.4
	1.0s	6.80nm			4.7mb	
HFS	68.70	355	eP	48	00.20	-2.2
	0.4s	1.10nm			4.3mb	
CHG	72.61	278	eP	48	26.40	-0.2
GUN	73.62	294	P	48	32.90	0.0
	0.6s	117.00nm			6.0mb X	
KKN	74.06	294	P	48	35.16	0.0
	0.7s	53.00nm			5.6mb X	
PKI	74.15	294	P	48	35.62	-0.3
GKN	74.26	295	P	48	35.98	-0.3
DMN	74.30	294	P	48	36.66	0.0
KHC	79.67	354	eP	49	07.50	1.5
KBA	81.73	354	iPc	49	17.00	0.0
	0.9s	8.70nm			4.8mb	
		id		49	17.60	
		i		49	22.50	
WEZ	83.24	226	eP	49	25.00	0.1
	0.8s	2.00nm			4.3mb	

WRA 83.25 226 P 49 24.80 -0.1
0.8s 0.60nm 3.8mb
HYB 86.00 293 eP 49 38.00 -1.0
ASPA 86.69 225 P 49 43.20 1.1
0.8s 3.50nm 4.6mb
GBA 89.67 291 P 50 10.00 13.4X
BCAO 123.18 343 ePKPd 55 57.90 2.4X
0.5s 3.00nm
BUL 143.50 319 iPKPc 56 30.30 -3.3X
SLR 148.57 315 iPKPd 56 46.00 4.2X
BLF 152.41 315 iPKPd 56 57.60 10.1X
1.0s 32.00nm
S.D. = 1.1 on 57 of 63 obs.

? NOV 24, 1992 05h 45m 22.75 ± 8.20s
35.323 N ± 42.5km 26.839 E ± 61.1km
DEPTH = 10.0km (geophysicist)
CRETE (370)
ML 3.9 (CSS).

YER 2.15 32 iPn 45 59.60 0.4
CIN 2.48 24 iPd 46 04.00 0.1
IZM 3.09 6 ePn 46 12.00 -0.5X
BCK 3.70 54 ePn 46 21.00 -0.3
DST 4.51 18 ePn 46 32.30 -0.3
CSS 5.33 92 eP 46 44.40 0.1
eS 47 41.20
S.D. = 0.4 on 5 of 6 obs.

? NOV 24, 1992 06h 07m 23.22 ± 3.50s
34.830 S ± 34.9km 71.252 W ± 20.1km
DEPTH = 120.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.88 351 (P) 07 45.00 0.6
iS 08 03.06
CACH 0.89 37 (P) 07 45.00 0.3
iS 08 03.36
CHCH 1.02 29 (P) 07 45.00 -0.8
iS 08 05.81
TACH 1.20 13 iP 07 46.84 -0.8
iS 08 10.23
PCH 1.35 27 iP 07 49.87 0.5
iS 08 14.15
LCCH 1.38 349 iP 07 49.11 -0.5
FCH 1.70 28 iP 07 53.83 0.1
iS 08 22.35
PEL 1.75 16 iP+ 07 54.27 0.2
iS 08 22.02
ROCH 1.86 6 iP+ 07 56.12 0.4
iS 08 26.01
JACH 2.21 15 iP 07 59.89 -0.1
iS 08 32.81
CNCB 18.18 10 P 11 45.00 15.1X
LPB 18.44 10 P 11 47.00 14.4X
S.D. = 0.6 on 10 of 12 obs.

? NOV 24, 1992 06h 11m 49.36 ± 5.20s
33.896 S ± 17.3km 72.011 W ± 33.4km
DEPTH = 10.0km (geophysicist)
OFF COAST OF CENTRAL CHILE (134)
MD 3.9 (SAN).

LNV 0.50 97 iPd 12 00.57 1.0
iS 12 09.21
LCCH 0.56 41 iPd 12 00.99 0.3
iS 12 10.02
TACH 0.93 75 iP 12 06.88 -0.2
iS 12 21.29
CHCH 1.13 92 iP 12 10.29 -0.3
iS 12 27.94
CACH 1.19 101 iP+ 12 11.73 0.0
iS 12 30.48
SAN 1.21 69 iP 12 11.99 0.1
iS 12 29.72
ROCH 1.24 42 iPd 12 12.21 -0.4
iS 12 29.96
PCH 1.28 78 iP+ 12 12.67 -0.5
iS 12 32.14
PEL 1.34 56 iPd 12 13.99 -0.1
iS 12 33.18
FCH 1.54 69 iP 12 16.93 -0.3
iS 12 39.58
JACH 1.70 45 eP 12 19.78 0.5
iS 12 42.58
S.D. = 0.5 on 11 of 11 obs.

? NOV 24, 1992 06h 32m 48.67 ± 4.68s
41.031 N ± 37.2km 23.660 E ± 18.9km
DEPTH = 10.0km (geophysicist)
GREECE-BULGARIA BORDER REGION (363)

MMB 0.56 5 iPg 33 00.00 -0.1
KKB 0.94 333 iPg 33 06.00 -0.6
RZN 1.03 50 iPc 33 21.00 12.7
PLD 1.33 36 iPc 33 18.00 4.8
KDZ 1.46 64 eP 33 15.00 -0.1
PGB 1.56 14 iPg 33 20.00 3.4
VTS 1.60 348 iPd 33 18.00 0.9
PVL 2.51 29 eP 33 30.00 -0.2
S.D. = 0.8 on 5 of 8 obs.

NOV 24, 1992 06h 38m 43.42 ± 0.49s
40.687 N ± 3.9km 23.414 E ± 4.6km
DEPTH = 10.0km (geophysicist)
GREECE (364)

SOH 0.14 341 iPg 38 47.17 0.4
THE 0.35 261 iPg 38 50.06 -0.5
eSg 38 54.42
SRS 0.45 17 ePg 38 52.62 0.0
OUR 0.56 129 iPg 38 54.90 0.2
eSg 39 03.82
KNT 0.61 321 iPg 38 55.26 -0.6
eSg 39 03.14
PAIG 0.79 165 iPg 38 57.98 -0.7
eSg 39 10.42
GRG 0.81 290 ePg 38 58.78 -0.4
eSg 39 10.58
VAY 0.90 315 iPg 39 00.50 -0.1
0.2s 400.00nm
iSg 39 12.50
Lg 39 18.00
LIT 0.92 231 iPg 39 01.06 0.1
eSg 39 14.26
FNA 1.55 274 ePb 39 11.94 0.8
eSb 39 33.74
AGG 1.86 207 ePb 39 16.10 0.5
eSb 39 40.62
SKO 1.96 311 iPn 39 21.20 4.1X
i 39 44.50
i 39 47.30
OHR 2.03 283 ePn 39 18.50 0.4
S.D. = 0.5 on 12 of 13 obs.

NOV 24, 1992 07h 02m 51.39 ± 0.70s
1.487 N ± 5.4km 127.085 E ± 9.7km
DEPTH = 103.1 ± 7.1 km
5.0mb (12 obs.)
HALMAHERA, INDONESIA (267)

TNE 0.73 160 iP 03 10.80 1.3
iS 03 28.00
AAI 5.26 168 eP 04 10.50 1.5
BIP 6.74 353 ePd 04 29.00 -0.5
eS 05 39.50
CGP 7.32 341 ePd 04 35.00 -2.3
TSM 9.61 287 eP 05 09.80 1.3
MKS 10.11 229 iPc 05 14.70 -0.5
MTN 14.80 164 eP 06 14.50 -2.1
0.4s 150.00nm 5.6mb
KNA 17.21 175 eP 06 45.80 -1.0
WWKK 17.29 107 eP 06 37.00 -10.9X
WB2 22.46 162 iPd 07 42.40 -0.4
0.3s 132.80nm 5.8mb
eS 11 21.70
MBL 23.60 197 eP 07 50.60 -3.3X
0.4s 12.00nm 4.6mb
ASPA 25.87 166 iPc 08 14.30 -1.0
0.3s 68.80nm 5.7mb
eS 12 45.60
NANU 26.43 205 iPd 08 21.10 0.8
WARB 27.51 181 eP 08 30.20 0.0
MEEK 29.13 196 eP 08 42.30 -2.5
FORT 32.10 178 eP 09 10.00 -0.8
MRWA 32.32 198 iPd 09 12.90 0.1
0.4s 13.00nm 5.0mb
CHG 32.52 304 eP 09 14.30 -0.3
BAL 33.41 196 eP 09 22.00 -0.2
KLB 34.07 194 eP 09 27.50 -0.4
MUN 34.84 196 eP 09 34.50 0.0
STKA 35.92 159 iPc 09 46.80 3.2X
XAN 36.57 334 eP 09 48.70 -0.4
RKG 37.09 194 eP 09 54.60 1.2

CMS 37.31 153 iPd 09 54.90 -0.4
0.6s 5.00nm 4.6mb
ARMA 39.42 146 iPd 10 13.50 0.5
0.7s 23.00nm 5.1mb
LZH 40.61 331 iPd 10 24.00 1.2
1.2s 38.00nm 5.1mb
BWA 40.95 153 iPd 10 27.10 1.6
BFD 41.06 161 iPd 10 26.30 0.1
0.5s 12.00nm 5.0mb
CAN 41.96 153 iPd 10 34.40 0.6
TOO 42.44 158 iPd 10 38.40 0.8
0.5s 11.00nm 4.9mb
LSA 44.20 313 eP 10 53.00 0.5
GTA 45.20 330 eP 11 00.50 0.6
1.0s 15.00nm 4.8mb
GUN 47.34 308 P 11 17.26 -0.1
PKI 47.57 307 P 11 18.42 -0.7
KKN 47.77 307 P 11 20.52 0.0
DMN 47.83 307 P 11 21.06 0.0
0.9s 27.00nm 5.1mb
GKN 48.37 307 P 11 24.92 -0.1
MAIO 71.15 308 eP 14 03.00 1.9
S.D. = 1.1 on 36 of 39 obs.

* NOV 24, 1992 07h 13m 58.52s
59.773 N 153.029 W
DEPTH = 94.1km
SOUTHERN ALASKA (2)
<AEIC>.

OPT 0.16 220 iP 14 11.50 1.0
eS 14 22.07
INE 0.29 357 eP 14 11.69 -1.1
ILIM 0.31 6 eP 14 12.09 -0.7
eS 14 23.01
AUL 0.44 208 eP 14 12.98 -0.5
AUE 0.45 203 eP 14 12.76 -0.8
AUP 0.46 206 eP 14 12.83 -0.9
AUH 0.46 207 eP 14 12.93 -0.8
AUW 0.46 209 eP 14 13.13 -0.5
RS1 0.70 11 eP 14 15.23 -0.7
eS 14 27.81
RSO 0.71 11 eP 14 15.18 -0.8
eS 14 27.98
RS2 0.71 11 eP 14 15.09 -0.8
eS 14 28.27
HOM 0.71 99 eP 14 14.70 -1.0
eS 14 28.50
RDW 0.72 9 eP 14 15.16 -0.9
eS 14 28.54
REF 0.74 13 eP 14 15.43 -0.8
eS 14 28.65
RDN 0.76 10 eP 14 15.69 -0.6
S 14 28.80
NCT 0.79 4 eP 14 15.52 -1.2
eS 14 29.39
DFR 0.84 12 eP 14 16.33 -0.8
eS 14 30.49
RDT 0.86 21 eP 14 16.35 -1.0
MCNL 0.89 229 iP 14 16.66 -0.9
eS 14 30.65
CDD 0.90 201 eP 14 17.59 -0.2
CNPM 0.94 104 eP 14 16.92 -1.3
eS 14 31.49
BRLK 1.08 90 eP 14 18.65 -1.2
eS 14 34.42
SYI 1.21 164 eP 14 20.30 -0.9
NKA 1.32 42 eP 14 23.48 0.9
CKT 1.49 16 eP 14 23.84 -1.0
eS 14 44.02
SPU 1.49 18 eP 14 23.77 -1.1
eS 14 44.12
CKN 1.52 16 eP 14 24.17 -0.9
SLKM 1.59 61 eP 14 24.87 -1.1
CGLM 1.62 18 eP 14 25.62 -0.9
eS 14 46.61
SEW 1.83 78 eP 14 26.89 -2.2
MPA 1.97 67 eP 14 29.46 -1.5
SUA 2.04 33 eP 14 31.46 -0.5
PMS 2.26 48 eP 14 33.59 -1.4
PTE 2.27 59 eP 14 33.24 -1.8
PWA 2.44 38 eP 14 36.35 -0.9
LTI 2.62 82 eP 14 37.21 -2.5
PLRM 2.65 45 eP 14 38.01 -2.1
KNIM 2.72 75 eP 14 37.89 -3.2
KNK 2.79 52 eP 14 39.69 -2.4
SML 3.08 46 eP 14 43.47 -2.6

GLI 3.15 67 eP 14 43.96 -3.1
FID 3.41 70 eP 14 46.28 -4.3
SCM 3.48 51 eP 14 49.01 -2.5
VLZ 3.59 65 eP 14 50.29 -2.6
CVA 3.72 75 eP 14 50.67 -4.1
45 obs. associated

NOV 24, 1992 07h 29m 15.24 ± 1.22s
51.436 N ± 10.9km 16.160 E ± 6.3km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.6 (GRF), 3.5 (VIE).

KSP 0.60 172 iPd 29 27.20 -0.2
0.4s 114.00nm
iS 29 36.00
BRG 1.50 249 iPd 29 42.00 -0.2
iPn 29 43.50
iSg 30 02.60
PRU 1.78 216 Pn 29 46.80 0.6
0.5s 41.70nm
Pg 29 48.50
e 29 52.40
Sn 30 05.50
Sg 30 12.00
e 30 18.90
CLL 1.98 268 iPd 29 48.60 -0.6
(Pg) 29 52.10
iSg 30 20.00
eSg 51 03.00

VRAC 2.15 172 ePn 29 50.60 -0.9
0.5s 22.70nm
e 29 53.70
OJC 2.61 116 eP 29 58.60 0.4
iS 30 41.10
KHC 2.84 217 ePg 30 11.00 9.5X
eSn 30 35.40
eSg 30 48.50
MOX 2.98 256 ePg 30 12.30 9.0X
iSg 30 51.20
GEC2 3.04 212 Pn 30 04.10 -0.2
Pg 30 10.90
Sn 30 49.30
WET 3.11 224 iPnc 30 05.70 0.4
VKA 3.18 178 iPg 30 15.40 9.2X
iSg 30 58.90
ZST 3.30 169 eP 30 20.60 12.6X
SPC 3.45 129 ePn 30 20.40 10.1X
e 31 06.60
GRF 3.60 243 ePn 30 12.40 0.2
ePg 30 24.40
e(Sn) 30 55.50
eSg 31 09.20
KBA 4.74 204 iPnc 30 28.30 -0.2
iSg 31 40.70
OGA 5.68 218 iPd 30 42.40 0.5
VBY 5.97 186 iPd 30 46.00 0.3
S.D. = 0.5 on 12 of 17 obs.

* NOV 24, 1992 07h 32m 52.43 ± 1.25s
14.386 N ± 13.8km 92.948 W ± 7.7km
DEPTH = 66.2 ± 10.1 km
4.5mb (1 obs.)
NEAR COAST OF CHIAPAS, MEXICO (69)

TPX 0.84 52 iPd 33 08.80 -0.2
iS 33 18.30
SCX 2.36 7 iP 33 30.53 1.0
iS 33 53.80
OXX 4.52 307 iP 34 00.08 -0.1
iS 34 49.07
IISM 6.24 318 (P) 34 20.15 -3.9X
IIT 6.90 313 (P) 34 34.40 0.9
ACX 7.10 291 (P) 34 34.00 -2.0
PPM 7.16 311 iP 34 36.95 -0.3
III 7.41 303 iP 34 40.99 0.5
UNM 7.73 310 (P) 34 57.70 12.7X
MRX 9.49 305 iP 35 09.97 1.1
BUTX 17.69 348 P 36 55.80 -0.1
S 39 53.70
UYO 19.74 356 iPd 37 17.40 -2.2
MEO 20.94 347 iPd 37 30.60 -1.3
FNO 21.16 350 iPd 37 33.30 -0.9
TUL 21.59 354 e(P) 37 50.10 11.7X
1.2s 59.80nm
LNO 21.59 354 e(P) 37 48.40 10.1X
SDV 22.52 102 eP 37 47.30 -0.7

ACO 22.90 347 iPd 37 52.00 0.6
TOV 23.09 99 ePd 37 53.60 0.2
LRM 35.39 336 eP 39 46.20 2.2
e 39 56.70
SIV 43.62 133 P 40 58.00 5.7X
MBC 63.42 353 eP 43 17.00 0.1
0.6s 3.00nm 4.5mb
LIC 86.47 85 (P) 45 30.50 0.7
KIC 86.71 84 P 45 31.40 0.4
WB2 134.58 256 ePKP 52 20.80 15.0X
0.5s 3.90nm
WRA 134.59 256 PKP 52 21.50 15.7X
0.6s 1.20nm
CHG 144.99 340 ePKP 52 38.20 13.6X
GBA 150.61 19 PKP 52 40.50 7.0X
S.D. = 1.2 on 19 of 28 obs.

? NOV 24, 1992 07h 38m 04.35 ± 2.53s
32.377 S ± 21.7km 70.001 W ± 25.3km
DEPTH = 130.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

JACH 0.59 239 iPd 38 24.27 0.0
iS 38 39.94
PEL 0.96 217 iP+ 38 27.08 -0.1
iS 38 44.53
FCH 0.98 194 iPd 38 27.59 -0.1
iS 38 47.23
ROCH 1.04 235 iPd 38 28.33 0.2
iS 38 46.80
PCH 1.31 199 iP+ 38 30.84 0.0
iS 38 53.18
TACH 1.50 211 iPd 38 32.66 -0.1
iS 38 55.61
CHCH 1.65 199 iPd 38 34.50 0.0
iS 38 58.19
LCCH 1.71 230 iP 38 35.60 0.3
iS 38 59.32
CACH 1.81 196 iP+ 38 37.00 0.5
iS 39 03.44
LNV 1.97 217 iP+ 38 37.81 -0.5
iS 39 06.58
S.D. = 0.3 on 10 of 10 obs.

? NOV 24, 1992 07h 46m 39.46 ± 2.11s
39.385 N ± 20.0km 27.611 E ± 8.3km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 3.0 (ISK).

DST 0.82 74 ePg 46 55.20 -0.1
iSg 47 06.20
BNT 1.00 14 ePg 46 58.00 -0.4
eSg 47 11.00
KCT 1.04 33 iPg 46 59.50 0.5
iSg 47 14.50
EZN 1.09 294 iPg 46 59.90 0.0
S.D. = 0.6 on 4 of 4 obs.

* NOV 24, 1992 07h 48m 56.20 ± 1.20s
47.367 N ± 13.5km 14.799 E ± 7.9km
DEPTH = 10.0km (geophysicist)
AUSTRIA (546)
ML 3.2 (BRA), 2.9 (VIE). Felt
(IV) at Troföich.

KBA 1.03 254 iPg 49 15.70 -0.1
iSg 49 30.20
VKA 1.36 48 iPg 49 21.40 0.2
iSg 49 38.30
GEC2 1.65 334 Pg 49 25.50 0.1
Sg 49 45.70
ZST 1.76 61 iPd 49 27.30 0.4
e(Sn) 49 52.40
Lg 49 53.40
KHC 1.94 336 ePg 49 30.00 0.4
Sg 49 53.00
WTTA 2.15 268 iPg 49 36.80 4.0X
i 49 37.80
iSg 50 05.20
WATA 2.19 270 iPg 49 37.70 4.4X
iSg 50 07.00
VRAC 2.28 31 ePn 49 33.60 -0.9
0.4s 23.40nm
e 49 34.50
iSg 50 02.70

24d 07h

SQTA 2.45 268 iPg 49 42.50 5.6X
 iSg 50 15.80
 PRU 2.63 356 ePg 49 43.30 3.9X
 0.5s 17.40nm
 Sn 50 06.50
 Sg 50 16.70
 S.D. = 0.6 on 6 of 10 obs.

% NOV 24, 1992 08h 26m 43.40±1.63s
 43.270 N ±11.3km 18.926 E ±7.9km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.0 (TTG).

PLE 0.35 80 iPg 26 50.76 0.2
 iSg 26 56.03
 NKY 0.46 173 iPg 26 52.63 -0.1
 iSg 26 59.29
 BRY 0.46 217 iPg 26 52.71 -0.1
 iSg 26 59.85
 IVA 0.82 119 iPg 26 58.89 -0.4
 iSg 27 11.09
 TTG 0.87 164 iPg 27 00.23 0.0
 iSg 27 12.66
 MCY 0.88 201 iPg 27 00.15 -0.1
 iSg 27 13.11
 BDV 0.99 184 iPg 27 02.43 0.3
 iSg 27 16.56
 PVY 1.02 131 iPg 27 02.75 -0.1
 iSg 27 17.70
 ULC 1.33 170 iPg 27 08.28 0.4
 iSg 27 27.78
 S.D. = 0.3 on 9 of 9 obs.

* NOV 24, 1992 09h 05m 22.72±1.16s
 44.791 N ±9.0km 14.861 E ±14.0km
 DEPTH = 10.0km (geophysicist)
 ADRIATIC SEA (382)
 MD 2.5 (LJU).

VBY 0.77 21 ePg 05 37.30 -0.4
 iSg 05 47.30
 CEY 1.00 342 ePg 05 41.90 0.3
 eSg 05 57.00
 TRI 1.20 320 e(Pg) 05 56.20 11.1X
 e(Sg) 06 00.60
 PTJ 1.35 35 e(P) 05 47.90 0.2
 VOY 1.42 332 ePn 05 48.40 -0.2
 eSn 06 08.80
 HVAR 1.98 144 ePn 05 56.60 0.0
 iSn 06 24.10
 S.D. = 0.4 on 5 of 6 obs.

& NOV 24, 1992 09h 06m 26.9Bs
 34.144 N 116.880 W
 DEPTH = 9.6km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.8 (PAS), 3.6 (GS).
 Felt (IV) at Yucaipa. Felt (III)
 at Colimesa and Highland.

PEC 0.34 223 iPg 06 33.45 -0.6
 SSK 0.68 276 iPg 06 39.46 -1.1
 PLM 0.79 179 iPd 06 41.57 -0.9
 GSC 1.16 3 iPg 06 48.07 -0.6
 ISA 2.00 320 ePn 06 59.89 -1.5
 ePg 07 02.46
 GLA 2.03 122 iPnc 07 00.35 -1.4
 ABL 2.06 291 ePn 07 01.18 -1.1
 eS 07 29.22
 BCH 2.84 292 ePn 07 12.17 -1.2
 PKEM 3.27 307 (P) 07 20.14 0.8
 PHAM 3.35 301 ePn 07 18.44 -2.0
 MTUM 3.48 337 ePn 07 22.06 -0.5
 ePg 07 30.66
 MRCM 3.76 340 ePn 07 26.62 0.1
 ePg 07 37.10
 MMPM 3.87 334 ePn 07 27.54 -0.7
 ePg 07 37.52
 eS 08 25.79
 MEMM 3.89 335 ePn 07 27.39 -0.7
 ePg 07 37.95
 S 08 25.66
 TNP 3.94 356 ePn 07 28.25 -0.8
 iPg 07 39.36
 BONR 3.97 344 ePn 07 29.50 -0.1
 ePg 07 41.33

ARUT 4.58 37 ePn 07 36.76 -1.4
 iPg 07 51.63
 CMB 4.81 325 ePn 07 39.57 -1.7
 Lg 08 56.59
 ARN 4.95 312 eP 07 42.73 -0.5
 MSU 5.78 40 ePn 07 53.76 -1.4
 DUG 6.86 27 (Pn) 08 09.26 -0.9
 Lg 10 03.02
 SRU 7.12 44 ePn 08 13.44 -0.5
 Lg 10 10.01
 PV10 7.61 54 ePn 08 18.82 -2.1
 Lg 10 24.36
 PV09 7.61 53 ePn 08 19.36 -1.6
 Lg 10 27.06
 PV08 7.98 54 ePn 08 24.77 -1.3
 25 obs. associated

& NOV 24, 1992 09h 34m 36.37s
 39.720 N 122.084 W
 DEPTH = 15.9km
 NORTHERN CALIFORNIA (36)
 <GM-P>. MD 3.1 (GM).

ORV 0.48 110 iPg 34 45.85 -0.1
 eS 34 52.09
 LMEM 0.91 26 eP 34 53.06 -0.3
 WDC 0.93 338 eP 34 51.18 -2.4
 eS 35 02.50
 LGPM 1.32 335 eP 34 57.43 -2.8
 NTYM 1.40 199 eP 34 59.87 -1.3
 HMR 1.58 172 ePn 35 02.21 -1.5
 LBFM 1.63 5 ePn 35 03.49 -1.3
 FHC 1.81 307 (P) 35 08.08 0.9
 CMB 2.14 141 ePn 35 12.00 0.0
 ARN 2.41 169 ePn 35 14.10 -1.6
 COE 2.48 172 (P) 35 15.65 -1.1
 KVN 3.16 101 ePn 35 27.74 1.2
 ePg 35 35.27
 BONR 3.44 120 ePn 35 35.29 4.6
 MTUM 3.63 129 (P) 35 34.13 0.8
 MSU 7.80 96 eP 36 31.19 -0.9
 15 obs. associated

? NOV 24, 1992 12h 00m 34.44±10.15s
 18.972 N ±69.2km 67.229 W ±48.1km
 DEPTH = 33.0km (normal)
 MONA PASSAGE (89)
 MD 4.3 (MPR). Felt at San Juan,
 Puerto Rico.

MCP 0.56 168 iP 00 45.90 0.0
 S 00 51.90
 APR 0.70 137 iP 00 47.75 -0.1
 S 00 55.91
 MGP 0.97 172 iP 00 51.75 0.0
 PORP 1.07 148 iP 00 52.75 -0.4
 S 01 05.24
 CLLP 1.08 145 iP 00 53.25 -0.1
 S 01 06.04
 CSB 1.22 124 iP 00 55.25 -0.1
 SJG 1.33 130 iP 00 57.00 0.1
 S 01 12.51
 LPR 1.45 117 iP 00 58.25 -0.4
 S 01 14.76
 CPD 1.55 126 iP 01 00.50 0.4
 S 01 18.20
 S.D. = 0.3 on 9 of 9 obs.

NOV 24, 1992 12h 03m 35.88±0.25s
 1.355 N ±4.4km 101.323 W ±5.1km
 DEPTH = 10.0km (geophysicist)
 5.2mb (28 obs.) 5.4Msz (24 obs.)
 EAST CENTRAL PACIFIC OCEAN (693)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 33S, 76C
 Centroid Location:
 Origin Time 12:03:39.0 0.3
 Lat 1.52N 0.03 Lon 101.26W 0.03
 Dep 15.0 FIX Half-duration 1.9
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=-1.44 0.10 Mtt=1.30 0.09
 Mff=0.14 0.14 Mrt=-0.71 0.30
 Mrf=-1.16 0.33 Mtf=3.88 0.09
 Principal Axes:
 T Vol=4.90 Plg=12 Azm=139
 N -1.60 72 11

P -3.31 14 23:
 Best Double Couple: Mo=4.1×10¹⁷
 NP1: Strike=275 Dip=72 Slip=-
 NP2: 5 88 -16:

0XX 16.27 16 iP 07 31.20 4.8:
 III 17.01 6 iP 07 40.30 4.5:
 PPM 17.80 8 iP 07 50.00 4.0:
 UNM 17.99 7 (P) 07 52.70 4.6:
 MRX 18.24 0 (P) 07 54.80 3.9:
 AGX 20.42 357 (P) 08 20.00 3.9
 MZX 22.27 348 (P) 08 36.50 1.7
 PSO 23.99 90 eP 08 52.00 -0.2
 BOG 27.41 83 eP 09 20.00 -4.3:
 eS 14 13.00
 SDV 31.45 75 iPg 10 01.30 1.1
 TUC 32.05 345 eP 10 05.05 -0.1
 0.9s 32.62nm 5.3mb
 Z 20s 7.70um 5.4Msz
 TOV 32.45 74 eP 10 08.20 -0.6
 UYO 33.27 10 iPd 10 15.00 -0.6
 WMOK 33.30 4 eP 10 14.46 -1.4
 1.2s 20.35nm 4.9mb
 Z 20s 4.25um 5.2Msz
 MEO 33.35 4 iPg 10 15.90 -0.5
 ALQ 33.76 352 ePg 10 19.62 -0.5
 1.3s 32.51nm 5.1mb
 Z 20s 12.95um 5.6Msz
 MIAR 33.80 12 eP 10 19.45 -0.8
 1.0s 68.48nm 5.5mb
 Z 21s 1.68um 4.7Msz
 FNO 33.93 6 iPd 10 20.80 -0.5
 GLA 33.99 339 ePd 10 22.19 0.2
 OCO 34.18 6 iPg 10 23.60 0.0
 ARE 34.36 122 e(P) 10 26.00 0.3
 TUL 34.76 8 eP 10 27.80 -0.7
 1.4s 166.60nm 5.7mb
 Z 18s 1.60um 4.8Msz
 e 15 07.00
 e 18 19.00
 LR 23 12.00
 LNO 34.76 8 eP 10 27.80 -0.6
 PLM 35.01 337 eP 10 30.77 -0.2
 OLY 35.19 14 eP 10 31.42 -0.8
 ACO 35.23 3 iPd 10 32.30 -0.2
 PEC 35.60 337 eP 10 35.23 -0.6
 1.2s 28.25nm 5.0mb
 SSK 36.09 337 eP 10 40.25 0.1
 GSC 36.72 339 ePd 10 45.94 0.7
 HBF 37.07 30 eP 10 49.93 1.9
 PRM 37.08 27 eP 10 48.33 0.2
 SGS 37.21 30 eP 10 50.25 1.0
 ABL 37.27 335 eP 10 50.11 0.1
 LPB 37.30 120 P 10 51.00 0.3
 Z 18s 6.87um 5.5Msz
 S 16 44.00
 e 19 26.00
 LR 22 18.00
 ELC 37.45 16 eP 10 51.54 0.3
 CNCB 37.52 120 P 10 53.00 0.3
 PV10 37.52 350 ePc 10 51.01 -1.1
 PV08 37.65 351 eP 10 53.19 -0.1
 PV09 37.65 350 eP 10 53.01 -0.3
 ISA 37.67 337 eP 10 53.97 0.8
 1.2s 70.48nm 5.3mb
 Z 18s 7.92um 5.5Msz
 JSC 37.74 28 eP 10 54.27 0.6
 FVM 37.80 14 ePd 10 53.68 -0.5
 0.9s 39.13nm 5.2mb
 Z 17s 1.89um 4.9Msz
 TKL 37.83 24 eP 10 54.80 0.4
 BCH 37.92 335 ePc 10 55.78 0.4
 ARUT 37.93 344 eP 10 56.33 0.8
 LHS 38.12 28 eP 10 57.37 0.5
 MSU 38.29 346 ePc 10 59.35 0.7
 (PcP) 13 17.96
 GOL 38.34 355 ePd 10 58.97 -0.1
 1.1s 47.23nm 5.1mb
 Z 18s 10.51um 5.7Msz
 GLD 38.38 355 eP 10 59.41 0.2
 SRU 38.51 348 ePc 11 00.32 0.0
 PHAM 38.61 335 eP 11 01.77 0.7
 PKEM 38.68 335 (P) 11 01.85 0.3
 MTUM 39.19 338 eP 11 06.70 0.6
 EMUT 39.24 348 ePc 11 06.98 0.4
 CCH 39.35 120 P 11 07.00 -0.8
 TNP 39.36 340 ePc 11 07.95 0.4

MRCM	39.45	338 eP	11 09.10	0.8	MCW	50.65	342 eP	12 38.02	0.7	HYB	161.35	0 ePKP	23 35.00	-3.6X
MMPM	39.59	338 eP	11 09.74	0.1	PGC	50.82	341 eP	12 38.00	-0.5			e	24 22.00	
MEMM	39.61	338 eP	11 10.12	0.9	C8M	53.82	28 P	13 10.00	9.0X	S.D. = 0.8 on 143 of 176 obs.				
BONR	39.63	338 eP	11 10.28	0.4	Z 21s	5.24um		5.6Msz						
DAU	39.91	348 eP	11 12.60	0.4	LPA	54.29	136 eP	13 05.00	0.4					
DUG	40.05	346 ePc	11 13.84	0.7	Z 20s	5.67um		5.6Msz						
	1.0s	27.65nm		4.9mb		iS	20 48.00							
CEH	40.08	28 eP	11 13.31	0.1	LMN	54.66	31 eP	13 11.00	3.7X					
	1.3s	85.96nm		5.3mb	BAO	55.32	110 e(P)	13 09.00	-3.7X					
Z 21s	4.98um			5.3Msz		e	13 11.20							
COE	40.36	335 eP	11 16.30	0.8		e	13 12.80							
ARN	40.37	335 ePc	11 15.90	0.2		e	13 16.80							
NAV	40.48	26 eP	11 15.96	-0.6		e	13 21.10							
CMB	40.49	337 (P)	11 17.87	1.2		e	13 24.00							
	1.3s	29.28nm		4.8mb	BDF	55.41	110 e(P)	13 10.00	-3.4X					
Z 19s	3.36um			5.2Msz		e	13 13.10							
KVN	40.53	340 eP	11 18.29	1.1		e	13 16.00							
HMR	41.17	335 eP	11 23.45	1.4	JAO	56.38	18 eP	13 19.00	-0.6					
HVU	41.54	347 eP	11 25.84	0.4	FCC	57.53	4 eP	13 32.00	4.4X					
NTYM	41.73	335 eP	11 26.90	0.2	HON	58.63	294 P	13 50.00	14.1X					
ORV	42.24	337 eP	11 31.48	0.6	Z 21s	3.31um		5.4Msz						
PTI	42.50	348 eP	11 33.34	0.1	YKA	61.80	353 P	13 55.00	-2.0					
JFWS	42.55	12 eP	11 32.22	-1.2		1.1s	39.00nm		5.5mb					
	0.8s	32.90nm		5.1mb	SIT	61.80	340 P	14 10.00	12.9X					
Z 20s	2.56um			5.1Msz		Z 20s	2.45um		5.4Msz					
	(PcP)				KLU	68.77	339 eP	14 41.96	-0.1					
HJA	42.64	127 ePd	11 34.20	-0.2	TOA	69.26	339 eP	14 31.30	-13.8X					
RSSD	42.65	357 ePc	11 34.84	0.4	SLKM	69.78	337 eP	14 47.76	-0.5					
	1.6s	267.87nm		5.7mb	PMR	70.02	338 eP	14 37.80	-11.8X					
Z 20s	8.88um			5.6Msz		1.3s	141.00nm		5.2mb					
	ePcP				PMR	70.02	338 eP	14 49.10	-0.5					
MCWV	42.85	25 P	11 50.00	14.1X		1.3s	126.20nm		5.9mb					
Z 20s	2.34um			5.1Msz		Z 19s	1.98um		5.4Msz					
HHA1	42.91	348 eP	11 36.70	0.2	CRP	70.99	337 eP	14 54.84	-0.9					
SIV	43.33	115 eP	11 40.00	-0.2	BGL	71.08	337 eP	14 55.74	-0.5					
WDC	43.53	336 eP	11 40.28	-1.1	AFI	71.39	255 eP	14 49.00	-9.8X					
	1.2s	33.36nm		5.0mb	FBA	71.64	341 eP	14 59.72	0.3					
Z 20s	2.58um			5.1Msz		1.1s	23.42nm		5.2mb					
LGPM	43.92	336 eP	11 44.92	0.1	SVW	72.31	336 eP	15 02.43	-1.1					
LBFM	43.93	338 eP	11 44.82	-0.1		1.4s	169.71nm		5.9mb					
PEL	44.86	143 eP	11 51.00	-1.3	TTA	73.43	337 eP	15 08.86	-1.2					
	1.4s	55.81nm		5.3mb		1.3s	22.73nm		5.1mb					
LRM	45.35	349 ePc	11 56.00	-0.4	IMA	74.30	340 eP	15 14.63	-0.5					
MDZ	45.81	141 i(P)	11 59.80	-0.2		1.7s	53.17nm		5.3mb					
LVNJ	46.05	28 eP	12 01.99	0.4	MBC	75.50	356 eP	15 21.50	-0.2					
HBO	46.25	339 P	12 03.13	-0.2		1.2s	38.00nm		5.3mb					
TBR	46.56	28 eP	12 05.78	0.1	ANM	77.87	337 eP	15 36.08	0.9					
BFO	46.73	340 P	12 07.53	0.3	BRW	78.16	344 eP	15 36.63	0.1					
LNOR	46.77	344 P	12 06.32	-1.0	MBO	84.21	76 eP	16 11.40	1.9					
CROR	46.79	341 P	12 07.64	0.1	SMY	85.63	323 P	16 30.00	14.1X					
JBO	46.85	342 P	12 08.24	0.3	Z 20s	3.26um		5.7Msz						
VGB	47.20	341 eP	12 10.62	-0.1	SPA	91.35	180 iPd	16 44.60	1.5					
PATW	47.21	342 P	12 11.39	0.7		1.1s	14.88nm		5.2mb					
VLL	47.44	341 P	12 13.01	0.3	TIC	96.10	83 P	17 06.10	0.3					
W1W	47.57	343 P	12 13.31	-0.2	LIC	96.11	84 P	17 06.10	0.3					
RSW	47.62	343 P	12 14.15	0.1	KIC	96.39	83 P	17 07.60	0.5					
TCA	47.67	136 eP	12 12.50	-2.2	GEC2	105.17	38 ePd	17 50.10	4.2X					
GBL	47.77	343 P	12 15.00	-0.1		1.1s	1.23nm		4.8mb					
MDW	47.87	343 P	12 15.99	0.0	HHC	128.43	328 ePKP	22 46.80	1.7					
WAH2	47.94	343 P	12 16.27	-0.2	Z 24s	1.62um		5.6MszX						
CRF	47.95	343 P	12 16.10	-0.5	TIY	130.16	325 ePKP	22 54.00	5.6X					
KMOR	48.22	339 P	12 19.75	1.0	Z 34s	2.75um		5.7MszX						
EBG	48.38	342 P	12 20.34	0.4	N 24s	3.59um								
TDL	48.40	341 P	12 20.30	0.1	WMQ	134.31	351 ePKP	22 55.00	-1.1					
ERK	48.40	341 P	12 19.42	-0.8	XAN	134.76	324 ePKP	22 53.00	-4.2X					
EPH	48.49	343 P	12 20.34	-0.5	Z 35s	1.93um		5.6MszX						
DPW	48.59	345 ePc	12 20.72	-0.8	GTA	135.03	337 ePKP	23 02.50	4.8X					
TBM	48.62	343 P	12 21.76	-0.1	Z 30s	2.35um		5.7MszX						
LON	48.62	341 eP	12 20.36	-1.5	LZH	135.98	330 ePKP	23 01.00	1.3					
NEW	48.68	346 eP	12 20.93	-1.3	Z 22s	1.53um		5.7Msz						
HRV	48.89	29 P	12 30.00	6.2X	N 17s	0.85um								
Z 20s	4.87um			5.5Msz	GYA	141.35	318 PKP	23 07.60	-2.1					
WTV	48.91	343 P	12 23.41	-0.6	KMI	144.84	320 ePKP	23 15.00	-0.9					
ETW	48.93	343 P	12 23.83	-0.5	Z 20s	1.90um		5.9Msz						
ULM	48.93	5 eP	12 25.50	1.4	LSA	146.90	340 ePKP	23 20.20	0.7					
EEO	49.11	20 eP	12 29.00	3.5X	GUN	150.09	347 PKP	23 28.48	4.1X					
RSNY	49.12	25 ePc	12 26.90	1.3		1.1s	305.00nm							
	1.3s	47.67nm		5.4mb	NDI	150.10	3 ePKP	23 28.00	4.1X					
Z 21s	2.62um			5.2Msz	GKN	150.25	349 PKP	23 28.30	3.9X					
CPW	49.25	340 P	12 26.66	0.8		1.6s	335.00nm							
NLW	49.36	343 P	12 27.04	-0.6	KKN	150.34	348 PKP	23 28.64	4.0X					
SES	49.55	352 ePc	12 28.00	-0.9	PKI	150.52	348 PKP	23 28.68	3.6X					
	1.6s	215.00nm		5.9mb	DMN	150.55	348 PKP	23 30.62	5.6X					
GMW	49.64	341 eP	12 28.51	-1.1	CHG	151.74	316 ePKP	23 27.80	1.1					
JCW	49.94	342 P	12 30.70	-1.2	BDT	152.74	314 ePKP	23 30.00	2.0					
RPW	50.04	343 P	12 31.30	-1.4	NST	152.87	309 ePKP	23 39.00	10.7X					

S.D. = 0.8 on 143 of 176 obs.				
& NOV 24, 1992 12h 13m 19.80s				
36.320 N 89.470 W				
DEPTH = 4.6km				
NEW MADRID, MISSOURI REGION (486)				
<SLM-P>. MD 2.7 (SLM).				
GRT	0.07	147 eP	13 21.53	0.1
B8TN	0.07	9 iPc	13 20.87	-0.6
OGTN	0.10	353 iPc	13 22.23	0.3
		S	13 23.89	
LDMO	0.12	320 iPc	13 22.49	0.2
		S	13 24.62	
ACTN	0.13	78 iPd	13 22.82	0.3
		S	13 24.76	
MFTN	0.17	159 iPc	13 23.45	0.1
		S	13 25.26	
NRMS	0.19	330 iPc	13 23.72	0.0
		S	13 26.47	
HATI	0.22	229 iPd	13 24.23	0.0
NMTO	0.28	346 ePc	13 25.31	-0.1
CRU	0.45	53 eP	13 28.44	-0.5
		S	13 35.89	
DWM	0.48	358 ePd	13 28.87	-0.6
WGAR	0.75	232 eP	13 34.42	-0.3
DON	0.93	337 eP	13 36.67	-1.4
ELC	0.98	11 eP	13 37.55	-1.4
GOIL	1.20	36 eP	13 41.63	-1.1
		S	13 58.25	
OLY	1.82	244 eP	13 50.53	-1.5
FVM	1.83	336 eP	13 51.90	-0.3
		S	14 14.89	
NHIL	1.91	33 eP	13 53.22	-0.1
BPIL	2.00	20 eP	13 55.02	0.3
WDIN	2.26	38 eP	13 58.25	-0.1
20 obs. associated				
* NOV 24, 1992 12h 52m 13.89±1.35s				
31.434 S ±17.7km 69.194 W ±9.3km				
DEPTH = 120.0km (geophysicist)				
SAN JUAN PROVINCE, ARGENTINA (137)				
MD 4.1 (SAN).				
ZON	0.45	104 iPd	52 32.00	0.1
		eS	52 44.00	
CFA	0.83	102 ePc	52 34.70	0.0
		S	52 48.40	
JACH	1.72	223 iP	52 45.02	0.6
		iS	53 09.34	
FCH	2.10	206 iPd	52 50.75	1.3
		iS	53 19.00	
PEL	2.12	216 iPd	52 50.00	0.6
		iS	53 16.86	
ROCH	2.17	225 iP+	52 49.99	-0.3
		iS	53 17.99	
PCH	2.45	207 iPd	52 54.44	0.8
		iS	53 27.17	
TACH	2.66	213 iP+	52 55.91	-0.4
		iS	53 29.86	
CHCH	2.78	206 iP	52 58.16	0.2
		iS	53 32.73	
LCCH	2.86	224 iP	52 58.04	-0.9
CACH	2.93	204 iP	53 00.35	0.3
		iS	53 37.32	
MRA	3.12	109 iPc	53 02.30	-0.1
		S	53 37.00	
LNV	3.13	216 iP	53 01.04	-1.6
		iS	53 37.51	
RFA	3.38	170 ePd	53 05.40	-0.7
		S	53 43.30	
S.D. = 0.8 on 14 of 14 obs.				
* NOV 24, 1992 13h 22m 09.47±1.11s				
18.499 S ±12.5km 69.624 W ±11.5km				
DEPTH = 150.9 ±13.4 km				
NORTHERN CHILE (123)				
CNCB	2.30	43 P	22 49.50	0.3
LPB	2.44	37 P	22 51.00	0.2
		S	23 22.00	
ARE	2.70	318 iPc	22 53.80	-0.1
		iS	23 28.80	
CCH	3.50	72 eP	23 03.00	-1.1
HJA	6.13	141 iPd	23 39.00	0.2

24d 13h

SIV 8.54 74 P 24 12.00 0.7
 KIC 68.55 75 (P) 32 58.00 -0.2
 WRA 135.14 213 Pdiff 38 33.00 17.6X
 0.6s 0.20nm
 S.D. = 0.8 on 7 of 8 obs.

% NOV 24, 1992 14h 02m 29.01 ± 2.89s
 43.856 N ± 16.9km 7.061 E ± 13.6km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)

STV 0.43 26 P 02 37.74 -0.1
 S 02 46.90
 ENR 0.45 35 P 02 38.06 -0.2
 S 02 47.72
 IMI 0.60 85 P 02 40.67 -0.5
 S 02 51.75
 PZZ 0.65 3 P 02 41.72 -0.4
 S 02 53.97
 ROB 0.73 53 P 02 43.23 -0.2
 S 02 56.11
 FIN 0.90 67 P 02 46.89 0.6
 S 03 00.49
 RRL 1.08 350 P 02 49.85 0.3
 PCP 1.27 57 P 02 53.03 0.4
 S.D. = 0.5 on 8 of 8 obs.

% NOV 24, 1992 14h 07m 42.42 ± 0.75s
 42.278 N ± 5.6km 19.434 E ± 5.4km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.4 (TTG).

TTG 0.20 320 iPgc 07 47.86 1.1
 ISg 07 51.93
 ULC 0.34 204 iPgd 07 49.69 0.2
 ISg 07 55.44
 BDV 0.45 271 iPgc 07 51.66 0.1
 ISg 07 58.74
 PVY 0.51 51 iPgd 07 52.79 0.0
 ISg 08 01.18
 NKY 0.62 329 iPgc 07 54.56 -0.5
 ISg 08 04.26
 IVA 0.69 30 iPgc 07 55.88 -0.2
 ISg 08 06.86
 HCY 0.71 284 iPgc 07 55.90 -0.6
 ISg 08 06.86
 BRY 0.90 314 iPgd 07 59.58 -0.3
 ISg 08 13.43
 PLE 1.05 358 iPgc 08 02.48 0.2
 ISg 08 18.40
 S.D. = 0.6 on 9 of 9 obs.

? NOV 24, 1992 14h 33m 21.84 ± 1.15s
 40.617 N ± 11.3km 23.047 E ± 7.9km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

THE 0.06 284 ePg 33 24.00 -0.1
 eSg 33 25.68
 SOH 0.31 49 ePg 33 28.16 -0.2
 ISg 33 33.96
 KNT 0.56 348 iPg 33 33.32 0.2
 eSg 33 41.72
 OUR 0.77 111 ePg 33 36.88 0.1
 S.D. = 0.3 on 4 of 4 obs.

% NOV 24, 1992 14h 33m 36.79 ± 0.79s
 42.267 N ± 6.0km 19.458 E ± 5.5km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.5 (TTG).

TTG 0.22 318 iPgc 33 42.17 0.7
 ISg 33 46.37
 ULC 0.34 207 iPgc 33 44.02 0.2
 ISg 33 50.02
 BDV 0.47 272 iPgd 33 46.32 0.0
 ISg 33 53.97
 PVY 0.50 49 iPgd 33 47.09 0.1
 ISg 33 55.17
 NKY 0.64 328 iPgc 33 49.71 0.0
 ISg 33 59.14
 IVA 0.69 28 iPgd 33 50.16 -0.3
 ISg 34 00.81
 HCY 0.73 285 iPgd 33 50.50 -0.7
 ISg 34 01.96

BRY 0.93 313 iPgd 33 54.59 0.0
 ISg 34 08.77
 S.D. = 0.5 on 8 of 8 obs.

? NOV 24, 1992 15h 43m 15.77 ± 2.65s
 5.998 S ± 24.6km 146.465 E ± 27.6km
 DEPTH = 120.7 ± 21.4 km
 4.3mb (1 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY 0.55 244 iPc 43 34.60 0.1
 eS 43 49.80
 LAT 0.85 141 iPc 43 37.30 0.6
 MDG 1.01 317 iPc 43 37.90 -0.3
 PMG 3.46 169 IPd 44 08.10 -0.8
 eS 44 49.00
 WB2 18.19 219 IPd 47 22.40 0.4
 0.4s 7.30nm 4.3mb
 S.D. = 1.1 on 5 of 5 obs.

% NOV 24, 1992 15h 58m 05.20 ± 3.15s
 34.488 S ± 20.6km 70.376 W ± 13.2km
 DEPTH = 6.2 ± 4.8 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

CACH 0.41 333 IPd 58 13.83 0.3
 (S) 58 18.69
 CHCH 0.60 337 IP+ 58 17.37 0.2
 IS 58 25.25
 PCN 0.87 352 IP 58 21.98 -0.4
 IS 58 33.44
 TACH 0.95 331 IP+ 58 23.51 -0.2
 IS 58 36.27
 LNV 1.01 301 IP+ 58 24.50 -0.1
 IS 58 37.95
 FCH 1.16 4 IP+ 58 27.15 -0.3
 IS 58 42.80
 PEL 1.37 349 IPd 58 30.56 -0.2
 IS 58 49.02
 LCCH 1.42 315 IP+ 58 31.45 0.0
 IS 58 50.15
 ROCH 1.60 341 eP 58 34.51 0.2
 IS 58 56.25
 JACH 1.81 354 IPd 58 38.03 0.8
 IS 59 01.89
 S.D. = 0.4 on 10 of 10 obs.

* NOV 24, 1992 16h 20m 48.53 ± 1.12s
 20.165 S ± 8.2km 169.501 E ± 12.2km
 DEPTH = 135.3 ± 9.8 km
 4.4mb (6 obs.)

VANUATU ISLANDS (186)

PVC 2.66 335 IP 21 32.20 0.7
 IS 22 06.00
 BKM 2.75 334 IPd 21 32.50 -0.3
 IS 22 06.50
 DZM 3.43 236 IPc 21 41.10 -0.6
 IS 22 20.80
 ARMA 19.09 234 IPc 25 04.60 1.2
 0.6s 13.00nm 4.4mb
 NOZ 19.82 160 eP 25 10.00 -0.6
 RMQ 20.05 248 eP 25 14.30 1.1
 0.3s 10.00nm 4.7mb
 MNG 21.02 167 P 25 22.10 -0.7
 LTZ 22.67 175 eP 25 39.50 0.5
 CNB 23.29 225 eP 25 46.40 1.3
 0.9s 18.00nm 4.5mb
 BWA 23.45 228 eP 25 45.90 -0.7
 CAN 23.54 226 eP 25 48.00 0.5
 CMS 24.05 237 eP 25 53.00 0.5
 0.8s 7.00nm 4.2mb
 STKA 27.57 239 eP 26 28.70 3.9X
 WB2 32.98 264 IPc 27 10.70 -2.0
 0.5s 4.70nm 4.5mb
 WRA 32.99 264 P 27 11.10 -1.7
 1.0s 1.40nm 3.7mb
 KHC 145.26 332 ePKP 40 10.50 -1.1
 1.0s 7.00nm
 e 40 23.50
 e 40 45.50
 SKD 145.37 316 iPKP 40 11.20 -0.7
 i 40 46.00
 GEC2 145.42 332 ePKPc 40 10.80 -1.1
 0.8s 6.58nm
 e 40 43.10

GRF 145.83 335 e 40 46.10
 ePKP 40 12.70 0.2
 ePKP 40 46.40
 OHR 146.20 315 iPKP 40 13.50 0.1
 VBY 147.00 326 e(PKP) 40 15.70 1.2
 e 40 49.00
 WLF 147.71 340 PKPc 40 18.00 2.6
 DOU 147.81 342 PKP 40 17.80 2.2
 S.D. = 1.2 on 21 of 23 obs.

? NOV 24, 1992 16h 39m 40.20 ± 0.76
 19.260 N ± 11.9km 145.629 E ± 29.2k
 DEPTH = 33.0km (normol)
 4.5mb (3 obs.)
 MARIANA ISLANDS (216)

MAT 18.41 341 eP 43 56.00 1.4
 WB2 40.50 196 IPd 47 18.90 1.1
 0.3s 39.80nm 5.6mb
 DZM 45.84 153 IPd 48 02.50 1.3
 MBL 47.45 213 eP 48 10.30 -3.5
 0.4s 7.00nm 5.0mb
 WARB 48.79 203 IPd 48 24.90 0.7
 CMS 50.45 180 eP 48 36.10 -0.7
 0.7s 3.00nm 4.4mb
 BAL 56.85 210 eP 49 22.80 -1.3
 KLB 57.20 208 eP 49 25.30 -1.2
 MBC 72.63 14 eP 51 04.50 -1.4
 YKA 77.53 28 eP 51 32.40 -1.6
 0.5s 1.20nm 4.2mb
 LPB 147.82 91 (PKP) 59 26.00 4.3
 CNCB 147.98 91 PKP 59 24.00 1.9
 S.D. = 1.6 on 10 of 12 obs.

NOV 24, 1992 17h 41m 20.91 ± 0.81
 31.205 S ± 9.4km 68.557 W ± 7.0k
 DEPTH = 120.7 ± 9.8 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.2 (SAN).

RTLL 0.15 149 IPd 41 37.20 -0.8
 S 41 49.00
 ZON 0.36 197 IPd 41 38.00 -0.5
 eS 41 49.00
 CFA 0.48 146 IPc 41 38.90 -0.2
 S 41 50.00
 RTCV 0.65 179 IPd 41 40.00 -0.3
 RTBS 0.89 239 IPd 41 43.00 0.8
 (S) 41 55.00
 MDZ 1.69 188 IP 41 52.70 1.6
 IS 42 13.40
 RTPR 1.98 63 ePd 41 55.20 0.7
 JACH 2.27 229 IPd 41 59.16 0.7
 IS 42 28.03
 FCH 2.58 214 IPd 42 03.55 0.9
 IS 42 35.31
 PEL 2.64 222 IP 42 03.71 0.5
 eS 42 34.42
 MRA 2.71 117 ePc 42 04.20 0.2
 S 42 32.30
 ROCH 2.73 229 IPd 42 04.15 -0.4
 IS 42 37.31
 PCH 2.92 214 IP+ 42 07.93 1.0
 IS 42 43.58
 TACH 3.16 219 IP+ 42 09.85 -0.3
 IS 42 46.70
 CHCH 3.25 212 IPd 42 11.28 0.1
 IS 42 49.71
 CACH 3.38 210 IP+ 42 13.54 0.5
 (S) 42 56.90
 TCA 3.40 93 IP 42 13.00 -0.3
 (S) 42 50.50
 LCCH 3.41 228 IP 42 12.27 -1.1
 RFA 3.56 179 ePd 42 14.30 -1.1
 S 42 46.30
 LNV 3.65 221 IP+ 42 14.70 -1.9
 (S) 42 54.93
 CYA 3.65 42 IPc 42 16.70 0.0
 S.D. = 0.9 on 21 of 21 obs.

* NOV 24, 1992 17h 46m 28.19 ± 0.58
 6.934 S ± 8.4km 72.162 E ± 11.9kr
 DEPTH = 10.0km (geophysicist)
 4.8mb (6 obs.)
 CHAGOS ARCHIPELAGO REGION (426)

GBA 21.07 14 P 51 17.00 2.0

HYB 25.01 15 eP 51 54.00 0.2
DMN 36.55 19 P 53 37.44 1.0
PKI 36.62 20 P 53 37.08 0.0
GKN 36.76 19 P 53 38.42 0.4
CHC 36.77 45 eP 53 38.50 0.5
KKN 36.78 20 P 53 38.44 0.2
MRWA 46.82 124 eP 55 01.20 1.0
CYA 47.13 44 P 55 02.00 -0.8
1.0s 9.60nm 4.8mb

BAL 47.87 125 eP 55 08.80 0.3
LZH 52.12 33 eP 55 40.00 -1.1
1.4s 16.00nm 4.8mb
GTA 52.74 27 eP 55 44.50 -1.1
1.0s 9.00nm 4.7mb

BCAO 54.70 280 iPd 56 00.20 -0.2
0.9s 9.00nm 4.8mb

BTO 58.73 33 eP 56 27.60 -1.1
WRA 61.54 109 P 56 48.00 -0.3
0.8s 6.30nm 4.8mb

WB2 61.55 109 iPc 56 47.60 -0.7
0.8s 12.10nm 5.1mb
NVL 73.98 197 eP 58 06.00 0.7
KHC 75.55 325 eP 58 14.00 -0.8
e 58 18.00

S.D. = 0.9 on 18 of 18 obs.

% NOV 24, 1992 19h 09m 42.0±0.56s
42.451 N ± 5.2km 19.125 E ± 4.6km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 1.3 (TTG).

TTG 0.10 102 iPgc 09 45.99 1.2
iSg 09 48.86

BDV 0.28 233 iPgc 09 48.02 0.2
iSg 09 52.96

NKY 0.37 346 iPgd 09 50.00 0.3
iSg 09 56.44

HCV 0.46 270 iPgc 09 51.40 -0.1
iSg 09 59.02

ULC 0.50 169 iPgd 09 51.71 -0.4
iSg 09 59.02

BRY 0.62 317 iPgd 09 54.50 -0.1
iSg 10 04.31

PVY 0.64 77 iPgc 09 54.34 -0.7
iSg 10 04.41

IVA 0.71 53 iPgc 09 55.77 -0.3
iSg 10 06.34

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

% NOV 24, 1992 19h 20m 11.15±0.65s
33.158 S ± 5.9km 70.848 W ± 5.0km
DEPTH = 10.0km (geophysicist)

CHILE-ARGENTINA BORDER REGION (127)
MD 3.4 (SAN).

PEL 0.14 84 iPd 20 14.57 0.1
iS 20 17.13

ROCH 0.23 324 iP+ 20 16.18 -0.1
iS 20 21.27 0.0

FCH 0.50 110 iP 20 21.27 0.0
PCH 0.54 149 iPd 20 21.89 -0.2
LCCH 0.68 242 iP+ 20 24.69 0.0
iS 20 34.92

LNV 0.92 210 iP 20 28.76 0.0
CACH 0.98 168 iP 20 29.99 0.2
iS 20 44.40

S.D. = 0.1 on 7 of 7 obs.

NOV 24, 1992 19h 51m 41.35±0.54s
42.442 N ± 4.8km 19.105 E ± 4.5km
DEPTH = 10.0km (geophysicist)

NORTHWESTERN BALKAN REGION (383)
ML 1.9 (TTG).

TTG 0.12 96 iPgc 51 45.45 1.2
iSg 51 48.60

BDV 0.26 233 iPgd 51 47.41 0.6
iSg 51 52.40

NKY 0.38 348 iPgc 51 49.47 0.3
iSg 51 55.82

HCV 0.45 271 iPgc 51 50.43 -0.1
iSg 51 58.36

ULC 0.49 167 iPgd 51 50.61 -0.7
iSg 51 58.41

BRY 0.62 318 iPgc 51 53.37 -0.5
iSg 52 03.71

PVY 0.66 76 iPgc 51 54.06 -0.5
iSg 52 03.83
IVA 0.73 53 iPgc 51 55.38 -0.3
iSg 52 05.72
PLE 0.91 13 iPgd 51 58.96 0.1
iSg 52 12.52
S.D. = 0.7 on 9 of 9 obs.

% NOV 24, 1992 20h 10m 58.52s
61.333 N 151.945 W
DEPTH = 96.6km
SOUTHERN ALASKA (2)
<AEIC>.

CGLM 0.04 230 iPc 11 11.41 0.8
CRP 0.12 237 eP 11 11.84 1.0
eS 11 22.44

NGC 0.12 305 iPc 11 11.71 0.9
CKN 0.16 226 eP 11 11.76 1.0
eS 11 22.15

CP2 0.16 244 eP 11 12.08 1.1
SPU 0.16 199 iPc 11 11.60 0.8
eS 11 21.84

CKT 0.18 224 iPc 11 11.68 0.8
eS 11 22.30

BGL 0.23 252 eP 11 12.21 1.1
CKL 0.23 234 eP 11 12.08 1.0
BKG 0.31 210 eP 11 12.28 -0.8

SUA 0.59 77 iPc 11 14.62 -0.4
eS 11 27.50

SKT 0.68 17 iPc 11 15.00 -0.7
iS 11 27.72

NKA 0.68 150 eP 11 16.64 1.0
RDT 0.79 197 eP 11 15.84 -1.0
DFR 0.83 206 iPd 11 16.37 -0.9

NCT 0.91 212 iPd 11 17.50 -0.6
iS 11 32.40

RDN 0.91 206 eP 11 17.12 -1.1
REF 0.92 204 eS 11 17.44 -0.9

RDW 0.95 207 iPd 11 17.83 -0.8
RS2 0.96 205 ePd 11 17.85 -0.9
RSD 0.96 205 iPd 11 17.87 -0.9

RS1 0.96 205 iPd 11 17.94 -0.8
PWA 1.04 71 ePc 11 19.35 -0.1
PMS 1.15 93 iPc 11 20.31 -0.5

eS 11 36.85
SLKM 1.18 134 ePc 11 19.99 -1.1
ILIM 1.35 202 iPd 11 22.07 -1.1

PLRM 1.38 78 ePc 11 22.00 -1.4
PTE 1.49 107 iPc 11 23.47 -1.4
GHO 1.51 72 ePc 11 23.97 -1.3

eS 11 44.50
MPA 1.52 123 iPc 11 24.24 -1.0
S 11 43.83

KNK 1.68 86 ePc 11 25.78 -1.6
eS 11 47.66

HOM 1.69 175 eP 11 26.78 -0.6
SEW 1.74 134 eP 11 26.74 -1.3

SML 1.79 73 eP 11 27.04 -1.8
OPT 1.80 201 eP 11 28.07 -0.8
PDB 1.91 217 eP 11 29.43 -0.8

HUR 1.97 32 eP 11 29.39 -1.8
AUL 2.09 201 eP 11 32.34 -0.4
AUP 2.11 201 eP 11 32.59 -0.4

AUW 2.11 202 eP 11 32.40 -0.5
TRF 2.26 19 eP 11 34.07 -1.1
SCM 2.26 75 eP 11 33.28 -1.8

KNIM 2.29 114 eP 11 32.16 -3.1
LTI 2.39 121 ePc 11 33.95 -2.8
GLI 2.40 99 iPc 11 33.70 -3.1

MCNL 2.46 210 eP 11 36.71 -1.0
RND 2.53 33 eP 11 37.42 -1.3
CDD 2.56 200 eP 11 37.94 -1.0

VLZ 2.72 92 eP 11 38.63 -2.5
FID 2.72 100 eP 11 37.62 -3.6
SYI 2.74 185 eP 11 40.00 -1.4

TOA 2.86 72 eP 11 41.79 -1.3
KLU 2.90 84 ePc 11 41.08 -2.6
TZL 3.19 74 eP 11 46.11 -1.4

SDG 3.25 66 eP 11 47.37 -1.1
PAX 3.46 59 eP 11 50.86 -0.4
NEA 3.51 21 eP 11 50.35 -1.6

CCB 3.82 28 eP 11 54.04 -2.2
HDA 3.84 34 eP 11 56.17 -0.3
GLB 3.91 85 eP 11 55.83 -1.8

FBA 4.05 26 eP 11 58.98 -0.3

61 obs. associated

NOV 24, 1992 20h 21m 55.26±0.54s
39.569 N ± 6.0km 20.383 E ± 5.6km
DEPTH = 21.1 ± 4.8 km
GREECE-ALBANIA BORDER REGION (392)

IGT 0.05 227 iPg 21 58.80 -0.3
eSg 22 03.20

KZN 1.30 55 ePn 22 17.00 -1.3
VLS 1.40 173 ePn 22 20.70 1.1
FNA 1.43 32 ePb 22 19.96 -0.2
eSb 22 41.52

OHR 1.57 12 iPn 22 23.80 1.6
0.8s 171.00nm
iSg 22 46.70
Lg 22 50.00

AGG 1.61 109 ePb 22 22.61 -0.1
eSb 22 45.40
LIT 1.71 71 ePb 22 24.00 -0.1
eSb 22 48.16

GRG 2.08 47 ePn 22 30.24 0.8
VAY 2.42 43 iPn 22 34.40 0.1
KNT 2.49 50 ePn 22 35.93 0.5
eSb 23 05.96

SKO 2.53 18 iPn 22 37.00 1.1
1.4s 108.00nm
iSg 23 14.60
Lg 23 30.00

PAIG 2.57 81 ePn 22 35.96 -0.5
eSn 23 07.48
SOH 2.60 60 iPn 22 37.48 0.5
iSn 23 09.29

BRT 2.76 299 P 22 49.00 9.8
eSn 23 25.00

OUR 2.87 73 iPn 22 40.12 -0.6
SRS 2.90 57 ePn 22 41.20 0.1
eSn 23 15.96

VLI 3.49 144 ePn 22 06.40 -43.1
SOI 3.70 248 P 22 52.40 -0.1
eSn 23 33.60

VBY 7.03 329 e(Pn) 23 38.10 -1.5
e 24 56.90

S.D. = 0.9 on 17 of 19 obs.

* NOV 24, 1992 21h 54m 53.27±5.73s
44.430 N ± 19.9km 129.882 W ± 41.9km
DEPTH = 10.0km (geophysicist)

OFF COAST OF OREGON (30)
MD 2.7 (SEA).

TKO 4.66 76 P 56 05.00 -0.5
KMOR 4.69 73 P 56 04.92 -0.9

NLO 4.83 68 P 56 07.94 0.1
ONR 4.93 58 P 56 09.10 -0.1
BMW 5.11 64 P 56 11.32 -0.4

OOW 5.16 48 P 56 12.34 -0.1
OFK 5.21 46 P 56 13.06 0.1
FBO 5.24 89 P 56 13.98 0.4

OTR 5.30 44 P 56 14.68 0.3
SSOR 5.31 83 P 56 14.84 0.2
RVW 5.32 69 P 56 14.33 -0.4

CPW 5.37 59 P 56 15.01 -0.4
SMW 5.40 55 P 56 15.50 -0.4
OBC 5.40 46 P 56 15.79 -0.1

GT2 5.47 80 P 56 16.80 0.0
OSD 5.47 50 P 56 16.83 -0.2
CZM 5.56 66 P 56 17.81 -0.4

MTMW 5.65 71 P 56 19.00 -0.4
STD 5.69 69 P 56 19.92 -0.1
HSR 5.70 70 P 56 21.01 0.8

HDW 5.74 53 P 56 20.57 -0.1
MEW 5.77 59 P 56 21.76 0.9
CDFW 5.78 70 P 56 21.77 0.6

LMW 5.78 65 P 56 21.42 0.2
GMW 5.84 55 P 56 21.89 -0.1
BPO 5.86 85 P 56 22.67 0.2

VLL 5.91 77 P 56 23.66 0.6
GHW 5.93 61 P 56 23.33 0.1
GULW 6.05 73 P 56 25.21 0.3

VFP 6.05 79 P 56 25.56 0.5
RVC 6.08 63 P 56 26.01 0.5
ASR 6.10 71 P 56 25.59 -0.1

LON 6.12 65 P 56 25.96 0.0
REMR 6.12 64 P 56 26.18 0.0
GLK 6.19 67 P 56 27.33 0.3

RCS 6.21 64 P 56 27.88 0.3

24d 21h

FMW 6.27 64 P 56 28.22 -0.1
 WPW 6.28 66 P 56 27.96 -0.3
 GSM 6.30 61 P 56 29.04 0.5
 RMW 6.39 59 P 56 29.97 0.1
 MCW 6.46 46 P 56 30.50 -0.2
 HTW 6.57 56 P 56 31.98 -0.4
 VIPM 6.63 86 P 56 32.61 -0.7
 JCW 6.67 53 P 56 33.87 0.1
 CMW 6.69 51 P 56 34.24 0.2
 RPW 7.04 52 P 56 38.89 0.0
 JBO 7.20 78 P 56 40.57 -0.6

S.D. = 0.4 on 47 of 47 obs.

% NOV 24, 1992 22h 11m 44.46 ± 1.53s
 38.113 N ± 9.5km 26.790 E ± 13.5km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
 MD 3.3 (ISK).

IZM 0.47 52 iPg 11 53.30 -0.7
 eSg 11 59.30
 YER 1.54 129 ePn 12 11.90 -0.1
 EZN 1.75 348 ePn 12 14.50 -0.5
 DST 2.07 43 iPn 12 20.50 0.8
 EDC 2.38 20 ePn 12 24.00 -0.1
 BNT 2.41 21 ePn 12 25.00 0.5
 KCT 2.46 29 iPn 12 25.20 0.0

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

% NOV 24, 1992 22h 38m 16.69 ± 0.89s
 42.982 N ± 11.8km 17.742 E ± 6.7km
 DEPTH = 5.0km (geophysicist)

ADRIATIC SEA (382)
 ML 2.2 (TTG).

BRY 0.59 98 iPg 38 27.81 -0.8
 iSg 38 35.28
 HCY 0.77 134 iPg 38 31.27 -0.9
 iSg 38 42.92
 NKY 0.94 100 iPg 38 34.98 -0.2
 iSg 38 47.06
 HVAR 0.97 282 ePg 38 35.30 -0.3
 iSg 38 50.30
 BDV 1.06 131 iPg 38 36.57 -0.6
 iSg 38 52.98
 TTG 1.25 116 iPg 38 40.38 0.1
 iSg 38 57.55
 PLE 1.26 73 iPg 38 39.71 -0.9
 iSg 38 57.22
 ULC 1.51 132 iPg 38 45.36 0.9
 iSg 39 06.32
 IVA 1.59 93 iPg 38 46.66 1.1
 iSg 39 08.60
 PVY 1.69 102 iPnc 38 48.61 1.5
 iSn 39 12.01

S.D. = 1.0 on 10 of 10 obs.

NOV 24, 1992 23h 43m 03.29 ± 0.24s
 0.085 S ± 2.6km 122.828 E ± 3.6km
 DEPTH = 199.7 ± 2.2 km
 5.5mb (83 obs.)

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

Data Used: GDSN
 L.P.B.: 33S, 74C

Centroid Location:

Origin Time 23:43: 6.7 0.3

Lat 0.15N 0.03 Lon 123.04E 0.03

Dep 174.7 0.6 Half-duration 2.3

Moment Tensor: Scale 10¹⁷ Nm

Mrr = 8.07 0.17 Mtt = -5.09 0.17

Mff = -2.98 0.21 Mrt = 1.63 0.19

Mrr = 4.77 0.21 Mtf = 1.26 0.19

Principal Axes:

T Val = 10.10 Plg = 68 Azm = 290

N -4.37 21 124

P -5.73 5 32

Best Double Couple: Mo = 7.9 × 10¹⁷

NP1: Strike = 101 Dip = 44 Slip = 59

NP2: 321 53 117

PCI 3.10 255 iPc 43 54.50 0.0
 TNE 4.59 79 iP 44 08.80 -4.3X
 iS 44 50.00

MKS 6.10 213 iPc 44 33.00 0.4
 iS 45 19.00

AAI 6.45 124 ePd 44 37.50 0.4

TSM 6.59 311 eS 45 53.50
 ePd 44 37.00 -1.9
 S 45 53.00
 CTB 7.36 11 ePc 44 53.00 3.8X
 DAV 7.63 21 ePc 44 55.00 2.2
 1.7s *****nm 7.1mb X
 CGP 8.68 12 ePd 45 09.00 2.7X
 eS 46 48.50
 BIP 8.93 22 iPd 45 10.50 0.9
 iS 46 40.00
 KKM 8.98 313 ePd 45 12.00 1.7
 eS 46 52.50

TLE 11.34 119 ePd 45 37.70 -3.1X

PLP 11.38 11 ePd 45 43.00 1.7

PGP 13.63 352 iPc 46 12.00 2.3

TGY 14.22 353 ePd 46 20.00 2.8X

eS 49 09.00

QVP 14.72 353 ePd 46 26.00 3.4X

MTN 15.12 147 eP 46 26.20 -2.1

0.4s 492.00nm 6.3mb

BAG 16.54 352 ePd 46 44.10 -1.7

eS 49 45.00

BCP 16.54 353 eP 46 48.00 2.4

KNA 16.63 160 iPd 46 45.00 -1.7

0.5s 198.00nm 5.8mb

CVP 17.70 357 ePc 47 00.00 1.4

PIP 18.42 353 ePd 47 04.00 -2.2

KLI 18.57 255 eP 47 05.50 -2.2

e(S) 48 00.60

e 48 53.00

KGM 19.62 276 ePd 47 20.50 2.0

1.3s 646.30nm 6.0mb

e 48 27.50

BBP 20.47 358 ePc 47 27.50 0.4

MBL 21.15 188 iPc 47 29.80 -4.0X

e 54 49.00

IPM 22.27 282 ePc 47 46.00 1.3

1.2s 594.00nm 6.0mb

e 48 22.50

WRA 22.73 151 P 47 49.00 -0.2

0.8s 67.80nm 5.3mb

WB2 22.74 151 iPc 47 48.50 -0.7

0.5s 158.20nm 5.9mb

eS 51 41.00

QIZ 22.87 327 P 47 51.00 0.5

0.7s 78.00nm 5.4mb

S 51 48.00

S 51 56.00

SNG 23.30 288 eP 47 56.90 2.3

1.3s 1307.69nm 6.4mb

eS 52 00.40

NANU 23.44 197 iPc 47 55.90 -0.1

e 55 00.00

MDG 23.49 103 eP 47 57.10 0.7

HKC 23.00 340 eP 47 58.00 -1.3

S 52 05.00

GZH 24.01 339 Pc 48 09.50 0.8

0.6s 270.00nm 6.1mb

Z 18s 4.24um 5.0Msz

N 13s 2.24um

S 49 07.00

IS 52 18.00

LAT 24.99 106 eP 48 11.00 0.5

OZH 25.22 351 P 48 14.00 1.6

1.5s 260.00nm 5.7mb

Z 20s 3.36um 4.9Msz

E 10s 1.50um

S 49 08.00

S 52 22.50

S 53 27.50

QIS 26.14 142 ePd 48 20.00 -1.0

0.3s 28.00nm 5.5mb

NNT 26.14 300 ePc 48 21.00 0.8

WARB 26.21 172 iPc 48 21.20 -0.3

MEEK 26.71 188 iPd 48 23.10 -3.0X

0.3s 65.00nm 5.8mb

LOE 27.08 311 iPc 48 30.00 0.5

NST 27.34 306 eP 48 37.20 5.4X

KHT 28.15 303 eP 48 40.00 0.8

BDT 29.10 307 eP 48 48.00 0.4

0.8s 301.10nm 6.1mb

RAB 29.59 98 iPd 48 51.50 -0.5

0.8s 477.61nm 6.3mb

CHG 30.04 310 iPc 48 56.00 0.9

0.9s 151.26nm 5.7mb

eS 53 44.00

CTA 30.35 132 iPd 48 58.00 -0.6

1.3s 86.54nm 5.3mb

iPP 49 31.00

i 49 38.00

e 50 28.00

eS 53 45.00

iScS 59 17.00

CTA 30.35 132 P 49 01.80 3.2X

GYA 30.64 331 iPc 49 01.40 0.2

0.8s 160.00nm 5.8mb

Z 18s 2.52um 4.9Msz

N 14s 2.95um

E 14s 1.75um

sP 50 02.00

PcP 51 55.60

S 53 50.00

ScP 55 19.60

PcS 55 39.00

ScS 59 15.40

COOL 30.67 183 eP 49 00.00 -1.3

BAL 30.91 190 iPd 49 02.10 -1.2

FORT 30.93 171 eP 49 02.50 -0.9

0.6s 104.00nm 5.7mb

SSE 31.05 357 Pd 49 05.50 1.0

1.4s 100.00nm 5.3mb

Z 20s 1.80um 4.7Msz

N 10s 1.10um

E 10s 0.90um

S 53 48.00

WHN 31.51 346 Pd 49 09.50 1.0

1.5s 380.00nm 5.9mb

Z 20s 3.75um 5.1Msz

S 54 02.00

KLB 31.70 188 eP 49 09.00 -1.2

KMI 31.71 324 Pc 49 12.00 1.4

1.0s 240.00nm 5.8mb

Z 20s 3.10um 5.0Msz

S 54 10.00

NJ2 32.18 354 Pc 49 15.40 1.1

1.0s 79.00nm 5.3mb

S 54 13.40

MUN 32.33 191 eP 49 14.90 -0.8

OLP 33.45 144 iPc 49 25.10 -0.3

0.3s 38.00nm 5.5mb

TKSJ 35.49 16 eP 49 41.20 -1.3

CD2 35.75 331 eP 49 45.00 0.2

0.9s 250.00nm 5.8mb

S 50 44.00

S 55 09.00

WKYJ 36.16 18 P 49 47.40 -0.9

RMQ 36.23 138 iPd 49 48.00 -0.9

0.5s 11.00nm 4.7mb

S 55 41.00

STKA 36.26 152 iPd 49 52.80 3.7

iPP 50 30.40 172km

eS 55 16.70

STK 36.26 152 P 49 53.50 4.4

XAN 36.37 340 Pc 49 49.60 -0.4

1.4s 310.00nm 5.7mb

S 50 49.50

PP 51 22.00

S 55 16.00

ScP 55 37.00

PcS 55 57.00

sS 56 26.00

SS 57 57.00

YONJ 36.47 15 P 49 49.90 -0.9

TIA 36.50 352 eP 49 51.70 0.7

1.4s 73.00nm 5.1mb

Z 24s 2.71um 4.9Msz

N 13s 1.26um

E 13s 1.98um

PcP 52 13.00

S 55 16.00

TSRJ 37.50 18 P 49 58.20 -1.2

ADE 37.74 158 eP 50 00.70 -0.8

IIDJ 38.08 20 P 50 11.20 6.9

CMS 38.08 147 iPc 50 05.10 0.8

1.0s 34.00nm 4.9mb

TIY 38.82 347 Pc 50 11.00 0.6

0.7s 78.00nm 5.4mb

Z 14s 2.86um 5.2Msz

N 11s 1.59um

S 51 08.50

PP 51 53.00

S 55 54.50

sS 57 03.00

SS 58 50.00

DL2	38.82	359 P	50 10.50	0.2	E	14s	1.34um	ASH	70.14	311 eP	53 55.00	-1.1
	0.6s	110.00nm		5.7mb			S	57 20.00	2.0s	160.00nm		5.4mb
N	15s	1.59um			GUN	45.04	311 P	51 01.42	71.71	2 iPc	54 03.70	-1.1
		S	55 50.00		PKI	45.22	311 P	51 02.70	1.5s	220.00nm		5.7mb
CHJJ	38.97	21 P	50 09.90	-1.7	MRRJ	45.40	19 eP	51 02.40		iS	03 03.70	
MTMJ	39.04	19 P	50 11.50	-0.9	KKN	45.43	311 P	51 04.00		eS	03 43.00	
MAT	39.14	20 eP	50 11.00	-2.0	DMN	45.47	310 P	51 04.64		i	54 25.00	
	1.5s	305.56nm		5.7mb	GKN	46.03	311 P	51 08.84		i	54 47.00	
		eS	55 55.00		HOJJ	46.12	21 eP	51 09.40				
KAKJ	39.54	22 P	50 13.90	-2.4	HYB	46.91	294 iPc	51 15.00	NRI	73.17	348 IPc	54 11.20
NIIJ	40.04	20 P	50 21.50	1.1		1.0s	90.00nm	5.2mb		1.2s	123.00nm	5.5mb
LZH	40.08	336 Pc	50 22.00	1.0			e	51 57.00	Z	20s	4.60um	5.8msz
	1.8s	470.00nm		5.7mb	GBA	46.96	289 P	51 15.30	E	20s	3.00um	
	Z	2.43um		5.0Msz	KUSJ	47.26	22 eP	51 17.50				
	E	1.41um			ASAJ	47.42	19 eP	51 18.40				
		ScS	00 05.00		DZM	47.77	120 iPd	51 22.90				
		pP	51 06.00	207kmX			i	52 10.00	SVE	75.20	330 ePd	54 20.00
		sP	51 22.00		POO	51.52	294 iPd	51 46.00		2.0s	360.00nm	5.8mb
		PP	52 02.00		NDI	52.13	307 iPc	51 53.60				
		PcP	52 25.00			0.6s	243.33nm	6.0mb				
		ScP	55 53.50		CIT	52.48	353 eP	51 52.70				
		S	56 12.00		ZAK	52.97	344 eP	52 00.50	ARU	76.08	329 IPc	54 28.50
		sS	57 21.00			1.6s	105.00nm	5.2mb		2.0s	600.00nm	6.0mb
		SS	59 12.00				e	52 40.00				
BJI	40.39	352 ePc	50 23.00	-0.2			eSP	53 06.70	CRZF	76.90	222 eP	54 43.00
	1.4s	150.00nm		5.3mb			eS	59 11.00				8.0X
		eScS	00 08.00		WMO	53.78	329 iPd	52 07.20				
		eS	56 11.00			0.8s	63.00nm	5.3mb				
		eS	57 24.00		Z	20s	2.14um	5.2Msz				
ARMA	40.74	140 iPc	50 27.70	1.3	N	11s	1.60um					
	0.7s	61.00nm		5.2mb	E	13s	1.52um					
		e	51 06.00		IRK	54.44	346 eP	52 12.20				
		eS	56 49.50			2.0s	150.00nm	5.3mb				
BFD	41.17	156 eP	50 29.40	-0.2		Z	16s	1.02um				
	0.7s	69.00nm		5.3mb	N	16s	0.84um	5.0MszX				
		e	52 13.00				e	52 41.20	MAW	78.86	200 P	54 46.79
YAMJ	41.24	21 eP	50 30.50	0.3			e	53 11.00	GRO	80.72	314 eP	54 55.00
BWA	41.72	148 eP	50 36.30	2.0			e	59 37.00	ANM	82.33	24 eP	55 04.72
		iPp	51 17.80	192kmX	MOY	54.78	344 eP	52 14.70	SDN	82.50	34 eP	55 04.10
		i	51 24.10			1.5s	172.00nm	5.5mb		0.5s	278.56nm	6.2mb
SNY	41.73	1 Pc	50 33.60	-0.5	UER	56.90	339 iPd	52 25.20	PYA	82.70	314 eP	55 05.00
	1.6s	170.00nm		5.3mb		1.5s	144.00nm	5.5mb		2.0s	220.00nm	5.5mb
	Z	3.01um		5.2MszX			iS	00 05.00				
	N	1.72um			KSH	58.09	318 P	52 38.90	AAE	84.15	279 eP	55 16.00
		S	56 33.00			0.6s	40.00nm	5.3mb	SVW	85.98	29 eP	55 22.46
HHC	42.01	347 P	50 36.20	-0.4		Z	20s	1.37um		0.7s	73.21nm	5.6mb
	0.8s	55.00nm		5.1mb	N	18s	2.42um	5.1Msz	NAI	86.02	269 iP	55 24.00
	Z	2.82um		5.0MszX			S	00 30.00	Z	22s	0.41um	4.8Msz
	N	1.02um					PcP	53 29.00				
	E	1.32um					PP	54 46.00	TTA	86.04	27 eP	55 22.12
BTO	42.14	345 eP	50 38.50	0.8	BOD	58.17	355 iPc	52 36.20		0.6s	13.65nm	5.0mb
LSA	42.29	317 iPc	50 40.20	0.7		1.9s	234.00nm	5.6mb	ANN	86.88	315 eP	55 24.00
	1.0s	12.00nm		4.4mb X	PRZ	58.18	322 iP	52 39.00	BRW	87.00	19 eP	55 27.70
		iS	56 47.00			1.6s	530.00nm	6.0mb	MOS	87.36	326 eP	55 28.00
OFUJ	42.63	22 eP	50 41.00	-0.5			e	00 29.00	IMA	87.43	24 eP	55 28.89
CAN	42.71	148 iPc	50 43.60	1.3	UKR	60.21	333 iPd	52 52.00	BGL	87.55	29 eP	55 30.38
		iPp	51 23.60	184kmX		1.8s	190.00nm	5.5mb	CP2	87.63	29 eP	55 25.74
		i	51 31.40				i	53 40.00	CRP	87.67	29 eP	55 29.72
		iPcP	52 33.50		ORZ	60.54	138 P	52 55.50	OBN	87.90	325 ePd	55 30.00
		iScP	56 05.20		KUZ	60.96	133 P	52 57.80		0.8s	38.00nm	5.3mb
TOO	42.77	153 iPd	50 44.20	1.5	THZ	61.24	139 P	52 59.40		Z	20s	1.50um
	0.6s	124.00nm		5.6mb	LTZ	61.33	140 P	53 00.60		N	20s	1.10um
CNB	42.90	148 eP	50 44.80	0.9			e	53 43.10		E	20s	0.80um
	0.7s	49.00nm		5.1mb			e	53 03.90	SLKM	88.57	30 eP	55 33.07
		e	51 31.60		KHZ	61.97	140 P	53 03.20	PMR	89.14	29 eP	55 36.11
CN2	43.76	3 P	50 51.20	0.7	YAK	62.16	4 iPc	53 03.20	FBA	89.81	25 eP	55 40.99
	0.6s	14.00nm		4.7mb		1.0s	297.00nm	6.1mb		0.6s	13.99nm	5.1mb
	Z	2.67um		5.1Msz			i	53 42.00	APA	89.88	337 eP	55 39.30
	N	1.31um			MNG	62.44	137 P	53 06.20	SPA	89.92	180 iPc	55 41.60
	E	1.07um					e	53 48.70		0.6s	72.36nm	5.8mb
GTA	44.59	334 eP	50 57.50	0.1	URZ	62.58	134 P	53 07.40	KLU	90.67	29 eP	55 44.11
	1.5s	400.00nm		5.7mb	PGZ	62.98	137 eP	53 10.10	KEV	92.10	340 eP	55 51.00
	Z	3.46um		5.3Msz	NOZ	63.39	134 eP	53 13.70	SDF	92.56	337 iP	55 52.70
	E	1.10um			MGD	63.82	15 eP	53 14.50	KIS	92.77	317 eP	55 49.00
		ScS	00 32.00			0.7s	140.00nm	5.9mb	KAF	93.14	332 iP	55 53.60
		SS	00 39.00		Z	16s	1.10um	5.1MszX		0.5s	7.60nm	5.1mb
		pP	51 36.00	175kmX			eS	01 35.00	GTK1	93.52	339 eP	55 55.40
		sP	51 56.00				e	53 43.00	BUL	93.93	250 iPd	56 00.00
		PP	52 46.00				e	53 55.00				
		ScP	56 11.00		CSY	66.64	185 eP	53 34.50	SLR	94.06	244 iPc	56 00.70
		PcS	56 30.00			0.7s	75.50nm	5.5mb		0.9s	33.61nm	5.5mb
		eS	57 21.00		BRVK	68.54	329 iPc	53 44.00	NUR	94.11	331 eP	55 58.50
		sS	58 28.00			1.8s	182.00nm	5.5mb		0.5s	2.80nm	4.7mb
MDJ	44.91	7 Pd	50 58.50	-1.2			eS	02 32.00	MLR	94.90	316 eP	56 03.00
	1.2s	91.00nm		5.1mb	MAIO	68.80	309 eP	53 47.00	BLF	95.77	241 iPd	56 09.40
	Z	1.85um		5.0Msz		1.8s	7.92nm	4.1mb X		0.8s	12.50nm	5.3mb
	N	0.78um					eS	02 36.00	MBC	96.49	12 eP	56 10.00

					03	30.90	
					03	32.10	
					03	34.50	
BAO	161.94	210	e(PKP)	02	41.00	-1.4	
				e	02	44.20	
				e	02	46.70	
				e	03	01.50	
				e	03	31.00	
				e	03	33.00	
				e	03	36.00	
				e	03	38.90	
				e	04	11.80	
				e	04	19.80	
				e	04	37.10	
S.D. = 1.1 on 248 of 294 obs.							
? NOV	25, 1992	01h	03m	13.29±	6.46±		
	18.835 N ±40.8km			67.080 W ±27.4km			
	DEPTH = 33.0km			(normal)			
MONA PASSAGE						(89)	
MCP	0.41	184	iP	03	23.00	0.4	
			S	03	28.20		
APR	0.51	139	iP	03	24.00	0.0	
MGP	0.82	181	iP	03	28.10	-0.3	
PORP	0.88	151	iP	03	29.10	-0.2	
SJC	1.14	129	iP	03	33.10	0.1	
LPR	1.26	114	iP	03	34.50	-0.3	
CPD	1.36	125	iP	03	36.50	0.3	
S.D. = 0.3 on				7 of	7 obs.		
? NOV	25, 1992	01h	17m	00.57±	3.76±		
	50.601 N ±40.4km			18.929 E ± 8.4km			
	DEPTH = 10.0km			(geophysicist)			
POLAND						(548)	
ML 3.1 (WAR).							
OJC	0.67	124	ePg	17	14.10	0.1	
			iSg	17	22.40		
RAC	0.70	223	eP	17	14.00	-0.4	
			iS	17	21.80		
SPC	1.65	148	ePn	17	29.60	-0.3	
			i(Sg)	17	52.20		
VRAC	1.99	230	iPn	17	35.70	1.2	
	0.4 s	11.98nm					
			eSg	18	00.20		
ZST	2.69	207	eP	18	22.00	37.4X	
PRU	2.88	259	eP	17	54.00	6.7X	
			e	18	28.50		
			Sg	18	36.00		
KHC	3.76	249	eP	18	09.00	9.1X	
			ePg	18	21.00		
			e	18	44.00		
			eSg	18	59.40		
GEC2	3.82	245	Pn	18	00.10	-0.7	
			Pg	18	09.90		
			Sn	18	57.90		
S.D. = 1.0 on				5 of	8 obs.		
NOV	25, 1992	01h	18m	38.99±	0.98±		
	18.593 N ±11.7km			63.342 W ± 6.8km			
	DEPTH = 54.2 ± 11.6 km						
	4.3mb (1 obs.)						
LEEWARD ISLANDS						(92)	
MD 4.2 (TRN).							
NEV	1.62	153	eP	19	06.49	0.8	
			eS	19	27.78		
CPB	1.73	123	eP	19	07.25	0.2	
			eS	19	30.25		
BPA	2.09	137	eP	19	11.90	-0.4	
			S	19	36.73		
MGH	2.15	150	eP	19	14.20	1.1	
			S	19	41.95		
LPR	2.42	264	iP	19	16.40	-0.5	
			S	19	47.00		
CPD	2.51</						

ZOBO 34.98 188 P 25 30.00 1.1
 LPB 35.22 188 (P) 25 27.00 -3.7X
 CNCB 35.47 188 P 25 34.00 0.9
 SES 40.30 321 eP 27 25.00 0.5
 YKA 56.20 334 eP 28 13.70 -1.8
 0.5s 1.50nm 4.3mb
 M8C 64.24 347 eP 29 10.50 0.3
 S.D. = 1.2 on 20 of 21 obs.

% NOV 25, 1992 01h 24m 51.30±0.87s
 40.684 N ± 7.3km 23.480 E ± 7.3km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

SOH 0.17 325 iPg 24 55.50 0.3
 eSg 24 58.56
 THE 0.40 263 ePg 24 59.62 0.2
 SRS 0.44 11 iPg 25 00.48 0.2
 eSg 25 08.28
 OUR 0.52 132 ePg 25 01.72 -0.1
 eSg 25 07.76
 KNT 0.65 317 iPg 25 03.58 -0.7
 eSg 25 13.08
 S.D. = 0.6 on 5 of 5 obs.

% NOV 25, 1992 02h 29m 46.75±0.63s
 40.635 N ± 4.9km 23.468 E ± 6.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

SOH 0.21 335 iPg 29 51.74 0.5
 eSg 29 54.98
 THE 0.38 270 iPg 29 55.06 0.5
 SRS 0.49 11 ePg 29 56.46 -0.3
 eSg 30 04.50
 OUR 0.49 127 iPg 29 57.26 0.5
 eSg 30 04.62
 KNT 0.68 321 ePg 29 59.74 -0.5
 PAIG 0.73 167 ePg 30 00.50 -0.5
 LIT 0.92 235 ePg 30 04.18 -0.1
 S.D. = 0.6 on 7 of 7 obs.

% NOV 25, 1992 02h 29m 56.15±1.25s
 40.655 N ± 6.3km 23.648 E ± 11.8km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

SOH 0.28 307 iPg 30 02.58 0.6
 eSg 30 05.90
 SRS 0.46 355 ePg 30 05.58 0.0
 PAIG 0.73 178 ePg 30 10.66 0.2
 eSg 30 21.22
 KNT 0.76 312 ePg 30 10.06 -1.0
 eSg 30 20.14
 GRG 0.99 288 ePg 30 15.70 0.7
 iSg 30 27.54
 LIT 1.04 238 ePg 30 15.34 -0.5
 S.D. = 0.8 on 6 of 6 obs.

% NOV 25, 1992 02h 40m 24.86s
 35.045 N 116.976 W
 DEPTH = 3.7km
 CENTRAL CALIFORNIA (39)
 <PAS-P>. ML 4.1 (PAS), 3.8 (GS).
 Felt (IV) at Apple Valley and
 (II) at Highland. Also felt at
 Borstow.

GSC 0.29 29 iPc 40 30.63 -0.1
 SSK 1.02 216 iPd 40 43.64 -1.2
 PEC 1.16 188 iPd 40 46.18 -1.0
 eS 41 01.60
 ISA 1.37 297 ePnd 40 49.27 -1.6
 i 40 49.57
 eS 41 07.54
 PLM 1.69 177 iPnc 40 54.58 -0.9
 iPg 40 56.12
 ABL 1.85 265 ePn 40 55.86 -2.1
 iPg 40 59.01
 eS 41 22.65
 BCH 2.55 274 ePnc 41 05.85 -2.0
 ePg 41 12.18
 MTUM 2.64 331 ePn 41 08.30 -0.8
 ePg 41 13.57
 GLA 2.67 137 ePn 41 06.12 -3.4
 ePg 41 12.66
 PKEM 2.75 293 ePn 41 10.07 -0.5

MRCM 2.90 335 ePn 41 12.27 -0.6
 iPg 41 20.02
 PHAM 2.90 287 ePn 41 11.36 -1.4
 FRI 2.95 312 ePc 41 12.71 -0.6
 iS 41 54.79
 TNP 3.04 356 iPnd 41 13.61 -1.2
 iPg 41 21.12
 MMPM 3.05 328 ePn 41 15.21 0.1
 eS 42 00.09
 MEMM 3.06 329 ePn 41 16.14 1.3
 S 41 59.11

BONR 3.09 340 ePn 41 14.88 -0.9
 iPg 41 23.05
 LLA 3.58 297 iPd 41 20.48 -2.0
 PRS 3.80 291 iPc 41 22.94 -2.6
 ARUT 3.95 45 ePn 41 26.49 -1.3
 ePg 41 37.66
 eS 42 28.60

SAO 4.01 297 iPc 41 26.73 -1.8
 CM8 4.05 318 ePn 41 28.84 -0.3
 ePg 41 38.55
 eS 42 30.12

KVN 4.10 348 (Pn) 41 29.47 -0.4
 ARN 4.34 303 ePn 41 31.25 -2.0
 COE 4.40 302 ePn 41 31.99 -2.0
 GCC 4.52 297 ePc 41 32.57 -3.2
 iS 42 25.99

HMR 4.97 310 (Pn) 41 39.53 -2.5
 PCC 5.01 301 ePc 41 39.92 -2.7
 BKS 5.09 305 ePc 41 42.29 -1.6
 ZSP 5.14 306 ePc 41 43.26 -1.3
 MSU 5.18 47 ePn 41 44.03 -1.3
 ePg 41 59.79

NTYM 5.66 308 ePn 41 49.81 -2.0
 ORV 5.77 323 (P) 41 56.88 3.5
 eS 43 25.42
 TUC 5.84 116 iPnc 41 50.23 -4.2
 eS 43 28.73

DUG 6.11 31 (Pn) 42 02.53 4.2
 iPg 42 19.01
 eS 43 36.11

SRU 6.56 50 ePn 42 04.86 0.1
 EMUT 6.83 44 (Pn) 42 06.34 -2.3
 ePg 42 30.23
 eS 43 58.35

DAU 7.02 39 (Pn) 42 14.77 3.5
 ePg 42 38.33
 eS 44 07.05

PV09 7.18 59 ePn 42 12.17 -1.3
 eS 44 09.93
 PV10 7.19 60 (Pn) 42 11.87 -1.8
 eP+ 42 31.27
 ePg 42 41.31

HVU 7.49 25 ePg 42 45.09 27.4
 PV08 7.55 60 ePn 42 18.03 -0.8
 ePg 42 47.85
 eS 44 20.22

42 obs. associated

NOV 25, 1992 03h 22m 28.30±0.68s
 42.348 N ± 4.9km 19.020 E ± 5.3km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 1.6 (TTG).

PVY 0.27 25 iPg 22 33.39 -0.7
 iSg 22 38.41
 TTG 0.42 281 iPg 22 36.56 -0.4
 iSg 22 43.92

IVA 0.53 6 iPg 22 38.79 -0.2
 iSg 22 47.59
 ULC 0.57 228 iPg 22 39.27 -0.7
 iSg 22 48.01

BDV 0.74 265 iPg 22 42.60 -0.2
 iSg 22 55.51
 NKY 0.76 308 iPg 22 43.20 -0.1
 iSg 22 56.79

HCY 0.98 276 iPg 22 47.19 0.2
 iSg 23 03.16
 PLE 1.03 342 iPg 22 48.44 0.6
 iSg 23 05.56

BRY 1.09 301 iPg 22 49.66 0.7
 iSg 23 07.44
 OHR 1.44 149 e(Pn) 22 55.00 0.6
 S.D. = 0.6 on 10 of 10 obs.

% NOV 25, 1992 03h 41m 36.09±1.94s

38.096 N ± 11.8km 26.907 E ± 15.1km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 2.3 (ISK).

IZM 0.41 43 iPg 41 44.40 -0.1
 eSg 41 50.40
 CIN 1.06 118 eP 41 56.00 0.0
 EZN 1.79 345 ePn 42 07.00 -0.2
 DST 2.02 41 ePn 42 10.30 -0.3
 KCT 2.43 27 ePn 42 17.00 0.6
 S.D. = 0.5 on 5 of 5 obs.

NOV 25, 1992 04h 12m 35.66±1.05s
 41.440 N ± 8.8km 19.571 E ± 7.1km
 DEPTH = 5.0km (geophysicist)
 ALBANIA (391)
 ML 2.8 (TIR), 2.3 (TTG).

LACI 0.22 28 iPg 12 40.50 0.3
 iSg 12 45.00
 TIR 0.24 112 iPg 12 41.50 1.0
 iSg 12 46.20

ULC 0.58 335 iPg 12 46.54 -0.6
 iSg 12 54.07
 PHP 0.70 69 iPg 12 48.00 -1.6
 KKS 0.89 44 ePg 13 07.50 14.2
 OHR 0.98 109 iPg 12 53.70 -1.1
 iSg 13 09.20

BDV 1.01 327 iPg 12 54.66 -0.6
 iSg 13 08.64
 TTG 1.02 347 iPg 12 54.66 -0.7
 iSg 13 09.29

PVY 1.19 14 iPg 12 59.22 0.8
 iSg 13 15.47
 HCY 1.29 322 iPg 12 59.82 -0.1
 iSg 13 17.57

NKY 1.44 343 iPg 13 02.54 0.0
 iSg 13 22.61
 IVA 1.45 10 iPg 13 03.29 0.6
 iSg 13 24.06

SKO 1.50 69 ePn 13 06.50 3.3
 0.9s 66.00nm
 iSg 13 25.70
 Lg 13 30.20

BRY 1.65 333 iPg 13 05.67 0.2
 iSg 13 29.11
 PLE 1.89 356 iPg 13 10.10 1.1
 iSg 13 35.51

VAY 2.26 92 eP 13 15.00 0.8
 S.D. = 0.9 on 14 of 16 obs.

NOV 25, 1992 04h 25m 30.41±0.77s
 37.326 N ± 7.4km 20.595 E ± 4.5km
 DEPTH = 10.0km (geophysicist)
 4.4mb (4 obs.)
 IONIAN SEA (399)
 ML 4.1 (TIR), 4.0 (ATH).

VLS 0.85 360 ePg 25 45.20 -1.6
 VLI 1.97 107 ePb 26 10.00 5.8X
 AGG 2.18 38 ePb 26 10.16 3.0X
 eSb 26 30.81

IGT 2.21 355 ePb 26 11.48 3.8X
 eSb 26 34.21
 KEK 2.46 346 ePn 26 16.30 5.1X
 ATH 2.56 74 ePg 26 22.50 9.9X

SRN 2.59 350 ePn 26 13.10 0.1
 TPE 3.00 351 ePn 26 23.00 4.2X
 KZN 3.11 17 ePn 26 22.20 1.7
 LIT 3.14 28 iPn 26 21.94 1.1
 eSn 26 54.11

VLO 3.25 345 ePn 26 29.30 6.9X
 FNA 3.51 10 iPn 26 26.90 0.8
 eSn 27 04.51

PAIG 3.55 42 ePn 26 27.40 0.8
 eSn 27 03.84
 SOI 3.68 283 P 26 28.90 0.4
 eSn 27 08.00

THE 3.78 28 ePn 26 31.12 1.1
 OHR 3.78 2 iPn 26 30.40 0.3
 1.7s 240.00nm
 i 26 41.60
 i 27 18.60
 i 27 39.30
 Lg 27 40.00

GRG 3.89 21 ePn 26 31.40 -0.1

25d 04h

OUR 4.00 40 eSn 27 12.11
 TIR 4.06 352 ePn 26 33.87 0.8
 TDS 4.07 306 P 26 34.00 0.2
 SOH 4.10 31 eSn 26 35.50 1.4
 KNT 4.23 24 ePn 27 20.00
 VAY 4.27 20 eSn 26 35.79 1.3
 PHP 4.35 358 iPnc 26 36.87 0.6
 LACI 4.36 351 eSn 27 20.66
 SRS 4.44 31 ePn 26 36.50 -0.4
 SKO 4.69 8 iPn 26 37.20 -0.9
 1.2s 133.00nm 26 37.00 -1.1
 KKS 4.75 358 eSn 27 39.00
 MGR 4.84 307 P 26 37.20 0.3
 MMB 4.90 29 iPd 26 42.30 -0.5
 KKB 4.93 22 iP 26 58.00
 BCI 5.05 356 ePn 27 34.70
 SGO 5.23 310 P 26 44.00 0.3
 RZN 5.40 35 iPd 26 46.00 1.0
 VTS 5.63 20 iPd 27 37.00
 KDZ 5.71 39 iP 26 46.00 0.1
 PGB 5.89 27 eP 26 46.00 -0.2
 DIM 6.06 37 eP 26 46.00 -0.2
 DUI 6.42 314 P 27 00.00 0.1
 SDI 6.83 312 P 27 00.00 0.8
 MLR 9.09 25 ePd 27 03.00 0.6
 VBY 9.10 336 e(Pn) 27 08.00 0.6
 HFS 23.25 351 eP 27 13.50 2.8X
 NUR 0.4s 1.30nm 30 47.50 -1.7
 NAO 23.35 5 eP 30 43.00 -2.0
 KAF 24.32 348 P 30 48.00 -0.9
 BCAA 0.6s 3.00nm 30 55.10 4.1mb
 GKN 25.07 6 iP 30 55.10 -0.9
 DMN 1.1s 18.00nm 32 11.00 4.7mb
 KKN 32.79 184 ePc 32 11.00 5.0X
 GUN 0.4s 5.00nm 34 55.00 4.8mb
 53.81 80 P 34 55.00 -0.7
 54.36 80 P 34 59.50 -0.4
 54.41 80 P 35 00.80 0.6
 54.82 80 P 35 02.40 -1.0
 S.D. = 1.0 on 41 of 51 obs.

* NOV 25, 1992 04h 46m 08.12±0.74s
 37.303 N ±11.0km 71.641 E ±18.0km
 DEPTH = 33.0km (normal)
 4.5mb (6 obs.)
 AFGHANISTAN-TAJIKISTAN BORD REG. (717)
 QUE 8.10 210 eP 48 06.90 0.4
 NDI 9.79 150 iPd 48 23.00 13.4X
 HYB 0.5s 28.17nm 50 50.70 2.3X
 GBA 20.73 161 eP 51 21.60 -0.7
 KAF 24.16 166 P 56 11.60
 NUR 37.24 326 iP 53 19.20 1.2
 NUR 0.4s 2.60nm 53 20.70 4.4mb
 HFS 37.48 324 iP 53 20.70 5.1mb
 NAO 42.76 321 eP 54 02.70 -1.0
 WRA 0.3s 7.90nm 54 14.40 4.5mb
 WB2 44.23 322 P 54 14.40 -1.2
 WRA 0.6s 4.20nm 58 27.50 4.4mb
 WB2 81.98 122 P 58 27.50 1.3
 WB2 0.5s 0.50nm 58 25.60 3.8mb
 WB2 81.99 122 eP 58 25.60 -0.7
 0.3s 2.80nm 4.8mb
 S.D. = 1.2 on 8 of 10 obs.

* NOV 25, 1992 05h 04m 56.84±2.04s
 7.883 N ±10.8km 127.160 E ±19.1km
 DEPTH = 46.1 ± 17.2 km
 4.6mb (5 obs.)
 PHILIPPINE ISLANDS REGION (24B)

BIP 0.96 291 iPd 05 12.50 -1.6
 DAV 1.76 243 ePc 05 25.80 0.4
 CGP 2.51 283 eP 05 37.00 1.0
 eS 06 06.00

PLP 3.91 327 ePc 05 56.30 0.4
 KNA 23.53 176 eP 10 05.00 1.1
 WB2 28.54 166 eP 10 54.60 4.1X
 0.6s 7.40nm 4.5mb
 QIS 30.80 157 eP 11 11.00 0.4
 0.2s 2.00nm 4.5mb
 ASPA 32.04 168 eP 11 26.30 4.8X
 1.2s 5.90nm 4.3mb
 WARB 33.87 181 eP 11 36.70 -0.6
 WEEK 35.30 193 eP 11 46.00 -3.7X
 MRWA 38.42 196 eP 12 15.00 -0.9
 0.6s 6.00nm 4.6mb
 BAL 39.56 194 iPd 12 24.70 -0.6
 0.8s 21.00nm 5.0mb
 MUN 40.99 194 eP 12 37.00 -0.1
 STKA 41.87 161 eP 12 48.30 4.0X
 GUN 43.76 302 P 12 59.60 -0.6
 GBA 49.11 281 P 13 43.00 0.8
 S.D. = 1.0 on 12 of 16 obs.

NOV 25, 1992 05h 28m 48.86±0.97s
 37.772 N ±8.3km 20.384 E ±7.5km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)
 MD 3.7 (ATH).

VLS 0.44 22 ePg 28 58.60 0.9
 IGT 1.76 359 iPb 29 24.68 5.1X
 29 48.11
 AGG 1.97 50 ePb 29 23.30 0.6
 29 44.20
 SRN 2.13 352 ePn 29 32.10 7.3X
 VLI 2.29 117 ePb 29 28.40 1.1
 TPE 2.54 354 ePn 29 36.20 5.5X
 KZN 2.75 23 ePn 29 37.50 3.6X
 VLO 2.78 346 ePn 29 42.80 8.6X
 LIT 2.85 35 ePn 29 35.06 -0.1
 30 07.69
 FNA 3.10 14 ePn 29 40.38 1.6
 30 17.83
 OHR 3.35 5 ePn 29 43.00 0.6
 PAIG 3.35 49 ePn 29 40.77 -1.6
 30 18.01
 SOI 3.44 276 P 29 43.00 -0.5
 30 36.50
 GRG 3.54 26 ePn 29 45.50 0.5
 TIR 3.59 354 ePn 29 52.50 6.8X
 OUR 3.79 46 ePn 29 47.14 -1.5
 SOH 3.82 36 iPn 29 49.25 0.2
 LACI 3.89 353 ePn 30 06.00 16.0X
 KNT 3.90 29 ePn 29 50.06 -0.1
 PHP 3.91 1 ePn 29 50.00 -0.2
 VAY 3.93 25 iPn 29 50.30 -0.1
 SRS 4.16 36 ePn 29 52.74 -1.1
 SKO 4.27 11 iPn 29 55.20 -0.2
 30 11.20
 30 50.30
 S.D. = 0.9 on 16 of 23 obs.

? NOV 25, 1992 05h 34m 56.42±3.81s
 5.959 S ±37.3km 146.511 E ±47.7km
 DEPTH = 204.6 ± 26.5 km
 4.6mb (2 obs.)
 EASTERN NEW GUINEA REG., P.N.G. (207)

YYYY 0.61 242 iPc 35 26.10 -0.1
 35 52.00
 LAT 0.85 145 eP 35 25.90 -0.1
 MDG 1.01 314 eP 35 26.30 -0.7
 PMG 3.48 169 eP 35 52.00 -0.5
 WB2 18.25 219 iPd 38 57.30 0.1
 0.3s 12.10nm 4.8mb
 ASPA 21.38 213 eP 39 35.60 6.8X
 0.7s 8.40nm 4.4mb
 S.D. = 0.7 on 5 of 6 obs.

* NOV 25, 1992 05h 46m 25.13±1.05s
 22.703 S ±10.8km 66.314 W ±15.7km
 DEPTH = 240.0km (geophysicist)
 JUJUY PROVINCE, ARGENTINA (128)

HJA 0.98 121 iPd 46 59.20 0.0
 ANT 3.90 254 iPc 47 27.80 0.0
 eS 48 12.70
 CCH 5.30 2 P 47 42.80 -2.4X
 CNCB 6.07 345 P 47 55.00 -0.1
 LPB 6.36 344 P 47 58.90 0.2

ZOBO 6.61 345 P 48 02.00 0.0
 S.D. = 0.2 on 5 of 6 obs.
 * NOV 25, 1992 06h 00m 04.73±3.97s
 33.409 S ±7.3km 72.147 W ±29.9km
 DEPTH = 17.5 ± 8.5 km
 OFF COAST OF CENTRAL CHILE (134)
 MD 3.9 (SAN).

LCCH 0.49 98 iPd 00 14.64 0.2
 iS 00 22.81
 IHA 0.57 48 eP 00 16.50 0.6
 iS 00 26.20
 LNV 0.82 132 iP 00 19.95 -0.2
 iS 00 32.49
 TACH 1.04 104 iP 00 24.12 0.2
 iS 00 39.51
 ROCH 1.05 66 iPd 00 24.08 -0.1
 iS 00 39.78
 SAN 1.24 92 iP 00 27.24 0.0
 iS 00 44.75
 PEL 1.25 78 iP+ 00 27.11 -0.3
 iS 00 46.47
 CHCH 1.35 113 (P) 00 28.17 -0.6
 iS 00 48.93
 PCH 1.38 99 iP 00 29.39 0.2
 iS 00 49.77
 CACH 1.47 119 iPd 00 31.49 1.0
 iS 00 52.76
 JACH 1.49 61 iPd 00 30.58 -0.3
 iS 00 52.74
 FCH 1.56 88 iP+ 00 31.29 -0.7
 iS 00 55.74

S.D. = 0.6 on 12 of 12 obs.
 NOV 25, 1992 06h 02m 25.32±0.08s
 4.069 S ±2.2km 102.160 E ±2.2km
 DEPTH = 58.3km (geophysicist)
 5.9mb (120 obs.)

SOUTHERN SUMATERA, INDONESIA (274)
 Depth from broadband
 displacement seismograms.
 FAULT PLANE SOLUTION: P-Waves
 NP1: Strike=108 Dip=62 Slip= 70
 NP2: 326 34 123
 Principal Axes:
 T P1g=67 Azm=340
 P 15 212

Comment: The focal mechanism is
 poorly 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: 6 Focal mech. F
 Energy 9.4±3.5×10¹² Nm
 MOMENT TENSOR SOLUTION
 Dep 61 No. of sta: 10
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr=-2.78 Mtt=-2.55
 Mff=-0.23 Mrt=1.14
 Mrf=1.19 Mtf=-1.28

Principal axes:
 T Val= 3.27 P1g=72 Azm=294
 N 0.21 11 61
 P -3.49 14 154
 Best Double Couple: Mo=3.4×10¹⁷
 NP1: Strike=258 Dip=33 Slip= 110
 NP2: 55 60 77

CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN

L.P.B.: 21S, 34C
 Centroid Location:
 Origin Time 06:02:35.4 0.3
 Lat 4.09S FIX; Lon 102.18E FIX
 Dep 72.0 2.6 Half-duration 1.5
 Moment Tensor; Scale 10¹⁷ Nm
 Mrr= 1.22 0.13 Mtt=-2.42 0.15
 Mff= 1.20 0.26 Mrt= 1.34 0.12
 Mrf=-0.85 0.10 Mtf=-1.14 0.10

Principal Axes:
 T Val= 2.66 P1g=43 Azm= 63
 N 0.37 43 272
 P -3.03 15 168
 Best Double Couple: Mo=2.8×10¹⁷

NP1:Strike=216 Dip=48 Slip= 24							WAR8 32.15 136 eP 08 49.00 -0.7							sP 10 41.50						
NP2: 109 72 136							RKG 33.33 157 eP 09 00.00 0.1							PP 12 07.50						
							CD2 34.82 2 iPc 09 11.00 -0.9							PcP 12 11.00						
KLI	2.80	106	ePc	03	10.50	1.9								ScP 15 56.00						
							Z 19s 4.26um 5.2Msz							PcS 16 01.70						
							N 14s 1.79um							eS 16 44.50						
KGM	6.15	11	iPc	03	59.10	3.3X								sS 17 16.00						
							pP 09 27.50 64kmX							ScS 20 12.50						
							sP 09 32.50													
KLM	7.14	356	eP	04	11.50	1.9								MDG	43.49	93	eP	10	23.90	-1.0
IPM	8.67	352	ePd	04	31.10	0.5								KAGJ	44.49	36	P	10	32.10	-0.7
1.0s 444.60nm 6.3mb														PMG	44.97	99	eP	10	35.00	-1.9
							ENH 34.86 11 iPc 09 12.27 -0.7							1.0s 1622.00nm 6.8mb						
							epPc 09 27.25 60kmX							BTO 45.03 8 iPd 10 37.00 -0.1						
SNG	11.28	352	iPc	05	05.50	-0.8	WRA 35.10 119 P 09 14.20 -1.1													
1.0s 530.00nm 6.5mb							0.7s 17.50nm 5.1mb							N 17s 2.16um						
							WB2 35.11 119 iPd 09 13.90 -1.5							E 15s 0.97um						
							0.6s 49.20nm 5.6mb													
NNT	16.72	352	ePc	06	17.10	-0.2								S 17 05.00						
KKM	17.26	54	ePc	06	27.50	3.4X	LSA 35.20 343 iPc 09 16.54 0.1							eSS 20 24.00						
1.0s 473.70nm 5.6mb							1.2s 310.00nm 6.1mb							KUMJ 45.45 35 P 10 40.20 -0.2						
							Z 22s 2.49um 4.9Msz							HHC 45.52 10 Pc 10 42.00 1.0						
MKS	17.29	94	iPc	06	25.70	1.4	(pP) 09 30.61 54kmX							1.2s 490.00nm 6.3mb						
1.0s 388.30nm 5.5mb							S 14 43.00							Z 24s 1.62um 4.9Msz						
TSM	17.76	62	ePd	06	32.80	2.6	POO 35.81 310 iPc 09 18.50 -2.8X							N 13s 1.13um						
KHT	19.06	349	eP	06	44.70	-1.3								E 12s 0.79um						
NST	19.72	354	eP	06	58.00	5.0X	FORT 36.08 140 eP 09 23.00 -0.4							sP 11 03.00						
LOE	21.34	359	iPc	07	09.00	-0.7	ASPA 36.30 125 P 09 25.39 0.0							PP 12 28.00						
BDT	21.41	352	eP	07	09.50	-0.8	0.6s 61.00nm 5.7mb							S 17 20.00						
1.0s 220.80nm 5.5mb							WHN 36.34 18 iPc 09 26.50 1.0							ADE 45.70 137 eP 10 43.60 1.1						
NANU	22.48	146	eP	07	21.90	0.9	1.0s 71.00nm 5.6mb							BJI 45.74 15 ePc 10 43.00 0.4						
							Z 20s 2.50um 5.0Msz							1.4s 550.00nm 6.3mb						
CHG	22.96	352	ePc	07	26.00	0.4	E 18s 3.21um							Z 20s 1.50um 4.9Msz						
1.1s 172.47nm 5.4mb							pP 09 35.00 29kmX							N 14s 2.05um						
							PP 10 55.00							ePcP 12 19.50						
MNI	23.32	77	ePd	07	31.20	2.1	PcP 11 49.00							eScP 16 05.00						
MBL	24.16	136	iPc	07	34.00	-3.3X	eS 15 01.00							eS 17 20.00						
							BOM 36.82 309 iPd 09 30.80 1.1							CTA 45.78 114 iPc 10 43.00 -0.2						
QIZ	24.17	18	iPc	07	38.80	1.5	XAN 38.44 9 Pc 09 42.70 -0.5							1.0s 135.00nm 5.8mb						
1.0s 570.00nm 6.0mb							N 13s 1.43um							i 10 52.00 30km						
							E 16s 2.18um							QLP 46.02 123 iPc 10 45.20 0.2						
PGP	25.55	47	ePd	07	51.80	1.3								0.5s 65.00nm 5.8mb						
CGP	25.69	61	ePc	07	55.00	3.2X	PP 11 14.00							STK 46.17 131 P 10 50.70 4.5						
DAV	25.86	65	eP	07	55.00	1.6	PcP 11 56.00							STKA 46.17 131 iPc 10 50.30 4.1						
TGY	25.94	46	iPc	07	55.00	0.9	S 15 30.00							iS 17 29.30						
QCP	26.40	45	eP	07	58.00	-0.3	NJ2 39.27 23 Pc 09 50.50 0.4							DL2 46.39 21 eP 10 47.00 -0.7						
BIP	26.95	63	eP	08	03.50	0.1	1.0s 79.00nm 5.5mb							SHNJ 46.78 33 P 10 51.00 0.1						
PLP	27.29	56	ePc	08	06.20	-0.3	E 10s 0.91um							QUE 47.90 318 eP 11 00.00 0.0						
BAG	27.31	41	ePc	08	06.00	-0.9	S 15 42.00							e 17 54.00						
1.1s 106.33nm 5.4mb							SSE 39.40 26 iPd 09 52.00 0.8							eS 21 28.00						
MEEK	27.41	147	eP	08	05.00	-2.6X	1.4s 270.00nm 5.9mb							CMS 49.23 129 iPc 11 09.70 -0.3						
MRWA	28.25	154	eP	08	15.00	0.0	Z 20s 0.90um 4.6Msz							1.0s 42.00nm 5.4mb						
0.8s 12.00nm 4.6mb X							N 14s 1.00um							WMQ 49.42 346 iPc 11 11.77 0.4						
MCO	28.32	23	iP	08	16.80	1.1	PcP 11 57.70							1.0s 270.00nm 6.2mb						
KOD	28.40	300	eP	08	19.00	2.1	QIS 39.94 117 ePc 09 55.00 -0.8							Z 23s 1.40um 4.9Msz						
							0.2s 9.00nm 5.3mb							(pP) 11 27.24 60km						
KNA	28.62	116	eP	08	15.80	-2.7X	LZH 39.98 2 ePc 09 56.49 0.4							PcP 12 27.50						
HKC	28.72	24	iP	08	20.30	1.0	1.3s 350.00nm 6.1mb							PP 13 04.20						
PIP	28.74	39	ePd	08	19.50	-0.1	Z 22s 2.74um 5.1Msz							ScP 16 22.50						
KMI	29.02	1	iPc	08	22.99	0.7	N 15s 1.50um							PcS 16 28.50						
1.5s 140.00nm 5.4mb							(pP) 10 12.38 63kmX							iS 18 13.00						
Z 20s 3.10um 4.9Msz							SP 10 18.00							SS 18 39.00						
							PP 11 31.00							ScS 20 52.00						
CVP	29.06	41	iPc	08	23.00	0.6	PcP 12 00.00							BFD 49.51 137 iPd 11 13.50 1.4						
GZH	29.11	22	Pd	08	23.40	0.5	ScP 15 43.00							0.9s 61.00nm 5.6mb						
BAL	29.75	154	eP	08	28.00	-0.6	PcS 15 51.00							KSH 49.57 333 P 11 13.50 0.8						
MTN	29.92	109	eP	08	26.00	-4.2X	S 15 55.00							1.4s 840.00nm 6.6mb						
GBA	30.17	306	P	08	33.00	0.6	sS 16 22.00							Z 20s 1.24um 4.9Msz						
GYA	30.66	8	iPc	08	36.00	-0.7	SS 18 50.00							pP 11 23.00 32km						
1.0s 320.00nm 6.0mb							ScS 19 55.00							PP 13 04.00						
							NDI 40.44 325 iPc 10 00.50 0.7							eS 18 10.00						
							0.7s 640.41nm 6.6mb							SNY 49.67 21 iPc 11 12.00 -1.2						
							42.45 18 eP 10 15.60 -0.6							1.4s 190.00nm 5.9mb						
							1.5s 140.00nm 5.5mb							Z 25s 1.46um 4.9Msz						
							Z 20s 2.00um 5.0Msz							eS 18 12.00						
							E 13s 0.90um							RMO 49.79 122 iPc 11 14.90 0.4						
							42.65 12 iPd 10 18.40 0.5							0.4s 25.00nm 5.6mb						
							0.9s 170.00nm 5.8mb							PRZ 51.10 337 iPd- 11 25.50 1.2						
MUN	30.74	156	eP	08	37.00	-0.2	Z 20s 2.99um 5.2Msz							1.0s 500.00nm 6.5mb						
1.0s 60.00nm 5.3mb							E 16s 1.57um							iS 18 38.00						
KLB	31.06	154	eP	08	39.00	-1.0	sP 10 41.00							TOO 51.73 136 iPc 11 30.00 0.9						
0.5s 7.00nm 4.7mb X							S 16 36.00							0.7s 26.00nm 5.4mb						
BBP	31.23	38	ePd	08	41.00	-0.6	ScS 20 05.00							52.06 21 iPc 11 30.40 -1.0						
HYB	31.61	313	iPc	08	45.00	0.0	Z 27s 3.80um 5.2MszX							1.0s 31.00nm 5.3mb						
1.2s 85.70nm 5.4mb							GTA 43.32 357 iPc 10 23.50 0.2							Z 24s 1.26um 4.9Msz						
							1.5s 240.00nm 5.7mb							N 14s 0.56um						
							Z 27s 3.80um 5.2MszX							E 14s 0.17um						
							pP 10 36.00 46kmX							epP 11 46.00 60kmX						
COOL	32.12	148	eP	08	48.00	-1.4								PcP 12 41.00						
0.9s 60.00nm 5.4mb														eScP 16 32.00						

25d 06h

TLG	52.16	337	eS	18 48.00	11 32.00	-0.2	SVE	1.0s	550.00nm	6.4mb	KIS	81.67	319	iPc+	14 38.00	-0.7		
	1.2s	220.00nm				6.1mb		69.40	337	iPc	13 28.00	-0.9		1.0s	400.00nm	6.3mb		
BWA	52.43	131	eS	18 45.00	11 35.70	1.3	ARU	1.1s	800.00nm	6.6mb	PRK	81.70	310	eP	14 39.50	0.5		
			iPc	11 51.90	62kmX			69.92	336	iPc+	13 31.00	-1.1	EZN	81.78	311	iP	14 38.90	-0.5
MAJO	52.57	37	iPc	11 33.02	-2.3			1.2s	900.00nm	6.6mb	JMB	82.16	314	iPc	14 42.00	0.6		
MAT	52.57	37	iPc	11 33.30	-2.1						13 53.00	84kmX	ALN	82.21	312	eP	14 41.78	0.1
	1.0s	138.00nm				5.9mb					17 49.00		VRI	82.83	317	ePd	14 43.50	-1.3
AAK	52.82	335	eS	19 21.00	11 36.76	-0.5	SKR	71.38	33	eP	13 41.00	0.0	DIM	82.83	313	iPc	14 45.00	0.2
FRU	52.92	335	eP	11 37.80	-0.1			1.0s	670.00nm	6.5mb	KDZ	82.83	313	iP	14 46.00	1.1		
	2.0s	480.00nm				6.2mb	TUZ	71.51	137	P	13 58.00	62kmX	PVL	83.22	314	iPc	14 48.00	1.2
Z	24s	1.40um				4.9MszX					13 41.80	-0.1	MLR	83.28	317	iPc	14 48.50	1.2
N	26s	1.50um					KRI	72.13	254	iPc	13 57.40	56kmX	RZN	83.36	313	iPc	14 48.00	0.2
			e	12 00.00	90kmX						13 46.00	-0.4	OUR	83.64	311	eP	14 49.26	0.3
			e	19 02.00			DSZ	72.16	133	P	14 04.80	70kmX	PAIG	83.79	311	iP	14 49.85	0.1
			e	19 19.60							13 45.00	-1.0	VLI	83.81	307	eP	14 49.20	-0.7
CAN	53.23	132	iPc	11 40.50	0.2		ORZ	72.53	131	P	14 01.10	58kmX	CMP	83.85	316	iPc	14 51.00	0.9
			iP	11 56.60	61kmX		MBH	72.53	303	eP	13 48.20	0.1	PGB	83.92	313	iPc	14 50.00	-0.5
ARMA	53.45	125	iPc	11 42.90	0.8		AKSR	72.68	296	iPc	13 48.80	0.3	BCAO	83.97	275	iPc	14 51.10	-0.2
	0.9s	90.00nm				5.8mb	LTZ	72.69	134	eP	13 50.20	0.9		0.4s	88.00nm		6.1mb	
			i	12 49.00	308kmX						13 47.20	-1.9			ic	15 00.00	28kmX	
BRS	53.48	121	iPd	11 42.00	-0.2		JVI	72.73	305	eP	13 47.20	-1.9			ic	15 00.90		
	1.0s	42.00nm				5.4mb	AGRW	72.87	296	iPc	14 04.80	65kmX			id	16 21.80		
			i	11 59.00	66kmX		ANAL	72.94	296	iPc	13 50.00	0.5	MMB	84.06	312	iPc	14 51.00	-0.2
CNB	53.50	132	eP	11 41.80	-0.5		AKUR	72.96	296	iPc	13 51.90	1.5	SRS	84.08	312	eP	14 50.82	-0.4
	1.1s	36.00nm				5.3mb	THZ	72.97	132	P	13 51.30	0.5	SOH	84.20	312	eP	14 51.70	-0.2
ZAK	54.24	1	iPc	11 47.40	0.1						13 51.50	0.6	MNK	84.26	325	eP	14 51.00	-0.8
	1.0s	144.00nm				6.0mb	BHL	73.05	307	P	13 49.90	-0.9	PUL	84.46	331	ePc+	14 53.00	0.3
Z	16s	1.30um				5.1MszX	ADI	73.15	306	eP	14 06.40	60kmX		1.6s	500.00nm		6.3mb	
N	15s	0.77um					BUL	73.17	250	iPc	13 52.00	0.6	Z	22s	0.70um		5.0Msz	
			e	12 50.00	288kmX						13 53.00	1.1			eP	15 17.00	90kmX	
			eS	19 18.00							13 52.40	0.0			eS	25 17.00		
MDJ	54.34	24	(P)	11 47.41	-0.8		WCZ	73.21	126	P	14 08.30	57kmX	KKB	84.59	313	iPc	14 53.00	-0.8
	1.1s	98.00nm				5.7mb	LWI	73.25	269	iPd	13 53.40	1.2	KNT	84.60	312	eP	14 53.62	-0.2
Z	14s	1.77um				5.3MszX	SOC	73.33	318	iP	13 52.90	-0.3	VTS	84.63	313	iPc	14 54.00	-0.2
			(sP)	12 09.93				0.8s	260.00nm	6.2mb	13 52.00	-0.7	AGG	84.66	310	eP	14 53.41	-0.8
HIA	55.27	14	ePc	11 53.77	-1.2		KHZ	73.55	133	P	13 53.00	-1.0	LIT	84.72	311	iP	14 54.25	-0.3
			ePc	12 09.08	57kmX						14 10.20	63kmX	VAY	84.87	312	iPc	14 54.40	-0.8
			(sP)	12 15.21			SLR	73.72	245	iPc	14 10.20	63kmX		1.2s	202.00nm		6.1mb	
MOY	55.55	359	iPc	11 56.10	-0.6		MOZ	73.91	129	P	13 54.60	-1.0	GRG	84.93	312	iP	14 55.22	-0.3
	1.5s	184.00nm				5.9mb	PET	73.94	32	eP	13 57.10	0.9	KZN	85.30	311	eP	14 56.90	-0.6
UER	55.85	354	iP	11 56.00	-2.9X			0.6s	320.00nm	6.4mb	13 55.00	-1.0	GZR	85.44	316	ePd	14 58.50	0.5
	1.0s	360.00nm				6.4mb	NRI	73.95	355	iPc+	13 55.00	-1.0	FNA	85.67	311	eP	14 58.58	-0.7
			iS	19 37.80				1.0s	214.00nm	6.0mb	13 53.50	-2.2	SKO	85.81	312	iPc	14 59.30	-0.6
IRK	56.16	2	eP	12 00.00	-1.2		Z	20s	3.00um	5.6Msz	6.0mb			1.9s	75.00nm		5.5mb	
	1.5s	209.00nm				5.9mb					14 10.00	60kmX	VLS	85.88	309	eP	15 21.60	82kmX
Z	14s	0.62um				4.9MszX					14 27.00		SPA	85.96	180	iPc	15 00.90	0.6
			e	12 19.00	74kmX						16 50.00			1.3s	64.17nm		5.6mb	
MAIO	56.57	319	iPc	12 03.30	-1.2						23 16.00		OHR	86.16	312	iP	15 28.10	106kmX
			eS	19 51.00			FAM	74.67	308	eP	14 01.00	0.4		1.0s	235.00nm		6.3mb	
CIT	56.70	8	eP	12 05.00	-0.2		MNG	74.71	131	P	14 01.00	0.4	IGT	86.27	310	eP	15 01.00	-0.7
UKR	56.81	347	iPc	12 05.00	-0.8		KVT	74.98	314	iP	14 00.20	-0.7	UZH	86.27	310	eP	15 02.62	0.4
	1.0s	910.00nm				6.8mb	CSS	75.19	308	eP	14 02.00	-0.4		86.34	319	iPc	15 02.50	0.2
			iS	19 50.20			PGZ	75.31	131	P	14 03.90	0.2		1.0s	105.00nm		6.0mb	
			e	21 38.80							14 04.10	-0.1			i	15 23.50	77kmX	
HNR	57.58	99	eP	12 10.00	-1.9		BLF	75.78	241	iPc	14 20.90	61kmX	PHP	86.51	312	iPc	15 23.50	-0.8
ASH	58.27	320	iPc	12 15.00	-1.4			0.7s	35.00nm	5.4mb	14 06.00	-0.5	SRN	86.58	310	iPc	15 02.50	-0.8
	1.2s	320.00nm				6.3mb	PPCY	75.95	307	eP	14 06.00	-0.5	TPE	86.63	311	iPc	15 04.40	0.8
ELT	58.66	349	iPc	12 17.60	-1.2		KAS	76.70	314	iPc	14 07.80	-0.1	BCI	86.63	311	iPc	15 03.50	-0.4
	1.0s	256.00nm				6.3mb	TIK	77.55	8	iPc+	14 11.70	-0.4	TIR	86.88	313	eP	15 04.60	-0.5
			i	13 07.00	217kmX			1.2s	400.00nm	6.3mb	14 15.00	-1.1	PVY	86.89	312	eP	15 05.70	0.6
			eS	20 07.00							14 36.00		KAF	86.98	313	iPc	15 05.83	0.1
DHR	58.67	304	PKP	12 18.30	-1.1						14 46.00	122kmX		87.00	333	iP	15 05.70	0.5
RYD	61.06	301	PKP	12 35.10	-0.8		ELL	78.33	309	iP	14 36.00		LACI	87.04	312	eP	15 05.50	-0.4
YSS	62.15	30	iPc	12 41.50	-1.2		GPA	78.91	312	eP	23 54.00		VLO	87.04	311	iP	15 06.30	0.4
	0.8s	380.00nm				6.6mb	EYL	79.10	312	eP	14 21.20	-0.1	IVA	87.08	313	iPc	15 06.43	0.3
			e	13 09.00	112kmX		MOS	79.37	329	iPc	14 20.00	-4.3X	NUR	87.39	331	iP	15 06.43	0.3
KMTA	62.46	293	PKP	12 45.90	0.4			1.5s	580.00nm	6.3mb	14 24.50	-0.9		0.9s	202.90nm		6.3mb	
BOD	62.48	7	iPc	12 43.20	-1.5						14 27.00	0.7	ULC	87.43	312	iPc	15 07.36	-0

SRO	88.85	318	iPc	15	15.80	1.4			1.1s	66.20nm		6.0mb	VGB	124.30	35	ePKP	21	19.58	0.1			
RAC	89.22	320	iP+	15	17.70	1.6		OSS	94.32	316	iPc	15	40.60	0.6	DPW	124.32	32	iPKPc	21	19.11	-0.3	
	1.0s		0.20nm					ANM	94.71	26	eP	15	41.30	0.1	OD2	124.35	33	PKP	21	18.96	-0.5	
			e	15	41.00	86kmX		VDL	94.78	316	ePc	15	42.10	0.0	OT2	124.47	33	PKP	21	19.86	0.2	
SOI	89.42	308	Pc	15	18.30	1.0		PGF	95.06	312	iPc	15	43.60	0.2	CROR	124.48	36	PKP	21	19.99	0.1	
HVAR	89.63	313	iPc	15	17.30	-0.9			1.1s		36.65nm		5.7mb	PRW	124.52	34	PKP	21	20.34	0.5		
ZST	89.71	318	iPc	15	18.60	0.2		TMA	95.19	316	ePc	15	43.40	-0.6	WIW	124.61	34	PKP	21	20.34	0.4	
	1.0s		91.20nm			6.0mb		TNS	95.48	320	iPc	15	45.70	0.6	PATW	124.67	35	PKP	21	20.80	0.7	
KTK1	89.81	339	eP	15	18.29	-0.3		FIN	95.65	314	P	15	45.29	-0.7	EKR	124.74	42	ePKP	21	20.76	0.4	
VRAC	90.16	319	iPc	15	21.20	0.7		MOL	95.72	332	eP	15	48.15	2.4	FHC	124.79	42	iPKPc	21	21.23	0.7	
	2.0s		291.70nm			6.2mb		ORX	95.81	315	P	15	45.20	-1.6	FOX	124.92	42	ePKP	21	21.48	0.8	
ZAG	90.22	316	iPc	15	22.20	1.3		MMK	95.82	316	ePc	15	47.20	0.2	LGPM	125.50	41	ePKP	21	22.08	0.1	
VKA	90.24	318	iPc	15	21.50	0.6		IMI	95.88	314	P	15	46.94	-0.1	LNOR	125.51	34	PKP	21	21.31	-0.5	
	1.0s		179.00nm			6.3mb		ROB	95.89	314	P	15	46.53	-0.6	WDC	125.85	41	ePKP	21	22.30	-0.3	
			i	15	39.80	65kmX		DIX	96.21	316	iPc	15	49.40	0.6	LBFM	125.89	40	ePKP	21	22.54	-0.4	
PTJ	90.25	316	iPc	15	22.00	0.9		SBF	96.21	314	iPc	15	48.60	0.1	SES	126.04	26	ePKP	21	19.00	-3.7	
KSP	90.51	321	iPc	15	22.80	0.7			1.0s		33.20nm		5.8mb			1.0s		61.00nm				
	1.0s		99.00nm			6.1mb		CDF	96.27	318	iPc	15	48.50	-0.2	LMEM	126.51	41	ePKP	21	24.43	0.3	
			i	15	41.00	64kmX			0.8s		7.40nm		5.3mb	MIN	126.59	41	iPKPc	21	23.50	-0.7		
			e	18	56.00			STV	96.28	314	P	15	47.54	-1.4	NTYM	126.84	44	ePKP	21	25.01	0.5	
VBY	90.70	315	iPc	15	23.50	0.4		LSD	96.39	315	P	15	49.37	-0.2	ORV	127.06	42	iPKPc	21	24.42	-0.5	
			iPcP	15	25.80			RRL	96.66	315	P	15	49.92	-0.9	ZSP	127.33	44	ePKP	21	25.83	0.4	
			iP	15	40.70	60kmX		LPG	96.68	315	iPc	15	50.90	0.0	BKS	127.38	44	ePKP	21	26.02	0.4	
			iSP	15	46.60				0.7s		13.10nm		5.6mb	PCC	127.46	45	ePKPc	21	25.54	-0.2		
UPP	90.74	330	iP	15	32.50	9.6X		LPL	96.69	315	iPc	15	50.90	0.0	HMR	127.55	44	ePKP	21	26.49	0.6	
			i	15	50.70	64kmX			0.7s		16.30nm		5.7mb	GCC	127.95	45	iPKPc	21	26.53	-0.1		
LJU	91.25	316	iPc	15	26.50	0.9		FRF	96.78	313	iPc	15	51.20	0.2	COE	128.07	45	ePKP	21	27.60	0.7	
			i	15	45.30	67kmX			0.9s		19.15nm		5.6mb	ARN	128.12	44	ePKP	21	27.41	0.3		
CEY	91.30	316	ePc	15	26.10	0.2		LMR	96.88	313	iPc	15	51.60	0.1	SAO	128.46	45	ePKPc	21	27.63	-0.1	
PRU	91.55	320	Pc	15	27.60	0.7			1.0s		8.80nm		5.2mb	CMB	128.58	43	ePKP	21	27.40	-0.5		
	1.1s		39.30nm			5.7mb		HAU	96.90	318	iPc	15	51.40	-0.1	LRM	128.64	31	ePKPc	21	27.50	-0.6	
			e	15	45.80	64kmX			0.9s		24.10nm		5.7mb	PRS	128.72	45	iPKPc	21	28.56	0.4		
VOY	91.69	316	iPc	15	28.10	0.3		Z	25s		0.15um		4.4MsZ	LLA	128.89	45	iPKPc	21	28.93	0.4		
			e	15	45.70	62kmX		LRG	96.99	313	iPc	15	52.30	0.4	PRI	129.31	45	iPKPc	21	30.22	0.7	
BSD	91.73	325	iPc	15	27.50	-0.1			1.0s		31.60nm		5.8mb	KVN	129.56	41	ePKP	21	30.55	0.6		
	0.8s		32.00nm			5.8mb		Z	22s		0.25um		4.7MsZ	FRI	129.57	44	iPKPc	21	29.80	0.1		
RBL	91.95	316	Pc	15	29.20	0.3		LBF	98.54	317	iPc	15	58.90	-0.1	PHAM	129.65	46	ePKP	21	30.87	0.9	
BRG	92.00	321	iPc	15	29.50	0.6			1.2s		25.00nm		5.6mb	MMPM	129.72	43	ePKP	21	31.04	0.5		
	1.6s		85.00nm			5.9mb		LOR	98.61	317	iPc	15	59.20	0.0	PKEM	129.75	45	(PKP)	21	31.52	1.4	
			i	15	58.00	107kmX			0.9s		13.60nm		5.5mb	BONR	130.02	42	ePKP	21	31.46	0.4		
GEC2	92.02	319	ePc	15	29.80	0.6		Z	28s		0.15um		4.3MsZ	MRCM	130.04	42	ePKP	21	31.49	0.5		
	1.1s		44.51nm			5.8mb		SMF	98.66	316	eP	15	59.40	0.0	MTUM	130.17	43	ePKP	21	31.67	0.5	
			e	15	36.40	21kmX			1.1s		16.10nm		5.5mb	BCH	130.19	46	ePKP	21	31.62	0.5		
			e	15	48.30			AVF	98.98	317	eP	16	00.90	0.0	JAQ	130.39	358	ePKP	21	29.00	-1.8	
			e	15	54.30				1.1s		13.45nm		5.4mb	HHAI	130.40	33	ePKP	21	31.93	0.6		
			e	16	01.60			IMA	99.43	24	eP	16	02.20	-0.6			eSKP	24	49.46			
KHC	92.12	319	iPc	15	29.60	0.0			1.0s		34.40nm		5.9mb	TNP	130.67	41	ePKP	21	32.40	0.3		
	1.4s		25.70nm			5.5mb		SVW	99.45	29	eP	16	04.09	1.3	PTI	130.69	33	ePKP	21	32.13	0.2	
			e	15	48.00	65kmX			1.0s		14.00nm		5.5mb	ABL	130.97	46	ePKP	21	33.55	0.7		
			e	18	36.00			MAF	99.56	316	iPc	16	02.90	-0.7	ISA	131.10	45	ePKP	21	33.04	0.2	
KBA	92.14	317	iPc	15	29.60	-0.3			1.5s		30.80nm		5.6mb	HVU	131.18	35	ePKP	21	32.81	-0.1		
	1.3s		43.70nm			5.7mb		DAG	100.76	348	iPdiff	16	06.50	-1.8			eSKP	24	51.88			
			i	19	03.70				0.9s		22.69nm		5.8mb			e	25	19.81				
BHG	92.50	317	iPc	15	31.50	0.2		BGL	100.96	28	ePdiff	16	09.03	-0.6	ULM	131.53	15	ePKPd	21	35.90	2.9	
FVI	92.50	316	Pc	15	31.30	0.0		MBC	104.31	9	ePdiff	16	24.00	-0.1	DUG	132.18	36	ePKP	21	34.95	0.1	
WET	92.58	319	iPc	15	32.20	0.5			1.0s		3.00nm		5.1mb			eSKP	24	55.67				
	1.2s		116.00nm			6.2mb		KIC	107.22	275	(PKP)	20	45.40	-2.3	SSK	132.38	46	ePKP	21	35.73	0.3	
CLL	92.62	321	iPc	15	32.10	0.3		YKA	115.69	18	ePKP	21	01.00	-1.4	GSC	132.45	44	ePKP	21	36.09	0.7	
	1.3s		42.00nm			5.7mb			0.8s		10.60nm					eSKP	24	57.13				
			i	15	49.80	62kmX		OBC	121.02	34	PKP	21	13.68	0.6			e	25	24.30			
MOR7	92.66	336	iPc	15	31.62	-0.1		OOW	121.12	35	PKP	21	13.97	0.7	PEC	132.92	46	ePKP	21	36.91	0.6	
HFS	92.73	330	eP	15	31.50	-0.6		MCW	121.35	33	ePKP	21	13.14	-0.5			eSKP	24	58.44			
	0.6s		7.40nm			5.3mb		BLN	121.65	34	PKP	21	14.70	0.5	DAU	132.94	35	ePKP	21	36.34	-0.2	
SFI	93.02	314	Pc	15	35.00	1.3		HDW	121.81	34	PKP	21	15.18	0.6			eSKP	24	57.89			
LOF	93.23	338	eP	15	34.26	0.0		SMW	121.83	35	PKP	21	14.92	0.3	ARUT	133.28	39	ePKP	21	37.79	0.7	
HOF	93.28	320	eP	15	35.40	0.5		CMW	121.89	33	PKP	21	14.66	-0.1	PLM	133.41	47	ePKP	21	37.67	0.2	
WTTA	93.31	317	iPc	15	35.00	-0.3		GMW	122.01	34	ePKP	21	14.98	0.1			eSKP	25	00.45			
	0.8s		38.70nm			5.9mb		JCW	122.13	33	PKP	21	14.91	-0.2			e	25	27.99			
			i	15	47.30	40kmX		CPW	122.13	35	PKP	21	15.42	0.2	EMUT	133.59	35	ePKP	21	37.34	-0.3	
			i	15	53.00			RPW	122.21	33	PKP	21	14.72	-0.6	MSU	133.62	38	ePKP	21	38.52	0.8	
			i	19	08.70			BMW	122.35	36	ePKP	21	16.07	0.4			eSKP	25	01.46			
WATA	93.36	317	iPc	15	35.10	-0.4		GSM	122.77	34	PKP	21	16.53	0.1			e	25	30.30			
			i	15	57.60	82kmX		LMW	122.78	35	PKP	21	16.94	0.4	RSSD	133.91	26	ePKP	21	37.17	-0.9	
MOX	93.46	320	iPc	15	36.30	0.6		TKO	122.81	37	PKP	21	17.11	0.5			eSKP	25	00.30			
	1.5s		54.00nm			5.8mb		FMW	122.99	34	PKP	21	16.80	-0.2	SRU	134.22	36	ePKP	21	37.73	-1.1	
SQTA	93.60	317	iPc	15	36.40	-0.2		LON	123.01	35	iPKPc	21	16.46	-0.4	GLA	135.03	46	iPKPd	21	40.76	0.4	
	0.8s		30																			

BCH	3.19	290	ePn	51	25.38	-1.9
PKEM	3.57	303	ePn	51	31.44	-1.2
MTUM	3.63	332	ePn	51	32.39	-1.3
			ePg	51	41.84	
			Lg	52	30.05	
PHAM	3.67	298	ePn	51	33.36	-0.7
MRCM	3.89	335	ePn	51	36.80	-0.6
			ePg	51	47.61	
			Lg	52	42.45	
TNP	3.96	351	ePn	51	37.22	-1.2
MMPM	4.04	329	ePn	51	39.67	0.1
			ePg	51	49.39	
			Lg	52	43.47	
MEMM	4.05	330	ePn	51	38.75	-0.7
			Pg	51	49.91	
			S	52	43.17	
			Lg	52	50.34	
BONR	4.08	339	ePn	51	39.26	-0.9
			ePg	51	51.67	
			Lg	52	48.60	
ARUT	4.35	33	ePn	51	41.96	-2.0
CMB	5.02	321	ePn	51	51.48	-1.9
			ePg	52	03.87	
			Lg	53	09.61	
TUC	5.07	110	ePn	51	49.64	-4.4
ARN	5.23	309	ePn	51	53.46	-2.9
MSU	5.53	37	ePn	51	59.70	-1.0
DUG	6.67	25	ePn	52	16.32	-0.4
			ePg	52	40.52	
SRU	6.84	42	ePn	52	17.71	-1.5
EMUT	7.20	37	(Pn)	52	22.93	-1.3
			ePg	52	51.40	
PV10	7.29	53	ePn	52	23.01	-2.5
			Lg	54	21.62	
PV09	7.30	52	ePn	52	23.77	-1.9
			Lg	54	24.93	
DAU	7.47	32	ePn	52	27.12	-1.0
			ePg	52	55.60	
			Lg	54	54.79	
PV08	7.66	53	ePn	52	28.96	-1.8
			Lg	54	33.33	
28 obs. associated						

& NOV 25, 1992 07h 58m 27.10s						
49.143 N 128.441 W						
DEPTH = 10.0km (geophysicist)						
VANCOUVER ISLAND REGION (25)						
<PGC-P>.						
BPBC	1.10	23	P	58	48.35	0.5
EDB	1.13	49	P	58	48.88	0.6
ETB	1.27	79	P	58	50.52	-0.1
HOLB	1.51	7	P	58	54.29	0.0
			S	59	13.55	
PHC	1.70	22	P	58	57.41	0.6
			S	59	19.09	
GDR	1.70	67	P	58	56.90	0.0
			S	59	18.11	
BTB	1.94	79	Pc	58	59.93	-0.6
			S	59	23.08	
CBB	2.19	65	P	59	04.31	0.2
			S	59	30.92	
ALB	2.37	86	P	59	05.34	-1.3
MGB	2.47	92	P	59	06.03	-2.1
			eS	59	34.74	
PFB	2.70	101	P	59	09.29	-2.1
NAB	2.91	87	P	59	13.47	-0.8
			S	59	47.88	
SHB	3.02	80	P	59	15.59	-0.3
PGC	3.33	97	P	59	18.75	-1.5
BIB	3.37	84	P	59	20.18	-0.6
WPB	3.46	79	P	59	21.75	-0.2
HNB	3.85	86	P	59	26.77	-0.8
CMW	4.24	97	P			

25d 07h

LON 5.06 116 P 59 43.18 -1.6
 YEL 5.14 122 P 59 45.07 -1.0
 SOSW 5.15 122 P 59 45.91 -0.3
 JLK 5.20 123 P 59 46.48 -0.4
 WPW 5.24 115 P 59 46.89 -0.6
 MTMW 5.24 124 P 59 46.63 -0.8
 GLK 5.27 117 P 59 47.55 -0.4
 CDFW 5.28 123 P 59 46.99 -0.9
 ASR 5.51 120 P 59 50.76 -0.5
 TSM 5.61 108 P 59 52.03 -0.6
 ETW 5.62 103 P 59 51.74 -1.1
 VLMM 5.65 127 P 59 53.31 0.1
 NAC 5.66 112 P 59 52.66 -0.6
 GT2 5.80 131 P 59 54.70 -0.5
 VLL 5.89 126 P 59 56.28 -0.3
 SSOR 5.93 134 P 59 56.51 -0.6
 VFP 6.10 126 P 59 59.69 0.1
 EPH 6.17 104 P 59 58.23 -2.3
 VGB 6.35 122 P 00 02.24 -0.8
 WAH2 6.42 108 P 00 01.98 -2.0
 CRF 6.50 107 P 00 02.42 -2.7
 CROR 6.57 126 P 00 05.14 -1.1

53 obs. associated

% NOV 25, 1992 08h 34m 45.86±1.00s
 17.716 N ±24.0km 94.660 W ±12.0km
 DEPTH = 130.0km (geophysicist)
 CHIAPAS, MEXICO (61)

OXX 2.07 253 iPc 35 21.60 0.3
 SCX 2.17 116 iP 35 22.30 0.0
 IISM 2.87 297 iPc 35 31.20 -0.2
 IIT 3.70 291 iP 35 42.80 0.1
 PPM 4.00 290 iP 35 47.70 0.7
 III 4.62 279 iP 35 54.20 -0.9
 S.D. = 0.7 on 6 of 6 obs.

% NOV 25, 1992 09h 19m 24.78±1.84s
 41.414 N ±13.5km 29.278 E ±12.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)

ISK 0.39 205 ePn 19 33.00 0.3
 YLV 0.85 175 ePn 19 39.90 -1.3
 EYL 1.08 142 ePg 19 45.70 0.6
 DMK 1.21 290 iPn 19 47.10 -0.2
 KCT 1.36 211 iPn 19 50.40 0.7
 S.D. = 1.2 on 5 of 5 obs.

? NOV 25, 1992 09h 25m 15.92±10.49s
 41.649 N ±45.8km 29.694 E ±82.9km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 2.8 (ISK).

YLV 1.11 193 ePg 25 36.70 -0.1
 DMK 1.46 277 iPg 25 42.30 0.0
 KCT 1.73 216 ePn 25 46.40 0.2
 BNT 1.86 227 ePn 25 48.00 -0.1
 S.D. = 0.3 on 4 of 4 obs.

? NOV 25, 1992 09h 38m 41.16±5.41s
 0.496 N ±101.1km 127.167 E ±85.6km
 DEPTH = 33.0km (normal)
 HALMAHERA, INDONESIA (267)

MNI 2.51 292 ePd 39 20.50 0.0
 WB2 21.50 161 iPd 43 30.10 0.7
 QIS 24.21 151 eP 43 55.00 -1.0
 ASPA 24.89 165 iPc 44 01.60 -1.0
 STKA 34.98 158 iPc 45 33.90 1.4
 S.D. = 1.5 on 5 of 5 obs.

NOV 25, 1992 09h 46m 04.22±0.47s
 41.967 N ±4.1km 23.148 E ±4.1km
 DEPTH = 5.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

ML 2.7 (SKO).

KKB 0.11 206 iPgc 46 07.00 0.4
 MMB 0.57 131 iPg 46 15.00 -0.7
 VTS 0.63 4 iPgc 46 17.00 0.2
 VAY 0.78 214 iPg 46 18.70 -1.1
 KNT 0.83 193 iPg 46 19.78 -0.9
 SRS 0.91 158 iPg 46 21.26 -0.9
 PGB 0.95 52 iPg 46 22.00 -0.9
 GRG 1.15 209 ePg 46 26.10 -0.2
 SOH 1.15 172 ePg 46 25.70 -0.6
 PLD 1.17 83 ePg 46 27.00 0.5
 RZN 1.20 103 iPg 46 27.00 -0.3
 SKO 1.27 271 ePn 46 27.00 -1.3
 0.5s 52.00nm

iSn 46 46.20
 iSg 46 47.70
 Lg 46 52.10
 ePb 46 29.90 0.5
 iSb 46 46.60
 iP 46 35.00 -0.1
 ePb 46 36.70 1.3
 eSb 46 59.98
 eP 46 38.00 2.2X
 ePb 46 36.66 0.7
 ePn 46 39.80 1.3
 eP 46 40.00 0.4
 ePb 46 41.62 1.5
 ePn 46 48.90 3.7X
 eP 47 15.00 6.5X
 e 17 02.00
 iPn 47 28.90 17.2X

S.D. = 0.9 on 19 of 23 obs.

NOV 25, 1992 10h 03m 31.97±0.20s
 2.497 N ±3.6km 128.548 E ±5.6km
 DEPTH = 29.8km (12 depth phases)
 5.4mb (62 obs.) 5.1msz (24 obs.)
 HALMAHERA, INDONESIA (267)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 51C
 Centroid Location:
 Origin Time 10:03:38.4 0.5
 Lat 2.69N 0.06 Lon 128.80E 0.04
 Dep 22.0 BDY Half-duration 1.4
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=1.82 0.06 Mtt=-0.16 0.07
 Mff=-1.66 0.10 Mrt=0.74 0.16
 Mrf=1.35 0.17 Mtf=0.20 0.06
 Principal Axes:
 T Val= 2.50 Plg=66 Azm=312
 N -0.38 15 187
 P -2.12 19 91
 Best Double Couple: Mo=2.3*10¹⁷
 NP1: Strike=158 Dip=29 Slip= 58
 NP2: 13 66 106

NOV 25, 1992 10h 03m 31.97±0.20s
 2.497 N ±3.6km 128.548 E ±5.6km
 DEPTH = 29.8km (12 depth phases)
 5.4mb (62 obs.) 5.1msz (24 obs.)
 HALMAHERA, INDONESIA (267)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 29S, 51C
 Centroid Location:
 Origin Time 10:03:38.4 0.5
 Lat 2.69N 0.06 Lon 128.80E 0.04
 Dep 22.0 BDY Half-duration 1.4
 Moment Tensor: Scale 10¹⁷ Nm
 Mrr=1.82 0.06 Mtt=-0.16 0.07
 Mff=-1.66 0.10 Mrt=0.74 0.16
 Mrf=1.35 0.17 Mtf=0.20 0.06
 Principal Axes:
 T Val= 2.50 Plg=66 Azm=312
 N -0.38 15 187
 P -2.12 19 91
 Best Double Couple: Mo=2.3*10¹⁷
 NP1: Strike=158 Dip=29 Slip= 58
 NP2: 13 66 106

MNI 3.85 254 ePc 04 33.50 2.9X
 DAV 5.44 327 eP 04 58.60 5.5X
 BIP 6.13 338 eP 05 01.00 -1.9
 AAI 6.15 183 eP 05 10.50 7.3X
 PLP 9.31 338 ePd 05 48.00 0.7
 TSM 10.80 280 iPd 06 09.00 1.2
 MKS 11.87 230 iPc 06 19.50 -2.8X
 KKM 12.79 286 ePd 06 40.00 5.3X
 PGP 13.26 326 eP 06 46.00 5.1X
 TGY 13.77 327 ePc 06 50.00 2.5X
 BAG 15.89 331 eP 07 18.40 2.9X
 WWKK 16.25 112 eP 07 00.00 -19.8X
 CVP 16.49 337 ePc 07 31.00 8.1X
 KNA 18.13 179 eP 07 43.80 0.4
 PJG 19.54 55 eP 08 02.70 2.4X
 LAT 20.55 116 eP 08 11.00 0.1
 PMG 21.99 123 eP 08 26.00 0.4
 WRA 23.02 162 P 08 35.50 -0.1

0.5s 59.60nm 5.4mb
 WB2 23.02 166 iPc 08 35.40 -0.3
 0.7s 179.00nm 5.7mb
 eS 12 40.90
 i 16 00.60
 HKC 24.14 326 eP 08 47.00 0.5
 QZH 24.29 338 Pc 08 49.00 1.0
 1.1s 170.00nm 5.5mb
 Z 21s 3.04um 4.8msz
 S 13 06.00
 RAB 24.52 106 e(P) 08 54.00 3.7X
 QIZ 24.60 313 Pc 08 53.00 2.0
 1.1s 77.00nm 5.2mb
 N 18s 5.01um
 MBL 25.01 200 eP 08 50.20 -4.7X
 KGM 25.21 269 ePd 09 00.00 3.1X
 e 09 09.30 33km
 GZH 25.22 325 Pd 08 59.00 2.1
 1.0s 98.00nm 5.4mb
 Z 20s 3.12um 4.8msz
 N 15s 1.84um
 QIS 25.35 155 eP 08 57.00 -1.1
 0.3s 29.00nm 5.4mb
 ASPA 26.52 169 iPd 09 07.40 -1.6
 0.7s 42.40nm 5.2mb
 ePcP 12 34.50
 eS 13 39.80
 eScP 16 10.50
 iScS 19 58.40
 IPM 27.55 275 ePd 09 20.50 2.0
 NANU 27.96 206 eP 09 22.00 -0.1
 SNG 28.21 280 eP 09 18.00 -6.4X
 eS 14 08.00
 CTA 28.39 143 eP 09 29.00 3.0X
 iS 14 15.00
 WARB 28.57 184 eP 09 26.00 -1.6
 KAGJ 28.62 4 eP 09 29.30 1.3
 SSE 29.28 347 Pc 09 32.00 -1.9
 1.2s 31.00nm 4.9mb
 Z 20s 1.40um 4.6msz
 N 12s 0.50um
 E 14s 0.70um
 sP 09 48.00
 KUMJ 29.96 4 eP 09 39.50 -0.4
 LOE 30.21 301 iPd 09 42.00 -0.4
 NNT 30.24 291 iPc 09 44.00 1.4
 MEEK 30.51 198 eP 09 40.00 -5.0X
 NST 30.90 297 eP 09 55.00 6.6X
 WHN 30.96 336 eP 09 51.50 2.7
 Z 12s 3.61um 5.3msz
 E 20s 3.51um
 sP 10 05.50
 eS 14 54.00
 GYA 31.76 321 iPc 09 56.60 0.5
 1.0s 38.00nm 5.2mb
 Z 20s 3.75um 5.1msz
 N 16s 1.43um
 E 16s 1.53um
 PcP 12 47.60
 S 15 06.00
 ScP 16 27.20
 ScS 20 26.00
 KHT 31.97 294 eP 09 59.50 1.6
 BDT 32.51 299 eP 10 04.50 2.0
 YONJ 32.85 7 P 10 03.40 -1.9
 FORT 33.09 181 eP 10 05.20 -2.2
 0.6s 38.00nm 5.5mb
 CHG 33.21 301 ePc 10 10.30 1.6
 1.0s 66.50nm 5.5mb
 eS 15 45.00
 i 23 08.00
 KMI 33.53 314 eP 10 12.50 0.9
 1.9s 90.00nm 5.4mb
 Z 18s 2.50um 5.0msz
 sP 10 26.50
 S 15 33.00
 TSRJ 33.59 11 eP 10 11.00 0.1
 MRWA 33.75 200 eP 10 11.00 -2.2
 0.5s 30.00nm 5.5mb
 COOL 33.94 191 eP 10 13.00 -1.8
 0.6s 15.00nm 5.1mb
 CHJJ 34.76 15 P 10 20.10 -1.7
 BAL 34.80 198 eP 10 20.00 -2.3
 0.8s 56.00nm 5.5mb
 RMO 34.81 147 eP 10 22.00 -0.4
 MTMJ 34.98 13 eP 10 21.30 -2.5X

NRI	71.97	346	eS iPc	24 48.00 14 53.00	-1.3
	1.4s		96.00nm		5.6mb
HON	73.68	69	e P	17 43.00 15 10.00	4.8)
SVE	19s		0.95um		5.1Msz
	75.95	328	ePd	15 16.00	-1.6
	2.5s		120.00nm		5.5mb
ARU	76.91	328	ePc	15 23.00	0.0
	2.0s		250.00nm		5.9mb
SDN	77.19	34	e P	15 32.00 15 37.00	29km
	20s		0.79um		5.0Msz
SVW	80.99	28	eP	15 44.41	-0.7
	0.9s		32.94nm		5.3mb
TTA	81.18	27	eP	15 44.53	-1.6
	1.3s		29.55nm		5.1mb
KDC	82.00	32	eP	15 53.00	2.6)
IMA	82.77	24	eP	15 55.10	0.6
	1.1s		53.80nm		5.6mb
MAW	83.24	201	P	15 56.70	0.1
SLKM	83.51	29	eP	15 57.17	-1.0
PMR	84.15	28	eP	16 01.03	-0.3
	1.1s		90.46nm		5.9mb
	19s		0.99um		5.2Msz
FBA	85.05	25	eP	16 05.06	-0.8
	1.3s		9.35nm		4.8mb
TOA	85.59	28	eP	16 11.00	2.3
KLU	85.68	29	(P)	16 09.70	0.6
OBN	89.09	325	eP	16 25.00	-0.6
			i	16 32.00	22km
			e	16 41.00	
APA	89.71	338	iPd	16 28.50	0.2
KEV	91.66	340	eP	16 37.00	-0.3
SDF	92.37	338	eP	16 32.00	-8.6)
SPA	92.48	180	iPc	16 30.30	-11.0)
	0.7s		22.66nm		
MBC	92.75	13	eP	16 49.00	6.8)
KAF	93.52	333	eP	16 45.10	-0.9
NUR	94.65	331	eP	16 51.10	-0.1
	0.9s		21.00nm		5.6mb
UZH	98.80	320	eP	17 11.00	0.7
SLL	99.98	333	eP	17 13.50	-2.0
	0.6s		15.50nm		5.7mb
NAO	100.95	334	Pdiff	17 18.50	-1.2
	1.1s		14.20nm		5.4mb
WDC	102.63	48	Pdiff	17 40.00	12.3)
	21s		1.21um		5.4Msz
BRG	103.30	324	ePdiff	17 31.60	1.2
KHC	104.15	322	ePdiff	17 53.00	18.7)
GEC2	104.17	322	ePdiff	17 34.50	0.0
	1.1s		1.33nm		4.7mb
			e	17 40.90	
ISA	107.01	52	PKP	22 10.00	12.8)
	20s		0.67um		5.2Msz
MSU	110.88	47	ePKP	22 05.95	1.3
PV10	113.21	46	ePKP	22 10.72	1.6
RSSD	114.03	39	ePKP	22 11.08	0.6
TUC	114.11	53	PKP	22 20.00	9.2)
	21s		0.59um		5.2Msz
GOL	115.24	44	ePKP	22 14.06	1.0
	19s		0.27um		4.9Msz
WMOK	122.22	46	PKP	22 40.00	13.9)
	20s		0.62um		5.2Msz
FVM	125.96	38	ePKP	22 34.31	1.0
MIAR	125.96	43	ePKP	22 33.73	0.4
	20s		0.40um		5.1Msz
KIC	132.54	281	PKP	22 47.20	0.8
			PKS	26 10.00	
TIC	132.77	281	PKP	22 47.80	0.9
			PKS	26 11.50	
LIC	132.84	281	PKP	22 47.80	0.8
	0.8s		15.00nm		
			PKS	26 11.50	
MDZ	145.65	154	i(PKP)	23 10.70	0.9
TCA	148.75	158	ePKP	23 17.00	2.1
FSA	152.69	150	ePKP	23 30.40	9.7)
NNA	153.13	112	ePKP	23 24.50	2.8)
	0.6s		5.33nm		
CNCB	158.40	132	PKP	23 43.00	13.8)
LPB	158.49	131	ePKP	23 41.00	11.9)
ZOBO	158.62	131	PKP	23 32.00	2.5)
	22s</				

BAO 166.51 194 e(PKP) 23 38.00 1.5
 e 24 39.50
 e 24 46.00
 e 24 56.20
 e 36 36.00
 e 36 43.10
 e 37 38.00
 e 37 44.00
 e 46 19.00
 e 46 33.00
 S.D. = 1.2 on 124 of 169 obs.

% NOV 25, 1992 10h 13m 06.43 ± 0.93s
 39.120 N ± 8.4km 27.608 E ± 15.7km
 DEPTH = 10.0km (geophysicist)
 TURKEY (366)
 MD 3.0 (ISK).

I2M 0.77 201 ePg 13 21.50 0.0
 eSg 13 33.00
 DST 0.93 58 iPn 13 24.00 -0.2
 EDC 1.24 9 ePn 13 29.00 -0.5
 BNT 1.26 11 ePn 13 30.00 0.2
 KCT 1.27 27 iPn 13 30.40 0.4
 S.D. = 0.5 on 5 of 5 obs.

NOV 25, 1992 10h 16m 30.37 ± 0.14s
 2.537 N ± 2.6km 128.541 E ± 3.6km
 DEPTH = 23.8km (16 depth phases)
 5.8mb (93 obs.) 5.3Msz (48 obs.)
 HALMAHERA, INDONESIA (267)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 23S, 36C
 Centroid Location:
 Origin Time 10:16:31.6 0.6
 Lot 2.54N FIX; Lon 128.51E FIX
 Dep 18.5 4.4 Half-duration 1.9
 Moment Tensor: Scale 10**17 Nm
 Mrr=-3.08 0.17 Mtt=-0.47 0.23
 Mff=-2.61 0.30 Mrl= 4.27 0.51
 Mrf= 5.81 0.62 Mlf= 2.43 0.18
 Principal Axes:
 T Vol= 9.19 Plg=49 Azm=314
 N -2.96 21 198
 P -6.24 33 93
 Best Double Couple: Mo=7.7*10**17
 NP1: Strike=133 Dip=23 Slip= 23
 NP2: 21 81 111

DAV 5.40 327 ePc 17 56.00 4.5X
 1.0s 312.00nm 5.9mb
 BIP 6.09 338 eP 18 01.00 -0.3
 AAI 6.19 183 eP 18 10.00 7.3X
 CTB 6.34 317 ePd 18 22.00 17.3X
 PLP 9.27 338 ePd 18 46.00 0.3
 TSM 10.79 280 eP 19 00.00 -5.7X
 MKS 11.89 230 iPd 19 24.30 2.7X
 1.0s 416.00nm 6.6mb
 PPR 12.11 307 eP 19 26.00 1.5
 KKM 12.77 286 ePd 19 38.00 4.5X
 2.0s 497.90nm 6.3mb X
 e 20 05.00
 PGP 13.23 326 eP 19 45.00 5.6X
 TGY 13.73 327 ePd 19 48.00 2.0
 QVP 14.13 329 ePd 19 53.80 2.6X
 BCP 15.85 331 eP 20 22.00 8.3X
 BAG 15.86 331 eP 20 15.00 1.0
 WWKK 16.27 112 eP 20 07.00 -12.1X
 CVP 16.45 337 ePc 20 27.00 5.6X
 PIP 17.51 334 ePc 20 37.00 2.4X
 KNA 18.17 179 eP 20 42.80 -0.1
 0.6s 115.00nm 5.2mb
 MDG 18.88 114 eP 20 51.00 -0.6
 PJG 19.52 55 eP 21 00.50 1.3
 LAT 20.57 116 ePd 21 10.90 0.6
 PMG 22.02 123 eP 21 24.00 -1.0
 1.3s 700.00nm 5.9mb
 WRA 23.06 166 P 21 36.00 0.8
 1.1s 74.90nm 5.1mb
 WB2 23.06 166 iPd 21 35.80 0.6
 1.0s 133.40nm 5.4mb
 HKC 24.10 326 iP 21 47.00 1.7
 S 26 10.00
 QZH 24.25 338 iPc 21 47.00 0.3
 1.2s 490.00nm 5.9mb
 Z 22s 5.81um 5.0Msz

S 26 02.50
 MCO 24.31 324 iP 21 50.90 3.6X
 RAB 24.53 106 e(P) 21 50.00 0.4
 QIZ 24.57 313 P 21 50.80 0.9
 1.4s 460.00nm 5.9mb
 N 16s 4.60um
 E 16s 3.80um
 KLI 24.78 253 eP 21 53.00 1.1
 e 22 28.00 176kmX
 MBL 25.05 199 eP 21 50.00 -4.4X
 GZH 25.18 325 Pc 21 55.50 -0.2
 1.0s 240.00nm 5.8mb
 Z 18s 6.90um 5.2Msz
 N 16s 4.24um
 S 26 17.00
 KGM 25.21 269 ePd 21 56.70 0.7
 e 22 09.70 53kmX
 QIS 25.39 155 ePc 21 58.00 0.3
 eS 26 30.00
 ASPA 26.56 169 P 22 08.89 0.3
 IPM 27.54 275 ePd 22 17.80 0.2
 2.0s 311.20nm 5.7mb
 NANU 27.99 206 eP 22 20.40 -1.2
 SNG 28.19 280 eP 22 24.00 0.5
 1.5s 305.56nm 5.8mb
 e 26 42.00
 CTA 28.42 143 iPc 22 27.00 1.5
 1.0s 65.00nm 5.3mb
 KAGJ 28.58 4 P 22 27.00 0.2
 WARB 28.61 184 eP 22 26.00 -1.1
 SSE 29.24 347 Pd 22 32.50 -0.2
 1.3s 71.00nm 5.3mb
 Z 20s 3.20um 4.9Msz
 N 12s 1.50um
 E 13s 1.20um
 S 27 24.00
 KUMJ 29.92 4 P 22 38.10 -0.7
 LOE 30.19 301 iPc 22 42.00 0.6
 NNT 30.21 291 iPd 22 42.90 1.3
 MEEK 30.55 198 eP 22 40.50 -4.0X
 NJ2 30.74 344 Pc 22 46.60 0.6
 1.4s 68.00nm 5.3mb
 N 11s 1.49um
 NST 30.88 297 eP 22 53.00 5.6X
 WHN 30.93 336 Pd 22 49.50 1.8
 Z 20s 5.63um 5.2Msz
 N 16s 3.50um
 SHNJ 31.52 4 eP 22 52.30 -0.5
 GYA 31.73 321 iPc 22 55.60 0.6
 1.2s 33.00nm 5.1mb
 Z 22s 6.44um 5.3Msz
 N 16s 3.97um
 E 16s 2.29um
 pP 23 06.00 38kmX
 S 27 56.00
 sS 28 16.00
 SS 29 45.00
 ScS 33 25.00
 KHT 31.95 294 eP 22 58.00 1.1
 BDT 32.48 299 eP 23 02.00 0.5
 OLP 32.68 153 eP 23 04.00 0.9
 FORT 33.13 181 eP 23 06.00 -1.0
 0.6s 57.00nm 5.7mb
 HNR 33.47 111 P 23 11.00 0.8
 KMI 33.50 314 Pc 23 11.50 0.9
 1.9s 190.00nm 5.7mb
 Z 18s 4.40um 5.2Msz
 N 15s 2.60um
 E 15s 2.40um
 pP 23 22.00 37kmX
 TSRJ 33.55 11 eP 23 10.30 -0.3
 MRWA 33.79 200 eP 23 11.50 -1.2
 0.5s 11.00nm 5.0mb
 COOL 33.97 191 iPd 23 12.80 -1.5
 0.6s 19.00nm 5.2mb
 CHJJ 34.72 15 eP 23 18.20 -2.5X
 BAL 34.84 198 eP 23 20.00 -1.8
 1.0s 184.00nm 6.0mb
 RMQ 34.85 147 iPd 23 21.40 -0.5
 0.4s 17.00nm 5.3mb
 MTMJ 34.94 13 eP 23 21.30 -1.4
 MAT 35.00 14 iPc 23 20.80 -2.3
 1.2s 79.69nm 5.5mb
 Z 20s 6.03um 5.3Msz
 eS 28 46.00
 TIA 35.13 344 eP 23 24.10 -0.1

E 13s 1.56um
 sP 23 38.00
 eS 28 53.00
 KAKJ 35.19 16 eP 23 21.70 -2.9X
 KLB 35.45 196 eP 23 25.50 -1.5
 0.8s 91.00nm 5.8mb
 NIIJ 35.85 14 eP 23 28.30 -2.0
 MUN 36.27 198 eP 23 32.00 -1.9
 0.8s 56.00nm 5.5mb
 XAN 36.30 332 P 23 33.70 -0.5
 1.1s 160.00nm 5.8mb
 Z 18s 3.89um 5.2Msz
 N 13s 1.79um
 E 14s 1.03um
 pP 23 40.50 23km
 sP 23 46.00
 S 29 13.00
 STKA 36.40 161 iPc 23 38.60 3.6X
 i 23 45.70 24km
 eS 29 16.20
 CD2 36.67 323 eP 23 38.00 0.6
 1.2s 190.00nm 5.8mb
 Z 20s 4.49um 5.2Msz
 N 15s 2.64um
 pP 23 47.00 30km
 sP 23 51.00
 S 29 19.00
 sS 29 32.00
 DL2 36.74 351 eP 23 37.00 -0.8
 1.0s 75.00nm 5.5mb
 Z 20s 2.77um 5.0Msz
 N 16s 3.78um
 YAMJ 37.00 15 P 23 40.30 0.4
 CMS 37.62 155 eP 23 45.00 -0.2
 1.0s 25.00nm 5.0mb
 BRS 37.83 143 iPc 23 47.00 -0.1
 1.5s 15.00nm 4.6mb X
 i 23 59.00 44kmX
 TIY 38.00 339 Pc 23 49.00 0.5
 1.0s 73.00nm 5.5mb
 Z 24s 3.51um 5.1Msz
 N 15s 2.30um
 S 29 38.50
 OFUJ 38.29 17 P 23 50.70 -0.1
 RKG 38.47 195 eP 23 52.00 -0.3
 ADE 38.51 167 iPc 23 54.00 1.3
 BJI 38.98 345 ePc 23 56.50 0.0
 1.2s 260.00nm 5.8mb
 Z 18s 2.20um 5.0Msz
 N 11s 0.71um
 eS 29 52.00
 eScS 34 04.00
 AOMJ 39.33 14 eP 24 00.80 1.3
 SNY 39.37 354 Pc 23 59.90 0.2
 1.2s 66.00nm 5.2mb
 Z 22s 3.19um 5.1Msz
 N 15s 2.01um
 E 13s 1.55um
 S 29 57.00
 ARMA 39.49 148 iPc 24 01.50 0.4
 1.0s 179.00nm 5.7mb
 LZH 40.45 329 iPc 24 10.00 1.0
 1.5s 540.00nm 6.1mb
 Z 18s 6.23um 5.5Msz
 E 16s 3.13um
 pP 24 21.50 41kmX
 sP 24 23.50
 PcP 26 14.50
 ScP 29 59.50
 S 30 16.00
 sS 30 31.00
 SS 33 10.00
 ScS 34 12.50
 HHC 41.11 340 P 24 14.40 0.2
 1.2s 120.00nm 5.5mb
 Z 28s 2.96um 5.0Msz
 N 12s 0.95um
 E 12s 0.88um
 pP 24 25.50 39kmX
 sP 24 28.00
 S 30 26.00
 sS 30 41.00
 CN2 41.18 357 Pc 24 13.50 -1.1
 1.4s 64.00nm 5.2mb
 Z 18s 4.08um 5.3Msz
 N 14s 1.74um
 E 14s 1.26um

HON		73.67	69 P	28	20.00	15.5
Z		19s	2.02um			5.4Msz
KAT		74.69	310 iP+	28	10.00	-0.1
			i	28	18.00	26km
			e	38	19.00	
SVE		75.91	328 iPc	28	09.50	-7.2
		1.8s	360.00nm			6.1mb
			i	28	16.90	24km
ARU		76.88	328 ePc	28	21.00	-1.1
Z		20s	1.00um			5.1Msz
E		20s	0.50um			
			e	28	26.00	16km
			e	28	32.00	
			eS	38	04.00	
ANM		77.61	24 eP	28	26.25	0.2
SVW		80.96	28 eP	28	44.80	0.5
		1.1s	144.58nm			5.9mb
TTA		81.14	27 eP	28	45.85	0.6
		1.2s	47.01nm			5.4mb
KER		81.50	304 eP	28	54.00	6.2
KDC		81.97	32 eP	28	50.80	1.3
TAB		82.31	308 eP	28	53.00	1.1
BGL		82.53	29 eP	28	53.33	0.8
CRP		82.64	29 eP	28	53.11	-0.1
IMA		82.74	24 iPc	28	54.01	0.4
		1.1s	65.98nm			5.7mb
AFR		82.83	108 iPc	29	02.90	8.2
PPT		83.03	108 iPc	29	03.90	8.1
		1.7s	708.80nm			6.5mb
PAE		83.03	108 iPc	29	03.80	8.0
		1.9s	775.00nm			6.5mb
GRO		83.07	313 eP	28	51.00	-4.5
		1.0s	110.00nm			6.0mb
PPN		83.16	108 iPc	29	04.50	8.1
		1.7s	507.30nm			6.4mb
MAW		83.27	201 P	28	56.29	0.2
TVO		83.36	108 iPc	29	05.90	8.4
		1.4s	658.70nm			6.6mb
SLKM		83.48	29 eP	28	57.07	-0.3
MTA		83.64	311 eP	28	58.00	-0.5
			e	39	16.00	
PMR		84.12	28 eP	28	59.91	-0.6
		1.2s	162.81nm			6.1mb
Z		20s	0.96um			5.2Msz
FBA		85.02	25 eP	29	04.34	-0.6
		1.2s	16.81nm			5.1mb
TOA		85.56	28 eP	29	09.70	1.9
KLU		85.65	29 eP	29	09.01	0.7
MOS		88.44	326 eP	29	20.00	-1.8
		1.5s	290.00nm			6.4mb
Z		20s	2.10um			5.6Msz
OBN		89.05	325 iPd	29	24.00	-0.7
		1.5s	350.00nm			6.5mb
			e	39	50.00	
			eS	40	07.00	
			ePS	41	16.00	
APA		89.67	338 iPd	29	26.50	-0.9
KEV		91.62	340 iP	29	35.40	-1.0
		1.2s	49.10nm			5.8mb
PUL		91.97	330 ePd	29	35.00	-3.1X
		1.2s	210.00nm			6.4mb
			e	29	52.00	59kmX
SDF		92.33	338 iP	29	34.80	-4.9X
SPA		92.52	180 iPc	29	40.40	-0.4
		1.8s	364.81nm			6.5mb
			ed	40	08.50	
MBC		92.71	13 eP	29	41.50	0.2
		1.0s	4.00nm			4.8mb X
KAF		93.48	333 iP	29	43.70	-1.4
		0.8s	18.80nm			5.6mb
MNK		94.42	324 eP	29	46.00	-3.5X
Z		20s	1.40um			5.4Msz
NUR		94.61	331 iP	29	48.80	-1.5
		1.1s	44.00nm			5.8mb
VR I		96.40	317 ePd	29	58.00	-0.9
			ed	32	48.50	
MLR		97.01	316 eP	30		

YKA	99.82	25	eP	30	13.70	-0.3	HRV	131.62	20	PKP	35	50.00	6.8X	CUSS	2.73	105	iP	37	46.70	-0.5
	1.1s		6.90nm			5.1mb	Z	21s		0.83um			5.4Msz				iS	38	23.00	
HFS	99.91	333	eP	30	12.90	-1.5	KIC	132.53	201	PKP	35	39.40	-6.3X	YPE	2.93	100	iPc	37	49.60	-0.6
	1.3s		101.80nm			6.2mb				PP	38	07.40		TME	3.26	101	iPc	37	54.00	-0.6
OJC	99.93	322	eP	30	14.40	-0.4				PKS	39	10.00		VSS	3.43	105	iPc	37	57.20	0.1
BUL	100.19	250	iPdiff	30	15.00	-0.9	TIC	132.75	201	PKP	35	40.00	-6.2X				iS	38	39.60	
VAY	100.26	313	iPdiff	30	14.40	-2.0				PP	38	08.00		SJAS	3.52	105	iP	37	58.00	-0.4
NAO	100.91	334	Pdiff	30	17.30	-1.5				PKS	39	11.00					eS	38	39.60	
	1.1s		29.00nm			5.7mb	LIC	132.03	201	PKP	35	40.00	-6.3X	LFU	3.55	104	iPc	37	58.00	-0.7
SKO	100.94	313	ePdiff	30	16.50	-2.9X				PP	38	09.00		VSM	4.42	105	iPc	38	11.00	-0.1
	1.4s		56.00nm			5.9mb				PKS	39	11.00		OXX	4.60	302	iP	38	12.15	-1.5
							CEH	133.87	31	PKP	36	00.00	12.3X				iS	39	04.50	
							Z	20s		1.00um			5.6Msz	IISM	6.25	314	iPc	38	32.61	-3.8
							MRA	147.40	157	e(PKP)	36	12.00	1.0	PUE	6.08	310	(P)	38	44.50	-0.8
							TCA	148.79	158	ePKP	36	14.10	-0.1				(S)	39	55.00	
OHR	101.61	313	ePdiff	30	11.50	-11.0X	ANT	152.09	141	ePKP	36	06.60	-12.7X	IIT	6.95	310	(P)	38	47.55	1.3
KSP	101.08	323	ePdiff	30	23.00	-0.4	FSA	152.73	150	ePKP	36	21.30	1.2	PPM	7.21	308	eP	38	49.56	-0.6
										e	36	30.20		ACX	7.28	289	iP	38	48.33	-2.3
							ARE	155.92	126	ePKP	36	27.00	1.9				(S)	40	03.55	
							BMG	156.41	66	ePKP	36	23.00	-2.6X	IIA	7.29	309	eP	38	51.73	1.1
WDC	102.61	48	Pdiff	30	40.00	13.1X	CNC8	158.44	132	PKP	36	31.00	2.5X	III	7.51	301	iP	38	53.41	-0.6
	Z 19s		2.04um			5.7Msz	LPB	158.52	131	PKP	36	35.00	6.6X				(S)	40	16.75	
PRU	103.22	323	ePdiff	30	29.50	0.1	ZOBO	158.65	131	PKP	36	29.50	0.7	UNM	7.79	308	(P)	38	57.50	-0.5
							Z	22s		0.63um			5.4Msz	VCR	8.20	122	ePc	39	02.70	-0.7
BRG	103.26	324	iPdiff	30	29.50	0.0				LR	33	12.00		JCR	8.78	122	ePc	39	11.00	-0.3
	1.2s		22.00nm			5.8mb	CCH	159.37	137	ePKP	36	29.00	-0.2	MRX	9.58	303	iP	39	23.03	0.8
							SIV	163.62	145	PKP	36	38.00	5.6X	SJS	9.62	118	ePc	39	25.70	2.8X
CLL	103.66	324	iPdiff	30	30.50	-0.8		S.D. = 1.0		on 169 of 249 obs.				QCR	9.79	121	ePc	39	26.60	1.5
	1.4s		14.00nm			5.6mb							URSC	9.91	118	ePc	39	28.40	1.6	
KHC	104.11	322	ePdiff	30	32.50	-0.9								BUS	10.06	119	ePc	39	31.10	1.9
	1.3s		6.00nm			5.3mb								LIO	10.47	115	ePc	39	29.70	-4.6X
														ACR	11.03	122	ePc	39	43.60	1.6
														CGX	11.48	298	(P)	39	49.71	1.6
GEC2	104.14	322	ePdiff	30	33.40	-0.2								AGX	11.65	310	(P)	39	50.00	0.0
	1.1s		3.77nm			5.2mb								STH	15.58	75	ePd	40	41.82	0.3
														GWJ	15.66	75	ePd	40	43.73	1.2
														UYO	19.51	356	iPc	41	26.60	-2.2
														MIAR	19.84	358	eP	41	30.70	-1.6

25d 10h

RSSD	30.94	344	eP	43	16.53	-0.6
	0.6s	1.88nm			4.0mb	
DUG	30.96	329	eP	43	17.54	0.3
	1.0s	6.47nm			4.3mb	
HVU	32.17	331	iPc	43	28.55	0.8
		eP	43	42.52	56kmX	
BONR	32.48	320	eP	43	31.66	1.0
		eP	43	45.82	56kmX	
PHAM	32.59	315	(P)	43	31.91	0.6
PTI	32.84	333	eP	43	33.83	0.2
KVN	33.05	322	eP	43	36.31	0.8
HHA1	33.19	333	eP	43	36.75	0.2
RSNY	33.56	24	eP	43	37.96	-1.7
	0.7s	5.85nm			4.6mb	
EEO	33.87	17	eP	43	43.00	0.7
LRM	35.27	336	ePd	43	55.00	0.4
ULM	35.61	356	eP	43	58.50	1.5
LBFM	36.75	322	eP	44	06.63	-0.4
SES	38.66	341	ePc	44	22.20	-0.5
PRW	38.79	330	P	44	23.64	-0.2
VGB	38.85	328	eP	44	25.57	1.2
GBL	38.95	330	P	44	24.83	-0.3
CRF	39.08	331	P	44	25.95	-0.3
ZOBO	39.13	141	P	44	27.30	-0.4
GL2	39.17	329	P	44	27.93	0.8
OD2	39.18	332	P	44	27.37	0.3
VLL	39.28	327	P	44	29.39	1.4
SSOR	39.29	326	P	44	28.08	-0.1
DPW	39.31	333	eP	44	28.12	-0.1
LPB	39.34	141	eP	44	37.00	7.8X
CNCB	39.62	141	eP	44	31.00	-0.7
SAW	39.73	332	P	44	32.04	0.4
TBM	39.91	330	P	44	34.13	1.0
WPW	40.05	329	P	44	35.27	0.9
LON	40.21	329	iPc	44	36.09	0.4
GMW	41.25	329	(P)	44	43.43	-0.6
JCW	41.27	330	P	44	43.26	-1.0
JAQ	41.29	15	eP	44	59.00	14.7X
MCW	42.04	330	eP	44	51.04	0.5
SIV	43.59	133	P	45	07.40	3.9X
YKA	50.26	347	eP	45	54.50	-0.7
	0.7s	11.50nm			5.0mb	
KLU	60.12	334	(P)	47	05.78	-0.9
MBC	63.20	353	eP	47	26.50	-0.5
	1.0s	7.00nm			4.6mb	
SVW	64.33	331	eP	47	33.22	-1.4
	0.8s	31.72nm			5.3mb	
LIC	86.17	85	(P)	49	38.00	-1.7
KIC	86.41	84	(P)	49	39.40	-1.5
WB2	134.91	256	ePKP	56	14.90	-2.9X
	0.6s	1.80nm				
WRA	134.93	256	PKP	56	18.20	0.4
	0.6s	0.70nm				
CHG	144.85	341	ePKP	56	34.00	-1.7
LOE	145.14	335	ePKP	56	35.00	-1.2
BDT	146.29	340	ePKP	56	39.00	0.9
HYB	146.99	16	ePKP	56	40.00	0.7
	1.0s	30.00nm				
NST	147.34	337	ePKP	56	50.00	10.2X
GBA	150.28	20	PKP	56	49.90	5.5X
NNT	150.29	335	ePKP	56	41.10	-3.3X

S.D. = 1.0 on 106 of 116 obs.

* NOV 25, 1992 10h 42m 31.39±1.26s
 38.625 N ± 6.0km 24.087 E ± 19.7km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)
 ML 3.0 (ATH).

ATH	0.71	204	ePb	42	44.20	-1.2
		eSb	42	54.50		
PAIG	1.34	346	ePb	42	55.68	-0.3
		eSb	43	13.24		
AGG	1.43	287	iPb	42	57.44	0.1
		eSb	43	16.16		
OUR	1.71	357	iPb	43	01.46	0.1
		iSb	43	23.66		
VLI	2.11	206	ePb	43	08.50	1.3
SOH	2.27	346	ePn	43	09.52	0.0
SRS	2.52	351	ePn	43	13.04	0.0
		eSn	43	42.64		
KNT	2.69	341	ePn	43	15.56	0.0

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

NOV 25, 1992 12h 43m 21.02±0.85s
 11.689 N ± 6.0km 87.412 W ± 6.6km
 DEPTH = 59.0 ± 8.7 km

4.7mb (16 obs.) NEAR COAST OF NICARAGUA (74)

VCR	2.34	131	eP	44	01.90	4.0X
JCR	2.91	129	ePd	44	04.30	-1.6
SJS	3.73	117	ePc	44	18.70	1.2
QCR	3.91	125	ePd	44	20.20	0.3
BUS	4.17	120	ePc	44	24.30	0.3
LIO	4.61	111	ePd	44	23.00	-6.8X
ACR	5.15	125	ePd	44	37.20	-0.3
PPM	13.06	306	iP	46	26.00	-0.2
ILI	13.40	301	iP	46	29.70	-0.7
BMG	14.87	107	eP	46	54.00	4.6X
SDV	16.74	98	eP	47	12.00	-0.6
TOV	17.41	95	ePc	47	23.30	1.7
CAR	20.14	91	eP	47	52.00	-1.1
JSC	23.18	13	eP	48	23.57	0.3
UYO	23.28	345	iPc	48	24.90	0.6
MIAR	23.44	347	ePc	48	26.15	0.4
	0.8s	43.25nm			5.0mb	
LHS	23.47	14	eP	48	27.63	1.6
OLY	23.99	352	eP	48	30.46	-0.7
TKL	24.09	7	eP	48	32.00	0.7
MEO	25.14	338	iPc	48	41.90	-0.3
FNO	25.15	340	iPd	48	42.30	0.0
WMOK	25.17	338	eP	48	41.47	-1.0
	0.9s	37.50nm			4.9mb	
CEH	25.24	16	eP	48	43.18	0.1
	0.8s	44.41nm			5.0mb	
					4.9mb	
TUL	25.28	344	ePd	48	42.70	-0.7
	0.8s	168.10nm			5.6mb	
Z	20s	0.70um			4.2msz	
					4.4.60	
					48 49.20	
					48 52.50	
					49 00.10	
					53 42.00	
					57 55.00	
LNO	25.28	344	ePd	48	42.60	-0.7
					48 44.60	
ELC	25.54	357	eP	48	45.12	-0.7
RRO	25.66	339	iPc	48	47.50	0.5
BLA	26.18	13	eP	48	52.39	0.6
	0.8s	19.45nm			4.7mb	
NAV	26.20	12	eP	48	52.17	0.1
FVM	26.32	355	eP	48	51.57	-1.5
	0.7s	9.19nm			4.4mb	
TUC	29.72	317	eP	49	23.89	-0.1
	1.1s	8.70nm			4.4mb	
LVNJ	31.07	19	eP	49	35.91	0.3
JFWS	31.21	356	eP	49	35.18	-1.7
	0.8s	20.22nm			4.9mb	
GOL	32.12	333	(P)	49	44.28	-0.9
	0.8s	6.73nm			4.5mb	
PV08	32.79	328	eP	49	51.71	0.6
PV10	32.85	328	eP	49	50.94	-0.6
		iPcP	52	36.75		
PV09	32.99	328	eP	49	52.74	-0.1
		ePcP	52	38.28		
ZOBO	33.71	145	P	50	01.00	1.4
Z	20s	0.55um			4.3msz	
LPB	33.93	145	eP	50	03.00	1.7
	15s	1.67um			4.9mszX	
		LR	03	14.00		
SRU	34.17	327	eP	50	02.81	-0.1
CNCB	34.22	145	P	50	05.00	1.1
PLM	34.51	313	eP	50	07.32	1.4
RSNY	34.57	16	iPc	50	05.42	-0.6
	0.8s	39.38nm			5.4mb	
MSU	34.65	325	eP	50	08.53	1.4
EMUT	34.84	328	eP	50	08.84	0.1
RSSD	35.35	339	eP	50	13.60	0.6
	0.8s	5.55nm			4.5mb	
		iPcP	52	43.22		
DAU	35.51	328	eP	50	14.56	0.1
EEO	35.55	10	eP	50	17.00	2.7
CCH	35.72	144	eP	50	16.00	-0.4
DUG	36.18	326	eP	50	20.73	0.8
	0.8s	3.60nm			4.4mb	
HVU	37.29	328	eP	50	29.09	-0.1
PTI	37.88	330	(P)	50	35.00	0.8
SIV	37.89	136	P	50	40.40	6.0X
BONR	38.02	319	eP	50	37.22	1.6
HHA1	38.20	330	(P)	50	37.33	0.5
CBM	38.72	21	eP	50	40.05	-1.0

ULM	39.07	351	eP	50	45.50	1.6
LMN	39.11	25	eP	50	47.50	3.3X
LRM	40.14	333	eP	50	53.30	0.2
		i	52	59.40		
JAQ	43.03	10	eP	51	15.00	-1.3
SES	43.20	338	eP	51	17.00	-0.8
DPW	44.33	330	eP	51	26.52	-0.5
		iPcP	53	12.23		
FCC	47.25	355	eP	51	53.00	3.2X
BAO	47.53	124	e(P)	51	52.00	-1.9
		e	51	52.50		
		e	51	53.10		
		e	51	57.40		
		e	52	01.00		
		e	52	05.00		
		e	52	08.00		
BDF	47.62	124	e(P)	51	52.00	-1.6
		e	51	54.00		
		e	52	06.00		
		e	52	53.50		
VAO	52.50	131	(P)	52	30.00	-0.7
YKA	54.35	345	eP	52	41.20	-2.4
	0.8s	4.10nm			4.5mb	
MBC	66.77	352	eP	54	06.50	-1.4
	0.8s	4.00nm			4.5mb	
FBA	67.14	336	eP	54	10.68	0.3
	1.3s	6.03nm			4.4mb	
ASPA	139.02	247	ePKP	02	42.00	-0.8
	1.1s	4.10nm				
WB2	139.08	253	ePKP	02	43.50	-0.2
	0.7s	3.50nm				
		i	10	13.50		
WRA	139.09	253	PKP	02	41.00	-2.0
	0.8s	2.50nm				
GUN	140.10	9	PKP	02	39.48	-6.4X
HYB	147.93	26	ePKP	03	00.20	1.2
CHG	149.05	348	ePKP	03	05.90	5.2X
	0.9s	17.23nm				
LOE	149.71	342	ePKP	03	00.00	6.3X
MUN	150.32	223	ePKP	03	06.00	3.0X
	0.8s	17.00nm				
BDT	150.56	347	ePKP	03	10.00	7.1X
GBA	150.72	31	PKP	03	05.50	2.3
NST	151.01	344	ePKP	03	18.50	13.7X
KOD	153.54	35	ePKP	03	16.00	9.0X

S.D. = 1.1 on 68 of 81 obs.

* NOV 25, 1992 12h 55m 28.25±0.51s
 56.177 S ± 11.1km 26.770 W ± 12.6km
 DEPTH = 33.0km (normal)

0.8s 8.00nm
S.D. = 1.1 on 19 of 22 obs.
? NOV 25, 1992 13h 16m 20.87±6.75s
42.663 N ±62.1km 24.158 E ±12.1km
DEPTH = 10.0km (geophysicist)
BULGARIA (359)

SRS 1.60 195 iPb 16 48.92 -0.4
eSb 17 11.92
KNT 1.77 212 ePb 16 51.48 -0.3
eSb 17 15.44
VAY 1.79 222 iPn 16 51.40 -0.6
SOH 1.94 198 ePb 16 54.56 0.4
iSb 17 20.96
SKO 2.13 252 ePn 17 03.20 6.2X
i 17 29.00
GRG 2.15 218 ePn 16 58.20 0.9
eSn 17 27.92
ALN 2.26 141 ePn 16 58.84 0.0
eSn 17 29.32

S.D. = 0.7 on 6 of 7 obs.

? NOV 25, 1992 13h 29m 51.53±7.94s
11.374 N ±16.8km 59.439 W ±72.0km
DEPTH = 33.0km (normal)
NORTH ATLANTIC OCEAN (402)
MD 3.8 (TRN).

TBH 1.83 241 eP 30 21.15 0.0
eS 30 46.17
TRN 2.06 250 eP 30 24.49 0.0
eS 30 48.30
TPP 2.24 242 eP 30 31.34 4.3X
eS 30 56.20
GRW 2.31 290 eP 30 28.15 0.0
eS 30 56.04
SVB 2.59 317 eP 30 32.00 0.0
eS 31 02.67
SVV 2.60 318 eP 30 32.17 0.0
eS 31 03.11

S.D. = 0.0 on 5 of 6 obs.

* NOV 25, 1992 13h 54m 00.83±0.81s
33.012 S ±8.9km 68.455 W ±8.4km
DEPTH = 33.0km (normal)
MENDOZA PROVINCE, ARGENTINA (139)

MDZ 0.36 291 iP 54 09.60 0.2
iS 54 24.70
CFA 1.41 7 ePc 54 24.30 -0.2
S 54 41.60
RFA 1.75 180 ePc 54 29.30 -0.2
S 54 56.00
MRA 2.39 76 eP 54 39.00 0.5
S 55 08.00
TCA 3.68 64 eP 54 56.50 -0.3
(S) 55 47.50

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

* NOV 25, 1992 13h 57m 51.57±0.72s
20.072 S ±6.6km 69.109 W ±11.4km
DEPTH = 155.2 ± 9.3 km
5.0mb (1 obs.)
NORTHERN CHILE (123)

CNCB 3.42 18 iPd 58 45.70 0.1
LPB 3.65 15 P 58 49.20 0.7
1.0s 600.00nm
ANT 3.81 198 eP 58 50.20 0.1
ZOBO 3.88 14 P 58 52.00 0.3
CCH 3.88 47 eP 58 45.00 -6.4X
ARE 4.24 327 eP 58 55.00 -1.2
iS 59 44.00
HJA 4.65 133 iPd 59 01.90 0.7
SLA 5.71 145 ePc 59 15.50 -0.1
SIV 8.66 63 P 59 55.00 0.1
BAO 20.58 81 Pc 02 19.20 -0.8
e 02 22.50
BDF 20.65 81 e(P) 02 19.00 -1.8
e 02 23.10
VAO 20.80 102 eP 02 21.00 -1.2
LIC 68.18 74 P 08 38.40 0.9
TIC 68.36 74 P 08 39.70 1.1
KIC 68.49 74 P 08 40.40 1.0
0.6s 16.00nm 5.0mb

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

NOV 25, 1992 14h 31m 13.51±0.44s
45.484 N ±4.0km 9.961 E ±4.4km
DEPTH = 13.7 ± 2.8 km
NORTHERN ITALY (545)
ML 3.1 (LDG), 2.8 (VIE).

MDI 0.34 329 P 31 20.00 -0.7
SAL 0.42 72 P 31 24.00 1.9
eSg 31 30.00
BOB 0.80 207 P 31 29.00 0.2
VAI 0.92 295 P 31 31.00 0.3
eSg 31 44.00
TMA 0.98 310 iPc 31 32.90 0.9
VOL 1.06 341 iPc 31 33.40 0.1
OSS 1.21 6 ePc 31 35.50 -0.3
CTI 1.31 64 P 31 34.90 -2.6X
eSn 31 51.90
PCP 1.38 227 P 31 39.73 1.4
S 31 59.68
MME 1.39 158 P 31 38.50 -0.2
eSg 31 58.50
ORO 1.40 277 P 31 40.00 1.3
ORX 1.40 277 P 31 37.67 -1.0
S 31 57.40
MMK 1.51 293 ePd 31 41.90 1.5
LLS 1.54 335 iPc 31 41.90 1.1
OGA 1.57 28 iPg 31 41.00 -0.2
CKI 1.60 229 P 31 42.90 1.5
eSn 32 04.80
FIN 1.78 225 P 31 44.81 0.7
S 32 08.12
ROB 1.90 232 P 31 46.66 0.8
RSP 1.94 261 P 31 43.94 -2.5
S 32 07.99
SQTA 1.94 26 iPg 31 47.50 1.0
iSg 32 13.80
LSD 1.97 270 P 31 46.48 -0.6
S 32 13.14
BHB 2.01 252 P 31 45.50 -2.0
SFI 2.06 139 P 31 48.00 -0.1
eSg 32 13.00
WTTA 2.13 32 iPnc 31 48.50 -0.7
iPg 31 49.70
iSg 32 16.80
i 32 19.40
IMI 2.16 224 P 31 48.88 -0.7
DOI 2.16 244 P 31 50.30 0.6
WATA 2.16 31 iPg 31 52.30 2.5X
iSg 32 21.40
EMS 2.20 287 ePd 31 52.50 2.2
ENR 2.20 236 P 31 48.75 -1.5
STV 2.25 237 P 31 49.43 -1.5
PZZ 2.25 245 P 31 48.24 -2.8X
FVI 2.26 60 P 31 48.50 -2.4
eSn 32 14.00
LPG 2.26 271 Pn 31 51.20 -0.1
Sn 32 19.40
LPL 2.27 272 Pn 31 51.60 0.2
Sn 32 19.20
RRL 2.32 257 P 31 51.68 -0.4
BNI 2.36 261 P 31 52.40 -0.2
SBF 2.42 229 Pn 31 53.80 0.4
Sn 32 22.60
SLE 2.50 337 ePd 31 53.50 -0.9
TRI 2.68 84 e(Pg) 32 22.50 25.5X
e(Sg) 32 33.00
FEL 2.74 331 ePn 31 56.77 -1.2
VOY 2.81 77 ePn 32 03.70 4.8X
eSn 32 37.40
KBA 2.84 55 iPg 32 03.20 3.8X
i 32 08.40
iSg 32 39.10
PGF 3.02 194 Pn 32 01.20 -0.6X
Sn 32 35.80
FRF 3.05 232 Pn 32 01.80 -0.4X
Sn 32 38.20
BSF 3.21 318 Pn 32 03.70 -0.8X
Sn 32 40.10
LMR 3.28 230 Pn 32 04.20 -1.2X
Sn 32 42.80
CDF 3.46 329 Pn 32 06.60 -1.5X
Sn 32 45.70
HAU 3.54 317 Pn 32 08.20 -1.0X
Sn 32 48.20
VBY 3.72 88 e(Pn) 32 12.90 1.1X
LBF 4.42 292 Pn 32 20.40 -1.2X

SMF 4.42 287 Sn 33 10.00
Pn 32 20.60 -1.0
LOR 4.59 295 Sn 33 10.00
Pn 32 22.10 -1.9
SSF 4.75 292 Sn 33 13.80
Pn 32 24.80 -1.5
Sn 33 17.70
AVF 4.78 288 Pn 32 24.90 -1.8
S.D. = 1.2 on 36 of 54 obs.

? NOV 25, 1992 14h 53m 58.86±0.97
49.714 N ±8.6km 27.480 E ±9.1km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.9 (ISK).

KCT 0.81 125 iPg 54 14.80 0.1
iSg 54 27.30
DMK 1.13 11 iPg 54 20.00 0.1
eSg 54 34.00
EZN 1.25 225 ePn 54 22.10 0.0
YLV 1.45 95 ePn 54 25.00 -0.2
S.D. = 0.2 on 4 of 4 obs.

* NOV 25, 1992 15h 04m 03.39±0.93
40.317 N ±8.7km 29.469 E ±7.4km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.6 (ISK).

YLV 0.26 344 iPg 04 09.00 0.1
eSg 04 12.80
EYL 0.58 64 iPg 04 15.20 -0.1
KCT 0.85 266 iPn 04 19.80 -0.1
DST 0.96 223 iPn 04 21.80 0.1
BNT 1.18 272 ePn 04 25.40 -0.1
S.D. = 0.1 on 5 of 5 obs.

* NOV 25, 1992 15h 06m 10.96±1.83s
33.228 S ±5.1km 71.729 W ±15.3km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

IHA 0.21 20 iPc 06 14.70 -0.9
eS 06 21.20
LCCB 0.28 152 iPd 06 17.95 1.1
iS 06 27.24
ROCH 0.65 67 iPd 06 23.24 -0.9
(S) 06 34.80
LNV 0.77 160 iP+ 06 24.62 -1.4
iS 06 39.02
TACH 0.79 123 iP+ 06 26.56 0.3
iS 06 42.99
PEL 0.88 85 iPd 06 28.17 0.3
iS 06 44.69
SAN 0.92 104 iP 06 28.35 -0.2
(S) 06 49.26
PCH 1.09 111 iPd 06 31.97 0.5
(S) 06 52.74
JACH 1.10 61 eP 06 29.21 -2.5
iS 06 47.95
CHCH 1.14 128 iPd 06 32.15 -0.2
iS 06 52.48
FCH 1.21 95 iP+ 06 33.35 -0.4
iS 06 54.87
CACH 1.29 134 iP 06 34.63 -0.4
iS 06 56.65
MDZ 2.44 83 eP 06 55.90 4.3X
iS 07 33.60
RTCV 3.02 64 ePc 07 01.00 1.3
RTCB 3.03 56 eP 07 01.50 1.6
S 07 45.00
RFA 3.12 120 e(P) 07 01.20 0.1
RTLL 3.35 56 e(P) 07 05.00 0.6
CFA 3.36 62 e(P) 07 06.10 1.4
RTPR 5.31 58 ePd 07 33.10 0.8
TCA 6.33 75 eP 07 45.50 -1.2
S.D. = 1.1 on 19 of 20 obs.

? NOV 25, 1992 16h 09m 41.45±0.99s
61.290 N ±14.3km 8.650 E ±8.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 2.5 (BER).

HYA 1.20 265 iP 10 03.28 -0.5

25d 16h

iSg 10 19.88
 MOL 1.39 338 iPc 10 06.76 0.0
 eSg 10 23.39
 NRA0 1.51 110 Pg 10 08.55 0.0
 Lg 10 28.13
 SUE 1.90 265 eP 10 14.64 0.5
 eSg 10 41.50
 S.D. = 0.7 on 4 of 4 obs.

% NOV 25, 1992 16h 17m 22.38±0.74s
 43.125 N ±10.3km 0.643 W ± 5.5km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)

ATE 0.06 227 Pg 17 24.69 0.0
 Sg 17 27.01
 ESCF 0.07 133 Pg 17 24.69 -0.1
 Sg 17 27.33
 MADF 0.13 279 Pg 17 25.42 -0.1
 Sg 17 28.76
 OGE 0.13 71 Pg 17 25.62 0.1
 ISSF 0.15 229 Pg 17 25.94 0.0
 Sg 17 29.30
 ELYF 0.26 280 Pg 17 27.96 0.1
 S.D. = 0.1 on 6 of 6 obs.

NOV 25, 1992 16h 31m 24.25±1.27s
 11.577 N ± 5.8km 59.748 W ±12.0km
 DEPTH = 43.8 ± 11.3 km
 4.4mb (3 obs.)
 NORTH ATLANTIC OCEAN (402)
 MD 3.9 (TRN), 4.1 (FDF).

BOT 1.03 247 eP 31 49.52 7.0X
 eS 32 03.64
 FIG 1.15 249 eP 31 50.63 6.5X
 eS 32 05.21
 TBH 1.69 230 eP 31 52.92 1.1
 eS 32 11.81
 TRN 1.87 241 eP 31 54.75 0.4
 eS 32 11.76
 GRW 1.96 287 eP 31 53.60 -2.1
 eS 32 14.27
 TPP 2.09 233 eP 31 57.50 0.0
 eS 32 17.65
 SVB 2.23 319 eP 31 59.95 0.4
 eS 32 24.64
 SVV 2.25 321 eP 31 59.99 0.3
 eS 32 26.41
 SLW 2.69 335 eP 32 09.17 3.1X
 eS 32 38.21
 MVM 3.16 339 iPc 32 12.87 0.0
 BIM 3.19 336 iPc 32 13.57 0.3
 S 32 50.20
 CRM 3.36 340 iPc 32 15.72 0.2
 S 32 53.30
 FDF 3.42 337 iPd 32 17.02 0.5
 S 32 55.50
 MGG 4.58 341 eP 32 32.50 -0.3
 PAG 4.81 337 eP 32 36.63 0.5
 S 33 20.00
 BPA 5.81 340 eP 32 49.00 -1.2
 GUAN 6.02 255 iP 32 53.40 0.2
 eS 33 52.30
 OLLA 7.10 258 iP 33 07.70 -0.7
 eS 34 23.50
 TOV 10.03 261 ePn 33 52.40 3.5X
 SDV 11.04 257 eP 34 03.30 0.5
 eS 35 51.60
 SIV 27.42 183 P 37 11.80 3.7X
 ZOBO 28.90 197 P 37 21.00 -1.1
 e 42 42.00
 LRM 56.10 318 eP 41 02.60 0.8
 e 41 16.10
 SES 56.95 323 eP 41 09.00 1.4
 pP 41 22.00 46kmX
 YKA 63.99 335 eP 41 54.40 -0.8
 0.5s 1.40nm 4.3mb
 GEC2 70.48 42 eP 42 36.30 -0.2
 0.9s 2.31nm 4.1mb
 e 42 50.40
 BCAA 77.66 88 iPc 43 18.50 -0.1
 0.7s 9.00nm 4.9mb
 S.D. = 0.9 on 22 of 27 obs.

NOV 25, 1992 16h 52m 47.27±0.45s
 52.185 N ±10.6km 177.079 W ± 6.0km

DEPTH = 33.0km (normal)
 5.1mb (17 obs.) 4.3msz (1 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK 0.39 141 iPc 52 56.92 0.7
 SVW 14.74 44 eP 56 15.24 0.4
 0.9s 28.06nm 4.7mb
 TTA 15.52 38 eP 56 27.30 2.2
 1.1s 31.60nm 4.4mb
 IMA 18.21 31 eP 56 56.96 -1.9
 1.8s 39.90nm 4.3mb
 TOA 19.29 47 eP 57 09.00 -2.9X
 FBA 19.65 38 (P) 57 15.13 -0.7
 0.8s 6.14nm 4.0mb X
 MAT 34.96 261 eP 59 36.00 -2.1
 1.0s 11.00nm 4.7mb
 LRM 41.60 72 eP 00 34.80 1.1
 BONR 42.70 85 (P) 00 42.86 0.0
 DUG 44.66 79 eP 00 57.26 -1.2
 0.8s 2.65nm 4.2mb
 BJI 46.25 282 eP 01 12.50 1.6
 1.0s 20.00nm 5.0mb
 SRU 46.71 79 (P) 01 13.87 -1.0
 HHC 48.49 286 Pd 01 30.00 1.4
 1.0s 28.00nm 5.2mb
 GOL 49.43 75 eP 01 36.46 0.4
 0.8s 6.02nm 4.7mb
 BTO 49.56 287 P 01 38.00 1.1
 TIY 49.98 283 eP 01 41.50 1.4
 XAN 54.55 282 Pd 02 13.50 -0.8
 0.9s 9.00nm 4.8mb
 LZH 56.18 287 Pc 02 26.50 0.3
 1.4s 53.00nm 5.4mb
 Z 20s 0.25um 4.3msz
 sP 02 50.00
 GTA 56.25 292 eP 02 26.00 -0.7
 EEO 59.20 53 eP 02 42.00 -5.2X
 GYA 61.29 277 eP 03 02.00 0.2
 LSA 68.17 290 iPc 03 47.40 0.6
 0.8s 9.00nm 4.9mb
 KSH 68.91 307 P 03 51.50 0.7
 0.6s 30.00nm 5.5mb
 GUN 72.54 293 P 04 12.90 -0.2
 0.9s 118.00nm 5.9mb
 KKN 72.97 293 P 04 15.20 -0.3
 0.8s 53.00nm 5.6mb
 PKI 73.06 293 P 04 15.66 -0.5
 1.3s 47.00nm 5.3mb
 GKN 73.17 294 P 04 16.24 -0.3
 0.9s 63.00nm 5.6mb
 DMN 73.20 293 P 04 16.64 -0.3
 0.9s 51.00nm 5.5mb
 WRA 83.34 225 P 05 04.70 -7.3X
 0.8s 0.50nm 3.7mb X
 HYB 84.92 292 eP 05 10.00 -2.2
 POO 86.67 296 eP 05 24.50 -4.4X
 S.D. = 1.2 on 27 of 31 obs.

• NOV 25, 1992 17h 00m 06.34±1.53s
 35.002 S ±16.5km 69.956 W ± 8.0km
 DEPTH = 140.0km (geophysicist)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 3.7 (SAN).

CACH 1.03 329 iP 00 31.18 0.3
 IS 00 52.20
 CHCH 1.21 331 eP 00 32.68 0.2
 RFA 1.25 80 iPd 00 33.40 0.5
 PCH 1.45 341 iP+ 00 35.77 0.7
 IS 00 59.11
 TACH 1.57 329 iP 00 36.22 -0.1
 IS 00 59.13
 LNV 1.59 311 iPd 00 35.57 -0.9
 IS 00 56.07
 FCH 1.69 350 iPd 00 38.95 0.9
 IS 01 04.54
 PEL 1.95 342 iP+ 00 41.37 0.6
 IS 01 08.65
 LCCM 2.03 318 iP+ 00 40.55 -1.0
 IS 01 05.48
 ROCH 2.21 336 iP 00 43.91 -0.1
 IS 01 13.04
 MDZ 2.30 24 i(P) 01 18.70 33.6X
 JACH 2.37 347 iP+ 00 46.37 0.4
 IS 01 17.13
 RTCV 3.35 21 ePc 00 58.70 0.2
 RTCB 3.64 16 eP 01 02.60 0.2

CFA 3.68 23 ePd 01 03.00 0.1
 RTPR 5.51 33 ePd 01 25.30 -2.0
 S.D. = 0.8 on 15 of 16 obs.

& NOV 25, 1992 17h 00m 17.16s
 59.312 N 152.040 W
 DEPTH = 70.4km
 SOUTHERN ALASKA (2)
 <AEIC>.

HOM 0.40 30 eP 00 28.95 -0.3
 eS 00 38.45
 CNPM 0.46 62 iP 00 29.32 -0.6
 eS 00 38.55
 AUE 0.68 275 eP 00 31.48 -0.6
 eS 00 42.14
 OPT 0.70 300 eP 00 31.79 -0.5
 eS 00 42.57
 AUP 0.71 275 iP 00 31.89 -0.6
 eS 00 42.39
 AUI 0.71 272 iP 00 31.63 -0.8
 eS 00 42.67
 AUL 0.72 276 iP 00 31.95 -0.6
 SYI 0.73 195 eP 00 31.71 -0.9
 eS 00 42.47
 BRK 0.74 52 eP 00 32.35 -0.5
 eS 00 43.82
 ILIM 0.90 329 iP 00 33.92 -0.8
 eS 00 46.56
 CDD 0.91 246 iP 00 33.83 -1.0
 eS 00 47.34
 INE 0.91 326 eP 00 34.19 -0.8
 MCNL 1.19 265 iP 00 36.93 -1.4
 eS 00 52.36
 PDB 1.20 294 eP 00 37.81 -0.7
 eS 00 52.97
 RS1 1.21 343 eP 00 38.41 -0.4
 eS 00 53.93
 RSO 1.21 343 eP 00 38.40 -0.5
 RS2 1.21 343 eP 00 38.52 -0.4
 eS 00 53.64
 REF 1.23 345 eP 00 38.74 -0.3
 eS 00 53.97
 RDW 1.24 342 eP 00 38.48 -0.7
 RDT 1.28 352 eP 00 39.14 -0.5
 DFR 1.32 346 eP 00 39.00 -1.3
 S 00 56.20
 NCT 1.33 341 eP 00 39.97 -0.4
 NKA 1.49 15 eP 00 43.50 1.1
 SLKM 1.51 37 eP 00 42.09 -0.6
 SEW 1.53 58 eP 00 41.62 -1.3
 MPA 1.79 48 eP 00 45.86 -0.7
 SPU 1.88 360 eP 00 47.55 -0.2
 CKL 1.90 356 eP 00 47.87 -0.2
 CKT 1.90 358 eP 00 47.75 -0.3
 CKN 1.92 358 eP 00 48.31 0.0
 CP2 1.96 357 eP 00 48.83 -0.2
 CRP 1.96 358 eP 00 48.39 -0.6
 BGL 1.97 355 eP 00 48.92 -0.1
 CGLM 2.00 0 eP 00 48.75 -0.8
 NCG 2.10 358 eP 00 50.80 -0.1
 LTI 2.25 69 eP 00 51.97 -0.8
 SUA 2.25 16 eP 00 52.77 -0.2
 PMS 2.30 31 eP 00 52.62 -1.0
 KNIM 2.41 63 eP 00 53.83 -1.2
 PWA 2.58 24 eP 00 57.41 0.0
 PLRM 2.70 31 eP 00 57.97 -1.2
 KNK 2.76 39 iP 00 58.95 -1.0
 GHO 2.91 31 eP 01 01.35 -0.8
 GLI 2.93 55 eP 01 00.22 -2.2
 HIN 3.00 66 eP 01 02.01 -1.3
 SML 3.10 35 eP 01 03.87 -0.9
 FID 3.14 60 eP 01 02.56 -2.7
 VLZ 3.38 55 eP 01 07.29 -1.3
 CVA 3.40 66 eP 01 07.53 -1.3
 SCM 3.44 41 iP 01 08.82 -0.7
 50 obs. associated

% NOV 25, 1992 17h 11m 46.09±1.09s
 32.848 S ±12.7km 70.341 W ±16.6km
 DEPTH = 110.0km (geophysicist)
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.5 (SAN).

JACH 0.27 308 iP 12 02.08 -0.2
 IS 12 14.68
 PEL 0.41 224 iP+ 12 02.77 0.1

FCH	0.48	175	iS	12 15.49	
			iPd	12 03.41	0.0
			iS	12 16.91	
ROCH	0.58	257	iP	12 04.13	0.1
			iS	12 18.32	
PCH	0.78	191	iPd	12 05.55	0.0
			iS	12 20.68	
TACH	0.95	212	iPd	12 07.04	0.0
			iS	12 23.64	
CHCH	1.11	193	iPd	12 09.07	0.2
			iS	12 26.97	
LCCH	1.21	238	iP	12 10.02	0.2
			iS	12 28.71	
LVN	1.42	219	iP	12 11.79	-0.5
			iS	12 32.11	

S.D. = 0.3 on 9 of 9 obs.

& NOV 25, 1992 17h 11m 58.00s
36.812 N 121.555 W
DEPTH = 7.0km
CENTRAL CALIFORNIA (39)
<BRK>. ML 2.9 (BRK), 3.0 (GS).

SAO	0.10	118	iPd	11 59.85	-0.5
GCC	0.42	302	iPc	12 05.89	-0.5
COE	0.45	348	ePc	12 07.81	0.6
PRS	0.58	163	iPd	12 07.53	-0.6
			iS	12 14.54	
LLA	0.53	111	iPc	12 08.36	-0.3
			iS	12 16.29	
ARN	0.54	2	iPd	12 08.85	0.1
			S	12 16.46	
PCC	0.95	316	iPd	12 15.42	-1.0
			eS	12 29.46	
PRI	0.98	133	ePc	12 16.68	-0.3
			eS	12 37.16	
BKS	1.19	333	ePd	12 19.17	-1.3
			eS	12 37.06	
ZSP	1.26	334	iPd	12 20.09	-1.6
			iS	12 40.55	
PHAM	1.35	136	(P)	12 20.72	-2.4
HMR	1.35	352	(P)	12 23.60	0.4
PKEM	1.39	122	eP	12 23.88	0.1
FRI	1.49	83	ePc	12 24.36	-0.8
			eS	12 44.18	
CMB	1.54	37	ePn	12 24.98	-0.9
			S	12 43.21	
NTYM	1.88	331	eP	12 27.22	-2.5
BCH	2.01	143	ePn	12 30.13	-2.8
WMPM	2.17	68	ePn	12 34.32	-1.0
			S	13 03.47	
MEMM	2.25	67	ePn	12 36.03	-0.2
MTUM	2.45	76	eP	12 39.12	-0.1
WRCM	2.58	70	ePn	12 40.49	-0.6
ORV	2.74	1	iPd	12 44.88	1.6
ISA	2.74	114	ePn	12 41.55	-1.7
BONR	2.83	65	ePn	12 44.56	-0.2
MIN	3.53	359	ePd	12 59.94	5.5
TNP	3.68	69	(Pn)	12 57.83	1.1

26 obs. associated

& NOV 25, 1992 17h 24m 55.72±2.01s
60.397 N ±10.2km 4.957 E ±17.5km
DEPTH = 10.0km (geophysicist)
SOUTHERN NORWAY (535)
MD 1.4 (BER).

ASK	0.15	54	eP	24 59.36	0.3
			eS	25 01.82	
EGD	0.18	133	eP	24 59.78	0.0
			eS	25 02.73	
SUE	0.67	352	eP	25 09.00	0.0
HYA	0.98	37	iPd	25 14.03	-0.3
			eS	25 27.83	
NRA0	3.27	81	Pn	25 47.98	0.0
			Pg	25 53.78	
			Lg	26 36.69	

S.D. = 0.3 on 5 of 5 obs.

NOV 25, 1992 17h 47m 59.42±0.32s
13.491 S ±5.2km 166.497 E ±7.3km
DEPTH = 33.8km (normal)
5.4mb (27 obs.) 5.3Msz (20 obs.)
VANUATU ISLANDS (186)
CENTROID, MOMENT TENSOR (HRV)
Data Used: GDSN
L.P.B.: 27S, 49C

Centroid Location:
Origin Time 17:48: 9.0 0.5
Lat 12.885 0.05 Lon 166.43E 0.03
Dep 25.2 2.3 Half-duration 1.3
Moment Tensor: Scale 10¹⁷ Nm
Mrr=-1.63 0.05 Mlt= 0.11 0.08
Mff=-1.74 0.07 Mrt= 0.67 0.13
Mrf=-0.29 0.16 Mlf= 0.34 0.05
Principal Axes:
T Vol= 1.89 Plg=70 Azm= 7
N -0.04 19 165
P -1.85 7 258
Best Double Couple: Mo=1.9*10¹⁷
NP1: Strike= 8 Dip=42 Slip= 119
NP2: 151 55 67

BKM	4.48	158	iPc	49 07.90	1.1
			iS	50 08.00	
HNR	7.58	381	eP	49 51.00	0.5
SVO	7.85	383	eP	48 55.00	-59.2X
DZM	8.53	180	iPc	50 01.00	-2.0X
			iS	51 34.10	
VUN	12.36	113	eP	51 02.30	6.3X
SVA	12.39	113	eP	51 01.00	4.5X
RAB	16.98	382	eP	52 04.00	8.9X
BRS	18.86	221	eP	52 20.00	0.6
			i	52 31.00	
			iS	56 00.00	
LAT	20.35	288	eP	52 36.10	0.2
CTA	20.45	249	P	52 39.50	2.5X
RMQ	21.06	229	iPd	52 43.50	0.3
			i	52 52.00	
ARMA	21.73	217	eP	52 51.70	1.7
			1.1s	68.00nm	5.0mb
RIV	24.58	212	eP	52 58.00	-19.7X
OLP	24.59	235	iPc	53 19.10	1.2
CMS	26.10	223	eP	53 32.60	0.5
			1.2s	246.00nm	5.7mb
BWA	26.51	215	eP	53 34.70	-1.2
			iP	53 39.90	18kmX
QIS	26.63	251	eP	53 36.00	-1.1
CNB	26.67	212	eP	53 37.60	0.3
			1.4s	72.00nm	5.1mb
CAN	26.86	213	eP	53 39.30	0.2
			e	54 55.10	
STKA	29.25	227	iPc	54 03.80	3.1X
			eS	58 40.00	
TOO	30.42	214	eP	54 11.30	0.2
WB2	31.41	254	eP	54 17.80	-2.2
			0.6s	7.40nm	4.7mb
			i	54 24.10	
WRA	31.42	254	P	54 18.10	-2.0
			0.9s	3.10nm	4.1mb X
BFD	31.84	218	eP	54 24.00	0.5
			1.4s	108.00nm	5.5mb
ASPA	32.44	247	eP	54 25.40	-3.6X
			0.7s	10.80nm	4.9mb
Z	18s		0.50um		4.3MszX
			i	54 32.00	
ADE	32.96	225	e(P)	55 48.40	461kmX
FORT	39.30	238	eP	55 26.00	-1.2
WARB	39.40	245	eP	55 25.50	-2.6X
MBL	45.07	254	eP	56 15.00	0.6
			1.0s	57.00nm	5.4mb
WEEK	46.58	246	eP	56 23.00	-3.3X
NANU	49.10	252	eP	56 45.70	-0.3
HON	49.11	46	P	57 00.00	14.0X
Z	19s		2.55um		5.2Msz
MRWA	49.20	243	eP	56 46.00	-0.7
			0.6s	4.00nm	4.6mb
KKM	53.56	288	ePd	57 21.00	1.1
BAG	54.24	382	eP	57 23.00	-1.1
MAT	56.47	333	eP	57 39.00	-1.6
			1.5s	47.22nm	5.3mb
MDJ	66.84	332	eP	58 50.50	0.3
			1.9s	160.00nm	5.0mb
IPM	67.41	281	ePd	58 56.00	1.6
CN2	68.20	329	eP	58 58.50	-0.2
			1.0s	18.00nm	5.1mb
SNG	68.55	283	eP	58 57.00	-4.5X
BJI	70.84	321	eP	59 15.50	0.6
			2.0s	120.00nm	5.6mb
Z	20s		0.72um		4.9Msz
			eS	08 28.00	
NST	71.73	292	eP	59 28.00	7.2X
TIY	71.85	317	eP	59 21.70	0.5

XAN	72.30	313	eP	59 24.00	0.0
			1.8s	63.00nm	5.3mb
KMI	73.02	382	Pc	59 29.00	0.4
			1.9s	70.00nm	5.3mb
			pP	59 35.50	21km)
CHG	73.89	294	eP	59 34.00	0.6
			1.6s	139.17nm	5.7mb
HHC	74.16	320	P	59 35.40	0.7
			1.4s	31.00nm	5.1mb
BTO	75.00	319	eP	59 40.00	0.4
			N 13s	0.32um	
			E 13s	0.38um	
SPA	76.60	180	iPc	59 46.50	-1.8
			1.2s	58.45nm	5.5mb
LZH	76.94	312	Pc	59 52.00	1.3
			2.0s	64.00nm	5.3mb
Z	20s		0.94um		5.1Msz
N	18s		0.71um		
			sP	00 04.00	
			S	09 40.00	
YAK	80.61	343	eP	00 10.00	0.1
			1.7s	95.00nm	5.5mb
GTA	81.27	314	Pc	00 15.00	0.9
			2.0s	140.00nm	5.6mb
Z	20s		0.87um		5.1Msz
			pP	00 26.00	35km)
			PP	03 24.00	
PMR	82.59	20	P	00 30.00	9.8X
			Z 19s	1.35um	5.3Msz
MAW	82.74	282	P	00 22.00	1.0
LSA	84.27	382	iPc	00 31.00	0.9
IRK	84.49	327	ePd	00 30.20	0.1
			2.0s	66.00nm	5.5mb
Z	16s		0.76um		5.2MszX
E	13s		0.33um		
			e	01 02.00	
			eSKS	10 56.00	
			e	11 05.00	
			eSS	21 05.00	
			e	22 55.00	
			LR	45 20.00	
IMA	84.66	15	eP	00 32.00	1.9
WDC	84.75	46	P	00 40.00	8.3X
Z	19s		0.91um		5.2Msz
CMB	85.36	49	P	00 40.00	5.1X
			Z 19s	2.30um	5.6Msz
FBA	85.41	18	eP	00 34.30	-0.2
			0.8s	13.30nm	5.2mb
ISA	85.98	52	P	00 50.00	12.0X
Z	21s		0.95um		5.2Msz
GUN	88.14	299	PKP	00 48.82	-0.2
			0.8s	37.00nm	5.7mb
PKI	88.45	299	PKP	00 50.16	-0.3
			0.6s	23.00nm	5.7mb
KKN	88.62	299	PKP	00 50.78	-0.4
DMN	88.72	299	PKP	00 51.50	-0.2
			0.6s	41.00nm	5.9mb
GKN	89.23	299	PKP	00 53.10	-0.9
			0.7s	30.00nm	5.7mb
TUC	91.08	57	P	01 10.00	7.6X
Z	19s		0.99um		5.3Msz
WMO	91.33	315	P	01 04.00	0.8
			2.0s	45.00nm	5.5mb
			pP	01 09.00	16kmX
			sP	01 12.00	
HYB	92.04	287	eP	01 06.00	-0.9
GBA	92.22	283	P	01 08.00	1.1
ALO	95.22	55	P	01 30.00	8.5X
Z	20s		1.02um		5.3Msz
POO	96.65	287	eP	01 24.50	-3.6X
YKA	96.80	27	eP	01 28.50	0.8
			0.6s	0.40nm	4.1mb X
GOL	97.07	51	P	01 40.00	10.1X
Z	19s		1.18um		5.4Msz
GLD	97.19	51	P	01 40.00	9.7X
			Z 19s	1.09um	5.3Msz
RSSD	98.88	47	P	01 50.00	12.2X
Z	20s		1.21um		5.4Msz
WMOK	101.39	57	Pdiff	02 00.00	10.0X
			Z 20s	0.74um	5.2Msz
MIAR	105.62	58	PKP	06 30.00	8.7X
Z	22s		0.39um		4.9Msz
FVM	108.42	54	PKP	06 40.00	13.5X
Z	19s		1.72um		5.6Msz
SLM	108.60	54	PKP	06 40.00	13.2X
Z	20s		1.02um		5.4Msz

PGZ	3.01	182	P	56	11.80	0.6
MNG	3.09	194	P	56	12.00	0.0
			S	56	48.10	
KIW	3.46	200	P	56	16.00	-0.1
MTW	3.62	191	P	56	17.50	-0.5
CAW	3.65	196	P	56	18.00	-0.4
AMW	3.73	188	P	56	19.00	-0.2
DIW	3.74	211	P	56	19.20	-0.2
BLW	3.83	191	P	56	20.00	-0.4
MRW	3.86	200	P	56	20.40	-0.3
			S	57	04.90	
MOW	3.91	193	P	56	21.00	-0.5
TCW	3.97	204	P	56	22.10	0.0
KHZ	5.29	204	P	56	38.30	0.1
			S	57	37.90	
LTZ	6.07	210	eP	56	47.90	-0.2
	S.D. = 0.7	an		27	of 27	obs.
<hr/>						
NOV	25,	1992	17h	58m	14.41±	0.99s
	13.538	S ± 4.9km		166.344	E ± 4.4km	
	DEPTH =	59.8 ±	8.7	km		
		5.6mb (46 obs.)				
VANUATU ISLANDS						(186)
CENTROID, MOMENT TENSOR						(HRV)
Data Used: GDSN						
L.P.B.: 32S, 68C						
Centroid Location:						
Origin Time 17:58:15.5 0.4						
Lot 13.42S 0.05 Lon 166.56E 0.03						
Dep 19.0 BDY Half-duration 2.00						
Moment Tensor; Scale 10**17 Nm						
Mrr=-3.90 0.09 Mtt=-0.20 0.13						
Mff=-3.70 0.14 Mrt= 1.80 0.23						
Mrff=-1.68 0.29 Mtf= 1.28 0.09						
Principal Axes:						
T Val= 4.74 Plq=70 Azm= 25						
N -0.06 13 155						
P -4.68 15 248						
Best Double Couple:Mo=4.7*10**17						
NP1:Strike=356 Dip=32 Slip= 115						
NP2: 147 61 75						
<hr/>						
BKM	4.50	156	iPc	59	21.00	-0.6
			iS	00	21.90	
PVC	4.59	156	iP	59	27.40	4.6X
HNR	7.48	302	eP	00	02.00	-1.3
DZM	8.49	179	iPc	00	13.20	-4.1X
			iS	01	44.00	
VUN	12.48	112	eP	01	11.10	-0.3
SYA	12.51	113	eP	01	11.00	-0.8
BRS	18.73	221	iP	02	30.20	-0.7
	1.8s	17.00nm			4.0mb	X
PMG	19.24	280	eP	02	36.50	-0.4
	1.2s	159.38nm			5.1mb	
CTA	20.29	249	iPd	02	48.00	0.0
	1.3s	173.08nm			5.2mb	
		i	02	56.00		
RMQ	20.92	229	iPd	02	55.50	1.2
	1.0s	414.00nm			5.7mb	
		i	03	09.00		
ARMA	21.60	217	eP	03	02.00	0.7
	1.4s	175.00nm			5.3mb	
		e	03	58.10		
QLP	24.44	235	iPc	03	30.30	1.4
	1.1s	280.00nm			5.7mb	
RIV	24.46	212	eP	03	0	

Z	18 s	12.70um		5.7Msz
		eS	09 41.80	
ADE	32.82	225 e(P)	04 45.60	1.2
KNA	36.39	262 eP	05 14.80	-0.3
WARB	39.24	245 eP	05 39.00	0.0
PMO	44.31	98 iPc	06 22.40	1.9
	1.7 s	741.10nm		6.2mb
VAH	44.55	98 iPc	06 24.20	1.8
	1.3 s	207.90nm		5.8mb
RUV	44.79	98 iPc	06 26.20	1.9
	1.7 s	475.00nm		6.0mb
MBL	44.91	254 eP	06 22.00	-3.2X
MEEK	46.43	246 eP	06 35.30	-1.9
NANU	48.95	252 eP	06 58.00	1.1
HON	49.25	46 P	07 00.00	0.8
Z	19 s	2.50um		5.2Msz
MUN	49.28	239 eP	06 59.00	-0.3
	1.0 s	40.00nm		5.4mb
KKM	53.44	288 ePd	07 33.00	2.0
BAG	54.14	302 eP	07 36.00	-0.2
KAKJ	55.31	334 P	07 43.80	-0.4
CHJJ	55.68	333 P	07 44.60	-2.3
MAT	56.44	333 iPc+	07 51.10	-1.3
	1.8 s	195.45nm		5.9mb
Z	20 s	2.13um		5.2Msz
		eS	16 46.00	
MTMJ	56.66	333 P	07 53.30	-0.7
YAMJ	57.04	335 eP	07 57.20	0.6
OFUJ	57.19	337 eP	07 57.10	-0.5
QZH	60.26	309 eP	08 20.00	0.9
ASAJ	61.31	341 eP	08 26.30	0.3
SSE	62.04	316 P+	08 32.00	0.9
	1.0 s	21.00nm		5.2mb
Z	20 s	1.80um		5.2Msz
N	16 s	1.00um		
E	16 s	1.00um		
		S	13 50.00	
GZH	63.37	305 eP	08 40.00	0.0
YSS	63.89	342 iPc	08 42.80	-0.2
	0.9 s	30.00nm		5.3mb
Z	16 s	2.20um		5.4Mszx
N	16 s	1.30um		
NJ2	64.20	316 eP	08 45.00	-0.3
CSY	64.30	202 eP	08 44.70	-0.8
	0.7 s	13.00nm		5.0mb
SMY	66.33	5 P	09 00.00	1.4
Z	21 s	3.26um		5.5Msz
MDJ	66.81	332 eP	09 02.40	0.5
	1.9 s	290.00nm		5.9mb
Z	20 s	1.85um		5.3Msz
		S	17 56.00	
IPM	67.27	281 ePc	09 06.00	0.6
	1.3 s	68.10nm		5.5mb
SNY	67.72	327 iPc	09 07.50	-0.1
Z	20 s	1.28um		5.1Msz
		pP	09 22.00	52kmx
		S	18 06.00	
CN2	68.17	329 Pc	09 10.50	0.1
	1.4 s	110.00nm		5.6mb
Z	16 s	1.27um		5.2Mszx
N	14 s	1.04um		
E	14 s	1.25um		
		ePp	09 23.00	43kmx
GYA	70.30	305 P	09 24.60	0.6
	1.2 s	49.00nm		5.3mb
Z	36 s	1.61um		5.0Mszx
		pP	09 35.00	33kmx
BJ1	70.78	321 ePc	09 27.00	0.6
	1.6 s	100.00nm		5.5mb
Z	20 s	1.59um		5.3Msz
		eS	18 40.00	
LOE	70.80	294 eP	09 28.00	1.0
NST	71.61	292 eP	09 38.00	6.1X
TIY	71.78	318 Pc	09 33.00	0.3
Z	24 s	1.89um		5.3Mszx
N	15 s	1.03um		
XAN	72.23	313 Pc	09 36.00	0.7
	1.5 s	21.00nm		4.8mb
Z	15 s	1.17um		5.3Mszx
		pP	09 46.50	34kmx
		S	18 59.00	
KMI	72.92	302 Pc	09 41.50	1.7
Z	25 s	0.70um		4.8Mszx
		pP	09 47.50	19kmx
		sS	19 22.00	
CHG	73.77	294 iPc	09 45.90	1.3
	1.0 s	41.50nm		5.3mb

[illegible]

25d 18h

LMR	145.61	334	ePKP	17 48.10	0.4
	1.2s	112.15nm			
RJF	145.82	341	ePKP	17 48.90	0.9
	2.1s	400.20nm			
CAF	145.97	340	ePKP	17 49.80	1.5
	1.5s	49.10nm			
LPO	146.48	341	ePKP	17 50.70	1.6
	1.4s	48.80nm			
BCAO	146.98	257	iPKPd	17 50.10	-0.7
	1.0s	125.00nm			
		ic	17 58.90		
EPF	148.23	340	ePKP	17 52.10	0.1
	1.9s	91.60nm			
EGRA	149.19	340	ePKP	17 57.81	4.4X
ECRI	149.47	344	ePKP	17 58.89	4.9X
EROD	150.16	338	ePKP	18 00.52	5.5X
ETOR	150.99	342	ePKP	18 02.58	6.2X
ECHE	151.74	339	ePKP	17 59.00	1.5
GUD	151.74	345	iPKPc	18 04.37	6.8X
TOL	152.43	344	iPKPc	18 06.50	8.1X
	1.7s	96.15nm			
EPLA	152.75	347	ePKP	18 05.80	6.9X
EVIA	153.12	340	ePKP	18 06.53	7.0X
ELUO	154.65	342	ePKP	18 06.30	4.7X
ENOR	154.68	344	ePKP	18 10.80	9.3X
EGUA	155.10	340	ePKP	18 10.90	8.8X
EVAL	155.27	347	ePKP	18 12.00	9.7X
MAL	155.47	342	ePKP	17 51.00	-11.6X
KIC	168.69	232	PKP	18 15.60	-0.7
LIC	168.82	230	PKP	18 15.80	-0.6
TIC	169.08	232	PKP	18 15.80	-0.8
S.D. = 1.1 on 135 of 215 obs.					

• NOV 25, 1992 18h 36m 21.11±0.52s
 13.578 S ± 6.5km 166.299 E ± 11.9km
 DEPTH = 33.0km (normal)
 5.0mb (12 obs.) 4.8Msz (1 obs.)
 VANUATU ISLANDS (186)

BKM	4.48	156	iPc	37 29.60	1.1
			iS	38 27.00	
SVO	7.73	304	eP	37 17.00	-57.2X
DZM	8.45	179	iPc	38 22.10	-2.2
			iS	39 55.40	
ARMA	21.55	217	eP	41 14.00	4.2X
	0.9s	17.00nm			4.5mb
QLP	24.38	235	eP	41 45.00	7.4X
CMS	25.90	223	eP	41 53.20	1.3
	1.1s	111.00nm			5.4mb
STKA	29.05	227	eP	42 24.90	4.3X
TOO	30.24	214	iPd	42 42.40	11.2X
	1.0s	39.00nm			
WB2	31.20	254	eP	42 38.90	-0.9
	0.6s	3.20nm			4.3mb
WRA	31.21	254	P	42 39.70	-0.2
	0.8s	1.40nm			3.8mb X
BFD	31.65	218	eP	42 44.50	0.9
ASPA	32.23	247	eP	42 49.00	0.2
	0.9s	5.60nm			4.5mb
WAR8	39.19	245	eP	43 48.00	0.0
MBL	44.86	254	eP	44 37.20	2.8X
MAT	56.46	333	(P)	45 55.00	-7.2X
MDJ	66.83	332	eP	47 11.50	-0.3
	1.0s	18.00nm			5.1mb
CN2	68.18	329	eP	47 19.60	-0.7
	1.0s	18.00nm			5.1mb
BJI	70.78	321	eP	47 36.00	-0.3
TIY	71.78	318	eP	47 42.00	-0.5
XAN	72.22	313	P	47 45.60	0.4
CHG	73.75	294	eP	47 55.00	0.7
HHC	74.10	320	P	47 56.80	0.7
	1.4s	25.00nm			5.0mb
BTO	74.94	319	eP	48 00.90	0.0
SPA	76.51	180	iPd	48 06.50	-3.0X
	0.9s	10.45nm			4.8mb
LZH	76.85	312	eP	48 13.00	1.1
	1.5s	30.00nm			5.1mb
Z	18s	0.40um			4.8Msz
		sP	48 26.00		
GTA	81.19	314	P	48 35.60	0.2
	1.5s	29.00nm			5.1mb
		pP	48 42.50	22kmX	
		sP	48 46.00		
GUN	88.02	299	PKP	49 09.76	-0.4
PKI	88.32	299	PKP	49 10.84	-0.7
	0.6s	15.00nm			5.5mb
KKN	88.49	299	PKP	49 11.56	-0.7

	0.7s	14.00nm		5.4mb	
DMN	88.59	299	PKP	49 12.28	-0.5
GKN	89.10	299	PKP	49 13.96	-1.1
WMO	91.25	315	P	49 25.00	0.4
GBA	92.05	283	P	49 30.00	1.4
GEC2	138.20	333	ePKP	55 44.50	-0.3
	0.9s	0.84nm			
		e	55 51.10		
		e	55 59.70		
BCAO	146.93	257	iPKPc	56 01.30	0.4
	0.6s	28.00nm			
		ic	56 10.10		
S.D. = 0.9 on 27 of 35 obs.					

% NOV 25, 1992 20h 45m 30.04±0.83s
 44.562 N ± 6.0km 7.246 E ± 8.5km
 DEPTH = 10.0km (geophysicist)
 NORTHERN ITALY (545)
 ML 1.8 (GEN).

PZZ	0.12	241	P	45 41.05	-0.1
			S	45 43.11	
BHB	0.28	3	P	45 43.98	0.0
			S	45 47.55	
STV	0.32	170	P	45 44.85	0.1
ENR	0.36	159	P	45 45.49	0.0
			S	45 50.57	
ROB	0.52	121	P	45 48.51	-0.1
			S	45 56.38	
S.D. = 0.1 on 5 of 5 obs.					

• NOV 25, 1992 21h 42m 08.01±2.38s
 33.413 S ± 10.7km 72.980 W ± 19.1km
 DEPTH = 10.0km (geophysicist)
 OFF COAST OF CENTRAL CHILE (134)
 MD 4.1 (SAN).

LCCH	1.18	93	iP+	42 29.54	-0.5
			iS	42 45.21	
IHA	1.19	71	eP	42 29.50	-0.6
			iS	42 45.00	
LNv	1.42	113	iP+	42 33.55	-0.2
			iS	42 52.36	
ROCH	1.71	76	iP	42 37.05	-1.2
			iS	42 59.00	
TACH	1.72	99	iPd	42 37.65	-0.6
			iS	42 59.60	
PEL	1.94	83	iP	42 41.28	-0.1
			iS	43 05.76	
CHCH	2.01	106	iP	42 42.08	-0.3
			iS	43 07.31	
PCH	2.07	96	iP+	42 43.04	-0.3
			iS	43 08.68	
CACH	2.10	110	iPd	42 44.56	0.7
			iS	43 11.78	
JACH	2.13	71	iPd	42 43.20	-1.0
			iS	43 08.52	
FCH	2.25	89	iPd	42 46.30	0.1
MDZ	3.50	82	iP	43 14.80	11.1X
			iS	43 50.80	
RFA	3.98	111	ePc	43 11.20	0.7
RTCB	4.02	63	iPd	43 12.30	1.2
RTCV	4.06	69	eP	43 13.40	1.9
RTLL	4.34	63	ePd	43 16.50	0.8
TCA	7.39	76	eP	43 55.10	-3.5X
ZOBO	17.60	16	P	46 15.00	-0.7
SIV	20.41	35	P	46 51.00	3.0X
S.D. = 0.9 on 16 of 19 obs.					

% NOV 25, 1992 21h 59m 19.85±1.67s
 18.410 N ± 15.7km 66.787 W ± 8.9km
 DEPTH = 30.6 ± 13.5 km
 PUERTO RICO REGION (90)

APR	0.07	52	iP	59 24.50	-0.6
MCP	0.31	272	iP	59 28.60	1.1
PORP	0.38	158	iP	59 29.50	1.0
MGP	0.49	216	iP	59 28.70	-1.5
SJG	0.67	116	iP	59 33.80	0.7
LPR	0.88	96	iP	59 35.00	-1.0
CPD	0.91	114	iP	59 36.80	0.4
S.D. = 1.5 on 7 of 7 obs.					

NOV 25, 1992 22h 28m 58.01±0.59s
 43.116 N ± 7.0km 0.539 W ± 4.3km
 DEPTH = 10.0km (geophysicist)
 PYRENEES (378)

ML 3.1 (LDG). mbLg 2.7 (MDD).

ESCF	0.05	215	Pg	28 58.80	-1.4
			Sg	28 59.48	
OGE	0.07	43	Pg	29 00.43	0.0
ATE	0.12	256	Pg	29 00.36	-0.7
			Sg	29 02.25	
ISSF	0.21	245	Pg	29 01.95	-0.7
			Sg	29 05.24	
MADF	0.21	278	Pg	29 02.51	-0.1
			Sg	29 06.02	
ELYF	0.34	279	Pg	29 05.26	0.3
			Sg	29 10.20	
BOH	0.35	268	Pg	29 05.05	-0.2
			Sg	29 10.01	
EPF	0.65	97	Pg	29 10.40	-0.6
			Sg	29 20.90	
EGRA	0.94	170	iPgc	29 20.70	4.9X
			eSg	29 33.00	
ECRI	1.54	251	ePn	29 28.70	3.2X
			eSn	29 48.40	
LPO	2.00	38	Pg	29 36.50	4.3X
			Sg	30 04.10	
LFF	2.04	26	Pg	29 37.40	4.6X
			Sg	30 05.40	
EROD	2.40	163	ePn	29 38.60	0.7
			eSn	30 03.70	
ETOR	2.56	207	ePn	29 40.30	0.0
			eSn	30 05.50	
ETER	2.63	107	ePn	29 48.00	6.8X
			eSn	30 21.50	
RJF	2.64	33	Pg	29 47.90	6.5X
			Sg	30 23.30	
S.D. = 0.7 on 10 of 16 obs.					

NOV 25, 1992 22h 49m 42.18±0.71s
 36.606 N ± 7.8km 5.285 W ± 6.6km
 DEPTH = 18.8 ± 9.8 km
 STRAIT OF GIBRALTAR (385)
 mbLg 2.8 (MDD).

EJIF	0.21	224	iPgc	49 46.20	-1.3
			eSg	49 49.00	
ALJ	0.27	285	iP	49 50.00	1.6
LIJA	0.31	341	iP	49 49.00	0.0
MOMI	0.45	231	iP	49 52.00	0.6
GIBL	0.58	293	eP	49 53.00	-0.5
EHOR	1.22	1	ePg	50 03.20	-1.0
			eSg	50 20.00	
ELUO	1.25	40	ePn	50 05.40	0.6
			eSn	50 21.70	
EGUA	1.40	80	ePn	50 06.90	0.1
			eSn	50 27.00	
EVAL	1.52	310	ePn	50 08.20	-0.3
			iSn	50 29.00	
ECOG	1.53	64	ePn	50 08.90	0.1
			eSn	50 29.30	
S.D. = 1.0 on 10 of 10 obs.					

NOV 25, 1992 23h 25m 47.67±0.27s
 51.352 N ± 6.2km 178.627 W ± 2.9km
 DEPTH = 33.0km (normal)
 4.9mb (53 obs.)
 ANDREANOF ISLANDS, ALEUTIAN IS. (7)

ADK	1.32	66	iPnc	26	10.98	1.0
SMY	4.70	290	eP	27	02.20	4.2X
SDN	11.54	63	eP	28	32.24	-0.7
ANM	14.95	23	(P)	29	19.93	2.0
SVW	16.00	44	ePc	29	36.02	4.4X
	0.8s	78.76nm				4.9mb
KDC	16.39	57	eP	29	36.31	-0.2
	0.4s	9.11nm				4.3mb
TTA	16.77	38	eP	29	43.52	2.2
	0.8s	8.10nm				3.9mb X
CRP	17.59	45	eP	29	52.99	1.2
SLKM	18.23	49	eP	29	59.63	0.2
PMS	18.76	47	eP	30	05.00	-1.0
	0.6s	11.40nm				4.3mb
MGD	19.16	309	eP	30	06.00	-4.6X
SEY	19.32	318	eP	30	18.40	5.9X
IMA	19.42	31	eP	30	13.52	-0.3
	1.1s	28.50nm				4.5mb
FBA	20.90	38	eP	30	28.03	-1.1
	0.6s	8.78nm				4.3mb
MBC	33.59	22	eP	32	26.50	0.2
	0.5s	4.00nm				4.6mb

MAT	33.89	261 eP	32	31.00	1.7	PRM	67.81	63 eP	36	43.55	-0.7	FIN	84.64	355 P	38	19.49	0.7
YKA	35.17	46 eP	32	37.90	-2.1	NAO	67.92	355 P	36	42.80	-1.8	STV	84.65	356 P	38	17.98	-1.0
	0.6s	2.60nm			4.3mb		0.7s	2.90nm			4.5mb	ENR	84.66	356 P	38	17.89	-1.1
MCW	35.22	72 eP	32	41.64	1.0	NRA0	67.97	355 P	36	43.20	-1.7	FIR	84.86	353 eP	38	20.50	0.6
FMW	36.72	74 P	32	54.19	0.7	CEH	68.27	60 eP	36	45.93	-1.2	HVAR	84.94	349 iPd	38	19.40	-0.9
LON	36.72	74 eP	32	53.95	0.6		0.8s	15.41nm			5.1mb	IMI	84.95	355 P	38	20.63	0.2
MPOR	36.77	79 P	32	54.87	1.0	JSC	68.28	62 ePc	36	46.49	-0.7	ARV	85.00	352 Pd	38	21.30	0.7
MTMW	36.83	76 P	32	55.39	1.1	HFS	68.42	353 eP	36	45.70	-2.0	SBF	85.02	356 eP	38	20.80	0.0
NLW	36.98	72 P	32	56.00	0.5		0.4s	2.20nm			4.6mb		1.1s	57.65nm			5.7mb
ETW	37.20	72 P	32	57.79	0.4	SGS	69.50	62 ePc	36	54.77	0.1	FRF	85.36	356 eP	38	22.50	0.1
TBM	37.25	73 P	32	58.35	0.6	GUN	71.97	292 P	37	10.66	0.5		0.8s	12.75nm			5.2mb
SSOR	37.26	77 P	32	58.74	0.8		0.5s	684.00nm			6.9mb X	SKO	85.43	345 iP	38	23.20	0.4
CBSW	37.28	72 P	32	57.11	-0.9	KKN	72.41	292 P	37	13.02	0.4	ASS	85.45	352 Pd	38	23.30	0.3
NAC	37.32	74 P	32	59.16	0.8		0.6s	269.00nm			6.4mb X	LRG	85.48	356 eP	38	23.30	0.3
WTV	37.38	72 P	32	58.70	-0.2	PKI	72.50	292 P	37	13.54	0.2		1.2s	28.25nm			5.4mb
VLL	37.43	76 P	33	00.37	1.0		0.4s	104.00nm			6.1mb X	ASPA	85.54	223 eP	38	23.20	-0.3
GL2	37.70	75 P	33	02.44	0.9	GKN	72.62	293 P	37	14.00	0.2		0.7s	7.00nm			5.0mb
SAW	37.71	72 P	33	01.64	0.1		0.6s	247.00nm			6.4mb X	LMR	85.59	356 eP	38	23.70	0.2
EPH	37.76	72 P	33	02.30	0.3	DMN	72.64	292 P	37	14.50	0.4		0.7s	9.50nm			5.1mb
BRVW	37.94	74 P	33	04.37	0.8	KSP	77.40	350 eP	37	45.00	4.5X	EPF	85.99	1 eP	38	25.10	-0.6
VGB	37.95	75 eP	33	04.73	1.1	PRU	78.42	351 eP	37	45.50	-0.6		0.9s	7.35nm			4.9mb
BOD	37.98	307 eP	33	04.70	1.1	DOU	78.89	358 P	37	52.00	3.3X	AQU	86.09	351 P	38	26.70	0.6
	0.6s	10.00nm			4.9mb	GRF	78.99	354 iPd	37	50.20	0.9	POO	86.16	295 iPc	38	23.40	-3.4
MDW	38.02	73 P	33	05.04	0.9	KHC	79.35	352 eP	37	51.10	-0.2	PGF	86.25	354 eP	38	27.00	0.0
WAH2	38.07	73 P	33	05.14	0.6		1.0s	3.50nm			4.3mb		0.7s	20.50nm			5.5mb
CROR	38.10	76 P	33	05.64	0.7			e			46 53.00	SDI	86.69	351 P	38	28.80	-0.3
RSW	38.23	74 P	33	06.80	0.8	GEC2	79.63	352 ePd	37	52.40	-0.5	GBA	87.98	289 P	38	34.00	-1.6
DPW	38.34	71 eP	33	06.84	-0.1		0.6s	2.34nm			4.4mb	MGR	88.05	349 Pd	38	34.80	-0.8
PATW	38.38	74 P	33	08.70	1.5	ZST	79.92	349 eP	37	53.30	-1.0	STKA	89.96	213 eP	38	49.00	4.5
ET3	38.53	73 P	33	08.78	0.3			e			46 42.80	TIC	121.97	7 PKP	44	39.60	-0.6
J80	38.55	75 P	33	09.11	0.5			e			47 22.90	KIC	122.28	7 PKP	44	40.00	-0.8
NEW	38.79	70 (P)	33	09.29	-1.4	FLN	80.25	1 eP	37	55.70	-0.3	LIC	122.39	8 PKP	44	49.30	8.3X
	0.5s	1.25nm			3.9mb		0.7s	11.00nm			5.0mb	SLR	147.22	311 iPKPd	45	29.10	2.4X
LNOR	39.28	74 P	33	15.13	0.4	LDF	80.43	1 eP	37	56.60	-0.4		0.8s	22.39nm			
LBFM	39.50	82 eP	33	17.63	0.8		0.6s	18.50nm			5.3mb	BLF	151.05	311 ePKP	45	39.00	6.5X
SES	41.28	64 iPd	33	30.20	-0.9	GRR	80.62	2 eP	37	57.80	-0.2		1.0s	20.00nm			
LRM	42.78	70 eP	33	43.50	-0.3		0.8s	18.65nm			5.1mb		S.D. = 0.9 on 150 of 162 obs.				
BONR	43.74	83 eP	33	52.83	1.1	HAU	80.93	357 eP	37	59.60	-0.1		* NOV 25, 1992 23h 45m 51.15± 1.08s				
PTI	44.47	74 eP	33	58.18	0.8		0.7s	6.05nm			4.7mb		50.225 N ± 15.6km 18.924 E ± 6.8km				
HVU	44.85	75 eP	34	00.72	0.2	MLR	81.23	343 ePd	38	03.00	1.6		DEPTH = 10.0km (geophysicist)				
8JI	45.49	282 eP	34	06.00	0.7	WATA	81.30	353 iPd	38	02.20	0.4		POLAND (548)				
	1.0s	18.00nm			4.9mb	WTTA	81.37	353 iPd	38	02.80	0.6		ML 3.1 (WAR).				
DUG	45.77	77 ePc	34	07.78	0.0		0.6s	10.10nm			5.0mb						
	0.9s	11.06nm			4.8mb			i			38 14.30	RAC	0.49	253 eP	46	00.00	-1.1
BW06	46.21	72 eP	34	11.00	-0.3	K8A	81.41	352 iPd	38	02.50	0.1			eS	46	07.00	
	0.5s	3.77nm			4.6mb		0.8s	31.50nm			5.4mb	OJC	0.56	90 iPg	46	01.80	-0.8
GSC	46.34	85 eP	34	12.25	0.0			i			38 10.50			iSg	46	10.00	
DAU	46.59	76 ePc	34	14.35	-0.1	SOTA	81.44	353 iPd	38	03.00	0.5	SPC	1.35	140 ePn	46	16.80	0.8
ZAK	47.06	301 eP	34	19.00	1.5	LOR	81.74	358 eP	38	04.00	0.1			i(Sg)	46	34.50	
		e	35	49.00			0.8s	7.50nm			4.8mb			Lg	46	38.50	
MSU	47.19	79 eP	34	19.32	0.2	SSF	81.95	359 eP	38	05.10	0.1	VRAC	1.77	240 iPnc	46	22.20	0.3
EMUT	47.22	76 eP	34	18.94	-0.4		0.8s	10.75nm			4.9mb		0.5s	23.20nm			
PLM	47.58	87 eP	34	23.08	0.9	WB2	82.06	224 eP	38	04.90	-0.9			eSg	46	45.50	
SRU	47.83	77 eP	34	23.75	-0.3		0.9s	4.30nm			4.5mb	KSP	1.79	291 iPg	46	23.20	0.9
RSSD	48.67	68 eP	34	29.59	-0.9	WRA	82.07	224 P	38	05.70	-0.2			iS	46	46.60	
	0.6s	7.66nm			4.9mb		0.8s	1.90nm			4.2mb	PRU	2.83	267 ePg	46	40.00	2.8X
PV09	49.06	77 eP	34	32.83	-0.9	AVF	82.22	359 eP	38	06.50	0.1			e	47	13.00	
PV10	49.20	77 ePd	34	34.50	-0.2		0.7s	6.50nm			4.8mb			e	47	21.00	
PV08	49.31	76 eP	34	34.54	-1.1	PTJ	82.31	350 eP	38	07.20	0.2	KHC	3.64	255 ePg	47	06.00	17.3X
GOL	50.58	73 eP	34	45.38	0.1	SMF	82.36	358 eP	38	07.20	0.1			eSg	47	41.40	
	0.6s	19.70nm			5.3mb		0.8s	18.55nm			5.2mb	GEC2	3.67	250 Pn	46	55.70	6.4X
UER	51.16	307 eP	34	49.10	-0.1	LSF	82.78	360 eP	38	09.50	0.2			Pg	47	06.70	
NVS	54.26	315 eP	35	10.30	-1.9	MAF	82.80	359 eP	38	09.80	0.3			Sn	47	48.10	
	0.7s	8.00nm			4.9mb		0.7s	10.80nm			5.0mb			Sg	47	55.30	
		e	36	15.00		ORX	83.23	355 P	38	12.26	0.5		S.D. = 1.3 on 5 of 8 obs.				
ACO	56.26	72 iPc	35	25.50	-1.5	LPL	83.40	356 eP	38	13.70	0.9		NOV 26, 1992 00h 14m 05.02± 0.49s				
WMOK	57.80	73 eP	35	36.79	-1.1		0.6s	2.55nm			4.5mb		31.651 S ± 6.9km 69.628 W ± 6.2km				
	0.6s	11.23nm			5.1mb	LPG	83.42	356 eP	38	13.70	0.7		DEPTH = 129.1 ± 6.8 km				
SDF	60.06	349 iP	35	52.00	-1.2		0.6s	2.70nm			4.5mb		SAN JUAN PROVINCE, ARGENTINA (137)				
FVM	60.47	65 eP	35	54.28	-2.0	LSD	83.44	356 P	38	13.95	0.9		MD 4.4 (SAN).				
	0.6s	18.31nm			5.4mb	RJF	83.73	360 eP	38	14.70	0.5			iS	14	32.02	0.6
EEO																	

26d 00h

FCH	1.76	198	iPd	14	37.68	0.8
			iS	15	01.61	
SAN	2.00	206	iPd	14	39.50	0.1
			iS	15	05.82	
PCH	2.10	201	iPd	14	41.02	0.3
			iS	15	08.43	
IHA	2.19	231	e(P)	14	42.00	0.3
			e(S)	15	06.00	
TACH	2.28	209	iP	14	42.24	-0.7
			iS	15	11.05	
CHCH	2.43	200	iPd	14	44.64	-0.3
			iS	15	15.47	
LCCH	2.45	222	iP	14	44.38	-0.7
			iS	15	14.60	
CACH	2.59	198	iPd	14	47.55	0.5
			iS	15	19.46	
LVN	2.74	213	iPd	14	47.29	-1.6
			iS	15	19.49	
RTPR	3.00	64	iPc	14	52.30	0.2
			eS	15	22.20	
RFA	3.26	163	iPc	14	54.80	-1.0
MRA	3.41	104	iPc	14	57.70	0.0
			S	15	34.00	
TCA	4.31	87	iPc	15	08.00	-1.1
			(S)	15	53.20	
CYA	4.61	47	iPd	15	13.00	-0.9
FSA	6.39	31	eP	15	38.00	0.0
CNCB	14.85	6	eP	17	17.00	-13.2X
LPB	15.12	6	(P)	17	27.00	-6.4X
ZOBO	15.36	5	eP	17	41.00	4.4X
GBA	144.88	113	PKP	33	30.00	1.2

S.D. = 0.7 on 24 of 27 obs.

* NOV 26, 1992 00h 31m 38.37±2.16s
 31.426 S ±24.0km 69.844 W ±13.3km
 DEPTH = 148.3 ± 28.0 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 3.8 (SAN).

JACH	1.40	207	iPd	32	07.33	0.1
			iS	32	26.90	
MDZ	1.68	150	iP	32	09.70	-0.5
			iS	32	31.50	
ROCH	1.83	212	iPd	32	12.03	0.0
			iS	32	34.65	
PEL	1.85	202	iP+	32	12.09	-0.1
			iS	32	35.13	
FCH	1.93	191	iPd	32	13.81	0.5
			iS	32	37.54	
PCH	2.26	194	iP+	32	17.48	0.5
			iS	32	44.65	
TACH	2.41	202	iP+	32	18.42	-0.3
			iS	32	46.66	
LCCH	2.51	215	iPd	32	20.19	0.2
			iS	32	49.38	
CHCH	2.59	195	iPd	32	20.86	-0.2
			iS	32	51.67	
CACH	2.76	193	iP	32	23.80	0.5
LVN	2.85	207	iPd	32	23.40	-0.8
TCA	4.49	90	iP	32	46.00	0.1
			(S)	33	33.60	

S.D. = 0.5 on 12 of 12 obs.

* NOV 26, 1992 00h 39m 45.48s
 33.904 N 116.274 W
 DEPTH = 8.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.8 (PAS).

PLM	0.74	222	iPd	39	59.20	-1.0
PEC	0.74	269	iPc	39	59.06	-1.1
			eS	40	08.50	
SSK	1.22	285	eP	40	07.73	-0.7
GSC	1.46	343	ePn	40	10.90	-1.3
			eP	40	12.35	
GLA	1.48	125	eP	40	12.35	0.0
			eS	40	32.69	
ISA	2.52	315	ePn	40	25.40	-2.0
			eP	40	31.09	
BONR	4.36	338	eP	41	06.21	12.4

7 obs. associated

? NOV 26, 1992 00h 57m 49.44±5.55s
 18.675 N ±39.2km 66.052 W ±23.2km
 DEPTH = 10.0km (geophysicist)
 PUERTO RICO REGION (90)

LPR	0.40	155	iP	57	57.30	-0.4
SJG	0.57	189	iP	58	01.70	0.7
APR	0.68	251	iP	58	01.60	-1.3
PORP	0.83	222	iP	58	05.00	-0.5
MCP	1.04	256	iP	58	10.30	1.3

S.D. = 1.5 on 5 of 5 obs.

NOV 26, 1992 01h 16m 32.96±0.76s
 20.093 S ± 6.2km 69.502 W ±10.0km
 DEPTH = 115.9 ± 9.5 km
 4.4mb (2 obs.)

NORTHERN CHILE (123)

CNCB	3.57	24	iPc	17	28.80	0.7
ANT	3.69	193	eP	17	28.30	-0.9
LPB	3.78	21	Pc	17	31.40	0.6
	1.0s	720.00nm				
ZOBO	4.00	19	iPc	17	34.50	0.5
ARE	4.08	332	iPc	17	30.00	-4.7X
			iS	18	23.50	
CCH	4.17	50	P	17	35.30	-0.7
HJA	4.92	130	iPd	17	46.20	0.4
SLA	5.92	142	eP	17	59.00	-0.8
FSA	6.77	152	e(P)	18	13.00	1.8
NNA	10.71	318	eP	19	03.20	-1.2
	0.6s	6.00nm			4.6mb	
			eS	21	05.00	
BDF	21.02	81	Pd	21	08.70	-0.4
			e	21	10.00	
			e	21	27.10	
VAO	21.16	102	eP	21	08.90	-1.5
KIC	68.85	75	(P)	27	27.00	-0.4
			e	27	48.40	
JAO	73.78	356	eP	28	16.50	20.6X
SES	79.17	334	eP	28	48.00	21.7X
YKA	89.68	341	eP	29	18.90	0.3
	0.8s	1.60nm			4.2mb	
WRA	133.86	212	PKP	35	40.30	1.7
	0.7s	0.90nm				

S.D. = 1.1 on 14 of 17 obs.

* NOV 26, 1992 01h 25m 12.34±1.02s
 20.143 S ±13.1km 69.417 W ±30.1km
 DEPTH = 120.0km (geophysicist)

NORTHERN CHILE (123)

CNCB	3.58	23	P	26	07.80	0.1
ANT	3.66	194	eP	26	08.20	0.0
LPB	3.80	19	P	26	10.90	0.4
ZOBO	4.02	18	P	26	13.30	-0.4
CCH	4.14	49	P	26	15.00	0.0
WB2	133.86	212	ePd	41	22.40	6.3X
	0.3s	4.10nm				
WRA	133.86	212	Pd	41	23.50	7.3X
	0.6s	0.70nm				

S.D. = 0.4 on 5 of 7 obs.

? NOV 26, 1992 01h 43m 15.46±11.06s
 39.444 N ±17.0km 25.539 E ±96.5km
 DEPTH = 10.0km (geophysicist)

AEGEAN SEA (365)

MD 3.3 (ISK).

EZN	0.72	58	iPg	43	28.70	-0.9
			iSg	43	41.70	
IZM	1.70	127	ePn	43	45.00	-0.4
EDC	2.00	62	ePn	43	50.00	0.3
BNT	2.05	63	ePn	43	50.20	-0.1
KCT	2.31	69	ePn	43	54.60	0.4
DST	2.39	85	ePn	43	55.90	0.5

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

* NOV 26, 1992 02h 00m 42.08±3.12s
 31.773 S ±17.3km 71.476 W ±28.0km
 DEPTH = 33.0km (normol)
 NEAR COAST OF CENTRAL CHILE (135)
 MD 3.8 (SAN).

JACH	1.18	141	iPd	01	01.76	-0.6
			iS	01	15.42	
ROCH	1.26	162	iP	01	03.84	0.2
			iS	01	19.15	
PEL	1.52	154	iP+	01	06.92	-0.4
			iS	01	24.98	
LCCH	1.70	183	iP	01	10.54	0.7
TACH	1.93	167	iP	01	13.13	-0.1
			iS	01	36.45	

PCH	2.01	157	iP	01	14.44	0.0
RTCB	2.30	84	iPd	01	20.00	1.4
MDZ	2.48	117	e(P)	01	34.60	13.4X
RTLL	2.60	81	ePc	01	24.50	1.7
			S	01	56.00	
CFA	2.76	87	ePd	01	26.10	1.1
RTPR	4.51	72	e(P)d	01	50.30	0.5
MRA	4.94	99	e(P)	01	53.40	-2.4
TCA	5.89	88	eP	02	06.00	-3.5X
CYA	5.94	57	eP	02	08.00	-2.0

S.D. = 1.4 on 12 of 14 obs.

NOV 26, 1992 02h 05m 40.21±0.29s
 6.987 N ± 4.8km 76.595 W ± 4.7km
 DEPTH = 10.0km (geophysicist)
 5.2mb (47 obs.)

NORTHERN COLOMBIA (99)

BOG	3.44	133	iPc	06	41.00	5.7X
			iS	07	26.50	
BMG	3.49	88	iPc	06	34.00	-1.8
PSO	5.80	187	eP	07	10.50	1.7
SDV	6.20	72	ePnd	07	14.60	0.4
			iSn	08	23.20	
TOV	7.28	67	ePc	07	28.50	-0.8
			iPP	07	29.40	
			iS	08	50.20	
MORO	9.04	64	iP	07	52.00	-1.9
OLLA	10.14	72	iPc	08	05.00	-3.3X
LLAV	10.28	70	iP	08	08.60	-2.3
PCJ	10.70	357	iPd	08	17.71	1.0
GWJ	11.02	359	iPd	08	21.95	0.8
STH	11.03	359	iPd	08	21.03	-0.1
			S	10	18.75	
NNA	18.85	181	eP	10	06.50	3.7X
ARE	23.84	160	eP	11	00.00	5.1X
ZOBO	24.60	160	P	11	04.00	1.4
	0.9s	15.14nm			4.6mb	

S.D. = 0.9 on 15 of 15 obs.

LPB	24.83	160	eP	11	04.00	-0.7
			e	18	38.00	
CNCB	25.13	160	P	11	06.20	-1.5
			e	18	30.00	
HBF	26.05	353	eP	11	17.36	1.9
CCH	26.32	157	P	11	16.00	-2.5X
SGS	26.33	353	eP	11	18.33	0.3
JSC	27.50	352	eP	11	28.93	0.2
LHS	27.63	352	eP	11	29.84	-0.1
CEH	28.86	356	eP	11	47.86	6.9X
NAV	30.43	353	eP	11	55.66	0.5
OLY	31.50	336	eP	12	02.27	-2.2
UYO	31.68	331	iPd	12	04.40	-1.7
ELC	32.28	341	eP	12	11.89	0.6
FVM	33.31	340	eP	12	18.83	-1.5
	0.8s	34.98nm			5.3mb	
TBR	34.08	3	eP	12	26.89	0.0
BAO	36.17	129	e(P)	12	40.00	-5.2X
			e	12	44.00	
			e	12	47.50	
			e	12	50.40	

S.D. = 0.8 on 12 of 12 obs.

BDF 36.25 129 e(P) 12 43.00 -2.9X
 e 12 44.50
 e 12 47.90
 e 12 50.00

RSNY 37.46 2 eP 12 56.23 0.7
 0.8s 7.69nm 4.5mb
 ALO 39.09 320 ePd 13 08.65 -1.0
 0.7s 1.53nm 3.8mb X

EEO 39.56 357 eP 13 16.50 3.3X
 LMN 40.04 13 eP 13 21.00 3.9X
 GLD 41.52 326 eP 13 29.31 -0.3
 GOL 41.57 326 eP 13 28.93 -1.1

0.8s 3.58nm 4.2mb
 VAO 41.57 137 eP 13 28.60 -1.4
 PV10 42.85 322 eP 13 38.77 -1.8
 RSSD 44.08 332 eP 13 52.28 1.8

1.3s 9.49nm 4.5mb
 EMUT 44.82 322 eP 13 55.61 -1.0
 MSU 44.90 320 eP 13 56.33 -0.9

	61.95	341 eP	15 59.40	-3.0X	HFS	84.14	30 eP	18 12.30	-0.3			Sq	19 55.10					
	0.6s	7.90nm		5.1mb		0.5s	1.00nm		4.3mb	LOR	2.12	277 Pn	19 40.90	-1.4				
ANTZ	66.27	62 iP	16 32.50	1.3	CLL	84.35	39 iP	18 14.70	0.8			Pg	19 46.90					
EJIF	70.71	54 eP	16 59.20	0.6		1.3s	19.00nm		5.2mb			Sq	20 13.50					
IFR	70.73	57 eP	17 03.50	4.4X	KHC	84.89	41 eP	18 18.00	1.3	SMF	2.17	260 Pg	19 47.80	4.7X				
		i	17 12.50			1.0s	7.50nm		4.9mb			Sq	20 14.60					
TIC	71.00	85 P	16 59.70	-1.1			e	18 32.50		SSF	2.36	271 Pn	19 41.90	-3.8X				
	1.1s	21.00nm		5.2mb	BRG	84.98	39 e(P)	18 17.80	0.8			Pg	19 49.30					
LIC	71.03	86 P	17 00.20	-0.8	GEC2	84.99	42 eP	18 17.90	0.6			Sq	20 20.20					
	1.0s	21.00nm		5.2mb		0.9s	6.79nm		4.9mb	AVF	2.48	265 Pg	19 53.20	5.8X				
KIC	71.30	86 P	17 01.80	-0.8			e	18 20.40				Sq	20 24.40					
	1.1s	33.00nm		5.4mb	TRI	85.30	45 eP	18 19.50	0.8	S.D. = 1.2 on 7 of 10 obs.								
ELUQ	71.77	53 eP	17 05.10	0.0	PRU	85.44	40 P	18 20.90	1.6	* NOV 26, 1992 03h 58m 35.81±1.32s								
DCN	72.13	36 eP	17 07.00	0.2	ZST	87.31	42 iP	18 29.40	0.9	17.886 S ±12.4km 175.180 W ±11.7km								
	0.7s	57.00nm		5.8mb	OJC	88.76	40 eP	18 37.50	2.0	DEPTH = 223.7 ± 12.9 km								
GUD	72.16	50 eP	17 07.00	-0.5	NUR	89.47	29 eP	18 38.60	0.0	4.5mb (8 obs.)								
EGUA	72.27	54 eP	17 07.50	-0.5		0.8s	14.30nm		5.3mb	TONGA ISLANDS (173)								
ECOG	72.30	53 iPd	17 08.70	0.4	KAF	89.86	27 eP	18 38.40	-2.0	AFI	5.13	40 iP	59 53.60	0.4				
DMU	72.46	36 eP	17 08.90	0.1	SKO	91.32	48 iP	18 48.60	1.0			S	00 46.00					
	0.7s	51.00nm		5.7mb	BCAO	94.54	85 iPc	19 03.00	0.0	BKM	15.79	268 iPc	02 15.00	7.0X				
DLF	72.55	36 eP	17 09.20	-0.1		0.7s	6.00nm		5.1mb	DZM	17.76	253 iPc	02 31.00	0.8				
	0.8s	47.00nm		5.6mb	GKN	140.77	27 PKP	25 04.76	-8.3X	QRZ	25.19	202 eP	03 44.10	1.5				
EHUE	73.12	53 iPd	17 13.00	-0.1	KKN	141.24	26 PKP	25 06.54	-7.4X	KHZ	26.27	199 eP	03 51.60	-0.7				
EVIA	73.25	52 eP	17 14.00	0.1	DMN	141.32	26 PKP	25 06.42	-7.7X	LTZ	27.01	201 eP	03 57.10	-2.0				
ETOR	73.77	50 eP	17 16.70	-0.1	GUN	141.39	25 PKP	25 06.80	-7.6X	RMO	34.38	249 iPc	05 03.60	-0.1				
ECHE	74.51	51 eP	17 21.00	-0.1	PKI	141.49	26 PKP	25 06.72	-7.8X		0.4s	8.00nm		4.7mb				
EKA	74.88	35 Pd	17 22.70	-0.1	HYB	145.49	45 ePKP	25 19.70	-1.5	CTA	36.48	260 P	05 22.39	1.0				
	0.8s	11.40nm		5.0mb		1.0s	40.00nm			CMS	37.72	241 iPc	05 31.20	-0.5				
EGRA	75.18	48 eP	17 26.90	2.1	GBA	147.09	52 PKP	25 25.40	1.6		0.7s	14.00nm		4.7mb				
LPF	75.18	42 eP	17 24.60	-0.1	MUN	152.42	204 ePKP	25 37.00	5.4X	STKA	41.34	242 eP	06 02.20	0.8				
	1.1s	47.60nm		5.4mb	S.D. = 1.0 on 102 of 120 obs.						i	06 05.70						
GRR	75.34	42 eP	17 25.60	0.0	* NOV 26, 1992 02h 17m 59.39±0.85s				STK	41.35	242 P	06 06.09	4.6X					
	0.8s	24.20nm		5.3mb	4.930 S ±11.4km 138.200 E ±13.6km				WB2	47.64	259 iPd	06 50.60	-1.1					
FLN	75.63	42 eP	17 27.30	0.1	DEPTH = 33.0km (normal)					0.9s	21.20nm		4.5mb					
	0.9s	27.35nm		5.3mb	4.9mb (5 obs.)				WRA	47.66	259 P	06 50.70	-1.0					
MFF	75.65	44 eP	17 27.70	0.3	IRIAN JAYA, INDONESIA (201)				ASPA	47.76	254 iPd	06 51.90	-0.6					
EPF	75.72	47 eP	17 28.50	0.5	SLKI	7.50	246 ePd	20 05.30	16.1X		0.7s	7.50nm		4.2mb				
	1.3s	49.10nm		5.4mb	PMG	9.94	117 eP	20 23.00	-0.1		0.8s	160.90nm		5.5mb				
LDF	75.85	42 eP	17 28.60	0.1		1.1s	27.85nm		5.4mb	BCH	74.26	44 eP	09 50.04	-0.3				
	1.0s	32.40nm		5.4mb	KNA	14.19	220 eP	21 20.80	0.6	GSC	76.54	46 eP	10 02.44	-0.6				
LFF	76.13	46 eP	17 30.40	0.2	W82	15.39	194 eP	21 34.90	-0.9	TNP	77.81	43 eP	10 09.45	-0.7				
	0.8s	16.00nm		5.2mb		i	21 43.00				0.8s	3.67nm		4.2mb				
LPO	76.43	46 eP	17 31.90	0.0	QIS	15.59	175 eP	21 37.00	-1.5	BGL	80.96	11 eP	10 25.36	-1.0				
	0.9s	29.50nm		5.4mb		iS	24 22.10			SRU	82.80	45 eP	10 36.32	-0.1				
RJF	76.71	45 eP	17 33.40	0.0		0.3s	4.00nm		4.1mb	8ALM	82.94	15 eP	10 36.09	-0.5				
	1.0s	26.60nm		5.3mb	ASPA	19.08	192 iPc	22 25.20	3.1X	ALO	83.69	50 eP	10 43.00	2.0				
LSF	76.78	44 eP	17 33.60	-0.2		0.7s	37.10nm		4.7mb		epP	11 39.00	232kmX					
CAF	77.07	46 eP	17 35.60	0.1	QLP	22.29	166 eP	22 59.00	3.5X	MAW	84.90	199 P	10 47.00	0.7				
	1.1s	37.60nm		5.4mb		0.6s	34.00nm		5.0mb	FBA	85.15	11 iPd	10 46.49	-0.9				
TCF	77.25	44 eP	17 36.30	-0.1	RMQ	23.69	156 eP	23 14.00	4.8X		0.7s	17.44nm		5.0mb				
	1.1s	27.10nm		5.3mb	WARB	23.85	206 eP	23 14.00	3.2X	SES	88.20	35 eP	11 02.00	-0.5				
MAF	77.49	44 eP	17 37.80	0.0	STKA	27.00	174 eP	23 46.00	5.8X	RSSD	89.43	43 eP	11 07.50	-1.2				
	1.0s	18.20nm		5.1mb		iS	28 32.50				1.0s	3.25nm		4.2mb				
AVF	78.06	44 eP	17 40.60	-0.2	MRWA	32.02	219 iPd	24 27.30	2.1	KSP	145.87	347 iPKPd	17 50.20	1.1				
	0.8s	8.20nm		4.9mb		0.6s	10.00nm		4.9mb	CLL	146.02	351 iPKPd	17 50.00	0.7				
SSF	78.18	43 eP	17 41.30	-0.2	GUN	60.05	306 P	28 05.60	-0.7		1.3s	45.00nm						
	0.9s	11.45nm		5.0mb	KKN	60.49	306 P	28 08.54	-0.5	BRG	146.29	350 iPKP	17 51.60	1.8				
SMF	78.39	44 eP	17 42.60	-0.1	DMN	60.55	305 P	28 09.00	-0.6		1.3s	29.00nm						
	1.1s	38.85nm		5.4mb	GKN	61.09	306 P	28 12.52	-0.6	SPC	146.37	342 ePKP	17 51.40	1.2				
LOR	78.43	43 eP	17 42.60	-0.3	CNC8	146.29	130 PKP	37 41.00	2.2	MOX	146.87	352 ePKP	17 53.20	2.5X				
	1.2s	30.95nm		5.2mb	LPB	146.37	130 PKP	37 45.20	6.4X		1.4s	24.00nm						
LBF	78.50	44 eP	17 42.80	-0.5	ZOBO	146.49	130 PKP	37 43.70	4.5X	PRU	147.03	348 ePKPd	17 53.00	2.0X				
	1.3s	25.25nm		5.1mb	CCH	147.30	133 PKP	37 44.50	4.4X		0.9s	8.20nm						
DOU	79.03	40 Pd	17 46.90	0.8	SIV	151.79	138 PKP	38 00.00	13.3X	GRF	147.85	352 ePKP	17 56.10	3.8X				
	0.7s	20.00nm		5.3mb	S.D. = 1.4 on 10 of 20 obs.						e	17 59.40						
WLF	80.02	41 iPd	17 52.00	0.6	% NOV 26, 1992 02h 19m 06.35±0.81s	FRANCE (538)	ML 2.7 (LDG).	19 22.10	0.4	KHC	148.04	349 ePKP	17 56.00	3.3X				
LRG	80.13	47 eP	17 52.40	0.3	47.056 N ± 6.4km 6.951 E ±11.4km						1.0s	6.80nm						
	0.9s	8.20nm		4.7mb	DEPTH = 10.0km (geophysicist)					ZST	148.15	344 ePKP	17 56.60	3.8X				
LMR	80.24	47 eP	17 52.90	0.2						SRO	148.17	343 iPKP	17 56.60	3.7X				
	0.7s	6.05nm		4.7mb						GEC2	148.29	349 ePKP	17 53.70	0.5X				
FRF	80.33	47 eP	17 53.50	0.2							1.5s	3.10nm						
	1.0s	19.00nm		5.0mb	BSF	0.78	352 Pg	19 22.10	0.4	KBA	150.05	348 iPKPd	18 00.40	4.4X				
LPL	80.38	45 eP	17 54.20	0.4			Sq	19 32.40			0.7s	5.90nm						
	0.6s	6.20nm		4.8mb	HAU	1.03	337 Pg	19 26.60	0.7	WATA	150.11	351 iPKPd	18 01.00	4.9X				
LPG	80.40	45 eP	17 54.60	0.7			Sq	19 40.50		WTTA	150.17	351 iPKPd	18 01.40	5.2X				
	0.8s	7.50nm		4.7mb	FEL	1.09	41 ePg	19 25.53	-1.4		0.6s	15.60nm						
BSF	80.43	43 eP	17 53.50	-0.3	CDF	1.38	9 Pg	19 32.60	1.0	SQTA	150.28	351 iPKPd	18 01.50	5.2X				
	0.8s	16.10nm		5.1mb			Sq	19 50.40		VBY	151.12	345 ePKP	18 03.50	6.1X				
CDF	80.75	42 eP	17 55.50	0.0	LPL	1.55	186 Pg	19 34.60	0.4	SKO	152.11	333 iPKP	18 06.00	7.0X				
	0.7s	8.05nm		4.8mb			Sq	19 54.40		S.D. = 1.1 on 27 of 42 obs.								
PGF	82.08	48 eP	18 02.50	-0.1	LPG	1.56	185 Pg	19 34.90	0.4									
	1.0s	24.40nm		5.3mb														
NAO	82.69	30 P	18 06.50	1.3														
	0.9s	10.90nm		5.0mb														
GRF	83.31	41 iPd	18 10.10	1.4														

26d 04h

? NOV 26, 1992 04h 05m 53.21±1.81s
14.792 N ±13.7km 120.396 E ±85.0km
DEPTH = 104.8 ± 29.6 km
4.3mb (1 obs.)

LUZON, PHILIPPINE ISLANDS (249)

OVP 0.61 106 iP 06 10.50 0.0
e 06 26.00
TGY 0.86 143 iPc 06 13.00 0.2
iS 06 33.00
PGP 1.39 157 ePd 06 18.50 -0.2
eS 06 38.00
BCP 1.63 7 eP 06 22.00 0.3
eS 06 40.00
SZP 2.75 1 iPd 06 17.00 -19.4X
CVP 3.20 25 ePd 06 52.00 9.4X
e 07 09.00
PIP 3.52 3 iPd 06 46.50 -0.4
iS 07 35.50
NAO 86.42 332 P 18 25.00 0.1
0.6s 2.20nm 4.3mb
S.D. = 0.4 on 6 of 8 obs.

% NOV 26, 1992 04h 30m 49.88±1.40s
38.653 N ± 7.1km 30.854 E ±14.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)

MD 3.2 (ISK).

ALT 0.71 305 iPg 31 02.70 -1.2
ISg 31 12.70
KHL 1.10 253 ePn 31 10.00 -0.5
BCK 1.21 190 ePn 31 12.50 0.1
GPA 1.69 346 ePn 31 18.30 -1.3
DST 1.98 299 ePn 31 24.70 0.9
EYL 1.98 344 ePn 31 24.20 0.2
YLV 2.23 330 ePn 31 28.00 0.6
KCT 2.51 310 iPn 31 32.50 1.2
S.D. = 1.1 on 8 of 8 obs.

& NOV 26, 1992 04h 34m 23.89s
60.237 N 153.112 W
DEPTH = 129.2km
SOUTHERN ALASKA (2)
<AEIC>.

ILIM 0.17 154 iP 34 41.34 1.1
eS 34 55.09
RS1 0.28 38 iP 34 41.63 0.9
RS2 0.29 38 iP 34 41.60 0.8
RSO 0.29 38 iP 34 41.59 0.8
RDW 0.29 31 P 34 41.58 0.8
REF 0.32 39 iP 34 41.53 0.6
NCT 0.34 15 P 34 41.65 0.8
eS 34 55.49
DFR 0.41 30 iP 34 41.78 -1.0
RDT 0.49 46 eP 34 42.37 -0.8
PDB 0.71 231 iP 34 43.51 -1.0
AUL 0.87 191 eP 34 45.26 -0.6
HOM 0.94 128 eP 34 46.86 0.4
S 35 04.05
CKL 1.04 21 iP 34 46.67 -0.8
eS 35 04.43
NKA 1.06 60 iP 34 48.27 0.7
CKT 1.06 24 iP 34 46.81 -0.9
SPU 1.08 28 iP 34 46.87 -1.0
BGL 1.09 19 eP 34 47.52 -0.5
CKN 1.09 24 iP 34 47.24 -0.7
CP2 1.12 22 eP 34 47.75 -0.6
CRP 1.14 24 iP 34 47.71 -0.8
CNPM 1.18 126 eP 34 48.76 -0.1
S 35 06.98
CGLM 1.20 26 iP 34 48.16 -1.0
BRLLK 1.22 112 eP 34 49.62 0.4
eS 35 07.65
MCNL 1.22 211 iP 34 48.44 -0.8
NCG 1.26 21 eP 34 49.39 -0.4
CDD 1.34 192 eP 34 49.78 -0.7
SLKM 1.46 78 iP 34 50.59 -1.3
SVW 1.51 306 eP 34 50.27 -2.2
SYI 1.67 167 eP 34 53.31 -1.0
SUA 1.69 42 iP 34 53.59 -1.0
eS 35 16.99
SEW 1.84 93 eP 34 55.00 -1.2
MPA 1.88 81 P 34 55.18 -1.6
SKT 1.91 23 eP 34 56.10 -1.1
PMS 2.02 58 eP 34 56.94 -1.6

PTE 2.12 71 iP 34 57.50 -2.1
PLRM 2.37 53 eP 35 00.70 -2.2
GHO 2.56 51 eP 35 02.74 -2.6
KNK 2.57 61 eP 35 02.91 -2.6
LTI 2.64 92 eP 35 05.03 -1.3
KNIM 2.68 85 eP 35 05.23 -1.7
SML 2.81 54 eP 35 05.89 -2.8
HIN 3.29 84 eP 35 12.90 -2.1
FID 3.32 78 eP 35 12.55 -2.8
VLZ 3.45 72 eP 35 14.57 -2.5
KLU 3.74 67 eP 35 17.78 -3.2

45 obs. associated

NOV 26, 1992 06h 34m 58.24±0.40s
23.954 S ± 4.8km 66.430 W ± 8.4km
DEPTH = 224.6 ± 5.6 km
4.6mb (1 obs.)

JUJUY PROVINCE, ARGENTINA (128)

SLA 1.15 132 ePd 35 33.20 1.2
S 35 59.40
HJA 1.19 52 iPd 35 32.90 0.8
S 35 40.00
FSA 2.15 170 iPd 35 42.10 1.7
(S) 36 12.00
ANT 3.66 273 iPc 35 57.20 -0.1
IS 36 38.30
RTPR 6.32 181 ePd 36 30.80 0.2
CCH 6.54 2 P 36 32.60 -1.2
CNCR 7.26 348 iPc 36 43.20 0.0
S 38 05.20
TCA 7.53 168 iP 36 46.00 -0.3
LPB 7.55 348 P 36 46.90 0.1
S 38 05.00
RTLL 7.57 193 ePd 36 46.20 -0.5
CFA 7.79 191 e(P) 36 48.80 -0.8
ZOBO 7.79 348 iPc 36 49.80 -0.4
S 38 14.80
MRA 8.45 176 e(P) 36 57.20 -1.0
ARE 8.84 327 eP 37 00.00 -3.5X
eS 38 34.00
RFA 10.92 189 ePd 37 28.00 -1.9
VAO 17.88 91 eP 38 53.60 -0.1
e 38 57.10
BAO 19.21 68 Pd 39 07.50 0.0
e 39 08.30
e 39 10.00
e 39 16.10
BDF 19.27 68 Pd 39 07.00 -1.1
e 39 08.10
e 39 09.00
LIC 66.93 72 P 45 28.20 -0.7
KIC 67.24 72 P 45 30.60 -0.2
0.4s 5.50nm 4.6mb
LRM 81.04 329 eP 46 49.30 -0.2
ASPA 128.71 204 ePKP 53 41.90 1.1
0.6s 3.60nm
WB2 131.90 207 ePKP 53 48.20 1.3
0.5s 4.30nm
WRA 131.90 207 PKP 53 49.20 2.3
0.5s 1.30nm
S.D. = 1.1 on 23 of 24 obs.

& NOV 26, 1992 07h 09m 05.53s
58.927 N 154.587 W
DEPTH = 130.8km
4.0mb (3 obs.)
ALASKA PENINSULA (12)
<AEIC>.

MCNL 0.29 26 iPc 09 23.07 0.6
eS 09 36.22
CDD 0.49 89 iPc 09 23.97 -0.9
IS 09 38.31
AUI 0.72 55 iPc 09 25.52 -0.9
eS 09 40.82
AUH 0.73 53 iPc 09 25.84 -0.8
AUP 0.74 54 iPc 09 25.81 -0.9
AUL 0.75 52 iPc 09 25.86 -0.8
AUE 0.76 55 iPc 09 25.99 -0.7
PDB 0.89 13 iPd 09 26.48 -1.3
eS 09 42.20
SYI 1.19 105 ePc 09 29.34 -1.3
INW 1.36 32 eP 09 31.36 -1.3
INE 1.38 34 ePd 09 31.59 -1.3
eS 09 52.07
ILIM 1.42 35 iPd 09 32.27 -1.0

XLV 1.57 69 ePc 09 51.88
eS 09 53.40 -1.4
KDC 1.62 136 eP 09 34.30 -1.0
HOM 1.68 63 ePc 09 34.87 -1.2
RS1 1.80 30 iPd 09 36.44 -1.3
RS2 1.80 30 iPd 09 36.50 -1.2
RSO 1.80 30 iPd 09 36.46 -1.3
RDW 1.80 29 iPd 09 36.44 -1.3
CNPM 1.82 69 iPc 09 36.24 -1.6
eS 09 59.98
REF 1.84 31 iPd 09 36.75 -1.4
eS 10 00.76
RDN 1.84 29 iPd 09 36.86 -1.3
eS 10 01.17
NCT 1.84 26 iPd 09 36.78 -1.4
eS 10 00.82
DFR 1.93 29 iPd 09 37.72 -1.5
BRLLK 2.07 65 eP 09 39.18 -1.7
eS 10 04.55
SVW 2.25 347 iPd 09 41.67 -1.5
NKA 2.49 41 eP 09 45.70 -0.4
CKL 2.54 25 iPd 09 45.50 -1.4
CKT 2.57 27 iPd 09 45.75 -1.6
BGL 2.59 24 ePd 09 46.03 -1.5
SPU 2.59 28 iPd 09 45.78 -1.8
eS 10 18.23
CKN 2.60 27 iPd 09 46.29 -1.3
CP2 2.62 26 ePd 09 46.48 -1.6
CRP 2.64 26 eP 09 46.13 -2.2
eS 10 11.74
CGLM 2.72 27 iPd 09 47.54 -1.6
SLKM 2.72 52 iPd 09 46.89 -2.3
NCG 2.77 25 eP 09 48.30 -1.5
SEW 2.87 64 eP 09 48.70 -2.4
MPA 3.08 57 ePc 09 51.57 -2.2
SUA 3.19 35 ePd 09 53.46 -1.9
PTE 3.41 53 eP 09 55.60 -2.6
SKT 3.42 25 eP 09 56.51 -1.8
PMS 3.43 45 eP 09 56.20 -2.3
PWA 3.60 39 eP 09 58.90 -1.8
LTI 3.61 69 iPc 09 58.69 -2.2
MTU 3.70 70 iPc 09 59.94 -2.1
KNIM 3.76 65 iPc 09 59.75 -3.1
PLRM 3.81 43 eP 09 59.99 -3.5
PMR 3.81 43 eP 10 01.20 -2.3
KNK 3.95 48 iPc 10 02.03 -3.4
GHO 4.01 42 iPc 10 02.69 -3.6
TTA 4.08 351 iPd 10 06.20 -1.0
SML 4.24 44 iPc 10 05.76 -3.6
GLI 4.25 59 ePc 10 05.58 -3.9
MID 4.27 80 eP 10 07.42 -2.3
HIN 4.36 67 ePc 10 07.98 -3.0
FID 4.48 62 ePc 10 08.64 -3.9
VZW 4.57 59 eP 10 10.79 -3.0
SCM 4.63 48 eP 10 11.27 -3.4
VLZ 4.69 58 ePc 10 12.34 -3.0
HUR 4.73 29 eP 10 13.17 -2.7
CVA 4.76 66 iPc 10 13.11 -3.1
SDN 4.82 224 eP 10 16.20 -1.0
KTH 4.97 19 eP 10 16.80 -2.4
TRF 4.99 23 eP 10 16.69 -3.0
SGAM 5.00 68 iPc 10 16.57 -3.1
KLU 5.03 56 iPc 10 16.79 -3.3
RAGM 5.24 70 iPc 10 19.82 -3.0
TOA 5.24 49 eP 10 20.50 -2.3
RND 5.28 29 eP 10 20.08 -3.4
KAIM 5.29 75 eP 10 21.36 -2.1
HMT 5.43 71 iPc 10 22.53 -2.8
TZL 5.50 51 eP 10 23.54 -2.8
MCK 5.53 27 eP 10 23.85 -3.0
SDG 5.72 47 iPd 10 27.11 -2.2
GLB 5.94 60 ePc 10 29.16 -3.2
PAX 6.01 44 eP 10 29.92 -3.5
WAX 6.14 71 iPc 10 32.00 -3.1
NEA 6.24 22 eP 10 32.49 -4.0
CYK 6.27 74 eP 10 35.02 -1.8
WRH 6.36 26 eP 10 33.78 -4.3
MLY 6.39 15 eP 10 35.60 -2.9
BALM 6.50 66 iPc 10 37.19 -2.9
CCB 6.58 26 ePd 10 36.65 -4.3
HDA 6.59 30 ePc 10 37.17 -4.0
YAH 6.67 72 iPc 10 40.33 -2.2
MDM 6.75 24 eP 10 39.61 -3.0
FBA 6.79 25 eP 10 40.60 -3.4
DOT 6.93 42 eP 10 43.54 -2.4
GLM 6.96 26 eP 10 42.22 -4.1

CTGM	6.96	67	IPc	10	43.91	-2.5
IMA	7.18	3	eP	10	47.10	-2.2
PCA	7.39	75	eP	10	48.81	-3.2
ANM	7.62	322	eP	10	54.30	-0.8
BCPM	7.69	76	eP	10	52.85	-3.3
PNL	7.81	78	IPc	10	54.00	-3.8
HON	8.09	80	ePc	10	57.28	-4.1
SIT	10.39	92	eP	11	29.63	-2.4
ADK	14.35	250	eP	12	25.20	1.7
YKA	19.65	63	eP	13	22.70	-3.2
	0.3s	2.00nm			4.0mb	
MBC	21.33	22	eP	13	35.50	-7.1
EMUT	33.51	105	(P)	15	36.52	2.2
MSU	33.84	108	eP	15	37.34	0.2
SRU	34.20	106	eP	15	40.28	0.1
PV10	35.50	105	(P)	15	51.17	-0.1
ALQ	39.48	106	eP	16	27.39	2.9
	0.5s	0.70nm			3.7mb	
MIAR	46.36	94	(P)	17	23.56	3.7
	0.8s	5.65nm			4.3mb	

107 obs. associated

% NOV 26, 1992 07h 25m 49.05±2.79s
33.660 S ± 8.8km 70.813 W ± 9.1km
DEPTH = 72.2 ± 28.6 km
CHILE-ARGENTINA BORDER REGION (127)
MD 3.1 (SAN).

TACH	0.10	274	IPd	25	59.77	-0.1
			IS	26	08.47	
PCH	0.25	81	IP+	26	00.42	0.0
			IS	26	09.33	
CHCH	0.30	154	IPd	26	00.43	-0.3
			IS	26	09.88	
CACH	0.49	159	IP	26	02.71	0.4
			IS	26	14.09	
PEL	0.53	12	IP+	26	02.88	0.3
			IS	26	13.25	
FCH	0.55	53	IP	26	03.05	0.0
			IS	26	14.45	
LNV	0.58	239	IPd	26	02.61	-0.4
			IS	26	13.47	
LCCH	0.66	286	IP	26	04.18	0.3
			IS	26	15.47	
ROCH	0.71	346	IPd	26	04.60	0.0
			IS	26	16.61	
JACH	0.99	11	IPd	26	07.67	-0.3
			IS	26	22.48	

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

* NOV 26, 1992 07h 27m 26.75±0.97s
6.269 S ± 15.1km 150.595 E ± 16.5km
DEPTH = 33.0km (normal)
5.0mb (4 obs.)
NEW BRITAIN REGION, P.N.G. (192)
ML 4.5 (PMG).

RAB	2.59	37	IPd	28	07.50	0.3
	0.5s	1746.48nm				
LAT	3.59	264	eP	28	27.70	6.2X
PMG	4.62	227	eP	28	36.50	0.5
			eS	29	30.00	
RMQ	20.18	185	IPd	32	01.10	-0.4
	0.4s	38.00nm			5.1mb	
WB2	20.83	228	IPc	32	05.90	-2.3X
	0.4s	34.50nm			5.1mb	
OLP	21.09	196	IPc	32	10.90	0.1
	0.7s	32.00nm			4.8mb	
DZM	21.94	137	IPc	32	18.90	-0.6
ASPA	23.60	221	IPc	32	35.90	0.2
	0.3s	8.00nm			4.7mb	
STKA	26.83	197	eP	33	08.00	1.9
WARB	30.24	226	eP	33	35.00	-1.9

S.D. = 1.3 on 8 of 10 obs.

? NOV 26, 1992 08h 31m 20.32±0.92s
39.789 N ± 9.8km 29.097 E ± 7.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.5 (ISK).

DST	0.41	243	IPg	31	28.10	-0.5
			ISg	31	35.60	
BNT	1.07	302	ePn	31	41.00	0.6
ALT	1.07	133	ePn	31	41.00	0.4
EYL	1.12	46	ePn	31	41.00	-0.5

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

? NOV 26, 1992 08h 49m 05.27±2.50s
24.506 N ± 28.8km 123.531 E ± 16.4km
DEPTH = 33.0km (normal)
3.4mb (1 obs.)

SOUTHWESTERN RYUKYU ISLANDS (246)

TWC	1.54	274	ePd	49	31.30	0.7
			eS	49	45.30	
TWD	1.82	257	ePc	49	35.00	0.3
TWF1	2.35	241	ePc	49	42.20	-0.1
			eS	50	05.50	
TWQ	2.47	265	ePc	49	43.00	-1.1
TWM1	3.30	240	ePd	49	56.20	0.3
GUN	33.87	284	P	56	01.80	14.3X
WRA	45.42	166	P	57	22.80	0.0
	0.7s	0.40nm			3.4mb	

S.D. = 0.8 on 6 of 7 obs.

NOV 26, 1992 08h 55m 15.10±1.23s
6.214 S ± 6.9km 154.372 E ± 7.9km
DEPTH = 68.7 ± 10.5 km
4.7mb (11 obs.)

SOLOMON ISLANDS (193)

RAB	2.98	312	eP	56	02.60	1.6
			IS	56	44.00	
FINC	6.49	266	eP	56	54.00	3.9X
LAT	7.34	266	eP	57	00.50	-1.4
PMG	7.82	246	eP	57	06.90	-1.6
			eS	58	38.00	
BKM	17.70	131	IPc	59	18.70	0.1
DZM	19.61	145	IPd	59	39.90	-1.0
QIS	20.21	224	eP	59	48.00	0.9
	0.5s	4.00nm			4.0mb	
RMQ	20.86	194	IPc	59	54.20	0.5
	0.5s	19.00nm			4.7mb	
BRS	21.12	184	eP	00	00.00	3.7X
OLP	22.44	204	eP	00	10.20	0.8
	0.7s	18.00nm			4.6mb	
WB2	23.76	233	IPd	00	23.10	0.8
	0.5s	8.80nm			4.5mb	
			eS	04	05.50	
ARMA	24.22	186	eP	00	28.30	1.6
	0.7s	10.00nm			4.4mb	
ASPA	26.24	226	IPd	00	45.50	-0.2
	0.7s	8.00nm			4.4mb	
Z	22s	0.60um			4.1msz	
			eS	05	26.60	
CMS	26.39	197	eP	00	47.80	0.9
	0.9s	9.00nm			4.3mb	
STKA	28.19	203	eP	01	07.10	3.8X
			eS	05	40.80	
WARB	33.08	230	eP	01	46.00	-0.6
			e	02	54.00	
NOZ	38.72	150	eP	02	33.90	-0.3
MNG	39.13	154	eP	02	36.70	-0.9
LTZ	39.71	159	P	02	42.20	-0.2
	0.6s	18.00nm			5.2mb	
BAG	40.29	304	eP	02	47.50	-0.1
NANU	40.82	242	eP	03	00.80	9.1X
NST	57.94	293	eP	05	08.00	5.0X
KMI	59.07	304	Pc	05	11.50	0.4
	1.5s	40.00nm			5.3mb	
CHG	60.01	296	eP	05	17.90	0.6
LZH	63.33	316	Pc	05	39.50	-0.1
	1.4s	79.00nm			5.5mb	
GUN	74.19	301	Pc	06	46.88	-0.2
	0.9s	172.00nm			6.0mb X	
PKI	74.50	301	Pc	06	48.34	-0.5
KKK	74.66	301	Pc	06	49.24	-0.4
	0.9s	94.00nm			5.7mb	
DMN	74.76	301	Pc	06	50.20	-0.1
	0.9s	183.00nm			6.0mb X	
GKN	75.27	301	Pc	06	52.64	-0.4
	0.9s	186.00nm			6.0mb X	
HYB	78.43	289	eP	07	10.30	-0.3
GBA	78.85	285	P	07	13.30	0.4
POO	83.03	289	IPc	07	31.20	-3.7X
TRI	127.96	326	ePKP	14	29.90	15.0X
ZOBO	132.37	119	PKP	14	26.30	1.4
BCAO	136.00	270	ePKP	14	18.40	-12.8X
	0.5s	3.00nm				
BAO	148.99	135	e(PKP)	14	52.00	-1.7
			e	14	53.70	

e 14 57.00
e 15 23.50
S.D. = 0.9 on 29 of 37 obs.

? NOV 26, 1992 08h 58m 47.83±4.62s
8.110 S ± 34.2km 129.121 E ± 38.8km
DEPTH = 112.0 ± 16.2 km
4.7mb (4 obs.)

TIMOR SEA (290)

SLKI	2.16	87	IPc	59	24.00	0.6
			IS	59	48.70	
KNA	7.60	183	eP	00	36.90	-0.6
	0.2s	50.00nm			5.7mb X	
			eS	02	03.00	
WB2	12.81	157	eP	01	47.00	0.0
	0.4s	16.80nm			5.0mb	
QIS	16.00	142	eP	02	28.00	0.2
	0.2s	4.00nm			4.3mb	
			eS	05	25.00	
ASPA	16.13	164	eP	02	29.80	0.3
	0.6s	15.80nm			4.4mb	
			i	04	11.30	
PMG	17.87	95	eP	02	50.00	-0.9
QLP	23.31	144	eP	03	46.20	-0.5
	0.3s	30.00nm			5.2mb	
STKA	26.34	156	IPd	04	16.10	1.0
CNCB	150.01	146	PKP	18	20.10	-3.0X
LPB	150.17	145	ePKP	18	29.00	5.9X

S.D. = 0.8 on 8 of 10 obs.

? NOV 26, 1992 09h 03m 44.26±1.54s
40.406 N ± 12.3km 21.839 E ± 10.4km
DEPTH = 10.0km (geophysicist)
GREECE (364)

FNA	0.52	317	ePg	03	54.78	0.0
			iSg	04	03.62	
LIT	0.58	121	ePg	03	56.06	-0.1
			eSg	04	04.90	
GRG	0.70	38	ePg	03	57.38	-0.7
			eSg	04	08.80	
KNT	1.10	46	ePg	04	05.66	0.7

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

% NOV 26, 1992 09h 28m 55.55±0.99s
43.028 N ± 7.3km 18.762 E ± 6.3km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
ML 1.4 (TTG).

BRY	0.20	232	IPgd	29	00.10	0.0
			ISg	29	03.60	
NKY	0.28	141	IPgc	29	01.36	0.0
			ISg	29	06.10	
PLE	0.55	57	IPgc	29	06.85	0.0
			ISg	29	14.97	
HCY	0.61	199	IPgc	29	07.78	-0.1
			ISg	29	16.92	
TTG	0.70	148	IPgd	29	09.07	-0.3
			ISg	29	19.68	
BDV	0.75	176	IPgd	29	10.26	0.1
			ISg	29	21.21	
IVA	0.85	100	IPgc	29	12.05	0.1
			ISg	29	24.72	
ULC	1.12	161	IPgc	29	16.92	0.3
			ISg	29	33.61	

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

* NOV 26, 1992 10h 25m 47.20±1.34s
10.170 N ± 19.3km 62.339 W ± 8.7km
DEPTH = 10.0km (geophysicist)
NEAR COAST OF VENEZUELA (97)
MD 3.3 (TRN).

TCE	0.78	48	eP	26	00.80	-1.6
			eS	26	11.03	
TPP	0.89	80	eP	26	05.24	1.1
			eS	26	15.59	
TRN	1.04	63	eP	26	05.35	-1.4
			eS	26	15.59	
TBH	1.29	76	eP	26	11.47	0.4
			eS	26	33.67	
PIG	1.77	56	eP	26	18.06	0.0

26d 10h

GUAN 3.27 267 eP 26 39.20 -0.4
S.D. = 1.3 on 8 of 8 obs.

NOV 26, 1992 10h 47m 55.78±0.84s
25.489 N ± 8.5km 116.899 E ± 8.7km
DEPTH = 33.0km (normol)
4.1mb (3 obs.)

NEAR SOUTHEASTERN COAST OF CHINA(242)

OZH 1.63 109 iPnd 48 22.80 0.3
Pg 48 24.60
Sg 48 45.60

GZH 4.03 234 Pn 48 57.00 0.3
Pg 49 11.00
Sg 50 02.00

MCO 4.54 223 eP 49 03.50 -0.5
eS 50 20.40

WHN 5.52 336 ePn 49 16.50 -1.2
Sg 50 43.50

SSE 6.74 33 Pn 49 33.00 -2.0
NJ2 6.76 14 Pnc 49 34.00 -1.2
Sn 50 49.60

QIZ 9.16 227 eP 50 15.90 7.2X
GYA 9.26 278 iPd 50 10.00 -0.2
0.8s 25.00nm 5.5mb X

TIA 10.69 1 eP 50 31.00 2.1
XAN 10.98 323 P 50 33.60 -0.1
CD2 12.78 298 eP 50 58.40 0.4

BJI 14.52 358 eP 51 30.00 9.2X
LZH 15.39 316 eP 51 38.50 6.2X
1.4s 29.00nm 4.3mb
Z 10s 0.32um 4.1Msz

SNY 17.21 17 eP 51 57.20 2.1
GTA 19.97 318 eP 52 33.50 5.3X
1.0s 14.00nm 4.2mb

LSA 23.19 286 eP 53 05.40 4.3X
WRA 48.24 158 P 56 41.00 6.3X
0.8s 0.30nm 3.4mb

S.D. = 1.4 on 11 of 17 obs.

% NOV 26, 1992 11h 19m 20.63±1.01s
69.384 N ±13.0km 22.397 E ± 7.6km
DEPTH = 10.0km (geophysicist)

NORTHERN NORWAY (646)

MD 2.9 (BER).

ARA0 1.11 81 Pg 19 41.17 -0.2
Lg 19 55.20

TRO 1.25 283 eP 19 43.81 0.1
eS 19 59.78

LOF 3.46 253 eP 20 16.00 0.5
eS 20 54.68

KAF 7.48 166 eP 21 13.10 0.9
NRA0 9.80 213 Pn 21 43.21 -1.2
Sn 23 29.68
Lg 24 34.11

S.D. = 1.1 on 5 of 5 obs.

NOV 26, 1992 12h 25m 29.59±0.49s
51.636 N ± 4.1km 16.080 E ± 3.5km
DEPTH = 12.6 ± 2.2 km
4.2mb (1 obs.)

POLAND (548)

ML 4.6 (GRF), 4.2 (VIE).

KSP 0.81 170 iPd 25 44.20 -0.8
0.6s 534.00nm

BRG 1.54 241 iPnd 25 57.60 0.8
iS 25 53.80
iPg 25 58.40
iSg 26 17.50

PRU 1.92 211 Pnd 26 02.40 0.2
0.7s 222.00nm
Pg 26 04.20
Sn 26 20.90
eSg 26 28.10

CLL 1.95 262 iPnd 26 03.40 0.7
iPg 26 06.80
iSg 26 31.00
ePn 26 04.00

RAC 2.05 138 ePn 26 04.00 -0.2
iPgc 26 08.40
iSg 26 35.40

VRAC 2.35 172 ePn 26 09.00 0.5
0.6s 100.30nm
ePg 26 15.80
e 26 30.20
e 26 39.50

OJC 2.75 120 eSg 26 42.90
eP 26 13.40 -0.8
iS 26 57.20

HOF 2.97 245 iPnc 26 17.70 0.4
MOX 2.98 252 iPn 26 18.00 0.6
iPg 26 26.50
iSg 27 05.30

GEC2 3.18 210 Pn 26 20.70 0.3
Pg 26 26.80
Sg 27 07.00

WET 3.23 221 iPnc 26 21.40 0.4
VKA 3.38 177 iPnc 26 23.30 0.2
iPg 26 32.40
iSn 27 01.90
iSg 27 14.80

ZST 3.51 169 ePn 26 25.10 0.2
i(Pg) 26 35.30
e(Sn) 27 07.20
i 27 11.60
Lg 27 20.20
i 27 32.00

SPC 3.62 131 ePn 26 28.40 1.7
iPg 26 41.80
e 27 20.60
i 27 22.70
Lg 27 38.50

GRF 3.65 240 iPnc 26 28.00 1.0
ePg 26 41.20
eSg 27 31.30

KMR 3.80 200 iPn- 26 32.90 3.8X
iPg 26 43.70
iSg 27 29.30

SRO 4.09 158 iP 26 37.00 3.9X
i 26 51.00
i 27 30.50

BHG 4.44 209 iPnc 26 38.30 0.2
PSZ 4.47 145 e(P) 26 38.80 0.2
FUR 4.66 224 ePn 26 40.90 -0.4
KBA 4.90 202 iPnc 26 44.40 -0.4
i 26 52.80
iSn 27 31.00
iSg 27 56.00
i 28 02.90
i 28 05.50

TNS 5.03 257 iPnc 26 45.80 -0.7
WATA 5.21 216 iPnc 26 49.10 -0.1
WTTA 5.25 215 iPnc 26 49.90 0.1
i 28 04.80
i 28 16.30

SQTA 5.44 218 iPnc 26 52.00 -0.5
FVI 5.49 205 P 26 53.00 0.0
eSn 28 19.00

LJU 5.69 191 ePn 26 55.50 -0.4
e(Sn) 28 22.50

ABH 5.69 255 eP 26 55.43 -0.5
WTS 5.76 277 e(P) 26 57.50 0.7
1.0s 24.00nm 4.8mb X
e 28 46.00

VOY 5.79 195 ePn 26 56.20 -1.1
eSn 28 32.80

OGA 5.81 217 iPc 26 57.90 0.3
CEY 6.00 191 eP 27 04.00 3.7X
e(Sn) 28 24.50

RUP 6.05 255 eP 27 08.04 -0.9
VBY 6.16 185 iPnc 27 02.00 -0.5
i(Sg) 28 49.40

KLL 6.23 265 iPc 27 03.30 -0.1
e(S) 28 46.50

MUD 6.32 323 eP 27 37.50 32.9X
0.9s 21.00nm

WLF 6.62 257 P 27 12.00 3.2X
DOU 7.43 263 P 27 02.70 -17.6X
i 27 23.50

UPP 8.29 5 iP 27 42.80 10.6X
HFS 8.62 352 eP 27 35.60 -1.3
0.4s 1.80nm 4.7mb X

YKA 59.74 336 eP 35 37.00 1.2
0.7s 1.40nm 4.2mb

S.D. = 0.7 on 34 of 41 obs.

NOV 26, 1992 12h 44m 34.29±0.32s
31.764 N ± 4.3km 83.797 E ± 5.0km
DEPTH = 33.0km (normol)
4.6mb (24 obs.) 4.2Msz (1 obs.)

XIZANG (306)

GKN 3.82 169 P 45 32.24 -0.1

KKN 4.16 162 P 45 36.84 -0.5
GUN 4.24 154 P 45 39.20 0.6

DMN 4.29 164 P 45 38.78 -0.4
PKI 4.41 161 P 45 40.62 -0.3
NDI 6.47 243 ePn 46 13.00 3.3
eSn 47 29.00

LSA 6.66 106 iPc 46 13.80 1.1
1.0s 9.00nm 4.6mb

SHL 9.41 129 iPd 46 46.00 -4.8X
eS 48 29.50

KSH 9.96 323 P 46 57.40 -1.0
1.0s 80.00nm 5.9mb X
Z 12s 3.00um 4.6Msz
N 11s 2.00um

PRZ 11.53 340 eP 47 20.00 0.3
1.4s 60.00nm 5.6mb

WMO 12.42 13 P 47 32.70 1.0
1.5s 40.00nm 5.3mb
Z 16s 0.78um 5.4Msz

TLG 12.55 338 eP 47 31.20 -2.2
FRU 13.24 329 eP 47 41.00 -1.4
1.9s 50.00nm 5.2mb

HYB 15.05 200 eP 48 00.20 -6.1X
eS 52 16.00

GTA 15.09 55 eP 48 06.50 -0.3
1.5s 13.00nm 4.0mb
Z 14s 0.35um 3.8Msz X
E 10s 0.31um

POO 15.94 217 iPc 48 11.60 -6.2X
CD2 17.08 88 eP 48 31.90 -0.2

LZH 17.18 70 eP 48 35.80 2.2
1.4s 26.00nm 4.2mb
Z 13s 0.46um 4.3Msz

KMI 17.91 107 eP 48 40.00 -2.7
pP 48 44.80

CHG 18.78 130 ePd 48 59.60 6.3X
1.1s 25.95nm 4.4mb

GBA 18.99 199 P 48 55.00 -0.8
S 52 13.00

UKR 19.18 2 eP 48 57.00 -0.8
MAIO 20.62 289 eP 49 13.00 -0.5
GYA 20.65 99 P 49 12.00 -1.9
1.0s 9.60nm 4.1mb

UER 21.19 18 eP 49 25.60 61kmX
XAN 21.20 77 eP 49 19.00 0.1
0.8s 7.10nm 4.1mb

ELT 21.55 4 iPd 49 27.00 32kmX
1.2s 56.00nm 4.9mb

NST 21.87 133 eP 49 29.50 3.5X
BTO 22.86 60 eP 49 37.90 2.0

NVS 23.07 359 iP 49 37.00 -0.6
1.4s 24.00nm 4.5mb
e 49 50.20
e 50 04.30

BRVK 23.43 339 iPc 49 41.00 -0.1
2.3s 66.00nm 4.7mb

ZAK 23.58 32 eP 49 45.00 2.5
2.2s 45.00nm 4.6mb

HHC 24.06 60 eP 49 48.50 1.0
Z 18s 0.73um 4.2Msz

TIY 24.22 68 eP 49 49.60 0.6
SVE 29.74 334 ePd 50 39.50 -0.1

ARU 30.24 332 eP 50 46.00 2.1
46.56 18 eP 53 00.00 -0.2

UPP 51.25 324 iP 53 36.70 0.1
HFS 53.23 324 eP 53 51.90 0.5
0.6s 2.20nm 4.3mb

NAO 54.62 325 P 54 01.90 0.2
0.9s 9.90nm 4.8mb

BSF 58.93 310 eP 54 32.20 -0.4
0.8s 7.00nm 4.8mb

HAU 59.17 310 eP 54 33.80 -0.4
0.9s 10.15nm 5.0mb

LPG 59.56 307 eP 54 37.30 0.1
LPL 59.56 307 eP 54 37.20 0.1
1.0s 11.60nm 5.0mb

SSF 61.28 310 eP 54 48.10 -0.4
1.0s 10.00nm 4.9mb
ILT 63.72 25 eP 55 04.00 -0.5
ASPA 73.03 133 iPc 56 03.00 0.0

IMA	0.8s	6.80nm	4.7mb	PV09	45.44	319	iPc	50	30.38	0.3	RSO	0.55	237	iPd	41	53.37	-0.6														
	73.05	21	eP	56	02.56	-0.1	RSSD	46.05	329	eP	50	34.96	0.2	eS	42	05.26															
	0.7s	1.77nm	4.2mb					0.7s	4.11nm	4.1mb	RS2	0.55	237	iPd	41	53.43	-0.6														
FBA	75.64	20	eP	56	17.37	0.0	SRU	46.68	319	eP	50	39.65	-0.1	RS1	0.56	237	iPd	41	53.44	-0.6											
	0.8s	2.72nm	4.3mb				JAQ	46.93	350	ePd	50	41.70	0.5	RDW	0.56	240	iPd	41	53.45	-0.7											
YKA	84.91	8	eP	57	06.70	-0.1	EMUT	47.26	320	eP	50	44.31	0.0	BGL	0.57	331	iPd	41	53.06	-1.0											
	0.8s	1.30nm	4.2mb				ULM	47.37	340	ePc	50	46.80	2.1	NCT	0.58	250	iPd	41	53.32	-0.9											
SIV	144.43	288	ePKP	04	12.00	2.6X	MSU	47.44	318	eP	50	46.04	0.3	NCG	0.66	346	iPd	41	54.29	-0.7											
ZOBO	150.21	295	ePKP	04	23.00	3.6X	DAU	47.87	320	eP	50	49.18	0.1	SLKM	0.83	100	iPc	41	55.99	-0.8											
LPB	150.32	294	ePKP	04	23.00	3.7X	ARUT	47.93	316	eP	50	49.45	0.0	SUA	0.87	36	iPd	41	56.99	-0.4											
CNCB	150.39	294	PKP	04	27.00	7.4X	BW06	48.21	324	eP	50	50.71	-0.9	eS	42	10.50															
S.D. = 1.2 on 45 of 54 obs.																		ILIM	0.89	220	ePd	41	56.61	-0.9							
																		eS	42	10.55											
% NOV 26, 1992 13h 01m 11.50±3.13s																		INE	0.94	222	eP	41	57.09	-1.1							
33.442 S ± 0.0km																		eS	42	11.25											
DEPTH = 62.3 ± 32.8 km																		INW	0.96	223	eP	41	57.49	-0.9							
NEAR COAST OF CENTRAL CHILE (135)																		BRLK	1.11	155	eP	41	59.38	-0.8							
																		eS	42	15.03											
LCCH	0.10	251	iP	01	21.18	0.1	SES	53.01	331	eP	51	33.00	-0.4	HOM	1.12	175	iPd	42	00.12	-0.1											
			iS	01	27.92		ORV	54.36	315	eP	51	37.02	-0.5	PMS	1.20	65	iPc	42	01.10	-0.3											
TACH	0.48	116	iP	01	23.51	-0.1	DPW	56.12	325	eP	51	49.15	-0.9	SKT	1.23	6	iPd	42	00.54	-1.2											
			iS	01	31.86		YKA	63.35	340	eP	52	37.90	-1.1	eS	42	17.35															
LNV	0.51	176	iPd	01	23.86	-0.1		0.6s	8.80nm	4.8mb	MPA	1.24	102	ePc	42	00.79	-1.1														
			iS	01	32.29		LIC	67.43	06 P	53	05.60	-0.3	eS	42	10.44																
ROCH	0.60	39	iP+	01	24.98	-0.2	KIC	67.70	06 P	53	07.20	-0.4	CNPM	1.28	167	iPd	42	01.55	-0.9												
			iS	01	34.26					53	50.00		eS	42	10.86																
PEL	0.71	65	iP	01	26.45	0.2	MBC	73.86	350	eP	53	44.00	0.6	PWA	1.29	46	iPd	42	03.00	0.5											
			iS	01	36.61			0.7s	3.00nm	4.1mb	XLV	1.32	178	eP	42	01.86	-1.0														
CHCH	0.83	126	iPd	01	27.80	0.1	BCAO	90.95	85	iPc	55	24.90	12.3X	OPT	1.32	213	eP	42	02.52	-0.4											
			iS	01	30.99			1.0s	13.00nm		SEW	1.35	118	eP	42	01.69	-1.6														
FCH	0.98	04	iP+	01	29.82	-0.1	QIS	145.63	243	ePKP	01	46.00	-0.5	PTE	1.37	05	ePc	42	02.44	-1.2											
			iS	01	42.03			0.6s	6.00nm		eS	42	20.91																		
JACH	1.05	44	iP	01	30.60	0.0	ASPA	149.24	234	iPKPd	01	56.00	3.7X	PDB	1.54	231	iPd	42	04.29	-1.5											
			iS	01	44.66			0.6s	13.30nm		eS	42	23.90																		
S.D. = 0.2 on 8 of 8 obs.																		PLRM	1.54	56	eP	42	04.30	-1.6							
																		PMR	1.54	56	eP	42	03.86	-2.0							
NOV 26, 1992 13h 42m 26.23±0.43s																		AUL	1.61	211	eP	42	06.10	-0.7							
6.791 N ± 4.6km																		AUE	1.61	210	eP	42	05.87	-0.9							
DEPTH = 171.0 ± 5.2 km																		AUP	1.62	210	eP	42	06.26	-0.8							
4.6mb (13 obs.)																		AUH	1.63	211	iPd	42	06.36	-0.7							
NORTHERN COLOMBIA (99)																		AUI	1.65	210	eP	42	06.76	-0.5							
Felt at Merido, Venezuela.																		GHO	1.73	53	iPc	42	06.93	-1.5							
																		KNK	1.76	67	iPc	42	07.21	-1.6							
BMG	0.31	335	iPd	42	44.00	-6.9X		0.5s	3.00nm		SVW	1.89	282	eP	42	07.92	-2.7														
BOG	2.42	207	iP	43	00.00	-0.3	S.D. = 0.7 on 43 of 52 obs.											S	42	30.59											
			iS	43	30.00		% NOV 26, 1992 14h 26m 32.53±2.92s																		SML	1.98	57	ePc	42	10.08	-1.0
UAV	2.54	45	iPnd	43	10.40	0.9	33.563 S ± 0.3km																		MCNL	2.03	220	ePd	42	11.08	-1.4
			iSn	43	42.80		70.832 W ± 9.7km																		eS	42	37.25				
SDV	3.10	48	iPnd	43	17.10	0.7	DEPTH = 81.6 ± 28.5 km																		CDD	2.06	207	ePd	42	11.84	-1.1
			iSn	44	54.90		CHILE-ARGENTINA BORDER REGION (127)																		KNIM	2.06	100	iPc	42	09.77	-3.2
TOV	4.31	46	iPnc	43	32.20	0.4	MD 3.5 (SAN).																		eS	42	34.49				
			iSn	44	22.30		TACH	0.13	224	(P)	26	44.51	-0.1	LTi	2.10	109	eP	42	10.73	-2.7											
MORO	6.11	48	iP	43	52.50	-3.1X			iS	26	53.06		SYI	2.18	188	iPd	42	13.30	-1.3												
			iS	45	06.20		SAN	0.1B	52	(P)	26	44.00	0.0	MTU	2.21	109	eP	42	12.45	-2.6											
OLLA	6.87	62	P	44	04.80	-0.9			iS	26	53.09		GLI	2.32	05	ePc	42	13.05	-3.4												
			iS	45	21.60		PCH	0.27	102	iPd	26	45.03	-0.1	SCM	2.42	62	ePc	42	15.89	-2.1											
PSO	7.07	218	eP	44	08.50	-0.1			iS	26	53.94		HUR	2.45	24	eP	42	17.44	-0.9												
LLAV	7.09	58	iPd	44	08.00	-0.5	PEL	0.44	16	iP+	26	46.27	0.1	FID	2.62	08	eP	42	16.76	-4.0											
GUAN	7.08	66	iPd	44	17.00	-1.3			iS	26	56.28		HIN	2.65	96	eP	42	17.64	-3.5												
			iS	45	46.10		FCH	0.51	63	iPd	26	47.07	0.0	VLZ	2.70	00	ePc	42	18.99	-2.0											
NNA	19.05	192	eP	46	35.50	-2.4X			iS	26	50.57		eS	42	50.44																
	0.6s	4.00nm	4.0mb				CACH	0.59	161	iP+	26	47.74	0.2	TRF	2.79	14	eP	42	21.13	-2.1											
ZOBO	23.42	168	P	47	23.00	1.2			iS	27	00.20		KTH	2.83	8	eP	42	21.95	-1.7												
			e	51	25.00		ROCH	0.61	346	iP	26	47.74	-0.1	TTA	2.94	319	eP	42	22.92	-2.3											
LPB	23.66	168	eP	47	29.00	5.1X			iS	26	50.79		KLU	2.95	73	iPc	42	22.57	-2.0												
			e	51	27.00		LNV	0.62	231	iPd	26	47.33	-0.3	RND	2.99	26	eP	42	24.50	-1.4											
CNCB	23.96	168	P	47	27.00	0.1			iS	26	58.41		CVA	3.00	92	eP	42	23.25	-2.6												
			e	51	29.00		LCCH	0.62	270	iP+	26	48.05	0.3	TOA	3.03	61	eP	42	25.50	-0.9											
SIV	25.51	153	eP	47	45.00	4.3X			iS	26	59.65		KDC	3.05	107	eP	42	23.14	-3.4												
FVM	34.87	335	eP	49	03.06	0.1	JACH	0.90	13	iP+	26	50.82	-0.1	MCK	3.27	23	eP	42	28.03	-0.9											
	0.5s	31.52nm	5.3mb						iS	27	04.23		SGAM	3.27	92	eP	42	27.16	-2.5												
LNO	35.75	327	eP	49	09.20	-1.1	S.D. = 0.2 on 10 of 10 obs.											TZL	3.33	65	eP	42	28.05	-1.7							
TUL	35.75	327	eP	49	09.40	-1.0	& NOV 26, 1992 14h 41m 39.77s																		SDG	3.48	57	eP	42	31.26	-1.4
	0.6s	17.10nm	4.9mb				60.767 N																		RAGM	3.55	93	eP	42	31.26	-2.4
JFWS	39.08	340	iPc	49	38.02	-0.1	151.821 W																		PAX	3.73	51	iPc	42	34.72	-1.5
	0.5s	18.81nm	5.0mb				DEPTH = 75.4km																		HMT	3.76	93	eP	42	32.41	-4.1
LMN	39.55	9	eP	49	46.00	4.1X	KENAI PENINSULA, ALASKA (14)																		KAIM	3.78	100	eP	42	35.51	-1.2
			e	51	25.00		<AEIC>.																		GLB	3.95	77	ePc	42	36.01	-3.2
EEO	40.05	353	eP	49	50.50	4.4X	NKA	0.29	95	iPc	41	52.97	1.4	NEA	4.03	17	eP	42	30.63	-1.7											
CBM	40.21	5	iPd	49	49.03	1.7	RDT	0.35	236	eP	41	51.50	-0.5	WRH	4.10	23	eP	42	39.42	-1.9											
	0.6s	24.95nm	5.0mb				SPU	0.43	345	iPd	41	52.04	-0.7	HDA	4.29	30	eP	42	41.44	-2.6											
ALO	41.65	317	eP	49	59.79	0.2			eS	42	02.57		MLY	4.31	6	eP	42	42.19	-2.1												
	0.6s	2.86nm	4.0mb				DFR	0.46	248	ePd	41	52.30	-0.7	CCB	4.31	24	eP	42	41.68	-2.6											
GLD	43.77	323	eP	50	17.37	0.7	CKT	0.47	337	iPd	41	52.30	-0.8	WAX	4.43	90	eP	42	43.21	-2.9											
	0.4s	30.33nm	5.3mb				CKN	0.49	339	iPd	41	52.78	-0.5	FBA	4.54	22	eP	42	44.43	-3.1											
GOL	43.83	323	eP	50	17.37	0.1	CKL	0.50	330	iPd																					

26d 14h

YAH 4.99 90 eP 42 51.46 -2.5
 CTGM 5.13 83 eP 42 53.02 -2.9
 IMA 5.39 352 eP 42 57.20 -2.3
 MSU 33.20 114 (P) 48 04.13 -7.1
 88 obs. associated

% NOV 26, 1992 14h 58m 30.96±2.88s
 47.051 N ± 7.8km 8.238 E ± 33.6km
 DEPTH = 10.0km (geophysicist)
 SWITZERLAND (544)
 ML 2.6 (LDG).

BSF 1.25 309 Pg 58 54.60 0.2
 Sg 59 12.50
 CDF 1.51 335 Pn 58 58.20 0.1
 Sg 59 21.70
 HAU 1.60 307 Pn 58 59.00 -0.3
 Sg 59 23.60
 LPL 1.86 215 Pg 59 03.50 0.2
 Sg 59 28.10
 LPG 1.86 214 Pg 59 03.30 -0.2
 Sg 59 27.70
 S.D. = 0.4 on 5 of 5 obs.

* NOV 26, 1992 16h 29m 05.51±0.93s
 67.012 N ± 10.3km 20.907 E ± 14.2km
 DEPTH = 10.0km (geophysicist)
 SWEDEN (536)
 MD 3.5 (BER).

KTK1 2.19 23 eP 29 42.93 0.5
 eSg 30 10.44
 LOF 3.04 295 eP 29 54.24 -0.2
 ARA0 3.06 32 Pn 29 54.37 -0.4
 Lg 30 39.13
 NRA0 7.53 218 Pn 30 58.70 0.8
 HFS 7.61 208 eP 30 58.30 -0.7
 S.D. = 0.9 on 5 of 5 obs.

? NOV 26, 1992 16h 42m 32.53±3.63s
 38.272 N ± 26.6km 26.897 E ± 19.2km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.5 (ISK).

Izm 0.31 66 iPg 42 37.60 -1.5
 EZN 1.61 344 ePn 43 00.20 -0.9
 DST 1.90 45 iPn 43 05.70 0.4
 KHL 2.07 88 ePn 43 08.00 0.2
 EDC 2.20 20 ePn 43 08.00 -1.7
 BNT 2.23 21 iPn 43 11.00 1.8
 KCT 2.28 29 iPn 43 11.20 0.4
 ALT 2.63 72 ePn 43 16.00 0.1
 YLV 2.99 39 ePn 43 22.00 1.1
 S.D. = 1.3 on 9 of 9 obs.

? NOV 26, 1992 18h 09m 31.66±0.88s
 22.861 S ± 12.3km 67.197 W ± 24.7km
 DEPTH = 256.2 ± 34.2 km
 CHILE-BOLIVIA BORDER REGION (124)

ANT 3.08 254 iPc 10 25.70 0.0
 eS 11 05.50
 CNCB 6.06 353 iPc 11 02.00 0.1
 LPB 6.35 352 eP 11 06.00 0.6
 ZOBO 6.60 352 P 11 08.00 -0.7
 e 12 21.00
 SIV 8.95 41 P 11 37.00 0.0
 VAO 18.64 94 eP 13 32.00 0.1
 BAD 19.49 72 e(P) 13 41.00 -0.5
 e 13 42.10
 BDF 19.56 72 Pd 13 42.60 0.4
 S.D. = 0.6 on 8 of 8 obs.

* NOV 26, 1992 18h 35m 22.40±1.66s
 7.792 N ± 8.4km 126.943 E ± 15.1km
 DEPTH = 62.0 ± 13.6 km
 4.5mb (7 obs.)
 MINDANAO, PHILIPPINE ISLANDS (259)

BIP 0.81 302 eP 35 36.50 -1.7
 DAV 1.53 243 ePc 35 50.50 2.7
 eS 36 15.10
 CGP 2.32 287 eP 36 00.00 1.1
 eS 36 33.00
 PLP 3.87 330 ePc 36 19.50 -1.3
 KNA 23.46 176 eP 40 26.00 -0.4

LOE 26.36 294 eP 41 00.10 5.3X
 NST 27.37 289 eP 41 16.00 12.1X
 CHG 29.32 295 eP 41 20.00 -0.8
 OIS 30.80 156 eP 41 33.00 -1.6
 0.3s 3.00nm 4.5mb

ASPA 32.00 168 eP 41 46.40 1.3
 1.3s 6.30nm 4.3mb
 WARB 33.77 180 eP 42 00.00 -0.4
 MEEK 35.17 193 eP 42 09.70 -2.7
 MRWA 38.28 196 iPc 42 38.60 0.1
 0.6s 10.00nm 4.9mb

BAL 39.42 194 iPc 42 48.30 0.2
 KLB 40.13 192 iPc 42 54.10 0.2
 0.4s 7.00nm 4.9mb

MUN 40.85 194 eP 43 00.00 0.2
 STKA 41.86 161 eP 43 11.90 3.9X
 GUN 43.62 303 P 43 22.58 -0.4
 PKI 43.91 302 P 43 26.54 1.3
 KKN 44.09 302 P 43 25.90 -0.7
 DMN 44.17 302 P 43 26.56 -0.8
 GKN 44.69 302 P 43 30.52 -0.9
 ARMA 44.77 149 eP 43 37.00 5.1X

0.9s 8.00nm 4.5mb
 HYB 48.07 286 eP 43 57.50 -0.5
 GBA 48.92 281 P 44 05.00 0.5
 YAK 54.15 2 iPd 44 44.00 0.8
 1.1s 70.00nm 5.6mb X
 MBC 87.97 13 eP 48 09.00 2.6
 0.8s 2.00nm 4.3mb
 YKA 95.73 24 eP 48 43.60 1.0
 0.8s 1.10nm 4.4mb

S.D. = 1.4 on 24 of 28 obs.

NOV 26, 1992 18h 40m 23.12±0.55s
 41.997 N ± 4.8km 23.197 E ± 4.7km
 DEPTH = 10.0km (geophysicist)
 GREECE-BULGARIA BORDER REGION (363)

KKB 0.16 213 iPg 40 27.00 0.2
 MMB 0.57 136 iPg 40 34.00 -0.7
 VTS 0.59 1 iPg 40 36.00 0.8
 VAY 0.82 215 iPn 40 39.40 0.4
 KNT 0.86 195 iPg 40 39.38 -0.4
 eSg 40 50.50

PGB 0.91 52 iPg 40 40.00 -0.5
 SRS 0.93 161 ePg 40 40.98 0.1
 eSg 40 52.66

PLD 1.13 84 ePg 40 46.00 1.8
 RZN 1.18 105 iPc 40 44.00 -1.2
 SOH 1.18 174 iPg 40 45.21 0.0
 eSg 41 00.66

GRG 1.20 210 ePg 40 45.66 0.2
 eSg 41 01.38

SKO 1.31 269 ePn 40 46.00 -1.4
 THE 1.37 187 ePb 40 48.90 0.6
 eSb 41 07.46

KDZ 1.69 101 iP 40 52.00 -0.9
 OUR 1.76 160 ePb 40 54.54 0.7
 eSb 41 18.86

S.D. = 0.9 on 15 of 15 obs.

NOV 26, 1992 19h 49m 22.91±0.13s
 18.365 S ± 2.9km 178.564 E ± 3.4km
 DEPTH = 655.8km (15 depth phases)
 5.2mb (47 obs.)

FIJI ISLANDS (182)

SVA 0.27 338 iPd 50 40.00 0.3
 eS 51 43.70

VUN 0.37 345 iP 50 39.60 -0.2
 SGE 0.98 322 iPc 50 40.80 0.0
 DZM 11.96 250 iPd 52 03.10 1.7
 iS 54 14.10

ScP 59 23.00
 OUZ 17.36 194 P 52 56.00 4.0X
 HBZ 19.16 181 eP 53 07.60 -1.0

WLZ 19.61 187 P 53 14.90 2.3
 URZ 19.86 183 P 53 13.20 -1.7
 eS 56 19.40

PATZ 20.05 185 eP 53 18.00 2.1
 NOZ 20.19 181 P 53 18.10 0.3
 MOZ 20.33 189 P 53 21.80 2.6X

PAHZ 20.46 183 P 53 20.70 0.3
 WHH 20.53 185 eP 53 21.90 0.9
 MOH 20.73 183 eP 53 23.60 0.8
 NGZ 20.90 186 P 53 25.30 0.8

CNZ 20.93 187 P 53 25.40 0.7

WAHZ 21.35 185 P 53 27.40 -1.0
 PGZ 22.27 185 P 53 35.30 -1.2
 MNG 22.34 186 P 53 35.80 -1.4
 S 56 53.20

KIW 22.64 187 P 53 38.70 -1.2
 DIW 22.72 189 P 53 40.50 0.0
 CAW 22.87 187 P 53 40.90 -0.9

MTW 22.87 186 P 53 41.10 -0.8
 ORZ 22.98 192 P 53 43.80 1.0
 S 57 10.70

AMW 22.99 185 P 53 42.30 -0.6
 MRW 23.03 187 P 53 41.90 -1.4
 TCW 23.07 188 eP 53 43.00 -0.6

BLW 23.08 186 P 53 43.00 -0.7
 MOW 23.16 186 P 53 43.30 -1.1
 THZ 23.82 191 P 53 50.10 -0.2
 S 57 19.10

DSZ 24.01 193 P 53 52.30 0.3
 KHZ 24.35 189 P 53 54.00 -0.9
 eS 57 26.40

LTZ 24.92 191 P 53 59.30 -0.6
 BRS 25.36 245 iPd 54 04.80 0.9
 0.8s 41.00nm 5.1mb

MQZ 25.75 190 P 54 06.40 -0.6
 EWZ 25.90 193 P 54 08.50 0.2
 LMZ 26.46 195 P 54 13.60 0.4

BWZ 27.09 194 P 54 18.10 -0.5
 ARMA 27.24 239 iPc 54 21.60 1.3
 0.7s 111.00nm 5.6mb

ODZ 27.41 192 P 54 37.30 66kmX
 MMCZ 27.71 194 P 54 20.80 -0.7
 LRCZ 27.71 194 P 54 23.90 -0.3

MHZ 27.73 194 P 54 24.00 -0.3
 SBCZ 27.75 194 P 54 24.10 -0.3
 LSCZ 27.76 194 P 54 24.30 -0.2

CMCZ 27.81 194 P 54 24.70 -0.3
 TLC 27.90 194 P 54 25.90 0.1
 TUZ 28.49 193 P 54 31.30 0.6

RMQ 28.67 248 iPc 54 33.10 0.7
 0.5s 191.00nm 6.0mb

BCZ 28.96 196 P 54 35.50 0.8
 SIZ 29.70 195 P 54 42.20 1.3
 AFR 30.11 93 iPd 54 44.60 0.0

0.6s 432.90nm 6.2mb X
 PAE 30.28 94 iPd 54 46.00 -0.1
 0.6s 199.80nm 5.9mb

PPT 30.30 94 iPd 54 46.30 0.1
 0.5s 292.70nm 6.2mb
 PPN 30.44 94 iPd 54 47.40 0.0

0.6s 153.00nm 5.8mb
 CTA 30.53 261 iPc 54 48.20 0.0
 0.8s 37.31nm 5.1mb

TVD 30.58 94 iPd 54 48.80 0.1
 0.7s 313.10nm 6.0mb
 CNB 30.89 231 iPd 54 52.70 1.6

0.3s 176.00nm 6.2mb
 i 57 27.60
 e 00 12.00

CAN 31.16 231 iPc 54 54.40 1.0
 BWA 31.23 233 iPc 54 53.20 -0.8
 PMG 31.72 282 iPd 54 57.80 -0.3

0.8s 47.76nm 5.2mb
 PMO 32.27 89 iPd 55 03.10 0.3
 0.9s 553.00nm 6.2mb

CMS 32.30 240 iPc 55 04.00 1.0
 VAH 32.48 90 iPd 55 04.50 -0.1
 0.8s 239.60nm 5.9mb

TPT 32.54 89 iPd 55 05.30 0.3
 0.8s 323.50nm 6.0mb
 OLP 32.68 249 iPc 55 06.70 0.5

0.3s 110.00nm 6.0mb
 RUV 32.73 90 iPd 55 06.80 0.2
 1.1s 832.20nm 6.3mb X

LAT 32.87 287 eP 55 08.20 0.4
 MDG 34.55 288 eP 55 21.70 0.0
 TOD 34.67 230 iPc 55 24.10 1.6

0.2s 336.00nm 6.6mb X
 STKA 35.89 241 iPc 55 38.10 5.6X
 eS 00 31.30

iScP 00 33.50
 STK 35.90 241 P 55 38.29 5.7X
 BFD 36.68 232 iPc 55 40.20 1.2
 0.8s 104.00nm 5.4mb

iPcP 57 43.60
 OIS 36.74 260 eP 55 38.00 -1.6

	0.3s	9.00nm	4.8mb		0.6s	2.57nm	4.1mb X		e	07 59.20			
ADE	38.98	237 iPc	55 59.00	1.4		eP	03 17.39	649km	GEC2	147.22 341 e(PKP)	07 55.20	2.8	
WB2	41.71	260 iPd	56 18.00	-1.2	CD2	86.91 304 eP	01 02.60	0.8		0.5s	23.60nm		
	0.3s	110.00nm		5.8mb	HVU	87.10 44 ePd	01 02.68	0.1	TNS	147.24 348 iPKPd	07 55.70	3.4	
		eS	01 45.70			eP	03 21.56	659km	KDZ	147.39 321 iPKPc	07 55.00	2.2	
WRA	41.72	260 P	56 18.00	-1.4	SRU	87.43 47 iPd	01 04.39	0.2	SNF	147.60 353 PKPc	07 55.80	3.0	
	0.4s	26.60nm		5.0mb		eP	03 22.91	656km	RZN	147.78 322 iPKPc	07 57.00	3.3	
ASPA	41.90	255 iPc	56 20.60	-0.3	PTI	87.87 43 eP	01 06.65	0.6	DOU	147.98 353 PKPc	07 56.90	3.5	
	0.6s	772.50nm		6.3mb X	PV09	88.14 48 iPd	01 07.50	-0.1	VTs	148.06 324 iPKPc	07 57.00	3.0	
		eS	01 51.60			eP	03 26.71	658km	WLF	148.18 351 iPKPc	07 58.00	4.3	
DHM	45.69	32 eP	56 48.41	-1.5		iPd	01 07.86	-1.6	MMB	148.42 322 iPKPc	07 58.00	3.5	
FORT	47.21	245 iPc	57 00.90	-0.5	PV08	88.52 49 iPd	01 07.86	-1.6	KKB	148.61 323 iPKPc	07 48.00	-6.7	
	0.4s	91.00nm		5.6mb		eP	03 27.37	659km	SRS	148.80 322 iPKP	07 57.85	2.9	
KNA	47.56	265 iPc	57 02.90	-1.4	YAK	88.93 339 iPd	01 09.50	-0.8	KBA	148.89 340 iPKPc	07 58.20	3.0	
	0.3s	47.00nm		5.4mb		0.9s	31.00nm	5.1mb		0.4s	48.10nm		
WARB	48.41	251 iPc	57 09.70	-0.8	LRM	89.18 41 eP	01 12.10	-0.1	OUR	149.05 320 iPKP	07 59.02	3.7	
COOL	53.16	245 iPc	57 43.20	-1.5	BW06	89.68 44 eP	01 14.34	-0.2	SOH	149.12 322 ePKP	07 58.82	3.3	
	0.4s	47.00nm		5.2mb		0.5s	3.18nm	4.5mb	KNT	149.17 323 ePKP	07 59.10	3.5	
M8L	55.08	257 iPc	57 52.90	-5.2X			eP	03 33.72	656km	WATA	149.20 343 iPKPc	07 59.70	4.1
	0.5s	84.00nm		5.2mb	NVL	90.62 184 iPc	01 18.20	0.1	CDF	149.20 349 iPKPc	08 00.00	4.5	
MEEK	55.58	250 iPc	57 58.20	-3.3X		0.8s	26.00nm	5.2mb		0.8s	40.70nm		
	0.3s	57.00nm		5.3mb	GOL	91.31 49 ePc	01 21.98	-0.1	WTTA	149.25 342 iPKPc	08 00.20	4.5	
KLB	56.04	244 iPc	58 03.70	-0.9		0.8s	11.18nm	4.9mb		0.4s	42.30nm		
	0.4s	134.00nm		5.5mb	SES	92.10 37 eP	01 24.00	-1.2				08 07.70	
RKG	56.62	240 iPc	58 08.20	-0.3	GTA	93.12 310 P	01 30.00	-0.3	VAY	149.25 323 iPKP	07 59.40	3.8	
	0.3s	18.00nm		4.8mb		1.0s	12.00nm	5.0mb				08 08.60	
BAL	56.99	245 iPc	58 10.10	-1.0	RSSD	93.90 45 eP	01 33.37	-0.5	SQTA	149.41 343 iPKPc	08 00.30	4.4	
	0.4s	57.00nm		5.2mb		0.8s	2.60nm	4.4mb		0.5s	33.40nm		
MUN	57.35	243 eP	58 12.00	-1.5			eP	03 54.00	661km	SKO	149.45 325 iPKPc	08 00.30	4.4
	0.5s	90.00nm		5.3mb	ZAK	94.94 322 eP	01 35.00	-3.0X		0.8s	56.00nm		
MRWA	57.69	247 iPc	58 14.80	-1.0		1.1s	8.00nm	4.8mb	PAIG	149.48 320 iPKP	07 59.61	3.6	
	0.4s	31.00nm		4.9mb	GUN	100.67 296 Pd iff	02 05.00	0.1	PLE	149.52 329 iPKPc	08 01.07	4.9	
NANU	58.83	254 iPc	58 23.30	-0.2	KKN	101.15 296 Pd iff	02 06.60	-0.3	SLE	149.57 347 ePKPc	08 00.60	4.6	
CSY	64.53	205 eP	59 00.70	1.4	DMN	101.26 295 Pd iff	02 07.40	0.0	VBY	149.58 336 iPKP	07 55.90	-0.1	
	0.6s	167.40nm		5.5mb	GKN	101.76 296 Pd iff	02 08.60	-0.9		iPKPbc	08 01.00		
SPA	71.75	180 iPc	59 44.60	1.9	MAIO	123.87 302 ePKP	07 10.00	-0.2	GRG	149.59 323 ePKP	07 59.98	3.8	
NJ2	76.03	311 Pc	00 06.40	-0.4	KAF	132.19 343 iPKP	07 22.80	-2.3	IYA	149.61 328 iPKPc	08 00.99	4.7	
	0.8s	19.00nm		4.7mb		0.6s	8.40nm		VOY	149.63 339 iPKPc	08 00.30	4.1	
KGM	76.66	277 ePd	00 11.20	0.7	NUR	133.96 342 iPKP	07 27.00	-1.5	FLN	149.67 359 iPKPc	08 00.90	4.9	
MDJ	76.94	326 eP	00 10.50	-0.9		0.6s	9.60nm			0.4s	22.45nm		
	0.7s	7.40nm		4.3mb	NAO	136.70 351 PKP	07 35.80	2.0	CEY	149.69 338 ePKP	08 01.90	5.7	
CN2	78.65	324 Pc	00 19.80	-0.6		0.5s	2.70nm		HAU	149.76 350 iPKPc	08 01.30	5.1	
	0.8s	18.00nm		4.7mb	HFS	136.88 349 ePKP	07 21.30	-12.8X		0.6s	20.10nm		
BCH	78.85	47 eP	00 22.26	0.4		0.6s	8.90nm		PVY	149.78 328 iPKPc	08 01.04	4.5	
		eP	02 36.80	652km	KAS	142.21 315 iPKPc	07 41.60	-2.7X	OGA	149.78 343 iPKPc	08 01.00	5.2	
ARN	79.03	45 iPd	00 23.11	0.5	EKA	143.07 2 PKP	07 42.00	-3.2X		0.9s	31.00nm		
TIA	79.46	314 eP	00 24.30	-0.5		0.6s	7.00nm		LDF	149.83 358 iPKPc	08 01.20	4.9	
IPM	79.66	278 ePc	00 26.50	0.2	CLI	143.27 326 ePKPc	07 44.00	-1.9		0.5s	15.25nm		
	0.6s	79.60nm		5.4mb	BHL	143.51 302 PKP	07 44.00	-2.8	BSF	149.85 349 iPKPc	08 01.40	4.9	
CM8	80.16	45 iPd	00 28.27	-0.2	LWI	143.88 239 iPKPc	07 48.90	0.8		0.8s	21.20nm		
	0.5s	9.86nm		4.6mb	VR1	144.00 326 ePKP	07 46.50	-0.6	ZLA	149.86 347 ePKPd	08 01.50	5.0	
LGPM	80.17	41 iPd	00 29.13	0.5	UZH	144.20 333 iPKPc	07 47.00	-0.3	GRR	150.05 359 iPKPc	08 02.00	5.4	
ISA	80.22	47 iPd	00 29.00	0.1		1.0s	160.00nm			0.4s	27.60nm		
	0.9s	26.72nm		4.8mb	DMU	144.28 6 iPKPd	07 46.20	-1.1	LIT	150.09 321 ePKP	08 01.30	4.3	
ORV	80.26	43 iPd	00 28.62	-0.3	FAM	144.49 305 ePKP	07 47.90	-0.4	NKY	150.10 329 iPKPc	08 02.08	5.0	
		eP	02 43.47	651km	PSN	144.54 322 iPKPc	07 48.00	-0.1	OSS	150.18 344 iPKPc	08 02.60	5.5	
PEC	80.27	49 eP	00 29.17	0.1	ISR	144.57 325 ePKP	07 48.00	-0.2	BRY	150.26 330 iPKPc	08 02.12	4.8	
	0.8s	6.73nm		4.2mb X	KSP	144.66 341 iPKP	07 47.40	-0.7	TTG	150.26 328 iPKPc	08 02.13	5.0	
						0.8s	60.00nm		FNA	150.29 324 ePKP	08 02.14	4.8	
MEMM	80.94	45 eP	00 33.47	1.1	MLR	144.67 326 ePKPc	07 48.00	-0.4	LLS	150.30 345 iPKPc	08 02.80	5.5	
LBFM	81.01	41 ePc	00 33.47	0.5	DCN	144.80 6 iPKPd	07 47.90	-0.3	OHR	150.39 325 iPKP	08 02.50	5.1	
MTUM	81.03	46 iPd	00 33.46	0.3	DLF	144.91 5 iPKPd	07 48.30	-0.1		0.7s	107.00nm		
		eP	02 49.40	655km	CSS	145.03 305 ePKP	07 49.10	-0.1	LPF	150.41 359 iPKPc	08 02.90	5.8	
GSC	81.22	48 iPc	00 34.11	0.1	WIT	145.04 351 ePKP	07 50.00	1.4		0.7s	53.60nm		
		eP	02 50.08	655km	CLL	145.19 344 iPKPc	07 49.10	0.2	VDL	150.54 345 iPKPd	08 03.60	5.9	
BONR	81.52	45 iPd	00 35.90	0.2		0.8s	80.00nm		BDV	150.58 328 iPKPc	08 02.92	5.3	
		eP	02 51.96	655km	PS2	145.77 334 ePKPc	07 51.30	1.2	ULC	150.60 328 iPKPc	08 02.93	5.2	
BJ1	82.11	317 eP	00 38.00	-0.2	PPCY	145.82 306 ePKP	07 51.20	0.8	HCY	150.62 329 iPKPc	08 02.72	5.0	
KVN	82.22	45 eP	00 38.98	-0.1	WTS	145.82 351 ePKP	07 51.50	1.6	LOR	150.85 353 iPKPc	08 04.00	6.1	
TNP	82.32	46 iPd	00 39.74	0.2		0.7s	27.00nm			0.7s	56.90nm		
	0.8s	14.28nm		4.6mb	PRU	145.95 342 PKPc	07 51.70	1.5	AGG	150.86 320 iPKP	08 02.94	4.7	
		eP	02 56.80	659km		0.7s	16.00nm		HVAR	151.01 332 ePKP	08 02.80	4.6	
TIY	83.45	313 eP	00 45.00	0.0	MOX	146.15 345 iPKPc	07 52.20	1.7	TMA	151.05 345 ePKPc	08 04.20	5.8	
XAN	84.27	309 P	00 49.20	0.1		0.9s	19.00nm		SSF	151.09 353 iPKPc	08 04.60	6.4	
	1.5s	42.00nm		4.8mb						0.5s	42.40nm		
ARUT	84.79	48 eP	00 52.26	0.6	BUD	146.47 335 ePKP	07 52.20	1.1	L8F	151.11 352 iPKPc	08 04.40	6.1	
KHT	85.38	287 eP	00 56.00	1.4	SRO	146.49 336 iPKP	07 53.60	2.5X		0.5s	11.95nm		
KMI	85.49	298 Pc	00 56.50	1.2	ZST	146.64 337 i(PKP)	07 53.90	2.6X					
HHC	85.56	316 iPd	00 56.00	0.8		0.8s	27.00nm		AVF	151.38 353 iPKPc	08 04.70	6.1	
	1.4s	62.00nm		5.1mb			e	27 17.10		0.5s	9.70nm		
MSU	86.01	47 iPd	00 58.00	0.4	DIM	147.07 322 iPKPc	07 55.00	2.8X	SMF	151.46 352 iPKPc	08 04.90	6.1	
		eP	03 15.98	656km	GRF	147.13 345 iPKPc	07 55.30	3.2X		0.7s	5.75nm		
CHG	86.46	291 ePc	01 00.50	0.7	ENN	147.14 351 ePKP	07 54.50	2.5	EMS	151.52 348 ePKPc	08 05.80	6.7	
	1.0s	18.00nm		4.7mb		0.6s	13.00nm		BGF	151.66 354 iPKPc	08 05.70	6.6	
DPW	86.76	37 eP	01 00.25	-0.5	GEC2	147.22 341 ePKPd	07 51.60	-0.8		0.7s	22.15nm		
		eP	03 18.06	653km		0.7s	1.65nm		ORX	151.70 346 PKP	08 07.15	7.0	
FBA	86.90	14 eP	01 00.20	-0.7			ec	07 55.10	IGT	151.72 323 ePKP	08 05.58	6.2	

* NOV 26, 1992 22h 28m 16.44± 2.07
37.010 N ±10.4km 20.357 E ± 7.6km
DEPTH = 10.0km (geophysicist)
38mb ()

OHR 4.11 5 iPh 29 21.10 0.4
1.2s 229.00nm
i 29 37.40
i 30 05.10
i 30 23.00
Lg 30 48.50
TDS 4.12 311 P 29 28.00 7.2X
eSn 30 10.00
THE 4.15 29 ePn 29 21.96 0.8
GRG 4.25 21 ePn 29 22.17 -0.5
eSn 29 58.34
TIR 4.35 355 ePn 29 24.50 0.5
iSn 30 23.00
OUR 4.37 39 ePn 29 24.17 -0.1
eSn 30 01.42
SOH 4.47 31 ePn 29 25.89 0.2
BRT 4.58 328 P 29 39.90 12.6X
eSn 30 32.00
KNT 4.59 25 ePn 29 26.93 -0.6
MNO 4.60 283 P 29 22.50 -5.3X
eSn 30 03.50
VAY 4.64 21 iPh 29 27.40 -0.7
LACI 4.65 354 ePn 29 26.00 -1.7
PHP 4.67 1 iPh 29 27.00 -1.6
iSn 30 43.00
SRS 4.81 31 ePn 29 29.78 -0.9
MGR 4.89 311 P 29 36.00 4.3X
SKO 5.03 9 iPh 29 32.70 -0.9
1.0s 60.00nm 5.1mb X
i 29 48.30
iSn 30 24.00
Lg 31 13.40
MMB 5.27 29 iPh 29 36.00 -1.1
KKB 5.29 23 iPh 29 37.00 -0.4
SGO 5.30 313 P 29 42.50 5.0X
eSn 30 39.00
BCI 5.35 358 ePn 29 36.70 -1.6
RZN 5.76 35 iPh 29 44.00 -0.2
VTS 5.99 21 iPh 29 47.00 -0.4
DUI 6.52 317 P 30 01.00 6.2X
HVAR 6.85 335 ePn 30 05.40 6.1X
VBY 9.31 337 ePn 30 37.20 3.6X
MLR 9.46 25 eP 30 35.50 -0.3
RIY 9.46 333 ePn 29 46.40 -49.3X
CEY 9.79 335 e(P) 30 41.30 1.0
eS 32 23.50
VOY 10.23 334 ePn 30 51.20 4.8X
eSn 32 31.90
GEC2 12.79 340 ePn 31 23.30 2.3
0.6s 0.60nm 4.0mb
e 31 27.00
e 31 30.90
HFS 23.53 352 eP 33 28.10 0.8
0.6s 2.40nm 3.9mb
NAO 24.59 349 P 33 38.80 1.3
0.7s 1.90nm 3.9mb
S.D. = 1.1 on 30 of 46 obs.
NOV 26, 1992 22h 57m 13.53±0.90s
36.620 N ± 6.4km 71.388 E ± 6.4km
DEPTH = 188.9 ± 11.0 km
4.1mb (16 obs.)
AFGHANISTAN-TAJIKISTAN BORD REG. (717)
KSH 4.60 51 P 58 23.50 0.2
S 59 23.50
QUE 7.41 211 eP 59 00.20 0.0
eS 00 21.60
NDI 9.31 147 eP 59 26.50 1.7
0.5s 14.08nm 4.6mb
eS 01 02.00
MAIO 9.59 272 iPh 59 24.50 -4.0X
eS 01 13.00
GKN 14.11 124 P 00 25.12 -1.3
WMO 14.37 55 eP 00 31.00 1.4
KKK 14.68 123 P 00 32.26 -1.3
DMN 14.68 124 P 00 32.78 -0.9
PKI 14.91 123 P 00 35.72 -0.8
GUN 15.01 121 P 00 36.20 -1.6
LSA 17.91 107 eP 01 15.20 3.0X
HYB 20.15 160 eP 01 36.00 1.2
SHL 20.68 116 eP 01 44.00 3.8X
eS 05 23.50
GTA 22.53 74 eP 02 00.00 1.8
0.8s 5.00nm 4.1mb
GBA 23.55 165 P 02 10.00 2.0
KAF 37.70 327 iPh 04 11.90 0.1

NUR 0.3s 0.50nm 3.6mb
37.91 324 eP 04 14.00 0.4
HFS 43.17 322 eP 04 56.10 -0.6
0.4s 3.50nm 4.3mb
NAO 44.64 323 P 05 07.80 -0.7
0.6s 3.30nm 4.0mb
BSF 47.82 305 eP 05 33.70 0.0
0.7s 5.20nm 4.1mb
HAU 48.08 305 eP 05 35.70 0.1
0.7s 3.75nm 4.0mb
LPG 48.35 302 eP 05 39.20 1.2
LPL 48.36 302 eP 05 38.30 0.3
SMF 50.05 304 eP 05 50.50 -0.1
0.8s 5.50nm 4.2mb
SSF 50.17 304 eP 05 50.60 -0.9
0.8s 2.55nm 3.8mb
AVF 50.34 304 eP 05 52.60 -0.2
0.6s 4.50nm 4.2mb
MAF 51.01 304 eP 05 57.30 -0.6
0.8s 4.15nm 4.1mb
TCF 51.23 304 eP 05 59.10 -0.5
0.6s 3.25nm 4.1mb
LSF 51.69 304 eP 06 02.70 -0.4
IMA 71.91 18 eP 08 17.50 0.0
0.7s 1.74nm 3.9mb
YKA 81.11 3 eP 09 08.30 0.0
0.5s 1.00nm 3.8mb
WRA 81.79 122 P 09 12.60 0.0
0.7s 1.00nm 3.7mb
WB2 81.80 122 iPh 09 12.10 -0.5
0.3s 6.40nm 4.8mb
S.D. = 1.0 on 30 of 33 obs.
NOV 26, 1992 23h 38m 24.00±0.78s
32.159 S ± 9.2km 71.257 W ± 9.7km
DEPTH = 79.0 ± 18.2 km
NEAR COAST OF CENTRAL CHILE (135)
MD 4.6 (SAN). Felt (IV) at
Valparaiso.
JACH 0.77 133 iPh 38 39.87 -0.8
ROCH 0.84 166 iPh 38 41.03 -0.5
IHA 0.92 200 iPh 38 41.90 -0.4
IS 38 55.20
PEL 1.09 154 iPh 38 44.50 0.0
IS 38 59.50
LCCH 1.34 191 iPh 38 47.41 -0.1
SAN 1.38 159 iPh 38 48.46 0.3
IS 39 07.00
FCH 1.42 145 iPh 38 49.17 0.2
TACH 1.51 170 iPh 38 50.18 0.3
PCH 1.59 157 iPh 38 51.06 0.1
IS 39 11.96
RTBS 1.61 73 iPh 38 52.70 1.6
LNV 1.80 184 iPh 38 53.17 -0.4
CACH 2.03 164 iPh 38 57.89 0.9
MDZ 2.16 110 i(P) 39 57.50 58.8X
ZON 2.28 75 iPh 39 02.00 1.7
RTLL 2.51 72 iPh 39 04.30 0.7
S 39 34.50
CFA 2.63 79 ePh 39 06.20 1.1
(S) 39 28.00
RFA 3.50 139 iPh 39 17.80 0.6
RTPR 4.47 67 ePh 39 29.70 -1.0
MRA 4.71 95 ePh 39 32.90 -1.1
TCA 5.74 84 iPh 39 46.10 -2.4
(S) 39 46.50
CYA 6.00 53 iPh 39 50.00 -2.1
FSA 7.59 38 eP 40 10.00 -4.0X
CNCB 15.57 12 P 42 00.30 -0.5
LPB 15.82 11 eP 42 11.00 7.2X
ZOB0 16.05 11 iPh 42 07.00 0.0
SIV 18.57 32 P 42 39.20 1.8
BAO 26.80 58 e(P) 43 51.00 -7.7X
e 43 54.10
e 43 56.00
e 43 57.20
e 44 08.50
e 44 30.00
BDF 26.84 58 e(P) 43 50.00 -9.1X
e 43 53.00
e 43 57.90
S.D. = 1.2 on 23 of 28 obs.
NOV 26, 1992 23h 40m 05.27±4.37s
40.201 N ± 18.0km 20.190 E ± 39.7km
DEPTH = 10.0km (geophysicist)

GREECE-ALBANIA BORDER REGION (392)
IGT 0.68 171 ePh 40 18.48 -0.2
eSg 40 28.28
OHR 1.02 27 ePh 40 29.30 4.7
eSg 40 44.20
FNA 1.08 57 ePh 40 25.12 -0.4
eSg 40 40.00
LIT 1.77 93 ePh 40 35.32 -0.8
eSb 40 58.16
GRG 1.85 65 ePh 40 38.00 0.8
SKO 2.01 28 ePh 40 46.00 6.5
iSn 41 14.00
AGG 2.03 125 ePh 40 40.56 0.6
iSb 41 03.76
S.D. = 1.0 on 5 of 7 obs.
NOV 26, 1992 23h 51m 00.58±3.03s
16.283 S ± 71.0km 70.905 W ± 37.1km
DEPTH = 205.9 ± 25.0 km
4.0mb (2 obs.)
SOUTHERN PERU (117)
ZOB0 2.66 90 iPh 51 47.00 -0.8
S 52 19.70
LPB 2.70 96 ePh 51 48.00 0.0
S 52 21.20
CNCB 2.85 101 iPh 51 51.00 1.1
S 52 26.00
CCH 4.69 104 P 52 11.40 -0.7
NNA 7.17 306 eP 52 41.50 -2.4
0.6s 10.00nm 4.2mb
eS 54 05.50
SIV 9.45 90 P 53 14.00 0.3
ULM 69.80 343 eP 01 50.50 0.2
YKA 85.66 341 eP 03 16.50 -0.3
0.6s 1.00nm 3.8mb
S.D. = 0.9 on 7 of 8 obs.
NOV 27, 1992 00h 04m 07.37±8.01s
19.584 S ± 59.3km 170.671 W ± 95.9km
DEPTH = 33.0km (normal)
5.3mb (4 obs.)
TONGA ISLANDS REGION (174)
DZM 21.53 259 iPh 08 56.70 0.7
MNG 24.09 207 eP 09 21.90 1.1
QRZ 25.59 211 eP 09 33.80 -1.3
THZ 26.15 209 eP 09 40.40 0.0
KHZ 26.39 207 eP 09 45.20 2.6X
DSZ 26.64 210 P 09 44.60 -0.3
LTZ 27.24 208 eP 09 51.40 1.0
0.3s 22.00nm 5.3mb
STK 44.39 244 eP 12 14.70 -2.1
ASPA 51.42 255 iPh 13 12.40 0.7
0.3s 12.90nm 5.4mb
WB2 51.54 260 iPh 13 15.00 3.2X
0.2s 22.90nm 5.8mb
WRA 51.55 260 P 13 15.90 3.3X
0.7s 4.90nm 4.6mb
WARB 57.66 251 eP 13 57.40 0.2
S.D. = 1.2 on 9 of 12 obs.
NOV 27, 1992 01h 22m 59.66±12.52s
19.038 N ± 84.2km 67.247 W ± 59.2km
DEPTH = 33.0km (normal)
MONA PASSAGE (89)
APR 0.76 140 iPh 23 14.00 0.1
MGP 1.04 172 iPh 23 17.90 0.0
PORP 1.14 149 iPh 23 19.00 -0.3
CLLP 1.15 146 iPh 23 19.70 0.3
SJC 1.39 131 iPh 23 23.00 0.0
S 23 39.00
LPR 1.49 119 iPh 23 24.50 0.0
CPD 1.61 128 iPh 23 26.00 -0.1
S.D. = 0.2 on 7 of 7 obs.
NOV 27, 1992 01h 38m 19.10s
59.045 N 152.058 W
DEPTH = 55.3km
SOUTHERN ALASKA (2)
<AEIC>. ML 3.2 (AEIC).
XLV 0.45 23 iPh 38 29.51 -0.7
eS 38 37.95
SYI 0.47 202 iPh 38 29.88 -0.6

CHJJ	24.67	229	eP	04	21.00	
MTMJ	24.75	232	eP	59	59.00	0.4
KDC	24.99	65	eP	59	59.00	0.3
PMS	25.82	56	eP	00	01.90	0.4
	0.8s		9.80nm	00	10.80	1.5
PMR	25.98	55	eP	00	10.58	-0.1
	1.2s		24.92nm			4.7mb
Z	19s		1.57um			4.6MsZ
			eP	00	18.64	29km
BOD	26.17	296	eP	00	12.70	0.2
	0.9s		85.00nm			5.4mb
FBA	26.31	48	eP	00	13.33	-0.4
	1.0s		16.81nm			4.6mb
TSRJ	26.45	233	eP	00	12.30	-3.0X
TOA	27.29	54	eP	00	23.20	0.4
KLU	27.51	55	eP	00	24.82	0.0
WKYJ	27.72	232	P	00	26.80	-0.1
YONJ	27.93	237	eP	00	28.70	0.0
CIT	28.49	284	eP	00	27.00	-6.8X
TKSJ	28.63	234	eP	00	35.40	0.3
SHNJ	29.93	239	P	00	47.80	1.1
IRK	33.49	290	eP	01	01.50	-16.3X
	Z	16s	2.12um			5.0MsZ
	N	17s	1.70um			
	E	14s	1.33um			
			e	01	12.00	37km
SIT	34.01	60	P	01	30.00	7.9X
	Z	20s	1.84um			4.8MsZ
NRI	34.83	323	ePd	01	26.00	-3.1X
	1.2s		16.00nm			4.8mb
	Z	20s	6.00um			5.3MsZ
	E	20s	4.80um			
			e	01	40.00	55kmX
			e	02	55.00	
			e	03	08.00	
			e	04	00.00	
			e	09	32.00	
MBC	34.86	24	eP	01	29.00	-0.3
	0.9s		5.00nm			4.4mb
ZAK	34.98	287	eP	01	29.20	-1.3
	1.4s		12.00nm			4.6mb
			e	04	02.00	
MOY	35.58	291	eP	01	36.10	0.5
YKA	41.02	45	eP	02	20.60	-0.3
	0.6s		5.00nm			4.4mb
ELT	42.40	300	eP	02	30.00	-2.2
	1.0s		25.00nm			4.9mb
Z	14s		3.80um			5.4MsZ
			e	04	25.00	
			eS	08	52.00	
			e	12	36.00	
LZH	43.49	269	eP	02	40.00	-1.6
	1.4s		39.00nm			5.0mb
Z	14s		3.46um			5.4MsZ
	N	12s	1.94um			
	E	13s	2.17um			
HON	45.00	122	P	03	00.00	6.3X
	Z	20s	0.97um			4.7MsZ
DPW	47.71	64	eP	03	14.41	-0.5
CVP	48.18	236	eP	03	18.00	-0.8
DAG	48.52	0	eP	03	20.30	-0.4
	0.7s		12.33nm			5.0mb
SES	49.65	57	eP	03	30.00	0.1
WDC	50.23	74	P	03	40.00	5.6X
Z	19s		0.74um			4.7MsZ
FCC	51.31	40	ePc	03	45.50	3.3X
ORV	51.51	74	eP	03	43.23	-0.9
SVE	51.69	317	ePd	03	44.50	-0.7
	3.5s		180.00nm			5.4mb
Z	15s		2.00um			5.3MsZ
	N	16s	1.70um			
	E	16s	1.00um			
			e	04	03.00	73kmX
LRM	52.02	62	eP	03	48.10	-0.1
PLP	52.49	228	ePc	03	52.00	0.3
ARU	52.78	317	eP	03	51.00	-2.4X
	Z	20s	2.50um			5.3MsZ
	N	16s	1.50um			
	E					

MEMM	54.27	74	eP	04 09.34	25km	QUE	68.60	292	eP	05 39.90	-1.7	L1BD	75.01	343	P	06 19.21	0.0
BONR	54.41	73	eP	04 06.04	0.0	PYA	68.61	317	iPd	05 41.50	0.2	ECH	75.02	343	P	06 18.79	-0.6
HVU	54.67	66	eP	04 08.14	0.4	Z 18s	1.0s	100.00nm		5.9mb		WATA	75.05	340	iPc	06 19.90	0.2
TNP	54.92	72	eP	04 09.44	-0.2	FVM	68.70	54	eP	05 40.61	-1.3	WTTA	75.10	340	iPc	06 20.40	0.3
	0.8s			12.25nm	5.0mb	Z 21s	0.6s	14.64nm		5.3mb			1.0s			40.70nm	5.4mb
BW06	55.63	63	eP	04 17.37	26km	EKA	69.38	351	Pd	05 44.50	-1.3	FEL	75.20	342	P	06 19.91	-0.6
	1.3s			15.31nm	4.9mb		0.6s	21.20nm		5.4mb		VITF	75.21	344	P	06 20.12	-0.3
DUG	55.78	67	eP	04 15.63	-0.2	ELC	69.82	54	eP	05 47.42	-1.3	SLE	75.22	342	ePd	06 20.50	0.0
	0.9s			7.96nm	4.7mb	MTA	69.87	315	iP	05 48.40	-0.5	SQTA	75.23	340	iPc	06 21.00	0.3
ISA	55.97	75	P	04 30.00	12.9X		0.8s	120.00nm		6.1mb		MOF	75.38	343	P	06 21.02	-0.5
Z 21s				0.52um	4.6Msz	Z 16s	1.0s	0.50um		4.9MszX		BSF	75.45	343	P	06 21.14	-0.8
DAU	56.45	66	eP	04 20.95	0.1	N 16s	1.0s	0.50um				CEH	75.48	47	eP	06 20.92	-1.2
ULM	56.72	49	eP	04 24.50	2.3	E 16s	1.0s	0.50um					0.7s			12.02nm	5.0mb
EMUT	57.12	66	eP	04 25.17	-0.3	RSNY	69.88	39	P	06 00.00	11.0X	ZAG	75.54	336	eP	06 22.60	0.3
GSC	57.16	74	eP	04 25.48	-0.2	Z 20s	0.37um			4.6Msz		OGA	75.61	340	eP	06 23.60	0.6
ARUT	57.19	70	eP	04 25.74	-0.2	MIAR	69.96	58	P	06 00.00	10.4X		1.0s			29.00nm	5.2mb
MSU	57.34	68	eP	04 27.38	0.3	Z 19s	0.66um			4.9Msz		BBS	75.69	342	P	06 22.82	-0.4
RSSD	57.44	58	eP	04 27.70	0.0	CBM	70.01	34	P	06 00.00	10.2X	GBA	75.87	274	P	06 23.80	-0.8
	0.7s			8.15nm	4.9mb	Z 18s	0.48um			4.8Msz		LOMF	75.91	343	P	06 24.04	-0.5
Z 22s				0.81um	4.8Msz	OLY	70.21	56	eP	05 49.76	-1.4	OSS	75.95	340	ePd	06 25.60	0.7
						OJC	70.51	335	eP	05 52.70	-0.1	CTA	75.97	195	P	06 25.10	0.1
SRU	57.78	67	eP	04 30.16	0.1	WIT	70.65	344	eP	05 54.00	0.5	LLS	75.99	341	ePc	06 25.30	0.1
KAF	58.18	337	iP	04 31.20	-1.1	KSP	70.73	338	iPc	05 53.40	-0.7	VBY	76.00	337	iPc	06 25.00	0.1
	0.3s			9.00nm	5.3mb		0.9s	49.00nm		5.6mb		VDL	76.27	341	iPd	06 27.50	0.8
PV09	58.97	66	eP	04 39.42	0.9	CLL	70.97	340	iPc	05 54.70	-0.8	TMA	76.75	341	iPd	06 29.50	0.1
PV08	59.17	66	eP	04 38.81	-1.2		1.3s	78.00nm		5.7mb		DZM	76.83	176	iPc	06 37.00	7.2X
						DMU	71.10	353	iPd	05 56.40	0.1	MMK	76.97	342	ePd	06 30.90	0.2
PUL	59.28	334	(P)	04 37.00	-3.0X		0.7s	89.00nm		6.0mb		PLE	77.03	333	iPc	06 31.20	0.4
	1.6s			70.00nm	5.5mb	BRG	71.20	339	iPc	05 56.30	-0.6	DIX	77.04	342	ePc	06 31.60	0.5
Z 16s				1.00um	5.0MszX		1.0s	40.00nm		5.5mb		EMS	77.14	342	ePc	06 32.10	0.6
N 16s				0.90um		UZH	71.35	333	eP	05 56.60	-1.2	IVA	77.32	332	iPc	06 32.18	-0.2
E 16s				1.20um			1.0s	27.00nm		5.3mb		ALN	77.36	327	iP	06 32.66	0.1
CHG	59.38	259	eP	04 40.00	-1.2	Z 17s	1.00um			5.1MszX		ORX	77.37	342	P	06 32.41	-0.3
	0.6s			14.00nm	5.3mb	E 17s	1.00um					PVY	77.56	332	iPc	06 33.40	-0.4
GUN	59.81	276	P	04 41.88	-2.6X	SPC	71.36	335	eP	05 58.20	0.1	NKY	77.61	333	iPc	06 33.28	-0.8
GLA	59.93	74	eP	04 44.23	-0.6	WTS	71.42	344	eP	05 58.00	-0.2	BRY	77.65	333	iPc	06 33.40	-0.9
NUR	59.98	337	eP	04 43.30	-1.5		0.8s	26.00nm		5.3mb		LSD	77.69	342	P	06 35.12	0.3
	1.0s			48.40nm	5.6mb	DLF	71.67	353	iPd	05 59.60	-0.1	SKO	77.73	331	iP	06 34.30	-0.5
GOL	60.03	63	eP	04 46.22	0.4	DCN	71.68	353	iPd	05 59.60	-0.1		Z 19s			1.03um	5.2Msz
	1.5s			34.23nm	5.3mb		0.7s	76.00nm		5.9mb			LR			45	06.50
Z 20s				0.62um	4.7Msz	MOX	71.88	341	iPc	06 00.70	-0.3	TTG	77.90	333	iPc	06 34.78	-0.7
KKN	60.25	277	P	04 44.94	-2.4		1.1s	53.00nm		5.5mb		SRS	77.90	329	eP	06 35.00	-0.6
	0.8s			45.00nm	5.6mb	PRU	71.91	339	P	06 01.00	-0.2	RSP	77.97	342	P	06 35.94	-0.1
PKI	60.34	276	P	04 44.98	-3.1X		0.8s	24.00nm		5.3mb		VAY	78.01	330	iP	06 36.60	0.5
	0.8s			40.00nm	5.6mb	Z 16s	0.60um			5.0MszX			0.8s			51.00nm	5.6mb
GKN	60.45	277	P	04 46.18	-2.5					86kmX		KNT	78.07	330	eP	06 36.37	-0.1
DMN	60.48	277	P	04 45.90	-3.1X	VRAC	72.11	337	eP	06 02.60	0.3	HCY	78.08	333	iPc	06 35.40	-1.1
	0.8s			32.00nm	5.5mb		1.0s	78.20nm		5.7mb		RSM	78.12	338	P	06 38.34	1.7
MOS	60.67	328	eP	04 49.00	-0.6	HOF	72.14	340	iPd	06 02.80	0.2		0.8s			120.70nm	6.0mb
	1.0s			90.00nm	5.9mb	HYB	72.19	275	eP	06 01.70	-1.6	BDV	78.15	333	iPc	06 35.85	-1.1
Z 20s				1.90um	5.2Msz		1.0s	40.00nm		5.4mb		SOH	78.25	329	eP	06 37.12	-0.4
						HRV	72.73	39	P	06 20.00	13.9X	SFI	78.26	338	P	06 39.04	1.6
QBN	61.53	328	iPd	04 54.50	-0.9	ENN	72.75	344	eP	06 06.00	-0.1	BHB	78.27	342	P	06 38.46	0.9
	1.0s			60.00nm	5.7mb		0.9s	31.00nm		5.3mb		WB2	78.27	206	iPd	06 37.10	-0.6
Z 20s				1.30um	5.1Msz	GRF	72.86	341	iPc	06 07.30	0.5		1.0s			12.50nm	4.9mb
N 20s				0.90um			1.2s	131.00nm		5.8mb		WRA	78.27	206	P	06 37.20	-0.6
E 20s				0.40um			Z 20s	0.30um		4.6Msz			0.7s			4.60nm	4.6mb
												RRL	78.27	342	P	06 38.91	1.0
UPP	62.03	341	iP	04 57.80	-0.9	ZST	73.04	336	eP	06 08.00	0.2	SSB	78.30	344	P	06 37.72	0.0
NAO	62.30	345	P	04 58.80	-1.7		1.0s	28.80nm		5.2mb		PCP	78.32	341	P	06 38.00	0.1
	1.0s			47.80nm	5.6mb	WET	73.06	339	iPc	06 08.30	0.3	ULC	78.34	333	iPc	06 36.99	-1.0
HFS	62.49	343	eP	05 00.10	-1.7		1.0s	60.00nm		5.6mb		BDI	78.38	339	P	06 38.81	0.6
	0.5s			4.90nm	4.9mb	SRO	73.11	335	eP	06 09.00	0.8	GRG	78.40	330	eP	06 38.16	-0.2
Z 16s				330.00um	7.6MszX	GEC2	73.17	339	ePc	06 08.20	-0.6	OUR	78.51	329	iP	06 38.54	-0.3
							0.7s	12.64nm		5.0mb		CRE	78.51	338	P	06 39.86	0.8
ALO	63.05	67	P	05 20.00	13.9X	MLR	73.21	329	iPd	06 10.00	0.9		1.0s			34.10nm	5.3mb
	Z 18s			0.43um	4.6Msz		73.24	345	Pc	06 08.30	-0.7	FIR	78.52	339	eP	06 40.00	1.1
JFWS	64.83	51	P	05 30.00	12.6X	SNF	73.25	335	eP	06 09.00	0.0	PZZ	78.62	342	P	06 38.82	-0.8
	Z 20s			0.88um	4.9Msz	BUD	73.60	345	Pd	06 11.00	-0.1	ROB	78.68	341	P	06 39.10	-0.8
MNK	65.17	332	eP	05 15.00	-4.3X	DOU	0.7s	18.90nm		5.2mb		FIN	78.70	341	P	06 39.28	-0.7
	1.0s			132.00nm	6.0mb		73.68	330	ePd	06 10.50	-1.1	OHR	78.71	331	iP	06 39.50	-0.6
Z 16s				1.50um	5.3MszX	CMP	73.78	344	P	06 13.00	0.9		1.0s			88.00nm	5.7mb
EEO	66.41	41	eP	05 31.50	4.1X	WLF	73.80	320	iP	06 13.00	0.6	ENR	78.83	342	P	06 39.42	-1.3
WMOK	67.20	62	eP	05 31.83	-0.8	KVT	74.17	343	P	06 14.25	-0.2	STV	78.83	342	P	06 39.23	-1.5
	1.0s			17.50nm	5.1mb	LANF	74.18	343	P	06 14.69	0.3	FNA	78.85	331	eP	06 40.56	-0.3
Z 19s				0.64um	4.9Msz	HOFF	74.31	340	eP	06 15.40	0.1	ASS	78.89	338	P	06 42.04	1.0
TUL	67.78	59	e(P)	05 35.30	-0.9	FUR	0.9s	32.00nm		5.3mb			1.0s			63.70nm	5.6mb
	0.4s			2.50nm	4.7mb		74.36	322	iPd	06 16.90	1.2	PAIG	78.97	329	iP	06 40.97	-0.4
LNO	67.78	59	e(P)	05 35.10	-1.0	KAS	74.41	339	iPd	06 16.80	0.9	IMI	79.05	341	P	06 42.07	0.1
GRO	68.13	315	iPc	05 39.00	0.7	BHG	0.7s	25.00nm		5.3mb		LIT	79.16	330	iP	06 41.74	-0.8
	Z 16s			2.50um	5.5MszX		74.56	343	P	06 17.16	0.5	AQU	79.41	337	P	06 44.63	0.8
N 16s				5.00um		STR	74.79	343	P	06 17.62	-0.5	DUI	79.82	336	P	06 47.13	1.0
E 16s				4.00um		WLS	74.81	343	P	06 17.82	-0.4		1.1s			36.50nm	5.3mb
SLM	68.26	53	P	05 50.00	10.8X	CDF	74.93	338									

27d 02h

RFI 80.28 336 P 06 49.24 0.8
 HRI 80.76 317 eP 06 51.20 -0.1
 MTHF 80.90 345 P 06 52.76 1.0
 LESF 80.99 346 P 06 53.18 1.0
 MGR 81.00 335 P 06 52.43 0.1
 0.8s 99.60nm 5.9mb
 GRBF 81.14 346 P 06 53.72 0.6
 TDS 81.26 334 P 06 54.38 0.7
 0.7s 26.70nm 5.4mb
 PERF 81.29 345 P 06 54.82 1.0
 RMO 81.93 192 eP 06 57.20 0.1
 ASPA 81.95 206 iPc 06 57.10 -0.2
 1.1s 25.30nm 5.2mb
 EGRA 82.03 347 iPd 06 58.70 1.1
 GRI 82.03 334 P 06 58.18 0.5
 0.7s 99.00nm 6.0mb
 JVI 82.10 316 eP 06 58.10 -0.1
 SOI 82.03 334 P 07 02.06 0.3
 0.5s 11.50nm 5.2mb
 EBR 83.27 346 eP 07 05.50 1.5
 ERDO 83.28 346 iPd 07 05.40 1.3
 ETOR 83.60 348 iPd 07 07.00 1.1
 ESEL 83.94 344 iPd 07 09.10 1.6
 GUD 84.01 349 iPd 07 08.80 0.8
 MBH 84.19 316 eP 07 08.70 -0.3
 ECHE 84.68 347 iPd 07 12.70 1.4
 TOL 84.76 349 iPc 07 14.00 2.4
 0.9s 21.01nm 5.4mb
 EPLA 84.78 351 iPd 07 13.00 1.2
 EVIA 85.81 348 eP 07 18.30 1.3
 EHUE 86.63 348 eP 07 22.40 1.3
 EHUR 86.92 350 eP 07 23.30 1.0
 ECOG 87.28 349 eP 07 24.80 0.5
 ENIJ 87.42 347 eP 07 25.50 0.7
 EGUA 87.72 348 eP 07 26.60 0.4
 STK 88.27 197 iPd 07 32.80 4.2X
 EJIF 88.30 350 iPd 07 30.60 1.6
 TIC 117.65 345 (PKP) 13 23.80 -0.3
 KIC 117.89 345 (PKP) 13 23.90 -0.7
 ZOBO 125.64 65 ePKP 13 39.00 -1.2
 Z 24s 0.15um 4.6mszX
 LR 50 20.00
 LPB 125.86 65 ePKP 13 49.00 8.7X
 CNCB 126.15 65 PKP 13 40.00 -1.1
 SIV 128.95 58 PKP 13 50.00 4.3X
 SPA 144.80 180 iPKPd 14 10.70 -2.8X
 0.9s 63.64nm
 CER 146.21 294 iPKPd 14 20.50 3.7X
 S.D. = 0.9 on 229 of 263 obs.

NOV 27, 1992 02h 53m 34.00 ± 0.26s
 44.544 N ± 2.1km 7.310 E ± 4.0km
 DEPTH = 17.3 ± 4.7 km
 NORTHERN ITALY (545)
 ML 3.0 (LDG), 2.8 (GEN), 2.5 (STR).

DOI 0.06 229 Pd 53 37.00 -0.5
 ISg 53 39.00
 BMB 0.30 354 Pc 53 40.81 0.2
 S 53 44.88
 STV 0.30 178 P+ 53 40.29 -0.4
 S 53 43.78
 ENR 0.33 166 P+ 53 40.90 -0.2
 S 53 45.01
 ROB 0.47 122 P+ 53 44.27 0.7
 S 53 51.00
 RRL 0.53 315 P+ 53 44.49 -0.2
 S 53 51.26
 TOUF 0.53 185 Pg 53 44.43 -0.2
 AUTN 0.56 171 Pg 53 44.84 -0.2
 SAOF 0.58 162 Pg 53 45.30 -0.1
 Sg 53 53.20
 RSP 0.61 356 P 53 45.70 -0.2
 AURF 0.66 179 Pg 53 46.68 0.0
 MVIF 0.66 190 Pg 53 46.75 0.0
 Sg 53 55.48
 SBF 0.69 172 Pg 53 47.35 0.2
 Sg 53 56.69
 FIN 0.73 117 P+ 53 48.64 0.8
 S 53 59.06
 REVF 0.81 177 Pg 53 49.72 0.5
 CALN 0.85 201 Pg 53 50.39 0.4
 PCP 0.88 90 P- 53 51.80 1.3
 S 54 04.14
 LSD 0.92 353 P 53 51.84 0.5
 S 54 04.15

LPG 1.03 338 Pg 53 54.00 0.8
 Sg 54 07.70
 LPL 1.06 337 Pg 53 54.50 0.9
 Sg 54 08.80
 FRF 1.09 206 Pn 53 54.10 0.8
 Pg 53 54.70
 Sg 54 07.80
 ORX 1.19 23 P+ 53 37.44 -18.3X
 S 53 38.97
 LRG 1.29 213 Pn 53 57.80 0.7
 Pg 53 58.40
 Sg 54 13.90
 LMR 1.34 206 Pn 53 58.50 0.6
 Pg 53 59.00
 Sg 54 15.50
 PGF 2.34 148 Pn 54 11.80 -0.6
 Sn 54 37.50
 SMF 3.22 312 Pn 54 24.80 0.1
 Sn 55 02.40
 Sg 55 16.50
 BSF 3.31 354 Pn 54 24.10 -2.0
 Sn 55 02.90
 LBF 3.38 317 Pn 54 28.30 1.3
 Sn 55 07.00
 HAU 3.53 349 Pn 54 28.60 -0.5
 Sn 55 08.30
 AVF 3.57 310 Pn 54 28.80 -0.9
 Sg 55 27.00
 LOR 3.64 320 Pn 54 31.70 1.0
 Sn 55 12.70
 BGF 3.73 304 Pn 54 32.80 0.8
 Sg 55 31.80
 CAF 3.76 278 Pn 54 32.60 0.1
 CDF 3.87 360 Pn 54 32.40 -1.6
 Sn 55 15.50
 S.D. = 0.8 on 33 of 34 obs.

? NOV 27, 1992 03h 18m 14.63 ± 4.86s
 39.682 N ± 31.4km 23.843 E ± 19.8km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 PAIG 0.28 333 iPg 18 20.22 -0.2
 eSg 18 24.42
 OUR 0.66 9 iPg 18 27.30 -0.4
 eSg 18 38.22
 LIT 1.12 292 ePg 18 35.54 -0.1
 SOH 1.20 342 ePb 18 37.34 0.4
 eSb 18 54.86
 SRS 1.45 352 ePb 18 41.22 0.4
 eSb 19 00.98
 KNT 1.64 334 iPb 18 46.46 2.8X
 eSb 19 07.74
 S.D. = 0.5 on 5 of 6 obs.

* NOV 27, 1992 03h 18m 17.20 ± 1.07s
 42.938 N ± 7.9km 13.079 E ± 13.4km
 DEPTH = 10.0km (geophysicist)
 CENTRAL ITALY (381)
 ASS 0.33 293 Pc 18 23.00 -1.1
 eSg 18 28.50
 ARV 0.57 350 P 18 28.00 -0.8
 eSg 18 37.50
 CRE 1.07 310 P 18 38.00 0.5
 eSg 18 55.00
 RMP 1.16 194 P 18 39.00 0.1
 eSg 18 56.50
 SFI 1.33 318 P 18 43.00 1.3
 eSn 18 59.00
 SDI 1.35 156 P 18 42.00 0.0
 eSg 19 02.00
 FIR 1.57 303 eP 19 05.00 19.8X
 TRI 2.81 10 e(P) 19 36.90 33.9X
 VBY 3.01 31 e(Pn) 19 11.00 5.3X
 e(Sn) 19 42.70
 S.D. = 1.1 on 6 of 9 obs.

NOV 27, 1992 03h 26m 13.35 ± 2.57s
 32.275 S ± 13.4km 71.876 W ± 22.9km
 DEPTH = 52.5 ± 44.9 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.3 (SAN).
 IHA 0.77 165 eP 26 27.70 -0.6
 IS 26 39.80
 ROCH 1.01 134 iP+ 26 30.59 -1.1

JACH 1.16 111 iS 26 46.35
 iP+ 26 32.17 -1.4
 LCCH 1.22 168 iS 26 47.69
 iPd 26 34.54 0.1
 PEL 1.33 131 iS 26 51.83
 iPd 26 35.54 -0.4
 SAN 1.56 139 iS 26 53.83
 iPd 26 39.43 0.3
 TACH 1.59 150 iS 27 01.75
 eP 26 40.52 1.0
 FCH 1.70 129 iS 27 02.72
 eP 26 41.11 -0.3
 LNV 1.72 167 (P) iS 27 05.15
 iS 27 07.65
 PCH 1.76 140 eP 26 42.89 0.8
 iS 27 08.16
 CACH 2.13 150 (P) iS 26 50.80 3.6
 iS 27 16.81
 ZON 2.81 76 eP 26 59.00 2.1
 RTLL 3.05 73 ePc 27 01.50 1.2
 S 27 45.00
 CFA 3.16 79 ePd 27 03.00 1.1
 S 27 42.00
 RFA 3.78 132 ePd 27 12.00 1.4
 RTPR 5.00 68 e(P)c 27 27.10 -0.5
 MRA 5.22 93 e(P) 27 30.20 -0.6
 TCA 6.27 83 eP 27 43.50 -2.1
 CYA 6.50 56 eP 27 48.00 -0.7
 S.D. = 1.2 on 18 of 19 obs.

* NOV 27, 1992 03h 29m 53.46 ± 1.12s
 32.382 S ± 7.3km 71.656 W ± 11.9km
 DEPTH = 58.2 ± 15.0 km
 NEAR COAST OF CENTRAL CHILE (135)
 MD 4.7 (SAN).

IHA 0.64 179 eP 30 05.10 -1.9
 IS 30 17.10
 ROCH 0.80 137 iP+ 30 08.32 -0.9
 JACH 0.95 109 iP+ 30 09.89 -1.1
 LCCH 1.09 176 iPd 30 12.18 -0.6
 PEL 1.12 133 iPd 30 13.27 0.1
 SAN 1.36 142 iPd 30 17.32 0.8
 TACH 1.40 155 iP 30 17.76 0.6
 FCH 1.49 130 iP+ 30 18.87 0.3
 PCH 1.56 142 iPd 30 20.24 0.8
 LNV 1.58 173 iPd 30 18.51 -1.0
 CACH 1.94 153 iPd 30 26.55 1.8
 RTBS 2.00 70 iPc 30 26.20 0.8
 MDZ 2.42 103 iP 30 33.00 2.4
 IS 31 10.10
 ZON 2.66 73 eP 30 35.00 0.2
 RTLL 2.91 70 ePc 30 38.00 0.3
 S 31 18.00
 CFA 3.00 76 eP 30 40.20 0.5
 RFA 3.57 133 iPd 30 49.40 1.7
 S 31 40.00
 RTPR 4.86 66 ePd 31 04.00 -1.8
 MRA 5.03 92 e(P) 31 07.30 -0.9
 CYA 6.40 54 iP 31 24.00 -3.4
 ARE 15.85 1 eP 33 36.00 1.4
 CNC8 15.86 13 P 33 36.70 1.7
 LPB 16.11 12 P 33 39.00 1.0
 ZOBO 16.34 12 P 33 36.00 -5.1
 SIV 18.94 33 P 34 12.60 0.0
 BAO 27.20 58 Pc 35 29.00 -4.8
 e 35 30.50
 e 35 38.90
 e 35 43.00
 e 35 49.00
 e 36 06.00
 e 36 09.40
 LIC 73.96 72 P 41 23.40 -1.3
 KIC 74.27 72 P 41 25.20 -1.3
 WRA 122.33 209 PKP 48 52.50 8.6
 0.7s 0.60nm
 S.D. = 1.5 on 26 of 29 obs.

% NOV 27, 1992 04h 07m 30.10 ± 1.04s
 18.399 N ± 14.4km 66.815 W ± 8.3km
 DEPTH = 33.0km (normol)
 PUERTO RICO REGION (90)
 APR 0.10 57 iP 07 34.90 -1.0
 MCP 0.28 274 iP 07 38.90 1.3
 S 07 50.00

PORP 0.38 154 iP 07 39.80 0.8
MGP 0.47 214 iP 07 38.80 -1.4
S 07 50.00
SJG 0.69 114 iP 07 44.00 0.5
LPR 0.90 96 iP 07 45.50 -1.0
CPD 0.93 113 iP 07 47.60 0.8
S.D. = 1.3 on 7 of 7 obs.

NOV 27, 1992 04h 39m 29.33±3.38s
35.639 S ±14.6km 179.596 W ±27.5km
DEPTH = 59.4 ±20.8 km
5.0mb (4 obs.) 4.6Msz (1 obs.)
EAST OF NORTH ISLAND, N.Z. (688)

HBZ 2.59 220 eP 40 08.30 -1.2
e 43 13.10
NOZ 3.52 212 eP 40 22.80 0.0
URZ 3.71 224 P 40 25.50 0.0
eS 41 12.20
TAZ 4.05 229 eP 40 31.40 1.2
PATZ 4.30 229 eP 40 35.00 1.2
WLZ 4.46 239 P 40 36.20 0.3
NGZ 5.20 226 eP 40 45.50 -1.1
CNZ 5.25 226 eP 40 46.80 -0.4
MOZ 5.31 236 P 40 48.20 0.2
DZM 18.20 314 iPc 43 39.30 -0.1
RMQ 28.50 280 eP 45 21.70 0.6
1.0s 29.00nm 4.9mb
ASPA 41.79 274 iPd 47 14.50 -0.2
0.7s 20.50nm 5.0mb
Z 18s 0.70um 4.6Msz
WB2 43.24 279 iPd 47 26.00 -0.5
0.6s 37.30nm 5.3mb
WRA 43.25 279 P 47 26.10 -0.5
0.6s 16.60nm 5.0mb
BCAO 144.72 212 iPKPd 59 02.10 0.6
0.9s 14.00nm
id 59 12.60
LIC 150.30 169 (PKP) 59 17.60 7.2X
KIC 150.48 170 (PKP) 59 18.00 7.3X
NAO 153.92 348 PKP 59 22.40 8.2X
0.8s 2.60nm
S.D. = 0.8 on 15 of 18 obs.

? NOV 27, 1992 05h 15m 53.22±4.01s
15.859 N ±24.6km 60.799 W ±43.8km
DEPTH = 33.0km (normal)
LEEWARD ISLANDS (92)
ML 3.0 (FDF).

PAG 0.86 281 eP 16 09.15 0.1
S 16 21.70
CRM 1.11 186 iPc 16 12.47 0.0
S 16 26.70
FDF 1.17 197 iPc 16 13.21 -0.2
S 16 28.10
MVM 1.30 184 iPc 16 15.33 0.1
S 16 31.90
BIM 1.36 191 iPc 16 16.06 0.0
S 16 32.90
MGH 1.61 302 eP 16 19.60 -0.1
S.D. = 0.1 on 6 of 6 obs.

* NOV 27, 1992 06h 07m 27.43±0.91s
33.934 S ±8.5km 71.339 W ±7.6km
DEPTH = 33.0km (normal)
NEAR COAST OF CENTRAL CHILE (135)
MD 3.3 (SAN).

LNv 0.06 250 iP+ 07 33.30 0.3
iS 07 38.54
TACH 0.44 50 iPd 07 37.45 0.3
iS 07 45.85
LCCH 0.50 337 iP 07 37.38 -0.6
iS 07 46.34
CACH 0.64 107 iP+ 07 40.00 -0.2
iS 07 50.35
PCH 0.75 66 iPd 07 41.50 -0.2
iS 07 53.20
PEL 0.96 35 eP 07 44.36 -0.3
iS 07 59.73
ROCH 1.00 16 eP 07 45.84 0.5
iS 08 00.61
FCH 1.06 56 iPd 07 46.09 -0.3
iS 08 02.18
JACH 1.40 27 eP 07 51.29 0.4
iS 08 10.02

S.D. = 0.4 on 9 of 9 obs.
? NOV 27, 1992 06h 29m 16.41±3.00s
17.952 S ±49.1km 72.095 W ±28.6km
DEPTH = 33.0km (normal)
NEAR COAST OF PERU (115)

LPB 4.07 70 Pc 30 18.00 -0.4
CNCB 4.09 74 eP 30 19.00 0.3
ZOB0 4.14 67 iPc 30 19.80 0.3
CCH 5.70 85 P 30 42.00 0.6
SIV 10.73 81 eP 31 50.00 -0.9
KIC 70.70 76 (P) 40 31.60 0.0
S.D. = 0.7 on 6 of 6 obs.

? NOV 27, 1992 06h 35m 13.50±0.93s
40.565 N ±6.9km 22.241 E ±9.1km
DEPTH = 10.0km (geophysicist)
GREECE (364)

GRG 0.41 17 ePg 35 22.00 0.2
eSg 35 28.00
LIT 0.50 158 ePg 35 23.72 0.0
eSg 35 32.72
FNA 0.69 289 ePg 35 27.20 -0.1
eSg 35 37.28
KNT 0.78 40 ePg 35 28.44 -0.2
eSg 35 39.60
S.D. = 0.3 on 4 of 4 obs.

? NOV 27, 1992 06h 37m 50.90±10.53s
18.200 N ±16.5km 67.500 W ±73.0km
DEPTH = 10.0km (geophysicist)
MONA PASSAGE (89)

MCP 0.43 59 i(P) 37 59.00 -0.7
MGP 0.44 116 iP 37 58.00 -1.0
APR 0.77 71 iP 38 06.70 0.7
PORP 0.83 100 iP 38 11.70 4.7X
SJG 1.29 94 iP 38 15.80 1.0
CPD 1.52 96 iP 38 19.20 1.1
LPR 1.55 86 iP 38 17.00 -1.7
S.D. = 1.5 on 6 of 7 obs.

* NOV 27, 1992 07h 19m 45.35±0.85s
1.355 S ±10.8km 98.641 E ±12.7km
DEPTH = 33.0km (normal)
4.6mb (5 obs.)
SOUTHERN SUMATRA, INDONESIA (274)

KGM 5.75 54 eP 21 12.00 1.3
IPM 6.36 22 ePd 21 17.80 -1.5
KMI 26.62 8 Pc 25 24.80 1.7
PKI 31.45 337 P 26 07.00 0.5
GUN 31.58 338 P 26 08.20 0.5
KKK 31.70 337 P 26 07.50 -1.1
LSA 31.70 348 eP 26 08.80 0.0
GKN 32.14 336 P 26 13.10 0.7
CD2 32.45 8 Pd 26 14.00 -0.9
XAN 36.51 14 P 26 48.60 -1.1
0.6s 10.00nm 4.9mb
WRA 39.49 120 P 27 14.60 -0.2
1.0s 3.00nm 4.0mb
WB2 39.50 120 iPd 27 14.20 -0.7
0.4s 6.00nm 4.7mb
i 27 21.20
GTA 40.58 1 eP 27 24.00 0.3
1.2s 8.00nm 4.3mb
ASPA 40.73 126 iPd 27 25.50 0.5
0.6s 7.50nm 4.6mb
STK 50.59 131 eP 28 48.20 5.0X
S.D. = 1.0 on 14 of 15 obs.

* NOV 27, 1992 07h 19m 51.58±1.72s
37.889 N ±13.4km 20.835 E ±12.4km
DEPTH = 10.0km (geophysicist)
IONIAN SEA (399)
MD 3.4 (ATH).

VLS 0.35 326 ePg 19 57.20 -1.5
AGG 1.63 46 ePb 20 21.90 1.5
eSb 20 43.66
IGT 1.69 347 ePb 20 23.22 2.0
eSb 20 45.10
KEK 1.99 336 ePn 20 27.50 1.8
VLI 2.04 124 ePn 20 26.00 -0.4
KZN 2.52 16 ePn 20 35.00 1.7

LIT 2.56 30 ePn 20 33.17 -0.6
eSn 21 06.30
FNA 2.92 8 ePn 20 38.17 -0.8
OHR 3.22 360 ePn 20 42.00 -0.6
GRG 3.29 21 ePn 20 43.58 -0.7
SOH 3.52 33 ePn 20 47.77 0.3
KNT 3.64 25 ePn 20 48.74 -0.4
VAY 3.68 21 ePn 20 39.00 -10.7X
SRS 3.87 33 ePn 20 51.66 -0.7
SKO 4.10 6 ePn 20 54.00 -1.7
iSn 21 45.70
Lg 22 30.50
S.D. = 1.4 on 14 of 15 obs.

* NOV 27, 1992 07h 46m 14.14±0.95s
57.763 N ±8.9km 7.232 E ±10.0km
DEPTH = 10.0km (geophysicist)
NORTH SEA (534)
MD 3.0 (BER).

MUD 1.68 140 iP 46 43.70 0.0
iS 47 04.00
KMY 1.79 325 eP 46 45.11 -0.1
eS 47 07.45
ODD1 2.18 352 eP 46 51.67 0.7
eS 47 20.09
EGD 2.72 338 eP 46 58.20 -0.4
eS 47 31.00
HYA 3.46 352 eP 47 08.67 -0.3
eSg 48 06.08
SUE 3.54 340 eP 47 10.50 0.3
eS 47 50.00
NRA0 3.71 35 Pn 47 12.63 -0.1
Pg 47 18.68
Sn 47 56.61
Sg 48 13.63
HFS 4.11 52 eP 47 18.20 0.0
0.2s 0.50nm
S.D. = 0.4 on 8 of 8 obs.

? NOV 27, 1992 08h 22m 28.74±1.44s
18.949 S ±12.3km 168.433 E ±29.3km
DEPTH = 124.2 ±9.8 km
4.9mb (7 obs.)

VANUATU ISLANDS (186)

PVC 1.21 355 iPc 22 53.30 -0.2
iS 23 13.70
BKM 1.29 352 iPd 22 54.80 0.4
iS 23 15.80
DZM 3.62 211 iPc 23 23.70 -0.5
iS 24 06.70
CNB 23.46 222 iPc 27 29.10 1.1
0.5s 37.00nm 5.1mb
BWA 23.54 225 iPd 27 27.80 -0.9
OLP 23.54 247 iPc 27 30.20 1.4
0.3s 9.00nm 4.7mb
CAN 23.70 223 iPd 27 30.80 0.5
i 37 04.70
CMS 23.90 234 iPc 27 33.20 1.0
0.7s 17.00nm 4.6mb
TOO 27.31 222 eP 28 03.30 -0.4
STK 27.37 237 iPd 28 08.50 4.3X
WRA 32.13 262 P 28 46.00 -0.5
0.8s 1.30nm 3.8mb X
ASPA 32.46 256 iPd 28 49.20 -0.2
0.3s 29.00nm 5.5mb
eS 33 10.60
WARB 39.13 252 eP 29 46.00 0.2
MBL 45.57 259 iPd 30 34.10 -0.4X
0.5s 13.00nm 4.9mb
MEEK 46.33 251 iPd 30 41.70 -2.4
0.3s 14.00nm 5.2mb
NANU 49.40 256 eP 31 08.30 0.4
0.5s 6.00nm 4.7mb
GEC2 143.88 331 ePKPc 41 46.10 -4.8X
0.9s 3.39nm
e 41 50.40
GRF 144.30 334 ePKPd 41 47.40 -4.1X
OHR 144.64 316 e(PKP) 41 49.00 -3.4X
BCAO 147.27 248 iPKPc 41 57.50 0.0
0.8s 18.00nm
S.D. = 1.1 on 15 of 20 obs.
? NOV 27, 1992 08h 36m 08.69±1.05s
55.086 N ±22.0km 161.972 E ±29.2km
DEPTH = 10.0km (geophysicist)

27d 88h

4.2mb (5 obs.)
NEAR EAST COAST OF KAMCHATKA (218)

MAT	24.66	231 eP	41 31.00	0.5
	0.8s	8.21nm		4.4mb
YKA	40.95	45 eP	43 52.80	0.3
	0.8s	1.70nm		3.8mb
NAO	62.19	344 P	48 31.00	-1.1
	0.9s	5.40nm		4.7mb
GEC2	73.07	339 ePd	47 41.30	0.9
	1.1s	2.41nm		4.2mb
WRA	78.36	206 P	48 09.90	-0.6
	0.6s	0.50nm		3.8mb
S.D. = 1.1 on 5 of 5 obs.				

% NOV 27, 1992 09h 27m 34.58± 1.02s
33.488 S ± 4.7km 70.507 W ± 7.4km
DEPTH = 22.4 ± 11.1 km

CHILE-ARGENTINA BORDER REGION (127)
MD 3.2 (SAN).

PCH	0.13	183 iP+	27 39.15	-0.2
		iS	27 41.42	
SAN	0.13	285 iPd	27 39.36	0.1
		iS	27 42.15	
FCH	0.24	49 iPd	27 40.69	-0.2
		iS	27 44.45	
PEL	0.37	336 iP	27 43.14	0.5
		iS	27 47.65	
TACH	0.40	245 iPd	27 43.02	0.1
		iS	27 48.87	
CACH	0.63	187 iP	27 47.44	0.5
		iS	27 56.62	
ROCH	0.67	320 iP	27 47.76	0.1
		iS	27 57.10	
JACH	0.81	355 eP	27 49.60	-0.3
		iS	28 00.37	
LNV	0.89	238 iP	27 50.65	-0.5
		iS	28 02.89	
LCCH	0.89	271 iP	27 51.10	-0.1
		iS	28 03.54	
S.D. = 0.4 on 10 of 10 obs.				

? NOV 27, 1992 09h 29m 12.82± 1.19s
39.047 N ± 18.4km 27.648 E ± 28.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

Izm	0.72	205 ePg	29 26.90	0.0
		eSg	29 38.90	
DST	0.94	53 iPn	29 30.50	-0.3
KCT	1.32	24 iPn	29 36.90	-0.3
YLV	2.02	41 ePn	29 48.00	0.7
S.D. = 0.8 on 4 of 4 obs.				

NOV 27, 1992 09h 31m 57.11± 0.86s
30.371 N ± 7.8km 21.806 E ± 8.3km
DEPTH = 10.0km (geophysicist)

GREECE (364)
ML 3.3 (ATH).

AGG	0.77	32 ePg	32 10.87	-1.3
		eSg	32 20.52	
VLS	0.98	259 ePg	32 13.30	-2.4
ATH	1.56	104 ePb	32 24.80	-0.1
IGT	1.63	316 ePb	32 28.03	2.1
		eSb	32 51.88	
LIT	1.81	17 ePb	32 27.96	-0.6
		eSb	32 52.68	
VLI	1.88	151 ePb	32 31.00	1.5
KZN	1.93	359 ePb	32 31.00	0.6
KEK	2.06	311 ePn	32 36.40	4.2X
PAIG	2.13	43 ePn	32 31.87	-1.3
		eSn	33 00.03	
THE	2.43	21 ePn	32 37.92	0.5
FNA	2.43	352 ePn	32 38.76	1.2
		eSn	33 10.12	
GRG	2.62	10 ePn	32 40.46	0.2
		iSn	33 13.36	
SOH	2.72	26 ePn	32 41.32	-0.4
		iSn	33 14.56	
OHR	2.85	344 iPn	32 46.20	2.8X
		iSn	33 27.00	
		Lg	33 34.80	
VAY	3.00	11 iPn	32 42.60	-3.0X
SKO	3.61	356 iPn	32 44.70	-9.5X

i 33 41.70
i 33 57.00
S.D. = 1.4 on 12 of 16 obs.

* NOV 27, 1992 10h 47m 31.63± 0.88s
30.127 N ± 20.9km 50.642 E ± 13.7km
DEPTH = 10.0km (geophysicist)
4.1mb (3 obs.)

NORTHERN IRAN (348)

SHI	1.71	106 eP	48 02.00	0.3
MLR	24.68	315 ePc	52 56.00	2.0
OHR	26.50	303 eP	53 11.80	0.8
GEC2	33.66	314 eP	54 13.60	-1.0
	0.7s	1.12nm		3.9mb
HFS	38.84	331 eP	54 57.00	-1.3
	0.4s	1.90nm		4.1mb
NAO	40.41	331 P	55 10.90	-0.3
	0.9s	3.90nm		4.1mb
KIC	57.03	257 (P)	57 20.60	0.2
LIC	57.35	257 (P)	57 21.80	-0.8
S.D. = 1.3 on 8 of 8 obs.				

? NOV 27, 1992 11h 23m 38.26± 0.93s
39.098 N ± 8.5km 27.601 E ± 9.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 2.9 (ISK).

Izm	0.75	201 ePg	23 52.90	0.0
		eSg	24 04.90	
DST	0.94	57 iPn	23 56.40	0.1
EZN	1.23	307 ePn	24 01.10	0.1
KCT	1.29	27 ePn	24 02.00	-0.2
YLV	2.00	42 ePn	24 09.00	-3.6X
S.D. = 0.2 on 4 of 5 obs.				

* NOV 27, 1992 11h 37m 49.49± 0.86s
38.405 N ± 8.1km 21.740 E ± 9.2km
DEPTH = 5.0km (geophysicist)

GREECE (364)
ML 3.3 (ATH).

AGG	0.77	37 ePg	38 03.39	-1.6
		iSg	38 14.56	
VLS	0.93	256 ePg	38 07.50	-0.3
IGT	1.57	316 ePb	38 22.44	4.3X
		eSb	38 48.44	
ATH	1.62	105 ePn	38 19.50	0.8
		eSb	38 39.00	
LIT	1.79	19 ePb	38 21.64	0.4
		eSb	38 46.39	
KZN	1.90	1 ePb	38 25.50	2.6X
VLI	1.93	150 ePb	38 23.00	-0.3
KEK	2.00	311 ePn	38 30.50	6.2X
SRN	2.00	318 ePn	38 39.20	14.9X
TPE	2.32	325 ePn	38 34.00	5.1X
GRG	2.60	11 ePn	38 34.52	1.6
		eSn	39 08.39	
VLO	2.70	321 ePn	38 47.50	13.2X
SOH	2.72	27 ePn	38 34.00	-0.6
		eSn	39 07.92	
OHR	2.80	345 eP	38 40.50	4.7X
VAY	2.98	12 ePn	38 31.50	-6.8X
TIR	3.27	334 ePn	38 52.00	9.5X
SKO	3.57	356 ePn	38 49.00	2.3X
S.D. = 1.3 on 7 of 17 obs.				

NOV 27, 1992 12h 06m 24.38± 0.72s
40.122 N ± 6.4km 142.408 E ± 8.8km
DEPTH = 55.4 ± 7.2 km
4.3mb (4 obs.)

NEAR EAST COAST OF HONSHU, JAPAN (228)

OFUJ	1.19	209 iPd	06 44.50	-0.5
		S	06 59.80	
AOMJ	1.62	286 P	06 51.70	0.8
HOOJ	2.35	16 eP	07 01.00	-0.3
		eS	07 29.50	
MRRJ	2.51	337 eP	07 03.50	0.0
		eS	07 33.80	
YAMJ	2.88	224 eP	07 06.80	0.9
KUSJ	3.44	29 eP	07 14.50	-2.2
		eS	07 51.40	
NIJ	3.92	224 P	07 24.40	0.9
ASAJ	4.00	2 eP	07 24.90	0.4
KAKJ	4.29	205 P	07 26.70	-1.9

MAT 4.87 224 iPc 07 37.90 1.0
0.6s 65.33nm
eS 08 49.00

CHJJ	4.88	215 P	07 36.50	-0.5
MTMJ	5.06	227 P	07 41.00	1.4
MDJ	10.49	300 eP	08 55.80	1.1
BJI	20.06	278 eP	10 53.50	-2.0
GYA	32.81	256 P	12 51.40	-1.5
KMI	36.29	258 eP	13 24.20	-0.4
IMA	43.65	32 eP	14 26.39	1.5
	0.8s	3.45nm		4.2mb
FBA	46.09	34 (P)	14 44.70	0.5
	1.0s	6.00nm		4.5mb
GUN	47.69	273 P	14 56.00	-1.7
KKN	48.21	274 P	15 01.72	0.1
	0.8s	33.00nm		5.4mb
PKI	48.22	273 P	15 03.48	1.6
DMN	48.43	274 P	15 03.60	0.2
GKN	48.59	274 P	15 03.16	-1.3
YKA	60.76	31 eP	16 43.70	11.4
	0.8s	0.70nm		
GBA	62.26	265 P	16 43.00	0.0
LRM	71.41	45 eP	17 41.40	0.6
		e	17 54.90	
NAO	71.93	337 P	17 42.60	-0.7
	0.8s	5.00nm		4.5mb
PV10	78.17	50 eP	18 21.00	1.4
GEC2	80.50	328 eP	18 32.20	0.5
	0.7s	1.03nm		3.8mb
		e	18 44.00	
S.D. = 1.2 on 28 of 29 obs.				

NOV 27, 1992 12h 17m 05.61± 0.20
15.912 N ± 2.4km 61.279 W ± 3.6km
DEPTH = 106.9 ± 1.9 km
4.9mb (19 obs.)

LEEWARD ISLANDS (92)
MD 4.9 (TRN). Felt (IV) on
Guadeloupe and (III) on
Martinique.

MGG	0.04	279 iPd	17 20.37	-1.1
SFG	0.35	13 iPd	17 21.27	-0.1
PAG	0.40	287 ePd	17 21.89	0.1
BTG	0.43	280 iPd	17 22.13	0.3
		S	17 33.47	
SEG	0.53	336 iPc	17 22.76	0.2
PCM	1.09	177 iPc	17 27.52	-0.3
CXM	1.10	174 iPc	17 27.84	-0.2
PML	1.13	175 iPc	17 27.96	-0.3
FDF	1.18	174 iPc	17 28.64	-0.2
		S	17 45.38	
CRM	1.20	163 iPc	17 28.56	-0.5
MGH	1.21	312 iPc	17 29.73	0.6
BPA	1.26	334 iPc	17 29.69	0.0
MVM	1.40	165 iPc	17 31.03	-0.4
BIM	1.40	172 iPc	17 31.48	0.0
NEV	1.74	315 eP	17 36.38	0.8
CPB	1.80	343 eP	17 35.90	-0.4
		eS	18 02.47	
SLW	1.91	170 eP	17 37.87	0.0
		S	18 18.00	
SVV	2.58	179 eP	17 46.90	0.3
		eS	18 17.05	
SVB	2.62	179 eP	17 47.36	0.1
FCV	2.74	179 eP	17 48.35	-0.4
GRW	3.75	186 eP	18 04.11	1.6
		eS	18 47.80	
PIG	4.74	175 eP	18 15.22	-0.8
CPD	4.92	296 iP	18 18.70	0.2
LPR	5.00	299 iP	18 20.60	1.0
SJG	5.15	296 iP	18 22.20	0.5
TCE	5.20	185 eP	18 23.04	0.6
		eS	19 22.55	
TRN	5.23	181 eP	18 23.40	0.5
		eS	19 21.21	
TBH	5.40	178 eP	18 25.35	0.2
		eS	19 23.50	
PORP	5.55	293 iP	18 27.00	-0.3
TPP	5.56	182 eP	18 27.94	0.5
		eS	19 29.65	
APR	5.79	297 iP	18 31.50	1.0
MGP	5.94	291 iP	18 32.00	-0.6
MCP	6.11	295 iP	18 32.10	-2.8
GUAN	7.29	216 iP	18 52.20	0.9
		iS	19 03.70	
OLLA	7.96	223 iP	19 00.90	0.6

[illegible]

27d	13h
BIP	6.14 336 ePd 52 28.00 0.5 eS 54 16.00 CGP 7.10 325 eP 52 45.00 4.0X eS 53 58.00 PLP 9.31 336 ePd 53 11.70 -0.2 PCI 9.57 249 ePc 53 17.00 1.7 e 58 23.50 TSM 11.00 279 ePc 53 36.80 1.8 MKS 12.09 230 iPd 53 50.00 0.2 KKM 12.97 286 ePd 54 07.00 5.3X 0.5s 25.80nm 5.6mb PGP 13.31 325 ePc 54 17.50 11.4X eS 54 28.00 QCP 14.17 328 eP 54 09.00 -8.5X BAG 15.92 330 ePc 54 46.30 5.8X 1.0s 56.00nm 4.7mb WWKK 16.09 112 eP 54 31.00 -11.4X KNA 18.21 180 eP 55 08.00 -1.1 0.6s 177.00nm 5.4mb PJG 19.32 55 eP 55 31.00 8.4X GUA 19.33 55 eP 55 30.70 8.0X 0.7s 164.38nm 5.4mb LAT 20.40 117 eP 55 35.20 1.0 PMG 21.86 123 eP 55 50.00 0.9 1.1s 818.18nm 5.9mb WB2 23.05 166 iPd 55 59.90 -0.9 0.5s 47.70nm 5.3mb HKC 24.18 325 iP 56 15.50 3.8X QZH 24.30 337 Pc 56 13.80 1.0 1.8s 480.00nm 5.8mb Z 22s 6.98um 5.1MsZ RAB 24.34 106 e(P) 56 16.00 2.6X iS 00 36.00 MCO 24.40 324 eP 56 13.60 -0.3 QIZ 24.69 313 Pc 56 18.00 1.3 MBL 25.16 200 eP 56 15.30 -5.9X GZH 25.27 325 Pc 56 24.60 2.4 1.0s 180.00nm 5.7mb N 16s 2.25um E 18s 4.58um QIS 25.34 156 eP 56 23.00 0.1 0.2s 34.00nm 5.6mb e 56 31.00 28km eS 00 55.00 KGM 25.42 269 ePd 56 26.00 2.3X e 56 57.40 153kmX ASPA 26.57 169 iPc 56 33.10 -1.2 1.3s 39.20nm 4.9mb eS 01 10.60 eScS 07 28.00 IPM 27.75 275 ePd 56 51.00 5.9X 1.5s 100.50nm 5.3mb e 58 04.90 NANU 28.13 207 iPd 56 46.60 -1.9 CTA 28.33 143 eP 56 50.00 -0.3 iS 01 48.00 SNG 28.40 280 eP 56 51.00 0.8 1.5s 305.56nm 5.8mb eS 02 29.50 WAR8 28.67 184 eP 56 52.00 -1.3 SSE 29.25 347 Pc 56 57.50 -0.9 Z 20s 3.70um 5.0MsZ N 14s 1.70um E 12s 1.30um KUMJ 29.86 4 eP 57 10.00 LOE 30.35 301 eP 57 01.60 -2.3 NNT 30.40 291 eP 57 09.00 0.5 MEEK 30.66 198 eP 57 12.80 3.9X NJ2 30.76 343 Pc 57 06.00 -5.1X 30.76 343 Pc 57 12.80 0.9 1.2s 31.00nm 5.0mb N 20s 2.68um E 10s 0.95um WHN 30.97 335 eP 57 15.00 1.2 1.0s 18.00nm 4.9mb Z 20s 5.63um 5.2MsZ GYA 31.83 320 iPd 57 23.40 1.9 1.0s 14.00nm 4.8mb Z 20s 6.88um 5.3MsZ N 16s 4.76um E 16s 3.67um pP 57 29.40 21km KHT 32.13 294 eP 57 24.00 0.7 QLP 32.62 154 eP 57 28.20 -0.1 0.7s 65.00nm 5.7mb BDT 32.65 298 eP 57 28.20 -0.4 0.9s 60.50nm 5.5mb CHG 33.34 301 iPc 57 35.00 0.3 1.3s 177.88nm 5.0mb eS 03 04.80 KMI 33.62 314 Pc 57 38.00 0.7 1.9s 90.00nm 5.4mb Z 20s 4.50um 5.2MsZ N 12s 1.60um E 10s 1.70um pP 57 46.00 27km S 03 00.00 MRWA 33.90 200 eP 57 36.50 -2.9X 0.6s 27.00nm 5.4mb COOL 34.06 192 eP 57 45.00 4.2X 0.6s 19.00nm 5.2mb CHJJ 34.62 15 eP 57 42.30 -3.2X RMQ 34.77 147 eP 57 47.50 0.6 1.2s 47.00nm 5.3mb e 57 51.70 14km MTMJ 34.85 13 eP 57 45.70 -1.9 MAT 34.90 13 eP 57 47.00 -0.9 0.9s 17.65nm 5.0mb Z 20s 4.61um 5.2MsZ eS 03 14.00 BAL 34.95 198 eP 57 45.00 -3.4X 0.7s 61.00nm 5.6mb KAKJ 35.08 16 eP 57 50.70 1.3 TIA 35.15 344 eP 57 50.00 0.0 Z 22s 3.25um 5.0MsZ E 10s 1.78um S 03 17.00 KLB 35.56 196 iPc 57 50.70 -2.8X 0.6s 35.00nm 5.5mb XAN 36.36 332 P 58 00.80 0.4 1.4s 76.00nm 5.4mb Z 22s 3.44um 5.1MsZ N 13s 1.19um S 03 40.00 MUN 36.38 198 eP 57 57.00 -3.5X 0.6s 49.00nm 5.6mb Z 20s 2.90um 5.1MsZ N 20s 1.50um E 20s 2.90um STK 36.38 161 iPd 58 03.60 3.1X eS 03 45.90 DL2 36.73 351 eP 58 08.00 4.7X 1.0s 44.00nm 5.3mb Z 20s 2.71um 5.0MsZ CD2 36.77 323 eP 58 03.60 -0.2 Z 20s 5.81um 5.4MsZ N 15s 2.77um PP 59 29.60 YAMJ 36.90 15 P 58 06.20 1.4 CMS 37.57 156 eP 58 10.70 0.2 1.0s 27.00nm 5.0mb BRs 37.73 144 eP 58 16.00 4.0X iS 04 02.00 TIY 38.04 339 Pc 58 15.30 0.9 1.0s 52.00nm 5.3mb Z 20s 3.37um 5.1MsZ E 24s 5.63um S 04 09.00 OFUJ 38.19 16 eP 58 17.10 1.5 ADE 38.50 167 eP 58 18.70 0.4 RKG 38.57 196 eP 58 18.00 -0.9 BJI 38.99 345 eP 58 23.00 0.7 1.5s 170.00nm 5.5mb Z 20s 1.80um 4.9MsZ E 14s 1.34um ePP 59 52.00 eS 04 14.00 eScS 08 32.00 AOMJ 39.24 14 eP 58 36.90 12.5X SNY 39.35 354 Pc 58 25.00 -0.2 Z 22s 4.63um 5.3MsZ E 12s 1.09um PP 00 00.00 ARMA 39.42 148 eP 58 26.80 0.7 0.7s 79.00nm 5.5mb LZH 40.52 328 Pc 58 36.80 1.6 1.5s 510.00nm 6.0mb
HHC	41.14 340 pP 58 49.00 0.8 1.0s 37.00nm 5.1mb Z 24s 2.70um 5.0MsZ N 17s 1.51um eP 58 55.50 PP 00 18.00 ePP 00 25.00 S 04 55.00 ScS 08 39.00 CN2 41.15 356 eP 58 40.00 0.0 1.2s 16.00nm 4.6mb Z 20s 2.78um 5.1MsZ N 20s 3.70um E 20s 2.24um epP 58 48.00 27km eS 04 52.00 MRRJ 41.17 14 eP 58 49.20 9.0X BWA 41.19 155 iPd 58 42.60 2.0 i 58 49.50 23km BTO 41.46 338 eP 58 43.00 0.2 N 12s 0.69um E 12s 1.12um PP 00 25.00 eS 04 55.00 eSS 07 57.00 BFD 41.58 163 iPd 5

MOY	54.17	339	eS	07 57.00		ASH	73.01	309	eP	02 25.00	-1.0	SDF	92.37	338	iP	04 09.30	3.7
	1.8s		ePc	00 21.00	-0.6		1.5s	370.00nm	e	02 43.00	6.2mb	MBC	92.62	13	eP	04 14.00	7.4
WMQ	54.82	324	P	00 27.00	0.3				e	05 14.00	66kmX		1.2s	8.00nm			5.0mb
	1.3s		46.00nm						e	11 51.00		KAF	93.54	333	iP	04 16.10	5.0
Z	20s		9.09um						e	12 34.00			0.7s	13.20nm			5.5mb
N	17s		5.07um			HON	73.46	69	P	02 30.00	1.1	NUR	94.68	331	eP	04 20.80	4.5
E	16s		2.67um			Z	20s	1.46um				VR1	96.52	317	ePd	04 26.00	0.9
			pP	00 30.00	10kmX	KAT	74.83	310	iP+	02 36.00	-0.6	MLR	97.12	316	ePd	04 34.50	6.5
			PcP	01 30.50					i	02 42.00	19km	UPP	98.23	332	iP	04 30.40	-2.0
			PP	02 26.00					e	02 51.00		DAG	98.66	353	eP	04 37.00	2.9
			S	08 07.50					iS	12 14.00			0.8s	10.45nm			5.4mb
			ScS	10 11.50					e	12 35.00		UZH	98.87	320	eP	04 35.00	-0.6
			SS	11 52.50					iPS	12 55.00				i	04 41.00	19km	
NDI	55.44	303	eP	00 30.50	-0.8	SVE	75.99	328	iPc	02 42.00	-0.8	YKA	99.69	25	eP	04 49.50	10.4
			eS	08 25.00			2.0s	140.00nm					0.9s	3.80nm			
POO	56.01	291	iPc	00 30.40	-5.2X		Z	19s	0.60um			HFS	99.96	333	eP	04 38.60	-1.8
			iS	08 32.00			N	19s	0.70um				1.2s	20.40nm			5.5mb
BOD	56.30	351	iPc	00 36.20	-0.8		E	19s	0.50um			OJC	100.03	322	ePd	04 40.50	-0.4
	1.7s		81.00nm						eS	12 20.00				e	04 47.00		
UER	56.79	335	iPc	00 38.00	-1.8	ARU	76.95	328	eP	02 46.00	-2.2	VAY	100.39	313	ePd	04 35.70	-7.0
	1.0s		120.00nm						e	02 54.00	26km			i	04 47.50		
			iS	08 34.50					e	02 59.50		BUL	100.41	250	iPd	04 57.90	14.5
BOM	57.04	291	eP	00 40.00	-2.9X				eS	12 37.00		NAO	100.97	334	Pd	04 43.00	-1.8
			eS	08 32.20					e	12 47.00			1.0s	6.20nm			5.1mb
MGD	59.82	13	eP	01 01.00	-0.7				ePS	13 06.00		SKO	101.06	313	ePd	04 44.50	-1.2
			e	01 08.50	25km				e	13 34.00				i	04 50.70		
			e	01 54.00		SDN	77.00	34	eP	02 48.70	0.2	OHR	101.74	313	ePd	04 53.50	4.7
			eS	09 12.00			0.9s	127.73nm				KSP	101.97	323	ePd	04 55.80	6.3
PRZ	59.89	319	iP	01 03.00	0.3		Z	20s	1.59um					e	09 02.80		
	1.4s		170.00nm			SHE	80.83	311	iPd	03 10.50	0.9			e	09 17.60		
			eS	09 26.00			1.0s	120.00nm				WDC	102.42	48	Pd	05 00.00	8.3
KSH	60.25	315	iPd	01 06.80	1.7				i	06 17.00			Z	19s	1.25um		5.5Msz
	1.2s		70.00nm						iS	13 18.00		CLL	103.75	324	ePd	04 55.00	-2.3
Z	20s		2.49um			TTA	81.01	27	(P)	03 11.69	1.4			2.1s	31.00nm		5.7mb
N	20s		2.47um				1.2s	27.38nm					Z	20s	0.50um		5.0Msz
E	20s		2.50um			BGL	82.39	29	(P)	03 18.22	0.8	GEC2	104.23	322	ePd	04 59.40	-0.3
			sP	01 20.80		IMA	82.61	24	eP	03 18.95	0.3		1.2s	1.88nm			4.8mb
			PcP	01 49.00			0.8s	33.66nm				CMB	104.68	50	Pd	05 10.00	8.1
			PP	03 21.00		CRZF	82.86	223	eP	03 30.00	10.0X		Z	21s	0.71um		5.2Msz
			S	09 18.00					eS	14 02.00		GRF	105.42	323	ePd	05 18.50	13.6
			ScS	10 50.00					eSS	18 39.00			Z	22s	1.00um		5.3Msz
UKR	60.71	330	iPc	01 07.10	-0.7				eSSS	22 45.00				ePP	09 41.00		
			iS	09 21.70		GRO	83.19	313	iPd	03 22.00	0.1	ISA	106.79	52	PKP	09 30.00	8.2
TLG	60.92	319	eP	01 10.00	0.5		1.5s	240.00nm					Z	18s	1.00um		5.4Msz
	1.3s		127.00nm						e	06 30.00	6.1mb	BCAO	109.93	276	ePd	05 30.50	4.7
Z	21s		0.70um						ePPP	08 30.00			0.5s	3.00nm			
E	20s		1.10um						iS	13 45.00				ic	08 38.20		
			e	03 27.00	752kmX	MAW	83.39	201	P	03 29.10	6.7X			id	10 04.90		
			eS	09 31.00		MTA	83.78	311	eP	03 22.00	-2.8X	PV09	112.89	46	(PKP)	09 38.99	5.4
			eSS	13 19.00					e	03 29.00	22km	RSSD	113.83	39	ePKP	09 34.76	-0.4
			eSSS	15 52.00					e	13 45.00			Z	21s	0.57um		5.1Msz
ELT	61.42	332	iPc	01 11.00	-1.6				eS	13 49.00		TUC	113.89	53	PKP	09 50.00	14.5
	1.6s		184.00nm						iPS	15 03.00			Z	19s	1.01um		5.4Msz
			e	01 58.00	203kmX	PMR	83.98	28	eP	03 25.69	0.2	GOL	115.04	44	PKP	09 50.00	12.3
			eS	09 29.00			0.9s	90.46nm					Z	21s	1.37um		5.5Msz
SMY	62.45	29	P	01 30.00	10.5X		20s	0.92um				ALQ	116.28	49	ePKP	09 40.96	0.9
	Z	20s	3.13um			PYA	85.12	314	iPd	03 31.30	-0.3		Z	19s	0.09um		4.4Msz
FRU	62.56	318	eP	01 20.00	-0.6		1.3s	300.00nm				WMOK	122.01	46	ePKP	09 50.75	0.0
	2.4s		150.00nm						i	15 18.00			Z	21s	1.10um		5.5Msz
			eS	10 00.00		ARO	85.48	281	eP+	03 34.50	0.5	MIAR	125.76	43	ePKP	09 59.34	1.3
QUE	64.47	302	eP	01 33.50	0.0	BALM	87.22	29	eP	03 43.08	1.3		Z	20s	0.87um		5.4Msz
			eS	10 25.80		MDS	88.52	326	eP	03 48.00	0.1	FVM	125.77	38	(PKP)	10 01.45	3.5
TIK	68.95	0	iPd	02 00.00	-0.9		1.5s	170.00nm					Z	20s	1.12um		5.5Msz
	2.4s		300.00nm				Z	21s	2.50um			CBM	128.50	15	PKP	10 20.00	17.2
			i	02 23.00	89kmX				e	14 19.00			Z	22s	1.17um		5.5Msz
			eS	11 00.00		OBN	89.14	325	iPc	03 49.70	-1.1	RSNY	128.67	21	PKP	10 20.00	16.8
			e	12 00.00			1.5s	84.00nm					Z	21s	0.31um		5.0Msz
BRVK	69.45	327	iPc	02 03.20	-1.2		Z	20s	1.70um			MCWV	130.44	29	PKP	10 20.00	13.2
	1.4s		225.00nm				N	24s	0.60um				Z	19s	0.79um		5.4Msz
	Z	20s	1.20um				E	20s	1.70um			HRV	131.50	20	PKP	10 20.00	11.3
	N	20s	0.67um						i	03 56.80	22km		Z	21s	0.67um		5.3Msz
E	20s		1.17um						e	04 02.00		KIC	132.73	281	PKP	10 18.00	6.2
			eS	11 07.00					eS	14 36.00				PP	12 48.00		
CSY	69.95	188	iPd	02 13.80	6.7X				iPS	15 44.00		TIC	132.95	281	PKP	10 18.00	5.7
	0.8s		12.00nm			APA	89.71	338	eP	04 00.00	6.7X			PP	12 49.00		
MAIO	71.81	307	iPc	02 18.80	-0.3	SIT	91.08	33	P	04 10.00	10.2X	LIC	133.03	281	PKP	10 18.40	6.0
	1.0s		30.00nm				Z	20s	1.23um					PP	12 49.00		
			eS	11 52.00					i	04 01.00	0.3	CEH	133.72	32	PKP	10 30.00	16.9
NRI	71.94	346	iPc	02 16.70	-2.4	HRI	91.12	303	eP	04 00.00	-0.8		Z	22s	1.04um		5.5Msz
	1.7s		70.00nm			BHL	91.15	304	P	04 00.00		PEL	144.56	151	ePKP	10 34.00	1.1
Z	20s		5.50um						SKS	14 30.00			1.0s	30.			

27d 14h

CNCB 158.31 132 PKP 11 02.70 8.6X
 e 21 02.00
 LPB 158.39 131 PKP 11 05.00 11.0X
 e 21 10.00
 ZOBO 158.51 130 ePKP 10 59.00 4.6X
 Z 22s 0.53um 5.3msz
 SKS 21 11.00
 LR 05 50.00
 SIV 163.53 145 ePKP 11 09.00 10.2X
 S.D. = 1.1 on 124 of 204 obs.

& NOV 27, 1992 14h 00m 42.95s
 63.104 N 149.788 W
 DEPTH = 92.5km
 CENTRAL ALASKA (1)
 <AEC>

HUR 0.14 151 iPc 00 56.25 1.7
 eS 01 06.63
 TRF 0.42 327 iPc 00 57.88 0.1
 eS 01 09.40
 RND 0.52 54 iPc 00 58.32 -0.1
 eS 01 09.63
 KTH 0.68 312 eP 00 59.58 -0.3
 eS 01 11.86
 MCK 0.74 31 iPd 01 00.06 -0.3
 eS 01 13.04
 SKT 1.39 216 iPd 01 07.12 -0.7
 eS 01 26.03
 GHO 1.40 163 iPd 01 08.03 0.0
 eS 01 27.86
 PWA 1.46 182 iPc 01 08.90 0.2
 SML 1.47 152 iPc 01 08.42 -0.4
 eS 01 28.07
 NEA 1.51 12 iPd 01 08.26 -1.1
 PLRM 1.55 168 iPd 01 09.22 -0.6
 PMR 1.55 168 eP 01 08.84 -1.0
 eS 01 28.17
 WRH 1.57 28 iPd 01 08.97 -1.1
 SUA 1.71 196 ePd 01 11.61 -0.4
 SCM 1.71 137 ePc 01 11.35 -0.7
 CCB 1.78 29 iPd 01 11.53 -1.3
 KNK 1.81 159 iPc 01 12.75 -0.5
 HDA 1.82 43 iPd 01 12.23 -1.1
 THY 1.85 78 eP 01 14.50 0.7
 eS 01 39.91
 PMS 1.87 177 eP 01 13.90 -0.2
 TOA 1.95 119 iPc 01 15.80 0.6
 PAX 1.97 92 ePc 01 15.16 -0.3
 eS 01 39.60
 MLY 1.98 348 eP 01 14.47 -1.1
 MDM 1.98 20 iPd 01 14.53 -1.1
 FBA 2.01 25 iPd 01 14.25 -1.6
 SDG 2.03 105 ePc 01 15.81 -0.4
 CGLM 2.08 211 ePd 01 16.01 -0.9
 CRP 2.15 212 eP 01 16.26 -1.7
 GLM 2.17 28 iPd 01 16.73 -1.3
 CP2 2.18 213 eP 01 17.10 -1.2
 CKN 2.20 212 eP 01 17.68 -0.8
 SPU 2.20 210 iPd 01 17.25 -1.3
 BGL 2.21 215 eP 01 17.62 -1.1
 CKT 2.22 212 eP 01 17.58 -1.2
 CKL 2.26 213 eP 01 18.08 -1.3
 PTE 2.28 171 eP 01 18.40 -1.0
 TZL 2.28 116 eP 01 19.27 -0.3
 KLU 2.42 130 ePc 01 20.07 -1.5
 NKA 2.47 197 eP 01 24.27 2.3
 VLZ 2.56 139 ePc 01 21.19 -2.1
 GLI 2.57 149 eP 01 21.65 -1.8
 SLKM 2.61 185 eP 01 23.71 -0.4
 MPA 2.63 175 eP 01 22.38 -1.9
 DOT 2.64 75 eP 01 23.13 -1.3
 RDT 2.83 207 eP 01 27.28 0.3
 FID 2.83 145 eP 01 25.16 -1.9
 TTA 2.84 269 iPd 01 25.55 -1.7
 DFR 2.87 210 eP 01 27.52 -0.1
 KNIM 2.93 160 eP 01 26.23 -2.2
 NCT 2.95 212 eP 01 28.26 -0.6
 RDW 3.00 210 eP 01 28.41 -1.1
 RS2 3.00 209 eP 01 29.13 -0.4
 RSO 3.00 209 eP 01 29.61 0.0
 RS1 3.01 209 eP 01 29.14 -0.5
 SEW 3.02 177 ePd 01 28.23 -1.3
 PRP 3.05 36 ePd 01 28.48 -1.7
 HIN 3.13 149 iPc 01 29.13 -2.1
 CVA 3.20 141 eP 01 30.44 -1.6
 LTI 3.21 162 eP 01 30.36 -1.9

GLB 3.25 118 iPc 01 31.49 -1.4
 eS 02 08.85
 ILIM 3.39 208 eP 01 34.05 -0.7
 BRKL 3.39 189 eP 01 33.59 -1.2
 SVW 3.40 236 eP 01 32.83 -2.0
 SGAM 3.40 138 eP 01 32.63 -2.2
 IMA 3.42 332 eP 01 33.26 -1.9
 INE 3.43 209 eP 01 34.62 -0.8
 INW 3.44 209 eP 01 35.77 0.3
 HOM 3.57 195 eP 01 36.08 -1.1
 RAGM 3.65 136 eP 01 36.90 -1.5
 CNPM 3.66 192 iPd 01 37.16 -1.3
 eS 02 19.87
 HMT 3.82 134 eP 01 38.95 -1.8
 OPT 3.84 207 eP 01 40.47 -0.4
 FYU 3.98 27 ePd 01 41.11 -1.7
 BALM 4.07 117 ePc 01 41.89 -2.3
 KAIM 4.10 139 eP 01 43.22 -1.2
 WAX 4.24 126 ePc 01 44.03 -2.4
 SNH 4.43 128 eP 01 47.01 -2.0
 MCNL 4.51 211 eP 01 48.73 -1.4
 CTGM 4.52 115 iPc 01 49.17 -1.3
 CDD 4.59 206 eP 01 49.25 -2.0
 SYI 4.69 197 eP 01 50.97 -1.6
 YAH 4.71 122 ePd 01 50.66 -2.5

82 obs. associated
 ? NOV 27, 1992 14h 04m 45.52 ± 0.88s
 2.567 N ± 11.6km 128.912 E ± 17.5km
 DEPTH = 33.0km (normal)
 4.4mb (5 obs.)

HALMAHERA, INDONESIA (267)
 MNI 4.22 255 ePd 05 50.50 1.3
 eS 06 01.00
 CGP 7.20 325 eP 06 52.50 21.3X
 WB2 23.00 167 iPc 09 49.50 0.9
 0.7s 7.80nm 4.3mb
 OIS 25.26 156 eP 10 12.00 1.6
 0.2s 4.00nm 4.7mb
 ASPA 26.52 170 eP 10 22.60 0.4
 1.0s 7.60nm 4.3mb
 MRWA 33.94 200 eP 11 26.00 -2.0
 0.3s 1.00nm 4.2mb
 STK 36.31 162 eP 11 52.90 4.7X
 MUN 36.41 198 eP 11 47.00 -2.0
 BJI 39.05 344 eP 12 11.00 0.0
 LZH 40.62 328 eP 12 25.50 1.3
 1.5s 46.00nm 5.0mb
 GUN 48.17 306 P 13 25.26 -0.1
 PKI 48.41 305 P 13 26.88 -0.3
 KKN 48.61 305 P 13 28.12 -0.4
 DMN 48.68 305 P 13 29.62 0.5
 GKN 49.21 305 P 13 32.02 -1.1
 HYB 51.56 290 eP 13 50.50 -0.5
 GBA 52.02 285 P 13 57.00 2.5
 MAIO 71.94 307 eP 16 06.00 -2.1
 SLR 100.69 244 ePd 18 48.00 15.4X
 S.D. = 1.5 on 16 of 19 obs.

? NOV 27, 1992 14h 30m 59.21 ± 1.01s
 60.570 N ± 6.3km 5.113 E ± 15.7km
 DEPTH = 10.0km (geophysicist)
 SOUTHERN NORWAY (535)
 MD 1.7 (BER).

ASK 0.10 155 eP 31 02.13 0.3
 eS 31 04.35
 EGD 0.31 169 eP 31 05.33 -0.2
 eS 31 08.63
 SUE 0.52 341 eP 31 09.71 0.0
 eS 31 17.85
 HYA 0.80 41 eP 31 14.57 -0.1
 eS 31 27.17
 S.D. = 0.4 on 4 of 4 obs.

? NOV 27, 1992 15h 22m 46.54 ± 0.83s
 45.668 N ± 19.8km 26.474 E ± 27.6km
 DEPTH = 130.0km (geophysicist)
 ROMANIA (358)

VRI 0.27 41 iPc 23 04.50 0.4
 MLR 0.41 245 iPc 23 05.50 -0.1
 BRD 0.43 110 eP 23 05.50 0.0
 ISR 0.53 175 iPd 23 06.00 -0.1
 CLI 1.05 32 iPc 23 10.00 -0.2
 S.D. = 0.3 on 5 of 5 obs.

NOV 27, 1992 15h 36m 28.01 ± 1.75s
 37.892 N ± 12.9km 20.715 E ± 13.0km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)

MD 3.6 (ATH).
 VLS 0.30 341 ePg 36 32.50 -1.8
 IGT 1.67 350 ePb 36 58.44 1.1
 eSb 37 25.08
 AGG 1.70 48 ePb 36 57.32 -0.5
 eSb 37 26.12
 KEK 1.95 339 ePn 37 01.00 -0.5
 VLI 2.12 123 ePn 37 04.00 0.0
 KZN 2.55 18 ePn 37 14.00 3.9X
 LIT 2.60 32 ePn 37 11.20 0.3
 eS 37 46.12
 FNA 2.93 10 ePn 37 17.03 1.5
 OHR 3.22 1 ePn 37 20.50 0.9
 OUR 3.52 45 ePn 37 22.76 -1.1
 SOH 3.57 34 ePn 37 23.51 -1.1
 KNT 3.68 27 ePn 37 27.32 1.2
 VAY 3.71 22 iPn 37 23.00 -3.6X
 SRS 3.92 34 ePn 37 29.55 0.1
 S.D. = 1.2 on 12 of 14 obs.

? NOV 27, 1992 15h 43m 12.94 ± 1.84s
 21.778 S ± 19.4km 178.738 W ± 32.6km
 DEPTH = 606.2 ± 18.0 km
 4.7mb (7 obs.)
 FIJI ISLANDS REGION (181)

SVA 4.50 324 iPc 44 43.00 0.2
 DZM 13.76 266 iPc 46 08.10 -0.8
 WLZ 16.77 196 eP 46 40.30 2.6X
 URZ 16.81 191 eP 46 36.80 -1.3
 NOZ 17.01 189 eP 46 41.80 1.8
 MNG 19.41 193 eP 47 01.10 -1.3
 ORZ 20.38 199 eP 47 12.40 1.2
 THZ 21.13 198 eP 47 18.20 0.1
 DSZ 21.44 200 eP 47 21.60 0.7
 KHZ 21.57 196 eP 47 21.60 -0.4
 LTZ 22.25 198 eP 47 27.20 -1.0
 ARMA 27.90 246 iPd 48 18.90 0.7
 0.6s 13.00nm 4.7mb
 RMQ 29.99 255 iPd 48 36.40 0.5
 0.7s 15.00nm 4.7mb
 CMS 32.99 245 eP 49 01.70 0.6
 QLP 34.04 254 iPd 49 10.30 0.5
 0.4s 17.00nm 5.0mb
 STK 36.63 246 iPd 49 36.00 4.9X
 ASPA 43.57 258 iPd 50 26.40 -0.3
 0.6s 14.00nm 4.7mb
 WB2 43.74 264 iPd 50 27.50 -0.6
 0.2s 19.70nm 5.3mb
 WRA 43.75 264 P 50 27.80 -0.3
 0.9s 3.36nm 3.9mb
 WARB 49.80 254 eP 51 13.00 -0.7
 KNA 49.88 267 iPd 51 14.20 -0.2
 NANU 60.41 256 iPd 52 28.10 0.8
 0.4s 7.00nm 4.3mb
 S.D. = 0.9 on 20 of 22 obs.

NOV 27, 1992 15h 55m 17.37 ± 0.84s
 31.218 S ± 10.1km 68.337 W ± 7.6km
 DEPTH = 110.9 ± 11.5 km
 SAN JUAN PROVINCE, ARGENTINA (137)
 MD 4.1 (SAN).

RTLL 0.16 225 iPc 55 33.00 -0.3
 S 55 45.00
 CFA 0.40 168 iPc 55 34.00 0.0
 S 55 45.00
 ZON 0.44 222 iPd 55 33.30 -0.9
 eS 55 44.30
 MDZ 1.72 195 iP 55 48.40 1.0
 iS 56 06.50
 RTPR 1.82 60 iPc 55 49.50 1.0
 eS 56 10.70
 JACH 2.41 232 eP 55 57.42 1.1
 MRA 2.53 119 iPc 55 58.00 0.2
 FCH 2.68 218 iPd 56 01.23 1.1
 iS 56 35.39
 PEL 2.77 225 iP+ 56 01.94 0.9
 iS 56 34.02
 ROCH 2.87 232 eP 56 02.60 0.1
 iS 56 37.30

NOV 27, 1992 16h 09m 09.11 \pm 0.12s
41.978 N \pm 2.7km 89.283 E \pm 2.1km
DEPTH = 14.3km (16 depth phases)
5.3mb (82 obs.) 4.8MsZ (6 obs.)
SOUTHERN XINJIANG, CHINA (321)

CHG	24.51	157	iPc	14	30.70	1.6
	1.2s		46.88nm			5.0mb
DL2	24.73	86	eP	14	32.50	1.5
	1.0s		130.00nm			5.5mb
SNY	25.43	79	eP	14	36.60	-1.0
	0.8s		140.00nm			5.7mb
Z	10s		2.18um			5.0Mszx
E	10s		1.11um			
NJ2	25.50	103	Pc	14	39.40	1.0
	1.0s		40.00nm			5.0mb
BDT	26.02	158	eP	14	44.20	0.9
	0.8s		51.90nm			5.3mb
HYB	26.15	204	iPd	14	44.60	0.0
	1.0s		60.00nm			5.2mb
CN2	26.43	74	Pc	14	47.20	0.3
	0.8s		25.00nm			4.9mb
Z	10s		1.61um			4.9Mszx
N	10s		0.40um			
E	10s		1.06um			
			eP	14	51.80	16km
			eS	19	18.00	
LOE	26.71	153	eP	14	50.00	0.3
POO	26.82	214	P	14	49.50	-1.2
NRI	27.49	359	iPc	14	55.30	-1.1
	1.2s		61.00nm			5.2mb
Z	16s		3.20um			5.0Mszx
			e	15	04.00	31kmx
			e	15	45.00	
			(PPP)	15	57.00	
SSE	27.69	103	P	14	59.00	0.5
	1.1s		25.00nm			4.9mb
Z	20s		0.90um			4.3Msx
MDJ	29.25	71	eP	15	12.50	0.0
GBA	30.00	203	P	15	20.00	-0.2
TIK	35.50	20	iPc	16	06.00	-0.7
	0.9s		81.00nm			5.6mb
			i	16	12.00	20km
			e	17	22.00	
MOS	35.79	311	eP	16	09.00	-0.4
	1.4s		60.00nm			5.3mb
OBN	36.38	310	iPc	16	14.00	-0.3
	1.2s		53.00nm			5.3mb
			e	16	19.00	17km
YSS	37.83	64	(P)	16	28.20	1.7
Z	13s		1.50um			5.0Mszx
E	13s		1.00um			
APA	39.14	330	eP	16	25.70	-11.6X
KAS	40.84	288	iPc	16	53.70	1.9
MGD	40.99	42	eP	16	51.00	-1.6
KAF	41.64	321	iP	16	58.20	0.3
	0.8s		22.20nm			4.9mb
MNK	41.74	308	eP	16	57.00	-1.8
SDF	41.77	329	iP	16	59.70	0.8
KEV	41.80	332	iP	17	00.10	0.9
	0.9s		33.80nm			5.1mb
KIS	42.45	298	iPd-	17	05.00	0.2
NUR	42.51	319	eP	17	05.00	-0.1
HRI	42.69	276	eP	17	08.80	1.7
KTK1	43.06	331	eP	17	10.20	0.8
ZNT	43.70	275	eP	17	17.30	2.1
VRI	44.21	297	ePc	17	20.00	0.9
BCK	44.61	285	eP	17	20.60	-2.0
MLR	44.85	297	eP	17	24.00	-0.5
MBH	45.05	273	eP	17	27.60	1.4
UPP	46.08	318	iP	17	34.00	0.2
UZH	46.21	302	eP	17	31.00	-4.0X
	1.0s		15.00nm			4.9mb
LOF	46.64	330	eP	17	37.95	-0.2
OJC	47.27	305	eP	17	43.50	0.1
			i	17	49.00	18km
HFS	47.95	319	eP	17	48.00	-0.6
	0.7s		17.20nm			5.2mb
Z	17s		702.00um			7.7Mszx
			LR	38	11.00	
VAY	48.67	293	iP	17	55.30	0.9
SRO	49.00	302	eP	17	58.20	1.4
NAO	49.1					

		e	18 13.00	12km	MBC	Z	19 s	0.55um	4.7Msz	GBL	88.18	19 P	22 01.04	0.5
		e	19 12.00				60.64	8 ePc	19 20.50 -0.7	ET3	88.33	19 P	22 01.78	0.5
BRG	50.57	307 iP	18 09.40	0.5			0.9 s	30.00nm	5.4mb	GL2	88.43	20 P	22 02.68	0.8
	1.4 s	36.00nm		5.1mb	DMU		60.69	318 iPd	19 21.90 0.0	KIC	88.78	277 (P)	22 03.70	-0.2
CLL	50.97	308 iPc	18 11.90	0.0			0.8 s	71.00nm	5.6mb		0.6 s	15.50nm		5.5mb
	1.4 s	31.00nm		5.0mb	LPO		61.01	305 iPc	19 24.10 -0.1	VGB	88.85	21 ePc	22 04.74	0.9
PTJ	51.22	301 eP	18 14.10	0.1			0.9 s	20.95nm	5.3mb		i		22 09.17	14km
GEC2	51.47	305 ePc	18 16.20	0.3	LFF		61.15	306 eP	19 25.10 0.0	ADE	88.96	141 e(P)	22 05.40	1.1
	1.2 s	7.83nm		4.5mb			0.7 s	21.70nm	5.4mb	LIC	89.08	277 (P)	22 04.80	-0.5
	e		18 20.00	13km	DCN		61.17	317 eP	19 25.00 -0.1	CROR	89.29	21 P	22 07.09	1.1
	e		18 21.40				0.8 s	87.00nm	5.9mb	LRM	90.46	15 eP	22 11.40	-0.3
	e		18 30.60		IMA		61.96	24 iPc	19 29.56 -0.9		e		22 15.70	13km
VBY	51.83	301 iPc	18 18.90	0.4			0.9 s	19.30nm	5.3mb	EEO	91.16	352 eP	22 21.50	7.0x
MOX	52.03	308 eP	18 20.30	0.3			e		19 33.72 14km	RSSD	93.46	10 eP	22 25.45	0.0
	1.6 s	36.00nm		5.1mb	EPF		62.41	304 eP	19 32.60 -1.1		0.7 s	21.40nm		5.7mb
BHG	52.42	304 eP	18 23.60	0.6			0.8 s	13.85nm	5.2mb		i		22 30.16	15km
	1.0 s	39.00nm		5.3mb	ESEL		62.56	300 eP	19 35.30 0.6	BW06	93.94	14 eP	22 26.77	-1.0
RBL	52.51	302 Pc	18 23.10	-0.7	TTA		63.26	28 eP	19 38.49 -0.6		0.9 s	4.16nm		4.8mb
GRF	52.64	307 iPc	18 25.60	1.0			1.3 s	29.55nm	5.3mb	SIV	143.68	307 PKP	28 47.40	1.9
	1.1 s	32.00nm		5.2mb	EROQ		63.57	302 eP	19 40.60 -0.7	CCH	147.71	312 PKP	28 54.60	2.1
Z	18 s	0.90um		4.9Msz	FBA		64.54	23 iPc	19 46.52 -0.8	NNA	147.76	334 iPKP	28 54.65	2.3
FUR	53.22	305 eP	18 30.10	1.2			0.8 s	18.89nm	5.3mb		0.7 s	11.64nm		
WTTA	53.38	304 iPc	18 30.30	0.0	SVW		64.60	29 eP	19 48.33 0.5	ZOBO	147.88	316 PKP	28 53.00	-0.2
	1.0 s	51.60nm		5.5mb			1.1 s	82.36nm	5.8mb	Z	20 s	0.51um		5.3Msz
	i		18 33.60	11km	ETOR		65.12	303 iPd	19 51.10 -0.4		LR		36 44.00	
	i		19 03.90		BGL		65.65	28 eP	19 54.08 -0.5	LPB	148.06	316 PKP	28 52.00	-1.2
WATA	53.38	304 iPd	18 30.50	0.2	CRP		65.73	28 eP	19 55.17 0.0	CNCB	148.23	315 PKPc	28 53.80	0.1
DAG	53.47	344 iPd	18 29.90	-0.4	PMR		66.52	26 eP	19 59.60 -0.4	ARE	149.68	321 iPKPc	29 00.80	5.2x
	0.7 s	19.18nm		5.2mb	GUD		66.53	304 iPc	20 00.70 0.1	S.D. = 0.9 on 193 of 208 obs.				
SQTA	53.66	304 iPc	18 32.00	-0.3	TOL		66.91	303 eP	20 05.00 2.1	& NOV 27, 1992 16h 11m 11.55s				
TDS	53.67	294 Pc	18 32.90	0.6	SLKM		66.93	28 eP	20 01.30 -1.4	34.363 N 116.885 W				
OQA	53.92	304 iPd	18 34.50	0.2	TOA		67.10	25 eP	20 02.90 -0.9	DEPTH = 3.7km				
	1.0 s	21.00nm		5.1mb	EBAN		67.75	302 eP	20 04.30 -4.0X	SOUTHERN CALIFORNIA (43)				
MGR	53.98	295 Pc	18 34.30	-0.2	EBAN		67.75	302 iPd	20 15.50 7.2X	<PAS->. ML 3.7 (PAS), 3.6 (GS).				
OSS	54.55	304 iPd	18 38.10	-0.8	BALM		69.10	24 ePc	20 15.72 -0.6	PEC	0.52	206 eP	11 21.17	-0.8
ASS	54.56	299 P	18 39.20	0.3	EPRU		69.39	301 iPd	20 18.30 -0.1	SSK	0.69	257 iPc	11 24.40	-0.9
SFI	54.70	300 Pc	18 40.70	0.9	EJIF		69.86	301 eP	20 12.20 -9.0X	GSC	0.94	4 iPc	11 29.18	-0.9
VDL	55.05	304 iPd	18 42.20	-0.4	EJIF		69.86	301 iPc	20 19.60 -1.6	PLM	1.01	179 iPd	11 30.27	-1.1
SLE	55.08	306 ePd	18 42.70	0.1	BCAO		72.76	260 iPc	20 37.80 -1.2		S		11 44.07	
LLS	55.17	305 eP	18 42.80	-0.7			0.8 s	46.00nm	5.6mb	ABL	1.99	285 ePn	11 44.34	-2.2
MME	55.31	301 Pc	18 45.30	0.7			id		20 42.00 14km	GLA	2.16	127 eP	11 47.09	-1.8
BDI	55.44	301 P	18 45.30	0.0			ic		21 10.00	BCH	2.76	288 ePn	11 54.81	-2.7
CDF	55.53	307 eP	18 45.40	-0.5			ic		21 14.50	PHAM	3.23	298 eP	12 03.40	-0.7
	1.0 s	16.00nm		5.0mb	YKA		74.12	11 eP	20 45.60 -0.5	MTUM	3.28	336 ePn	12 03.97	-1.0
TMA	55.59	304 ePc	18 45.30	-1.2			0.8 s	26.80nm	5.3mb	MRCM	3.55	339 ePn	12 08.52	-0.3
BSF	56.08	306 eP	18 49.30	-0.6	SIT		74.45	23 eP	20 49.03 1.0		ePg		12 18.16	
	1.4 s	47.05nm		5.3mb	MRWA		0.9 s	22.30nm	5.2mb	TNP	3.72	356 ePn	12 10.29	-1.0
MMK	56.18	304 ePd	18 49.80	-1.0			0.6 s	4.00nm	4.6mb	BONR	3.76	343 ePn	12 10.22	-1.8
HAU	56.27	307 eP	18 50.70	-0.4	WARB		76.11	146 eP	20 58.00 0.1	ARUT	4.41	38 ePn	12 19.72	-1.3
Z	1.3 s	31.75nm		5.2mb	BAL		76.52	156 eP	21 00.00 -0.1	MSU	5.62	41 ePn	12 37.05	-1.2
	23 s	0.68um		4.7MszX			0.7 s	26.00nm	5.4mb	NTYM	6.15	312 eP	12 42.26	-3.2
DIX	56.51	304 ePd	18 53.50	0.3	ASPA		77.25	139 iPc	21 04.50 0.1	15 obs. associated				
EMS	56.81	304 ePc	18 54.90	-0.4			0.8 s	25.70nm	5.3mb	& NOV 27, 1992 16h 11m 53.76s				
PGF	57.18	300 eP	18 57.50	-0.4	MUN		77.65	157 eP	21 06.00 -0.4	34.364 N 116.884 W				
LPG	57.19	304 iPc	18 58.20	0.1	FCC		79.59	2 eP	21 19.50 2.9X	DEPTH = 3.3km				
	1.0 s	72.40nm		5.7mb	CTA		81.11	127 P	21 26.60 1.3	SOUTHERN CALIFORNIA (43)				
LPL	57.19	304 iPc	18 58.20	0.1	JAQ		83.73	351 eP	21 38.00 -0.5	<PAS->. ML 3.6 (PAS).				
	1.1 s	93.55nm		5.7mb	MCW		85.39	21 (P)	21 46.91 0.0	PEC	0.52	206 eP	12 03.57	-0.7
BNI	57.45	303 P	18 59.60	-0.1	CMW		85.81	20 P	21 49.53 0.4	SSK	0.69	257 eP	12 06.76	-0.7
SBF	57.55	302 eP	19 00.00	-0.3	JCW		86.07	20 P	21 51.09 0.7	GSC	0.94	4 (P)	12 10.69	-1.7
	1.0 s	66.60nm		5.6mb	SES		86.30	13 ePc	21 50.60 -0.9	PLM	1.01	179 eP	12 12.38	-1.2
EKA	58.08	318 Pc	19 03.10	-0.7	RMW		86.78	21 eP	21 54.68 0.8	ABL	1.99	285 (P)	12 29.31	0.5
	0.8 s	25.40nm		5.3mb			e		21 58.93 13km	BCH	2.76	288 (P)	12 37.99	-1.8
LOR	58.10	307 eP	19 02.80	-1.3	WTV		87.03	19 P	21 54.99 -0.1	MSU	5.62	41 (P)	13 17.90	-2.5
	0.8 s	12.35nm		5.0mb	SAW		87.16	19 P	21 55.89 0.2	7 obs. associated				
Z	22 s	4.78um		5.6Msz	NEW		87.16	17 eP	21 55.50 -0.2	& NOV 27, 1992 16h 17m 15.57s				
L8F	58.17	307 eP	19 03.50	-1.1			0.8 s	25.97nm	5.5mb	34.339 N 116.896 W				
	1.3 s	28.90nm		5.2mb	DPW		87.29	18 eP	21 56.65 0.3	DEPTH = 2.6km				
SSF	58.41	307 eP	19 05.30	-1.0			e		22 00.68 13km	SOUTHERN CALIFORNIA (43)				
	1.4 s	31.80nm		5.2mb	FMW		87.30	21 P	21 57.06 0.4	<PAS->. ML 3.1 (PAS).				
SMF	58.41	306 iPc	19 05.50	-0.8	TBM		87.36	20 P	21 57.07 0.3	ISA	1.85	316 ePn	17 45.79	-2.8
	0.9 s	33.25nm		5.4mb	LON		87.44	21 eP	21 57.72 0.6	ABL	1.98	286 ePn	17 49.35	-1.3
AVF	58.63	307 iPc	19 07.00	-0.8	EPH		87.44	19 P	21 57.23 0.2	GLA	2.15	126 ePn	17 51.23	-1.7
	1.4 s	55.75nm		5.5mb	RMO		87.49	129 iPc	21 58.20 0.9	3 obs. associated				
BGF	59.05	307 eP	19 09.90	-0.9			0.7 s	25.00nm	5.6mb	& NOV 27, 1992 16h 23m 48.05s				
	0.9 s	11.95nm		5.0mb	WPW		87.55	21 P	21 58.40 0.7	34.355 N 116.890 W				
MAF	59.39	306 iPc	19 12.70	-0.4	NAC		87.71	20 P	21 59.14 0.8	DEPTH = 4.0km				
	0.8 s	20.70nm		5.3mb	STK		87.84	138 iPc	22 02.80 3.9X	SOUTHERN CALIFORNIA (43)				
TCF	59.57	307 iPc	19 13.80	-0.6			e		22 06.80 13km	<PAS->. ML 3.6 (PAS), 3.3 (GS).				
	0.9 s	30.80nm		5.4mb	CRF		87.98	19 P	22 00.15 0.6	PEC	0.52	206 eP	12 03.57	-0.7
LDF	59.77	310 eP	19 14.80	-0.9	MXC		87.99	20 P	22 00.56 0.9	SSK	0.69	257 eP	12 06.76	-0.7
FLN	59.89	310 eP	19 15.60	-0.9	MTMW		88.00	21 P	22 00.77 1.0	GSC	0.94	4 (P)	12 10.69	-1.7
Z	20 s	0.40um		4.6Msz	WAH2		88.01	19 P	22 00.16 0.5	PLM	1.01	179 eP	12 12.38	-1.2
GRR	60.30	310 eP	19 18.40	-0.9	ULM		88.04	3 ePc	22 05.50 5.7X	ABL	1.98	286 ePn	17 49.35	-1.3
	1.1 s	43.45nm		5.5mb	LOCW		88.07	19 P	22 00.51 0.5	GLA	2.15	126 ePn	17 51.23	-1.7
RJF	60.49	306 eP	19 20.60	0.0			e		22 06.80 13km	3 obs. associated				
	0.9 s	19.50nm		5.2mb			e		22 00.15 0.6	& NOV 27, 1992 16h 23m 48.05s				

27d 16h

PEC	0.51	206	eP	23	57.75	-0.6
SSK	0.68	258	iPc	24	00.87	-0.8
			S	24	10.50	
GSC	0.95	4	iPc	24	05.77	-1.0
PLM	1.00	179	iPd	24	06.60	-1.1
			S	24	20.40	
ISA	1.84	316	ePn	24	18.97	-1.8
ABL	1.99	285	ePn	24	21.17	-1.8
GLA	2.16	126	ePn	24	23.11	-2.2
BCH	2.76	288	ePn	24	32.90	-1.1
MTUM	3.29	336	ePn	24	40.76	-0.8
			ePg	24	48.06	
MRCM	3.56	339	ePn	24	45.52	0.1
			ePg	24	53.97	
MMPM	3.68	333	ePg	24	55.52	8.2
TNP	3.73	356	ePg	24	55.51	7.7
BONR	3.77	343	ePg	24	57.89	9.4
ARUT	4.42	38	ePn	24	56.30	-1.3
MSU	5.63	41	ePn	25	13.73	-1.1
SRU	6.97	45	ePn	25	34.29	0.6
PV09	7.49	54	eP	25	38.48	-2.6
PV08	7.86	55	ePn	25	43.31	-3.0

18 obs. associated

& NOV 27, 1992 16h 27m 50.42s
34.338 N 116.894 W
DEPTH = 1.8km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS).

PEC	0.50	207	eP	27	59.79	-0.6
SSK	0.67	259	eP	28	03.24	-0.6
GSC	0.96	4	iPd	28	08.48	-1.1
PLM	0.98	178	eP	28	08.57	-1.4
ISA	1.85	316	eP	28	21.56	-2.0
TNP	3.75	356	ePg	28	59.20	8.5
BONR	3.79	343	(Pn)	28	54.13	2.7

7 obs. associated

& NOV 27, 1992 16h 46m 43.56s
60.209 N 151.709 W
DEPTH = 53.8km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 3.7 (AEIC).
Foreshock.

RDT	0.50	317	eP	46	54.73	-0.6
HOM	0.55	177	iPd	46	55.71	0.0
REF	0.57	300	iPc	46	55.50	-0.7
			eS	47	05.68	
RSO	0.58	297	iPc	46	55.67	-0.6
			eS	47	05.80	
RS1	0.58	296	iPc	46	55.72	-0.6
RS2	0.58	297	iPc	46	55.71	-0.6
NKA	0.58	23	iPc	46	57.50	1.4
RDN	0.61	301	ePc	46	55.82	-0.7
BRLK	0.61	137	eP	46	56.11	-0.4
			eS	47	05.86	
RDW	0.61	297	ePc	46	55.74	-0.9
DFR	0.62	309	iPc	46	55.92	-0.8
ILIM	0.64	259	iPc	46	56.22	-0.7
			eS	47	07.28	
INE	0.69	258	iPc	46	56.86	-0.8
NCT	0.70	301	iPc	46	57.09	-0.6
			eS	47	08.49	
CNPM	0.73	161	iPd	46	57.28	-0.7
			eS	47	08.76	
INW	0.73	259	ePc	46	57.18	-0.9
XLV	0.76	180	iPd	46	57.46	-0.9
SLKM	0.80	67	iPc	46	57.76	-1.1
SPU	0.99	350	iPd	47	00.65	-0.8
			eS	47	14.82	
CKT	1.02	346	iPd	47	01.17	-0.8
CKL	1.04	343	ePd	47	01.40	-0.8
CKN	1.04	347	iPd	47	01.69	-0.5
CRP	1.08	349	iPd	47	01.68	-1.2
CP2	1.09	346	ePd	47	02.22	-0.8
BGL	1.11	343	iPd	47	02.28	-0.9
CGLM	1.11	353	iPd	47	02.52	-0.7
SEW	1.14	94	eP	47	01.87	-1.5
			eS	47	19.65	
AUE	1.20	225	iPd	47	03.31	-0.9
MPA	1.20	75	iPc	47	03.25	-1.0
AUL	1.20	227	eP	47	03.79	-0.6
AUP	1.21	226	ePd	47	03.79	-0.8
			eS	47	20.45	
NCG	1.22	350	iPd	47	04.10	-0.6

AUH	1.22	227	eP	47	20.98	-0.6
AUW	1.23	227	eP	47	04.08	-0.6
AUI	1.23	226	eP	47	03.79	-1.0
			eS	47	20.23	
PDB	1.32	252	iPc	47	04.42	-1.5
			eS	47	21.69	
SUA	1.35	20	iPd	47	05.87	-0.6
PMS	1.48	45	eP	47	07.70	-0.6
PTE	1.48	62	iPc	47	07.02	-1.2
			eS	47	27.68	
CDD	1.62	218	ePc	47	09.40	-0.8
			eS	47	30.54	
SYI	1.64	193	iPd	47	09.25	-1.2
MCNL	1.68	234	ePc	47	09.30	-1.8
			eS	47	30.26	
PWA	1.70	31	iPd	47	10.58	-0.7
SKT	1.78	3	iPd	47	11.61	-0.8
PLRM	1.87	41	iPd	47	12.21	-1.5
			eS	47	33.26	
PMR	1.87	41	iPd	47	11.84	-1.9
LTI	1.94	93	eP	47	12.02	-2.6
KNIM	1.98	84	iPc	47	12.34	-3.0
			eS	47	36.52	
KNK	2.00	51	eP	47	13.91	-1.6
			eS	47	37.09	
GHO	2.07	40	iPd	47	15.02	-1.6
			eS	47	38.87	
SVW	2.13	297	iPc	47	14.37	-3.0
SML	2.30	44	iPd	47	17.97	-1.8
GLI	2.38	72	iPc	47	17.35	-3.5
			eS	47	45.26	
KDC	2.50	190	eP	47	19.20	-3.3
HIN	2.60	84	eP	47	21.52	-2.5
FID	2.65	76	ePc	47	20.63	-4.0
VZW	2.68	69	eP	47	21.97	-3.2
SCM	2.68	51	eP	47	23.20	-2.1
VLZ	2.80	68	ePc	47	23.69	-3.2
HUR	2.95	19	eP	47	28.29	-0.7
CVA	2.98	81	eP	47	25.09	-4.3
KLU	3.11	63	iPc	47	28.53	-2.9
SGAM	3.24	82	ePc	47	28.66	-4.5
TOA	3.29	52	iPd	47	32.60	-1.3
TRF	3.32	11	eP	47	31.96	-2.5
KTH	3.38	6	eP	47	33.40	-1.7
TTA	3.42	325	ePd	47	33.14	-2.6
RND	3.48	22	eP	47	34.69	-1.9
RAGM	3.51	84	eP	47	33.78	-3.1
TZL	3.56	56	eP	47	35.37	-2.3
HMT	3.71	85	eP	47	37.99	-1.8
SDG	3.77	49	eP	47	38.33	-2.3
MCK	3.77	19	eP	47	38.65	-1.9
GLB	4.06	69	iPc	47	40.94	-3.7
			eS	48	25.32	
PAX	4.07	44	iPd	47	42.68	-2.2
CROM	4.28	79	eP	47	43.58	-4.3
THY	4.28	39	eP	47	46.68	-1.1
WAX	4.41	83	eP	47	44.48	-5.1
SNH	4.43	87	eP	47	45.53	-4.3
NEA	4.55	14	eP	47	48.84	-2.7
WRH	4.60	20	eP	47	49.85	-2.3
CYK	4.61	88	eP	47	50.03	-2.3
BALM	4.69	76	eP	47	49.27	-4.3
HDA	4.76	26	eP	47	49.52	-5.0
CCB	4.81	20	iPd	47	52.24	-2.9
MLY	4.86	5	eP	47	53.67	-2.3
YAH	4.96	84	eP	47	54.82	-2.8
DOT	4.99	43	eP	47	55.14	-2.7
MDM	5.03	17	eP	47	55.43	-2.9
FBA	5.04	19	ePd	47	55.31	-3.2
CTGM	5.17	77	eP	47	57.83	-2.6
GLM	5.19	21	iPd	47	57.69	-3.0
PCA	5.72	86	ePc	48	04.92	-3.2
IMA	5.95	352	ePnc	48	08.06	-3.2
PRP	6.03	25	eP	48	09.26	-3.2
BCPM	6.05	87	ePc	48	09.46	-3.1
PNL	6.21	90	ePc	48	10.87	-4.0
HQN	6.52	91	ePc	48	14.55	-4.5
SDN	6.77	228	eP	48	16.77	-5.9
FYU	7.01	22	eP	48	22.32	-3.6
SIT	9.11	103	(P)	48	51.12	-3.8
YKA	17.78	67	eP	50	50.60	2.3
	0.8s	1.40nm			3.2mb	
MBC	19.58	22	eP	51	04.00	-5.4
	0.6s	2.00nm			3.6mb	

103 obs. associated

& NOV 27, 1992 16h 46m 50.06s
60.188 N 151.776 W
DEPTH = 63.0km
KENAI PENINSULA, ALASKA (14)
<AEIC>. ML 4.2 (AEIC). 3.9
(PMR). Felt (iii) at Kenai.

RSO	0.56	300	eP	47	02.31	-1.0
NKA	0.62	25	eP	47	04.40	0.7
BRLK	0.62	133	eP	47	02.81	-1.0
NCT	0.68	304	eP	47	04.00	-0.6
CNPM	0.72	157	eP	47	04.24	-0.7
			eS	47	15.24	
XLV	0.74	178	iP	47	04.10	-1.0
			eS	47	15.12	
SLKM	0.84	67	eP	47	04.88	-1.5
CRP	1.10	350	eP	47	09.18	-0.8
AUE	1.16	225	eP	47	09.98	-0.6
SEW	1.17	93	eP	47	10.31	-0.4
			eS	47	26.39	
AUP	1.17	226	eP	47	10.42	-0.5
			eS	47	26.81	
AUI	1.20	225	eP	47	10.49	-0.6
			eS	47	26.72	
NCG	1.23	351	eP	47	11.13	-0.6
			eS	47	27.68	
MPA	1.24	75	eP	47	10.17	-1.5
PDB	1.28	253	eP	47	11.23	-1.0
			eS	47	28.32	
SUA	1.38	21	eP	47	12.54	-1.1
			eS	47	31.63	
PTE	1.52	62	eP	47	14.02	-1.5
CDD	1.58	218	eP	47	15.74	-0.6
			eS	47	36.39	
SYI	1.61	192	eP	47	16.04	-0.7
MCNL	1.64	233	eP	47	16.38	-0.8
			eS	47	36.93	
PWA	1.74	31	eP	47	17.79	-0.7
SKT	1.80	4	eP	47	18.75	-0.7
PLRM	1.91	41	eP	47	18.75	-2.2
			eS	47	40.93	
LTI	1.97	93	eP	47	18.79	-2.9
KNIM	2.02	84	eP	47	19.44	-3.0
KNK	2.04	52	eP	47	20.94	-1.8
			eS	47	43.41	
SVW	2.11	298	eP	47	21.27	-2.4
GHO	2.11	40	eP	47	22.33	-1.5
			eS	47	46.86	
SML	2.34	44	eP	47	25.46	-1.4
SCM	2.72	51	eP	47	31.08	-1.3
VLZ	2.84	68	eP	47	30.85	-3.1
HUR	2.98	19	eP	47	35.84	-0.1
KLU	3.15	63	eP	47	35.31	-3.1
			eS	48	10.33	
TOA	3.33	52	eP	47	38.39	-2.5
KTH	3.40	6	eP	47	42.01	0.1
SDG	3.81	49	eP	47	46.08	-1.5
GLB	4.10	69	iP	47	47.68	-4.0
			eS	48	32.21	
PAX						

SSK 0.68 258 iPc 12 28.08 -0.8
eS 12 37.45
GSC 0.95 4 iPd 12 32.87 -1.0
ISA 1.84 316 ePn 12 47.93 0.0
ePg 12 49.26
ABL 1.98 285 ePn 12 49.52 -0.7
GLA 2.16 127 ePn 12 50.35 -2.2
ePg 12 56.04
BCH 2.76 288 (Pn) 13 00.93 -0.3
TNP 3.73 356 (Pn) 13 12.49 -2.6
ePg 13 23.86
BONR 3.77 343 (Pn) 13 16.70 1.0
8 obs. associated

& NOV 27, 1992 17h 38m 45.62s
34.365 N 116.886 W
DEPTH = 3.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 2.8 (GS).

PEC 0.52 206 eP 38 55.37 -0.7
SSK 0.69 257 eP 38 58.62 -0.7
GSC 0.94 4 eP 39 03.12 -1.1
PLM 1.01 179 eP 39 04.23 -1.2
S 39 17.98

ISA 1.84 315 (Pn) 39 14.84 -3.5
ABL 1.99 285 ePn 39 18.01 -2.6
GLA 2.16 127 ePn 39 21.04 -1.9
BCH 2.76 288 ePn 39 30.55 -1.1
MTUM 3.28 336 (P) 39 36.32 -2.7
MMPM 3.67 332 (P) 39 42.15 -2.7
MEMM 3.69 334 ePn 39 45.46 0.8
TNP 3.72 356 (Pn) 39 44.80 -0.5
BONR 3.76 343 (P) 39 47.06 1.0
ARUT 4.41 38 ePn 39 53.82 -1.3
MSU 5.62 41 ePn 40 16.43 4.1
15 obs. associated

NOV 27, 1992 18h 23m 46.59 ± 0.30s
42.753 N ± 3.6km 18.245 E ± 2.8km
DEPTH = 5.0km (geophysicist)
3.2mb (1 obs.)
NORTHWESTERN BALKAN REGION (383)
ML 3.2 (TTG), 3.0 (TIR), 2.6
(LJU). Felt at Dubrovnik,
Croatia.

BRY 0.26 56 iPg 23 51.80 -0.2
ISg 23 56.58
HCY 0.36 148 iPg 23 54.45 0.6
ISg 24 00.76
NKY 0.56 84 iPg 23 57.13 -0.6
ISg 24 06.63
BDV 0.64 137 iPg 23 59.20 -0.1
ISg 24 09.65
TTG 0.82 113 iPg 24 02.00 -0.9
ISg 24 15.70
PLE 1.02 55 iPg 24 05.01 -1.4
ISg 24 20.51
ULC 1.09 136 iPg 24 06.86 -0.6
ISg 24 24.27
IVA 1.22 84 iPg 24 09.57 -0.3
ISg 24 28.30
PVY 1.28 96 iPg 24 10.70 -0.3
ISg 24 30.35
HVAR 1.39 288 iPg 24 11.10 -1.5
ISg 24 31.80
BCI 1.40 105 iPnc 24 14.80 2.0
ISn 24 34.90
LACI 1.56 135 ePn 24 16.50 1.5
ISn 24 38.20
BRT 2.03 203 P 24 21.30 -0.5
VLD 2.47 157 ePn 24 31.50 3.4X
SKO 2.49 107 iPn 24 29.80 1.3
iPb 24 35.00
i 25 06.70
Lg 25 23.20
OHR 2.51 130 ePn 24 31.80 3.0X
TPE 2.79 151 ePn 24 36.00 3.2X
DUI 3.02 250 P 24 37.20 1.2
SGO 3.11 226 Pd 24 37.60 0.5
MGR 3.30 219 P 24 39.00 -1.0
TDS 3.41 206 P 24 41.60 0.1
SDI 3.45 254 Pd 24 42.30 0.1
VBY 3.49 323 ePn 24 43.00 0.4
eSn 25 27.10
VAY 3.53 112 ePn 24 48.20 5.1X

PTJ 3.55 333 iPn 24 43.90 0.4
iSn 25 25.60
ARV 3.95 283 P 24 48.50 -0.7
CEY 4.05 319 ePn 24 50.90 0.3
eSn 25 43.50
ASS 4.11 276 P 24 51.60 0.1
LJU 4.23 322 e(Pn) 24 55.00 1.9
eSn 26 39.50
TRI 4.37 314 ePn 24 54.70 -0.4
ePg 25 09.10
eSn 25 44.30
eSb 26 03.60
eSg 26 10.00
e 26 13.60

VOY 4.52 318 ePn 24 57.10 -0.3
eSn 25 50.80
CRE 4.68 283 P 25 00.40 0.7
SOI 4.97 200 P 25 01.90 -1.6
RBL 4.97 319 P 25 01.10 -2.7X
FVI 5.47 316 P 25 06.60 -4.1X
GEC2 6.07 334 Pn 25 30.00 -0.5
Sn 26 46.40
NAO 18.65 349 P 28 09.80 2.9X
0.6s 1.00nm 3.2mb
S.D. = 1.0 on 30 of 37 obs.

& NOV 27, 1992 18h 30m 39.02s
34.340 N 116.897 W
DEPTH = 1.6km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.1 (PAS), 3.0 (GS).

PEC 0.50 206 ePd 38 48.50 -0.5
SSK 0.67 259 eP 38 51.49 -1.0
GSC 0.96 5 iPc 38 57.20 -1.0
S 31 12.84
PLM 0.98 178 ePd 38 57.47 -1.1
eS 31 11.31
ISA 1.85 316 eP 31 10.36 -1.8
ABL 1.98 286 ePn 31 12.76 -1.5
GLA 2.15 126 eP 31 14.58 -1.9
BCH 2.76 289 ePn 31 25.84 0.6
MTUM 3.30 336 ePn 31 33.15 0.2
MMPM 3.69 333 ePn 31 41.49 2.8
MEMM 3.71 334 ePg 31 48.02 9.4
TNP 3.74 356 ePg 31 48.66 9.3
BONR 3.78 343 ePn 31 38.82 -1.2
ARUT 4.44 38 ePn 31 48.93 -0.2
14 obs. associated

& NOV 27, 1992 18h 32m 24.96s
34.364 N 116.904 W
DEPTH = 1.0km
4.1mb (2 obs.)
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 4.1 (PAS), 4.1 (GS).
Felt (IV) at Fawnskin and
Highland, (III) at Indio and
(II) at Yucoipio.

PEC 0.52 204 iPd 32 34.87 -0.4
SSK 0.67 257 eP 32 37.58 -0.8
GSC 0.94 5 iPc 32 42.76 -0.9
PLM 1.01 178 iPd 32 43.77 -1.3
ISA 1.83 316 eP 32 56.04 -1.8
ABL 1.97 285 ePn 32 58.08 -2.0
GLA 2.17 126 eP 33 00.67 -2.1
BCH 2.74 288 ePn 33 09.30 -1.7
PKEM 3.12 304 (P) 33 15.58 -0.7
MTUM 3.27 336 ePn 33 17.54 -1.1
ePg 33 25.07
FRI 3.48 320 iPc 33 19.39 -1.9
IS 34 06.02
MRCM 3.55 339 ePn 33 21.85 -0.7
ePg 33 31.39
PRI 3.55 301 ePc 33 20.57 -1.9
MMPM 3.67 333 ePn 33 24.27 -0.1
ePg 33 32.45
MEMM 3.69 334 (Pn) 33 25.56 1.3
TNP 3.72 356 ePn 33 24.60 -0.4
LLA 3.99 305 ePd 33 25.99 -2.6
PRS 4.14 300 eP 33 27.65 -3.1
SAO 4.41 304 ePd 33 29.09 -5.5
ARUT 4.42 38 ePn 33 33.75 -1.2
CMB 4.62 323 eP 33 36.13 -1.5
KVN 4.78 349 ePn 33 39.69 -0.3
ARN 4.80 310 eP 33 37.77 -2.4

COE 4.83 308 (P) 33 39.64 -1.0
HMR 5.47 315 (P) 33 50.57 0.9
BKS 5.56 311 eP 33 46.05 -4.8
ZSP 5.61 311 ePc 33 49.11 -2.5
MSU 5.63 41 ePn 33 50.95 -1.1
NTYM 6.14 313 eP 33 55.80 -3.2
ORV 6.35 326 (P) 33 57.68 -4.4
DUC 6.67 28 (P) 34 07.82 1.1
SRU 6.98 45 ePn 34 10.73 -0.3
EMUT 7.30 40 eP 34 15.52 0.0
PV09 7.50 54 eP 34 15.86 -2.6
DAU 7.53 35 eP 34 19.51 0.7
PV08 7.87 55 eP 34 17.48 -6.2
HVU 8.09 23 eP 34 27.45 -0.9
ALO 8.63 83 ePn 34 33.44 -0.7
BW06 10.18 32 eP 34 55.46 0.0
VGB 11.53 346 eP 35 17.31 3.6
NEW 13.89 359 eP 35 46.67 1.4
MIAR 19.23 83 eP 36 52.35 -0.9
0.8s 7.14nm 4.0mb
FVM 21.65 73 eP 37 18.95 0.1
0.8s 9.54nm 4.2mb
43 obs. associated

& NOV 27, 1992 18h 33m 01.71s
34.370 N 116.916 W
DEPTH = 0.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.7 (PAS).

PEC 0.52 203 (P) 33 11.48 -0.6
SSK 0.66 256 (P) 33 14.54 -0.4
GSC 0.93 6 (P) 33 19.71 -0.6
PLM 1.01 177 (P) 33 20.76 -1.2
4 obs. associated

& NOV 27, 1992 18h 37m 49.19s
34.361 N 116.907 W
DEPTH = 3.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.0 (GS).

PEC 0.51 204 iPd 37 58.92 -0.5
eS 38 06.19
SSK 0.67 257 eP 38 01.82 -0.7
eS 38 11.38
GSC 0.94 5 ePc 38 06.86 -1.0
ISA 1.83 316 ePn 38 20.23 -1.6
GLA 2.17 126 ePn 38 22.84 -3.9
MTUM 3.27 336 ePn 38 42.40 -0.2
ePg 38 49.51
MRCM 3.55 339 (Pn) 38 43.94 -2.6
ePg 38 55.39
MMPM 3.67 333 (Pn) 38 47.82 -0.5
ePg 38 56.76
MEMM 3.69 334 (Pn) 38 46.67 -1.6
TNP 3.72 356 (Pn) 38 50.40 1.4
ARUT 4.42 38 (P) 38 58.51 -0.4
11 obs. associated

& NOV 27, 1992 18h 39m 18.52s
34.367 N 116.907 W
DEPTH = 3.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.4 (PAS), 3.0 (GS).

PEC 0.52 204 iPd 39 28.31 -0.6
eS 39 35.42
SSK 0.67 257 eP 39 31.26 -0.6
eS 39 40.82
GSC 0.94 5 eP 39 35.98 -1.1
PLM 1.01 178 eP 39 37.33 -1.1
ISA 1.82 316 ePn 39 52.42 1.3
ABL 1.97 285 eP 39 51.81 -1.5
GLA 2.17 127 (Pn) 39 54.01 -2.1
eS 40 28.98
MRCM 3.54 339 (Pn) 40 19.98 4.2
MEMM 3.68 334 (Pn) 40 23.60 6.1
TNP 3.72 356 ePg 40 27.73 9.5
10 obs. associated

NOV 27, 1992 18h 42m 28.77 ± 1.36s
39.572 S ± 5.6km 174.139 E ± 6.0km
DEPTH = 221.4 ± 15.4 km
NORTH ISLAND, NEW ZEALAND (159)
CNZ 1.15 72 P 43 02.30 0.1

MOZ	1.18	26	Pd	43 02.10	-0.1	ALN	4.28	42	ePn	54 56.24	0.9	AAI	3.26	325	eP	55 39.00	1.0	
			eS	43 25.20								KNA	9.39	188	eP	56 57.20	-2.3	
NGZ	1.20	71	P	43 02.70	0.1	RZN	4.35	25	eP	54 57.00	0.5		0.2s	100.00nm			6.1mb	
DIW	1.24	188	P	43 02.90	0.2	LACI	4.35	334	ePn	55 01.80	5.4X				eS	58 35.00		
KIW	1.42	156	Pc	43 04.00	0.0	KDZ	4.57	31	eP	54 58.00	-1.5	QIS	16.86	148	eP	58 33.20	-1.6	
MNG	1.47	136	Pc	43 04.50	0.1	VTs	4.88	8	iP	55 05.00	1.0		0.2s	11.00nm			4.9mb	
			S	43 28.00		BCI	4.91	340	ePn	55 04.00	0.5				eS	01 30.80		
TCW	1.64	176	P	43 06.30	0.4	SOI	4.94	276	P	55 07.00	2.3	PMG	17.20	101	eP	58 40.50	1.5	
			S	43 31.70		PGB	5.00	16	eP	55 06.00	0.4	ASPA	17.57	168	iPc	58 43.30	-0.1	
CAW	1.69	155	P	43 06.30	0.0	KCT	5.34	60	eP	55 11.00	0.6				iS	01 52.90		
MRW	1.71	166	Pc	43 06.50	0.0	MGR	5.76	296	P	55 14.00	-2.2	MBL	17.71	213	iPc	58 30.70	-14.2	
			S	43 32.20		PVL	5.93	22	eP	55 16.00	-2.5X				eS	01 45.00		
WAHZ	1.72	95	P	43 06.60	0.0	DUI	7.18	305	P	55 39.00	2.8	WARB	19.95	189	eP	59 10.00	1.5	
QRZ	1.76	224	Pc	43 06.90	0.0	VBY	9.35	328	ePn	56 02.00	-4.1X	NANU	21.33	220	eP	59 22.60	0.4	
			eS	43 33.00					eSn	57 47.40					eS	03 18.00		
WEL	1.78	165	P	43 07.00	-0.1	CLL	15.06	337	eP	57 27.00	4.9X	MEEK	22.90	207	eP	59 37.50	-0.1	
			eS	43 33.30		HFS	23.05	349	eP	58 52.90	0.3	MRWA	26.31	209	eP	00 10.00	0.6	
MTW	1.90	147	P	43 07.90	-0.3		0.4s	1.40nm			3.7mb			0.4s	2.00nm		4.1mb	
WHH	1.95	70	eP	43 08.30	-0.6	NAO	24.19	346	P	59 03.60	-0.1				e	00 45.00		
MOW	2.03	156	P	43 09.20	-0.4		0.9s	5.30nm			4.1mb				eS	05 11.00		
BLW	2.06	151	P	43 09.60	-0.3	KAF	24.51	5	eP	59 06.90	0.2	BAL	27.16	206	eP	00 18.00	0.8	
TTH	2.08	90	eP	43 10.30	0.3	BCAO	33.35	187	iPc	00 25.70	-0.8				eS	05 31.00		
AMW	2.13	145	P	43 10.40	-0.1		0.3s	3.00nm			4.6mb	STK	27.56	158	eP	00 26.10	5.4	
MOH	2.37	80	eP	43 13.60	0.5	IMA	76.46	358	eP	05 45.00	8.2X				e	00 54.00		
PAHZ	2.37	73	P	43 13.30	0.2		0.7s	2.33nm			4.3mb	KLB	27.59	203	eP	00 22.00	1.0	
THZ	2.38	203	P	43 13.30	0.1		S.D. = 1.0 on 41 of 47 obs.						0.3s	5.00nm		4.7mb		
			S	43 44.60								MUN	28.56	205	eP	00 30.00	0.3	
URZ	2.66	61	P	43 15.40	-0.7							MAT	43.38	10	eP	02 34.00	-1.0	
			eS	43 47.20									0.8s	5.97nm		4.3mb		
DSZ	2.81	219	P	43 17.90	0.1							GUN	54.59	311	P	04 01.58	0.0	
KHZ	2.88	189	eP	43 18.50	0.0							PKI	54.77	310	P	04 02.84	0.0	
			S	43 53.60								KKN	54.98	310	P	04 03.80	-0.4	
MAHZ	2.93	84	eP	43 19.70	0.6							DMN	55.02	310	P	04 04.26	-0.3	
	S.D. = 0.3 on 25 of 25 obs.					PEC	0.50	206	iPd	55 49.93	-0.3	GKN	55.58	310	P	04 08.16	-0.2	
						SSK	0.68	259	iPd	55 53.19	-0.5	HYB	56.10	296	eP	04 11.00	-1.1	
	NOV 27, 1992 18h 53m 51.19± 0.56s					GSC	0.96	4	ePd	55 58.20	-1.1	ZOBO	151.16	142	ePKP	14 24.00	5.9X	
	37.759 N ± 5.2km 22.286 E ± 4.0km					PLM	0.99	178	ePd	55 58.71	-1.3		S.D. = 1.1 on 19 of 22 obs.					
	DEPTH = 51.0 ± 9.3 km								eS	56 12.33								
	4.2mb (4 obs.)					ABL	1.98	285	ePn	56 14.56	-1.0		% NOV 27, 1992 19h 59m 36.47± 2.17s					
	SOUTHERN GREECE (368)					GLA	2.15	126	ePn	56 13.06	-4.8		31.364 S ±16.4km 68.601 W ±14.5km					
	MD 3.7 (ATH).								eS	56 50.08			DEPTH = 101.0 ± 21.1 km					
													SAN JUAN PROVINCE, ARGENTINA (137)					
ATH	1.15	79	ePb	54 13.00	1.8	MMPM	3.69	333 (P)		56 47.11	7.2							
VLI	1.16	153	ePg	54 10.70	-0.7	MEMM	3.70	334 (Pn)		56 47.88	8.1							
AGG	1.26	2	iPb	54 13.02	0.2	TNP	3.74	356 (Pn)		56 39.30	-1.2	RTLL	0.12	73	iPc	59 50.50	-0.6	
			eSb	54 30.04					ePg	56 50.28					S	00 02.00		
VLS	1.40	288	ePb	54 14.50	-0.3	BONR	3.78	343 (Pn)		56 40.67	-0.5	CFA	0.39	128	ePc	59 52.20	0.3	
IGT	2.34	320	ePn	54 27.80	-0.1					56 51.44					S	00 04.20		
			eSn	54 55.96								RTBS	0.79	248	iPc	59 55.50	0.5	
LIT	2.34	4	iPn	54 27.84	-0.2							RTPR	2.09	60	ePd	00 10.50	-0.2	
			eSn	54 57.36								MRA	2.67	114	ePc	00 19.10	0.6	
PAIG	2.42	26	ePn	54 29.00	-0.1							RFA	3.40	178	ePc	00 28.00	-0.5	
			eSn	55 00.44											S	01 06.50		
KZN	2.58	351	ePn	54 32.00	0.7								S.D. = 0.8 on 6 of 6 obs.					
KEK	2.75	316	ePn	54 32.50	-1.4													
SRN	2.77	321	ePn	54 34.60	0.6								& NOV 27, 1992 20h 00m 21.04s					
OUR	2.89	27	ePn	54 35.92	0.1	PEC	0.49	205 (P)		23 36.99	-1.0		34.353 N 116.899 W					
			eSn	55 09.96		SSK	0.66	259 (P)		23 41.15	-0.2		DEPTH = 4.5km					
THE	2.92	10	ePn	54 35.32	-0.9	PLM	0.98	177 ePd		23 46.66	-1.3		SOUTHERN CALIFORNIA (43)					
			eSn	55 10.80		ISA	1.84	316 ePn		24 00.45	-0.9		<PAS-P>. ML 2.9 (PAS).					
TPE	3.09	326	ePn	54 38.00	-0.7				ePg	24 02.59								
FNA	3.10	347	ePn	54 38.92	0.0	ABL	1.97	286 eP		24 02.91	-0.5	PEC	0.51	205 ePc		00 30.56	-0.7	
			eSn	55 15.68		GLA	2.16	126 (Pn)		24 03.86	-2.2	SSK	0.67	258 iPd		00 33.62	-0.9	
SOH	3.17	15	iPn	54 39.97	0.1							GSC	0.95	5 iPd		00 38.63	-1.1	
			eSn	55 17.68								PLM	1.00	178 ePd		00 39.46	-1.1	
GRG	3.19	2	ePn	54 39.74	-0.4										S	00 52.32		
			iSn	55 17.88								ISA	1.84	316 ePn		00 52.85	-0.8	
KNT	3.43	8	ePn	54 42.84	-0.6							ABL	1.98	285 ePn		00 54.75	-1.1	
			eSn	55 23.96								GLA	2.16	126 ePn		00 56.41	-1.9	
PRK	3.46	63	ePb	54 50.00	6.1X							BONR	3.77	343 (Pn)		01 21.06	-0.4	
VLO	3.47	322	ePn	54 42.80	-1.2							MSU	5.63	41 (Pn)		01 45.63	-2.2	
SRS	3.50	16	ePn	54 44.65	0.2										ePg	02 05.57		
			eSn	55 25.64									9 obs. associated					
OHR	3.54	341	iPn	54 45.00	-0.1													
			i	54 54.10									NOV 27, 1992 20h 01m 57.44± 0.21s					
			i	55 17.80									27.635 N ± 4.5km 130.191 E ± 4.0km					
			i	55 30.50									DEPTH = 33.0km (normal)					
			Lg	55 40.60									4.9mb (37 obs.) 4.2Msz (1 obs.)					
VAY	3.56	3	iPn	54 43.60	-1.7								RYUKYU ISLANDS (238)					
EZN	3.77	56	ePn	54 47.40	-0.8													
IZM	3.98	79	ePn	54 51.00	-0.2								SSE	8.58	296 P		04 01.50 -0.8	
MMB	3.98	16	iP	54 51.00	-0.3									1.2s	30.00nm		5.3mb	
TIR	4.04	333	ePn	54 52.50	0.5								Z	12s	3.20um		4.9Mszx	
KKB	4.15	8	iP	54 54.00	0.4								N	14s	2.10um			
SKO	4.26	351	iPn	54 55.50	0.4								E	12s	1.30um			
			iSn	55 45.80											pP	04 10.00		
													NJ2	10.78	297 Pd		04 33.20 0.6	
													MAT	11.18	35 eP		04 35.00 -3.0	
																</		

	0.9s	8.40nm	4.9mb	ASPA	51.13	176	iPd	10	58.70	-0.5	SRU	92.74	43	ePd	15	08.76	0.8
		eS	06 51.00		0.9s	17.60nm			5.0mb		RSSD	93.06	36	eP	15	09.92	0.5
TIA	14.00	311	eP	05 17.00	1.4	WARB	53.62	184	eP	11 18.00	0.2		1.0s	7.11nm		5.1mb	
	14s	2.38um				RMQ	56.70	160	eP	11 39.00	-0.4		S.D. = 0.9 on 69 of 83 obs.				
	15s	1.97um					1.0s	16.00nm		5.0mb							
WHN	14.15	286	P	05 24.50	6.9X	ARU	57.37	321	eP	11 44.00	-0.6						
	1.0s	18.00nm				Z	16s	1.30um		5.1MszX							
SNY	15.16	341	eP	05 36.40	5.7X		E	16s	1.00um								
	12s	2.06um				TTA	58.43	31	eP	11 51.70	-0.4						
	11s	1.32um				SVW	58.62	33	eP	11 53.50	0.1						
	10s	0.69um				IMA	59.47	27	eP	11 59.00	-0.4						
GZH	15.88	257	Pd	05 45.40	5.2X		1.2s	27.40nm		5.3mb							
CN2	16.58	348	eP	05 52.40	3.5X	STK	60.17	169	iPd	12 07.40	3.1X	KMPM	2.22	88	iPc	03 35.79	-0.1
	1.0s	7.40nm				BGL	60.18	33	eP	12 03.65	-0.6	EKR	2.22	81	iPc	03 35.13	-0.6
	13s	1.18um				CP2	60.25	33	ePc	12 04.41	-0.4	FOX	2.32	86	iPc	03 37.27	0.1
	12s	0.99um				DZM	60.58	141	iPc	12 06.60	-0.7	FHC	2.35	79	iPd	03 36.38	-1.3
	12s	0.63um				PWA	61.35	32	eP	12 10.70	-1.3						
		eP	05 59.00				0.9s	77.50nm		5.0mb		LGPM	3.24	79	Pc	03 49.44	-0.9
BJI	16.96	320	eP	05 54.50	0.8	FBA	61.97	29	eP	12 15.49	-0.7	WDC	3.43	85	eP	03 52.45	-0.5
	1.6s	40.00nm					1.4s	6.88nm		4.6mb		NTYM	3.93	119	eP	03 59.17	-0.8
	14s	1.23um				TOA	63.04	32	eP	12 23.10	-0.3	DBO	3.93	45	P	03 59.64	-0.5
	13s	1.05um				BWA	64.09	163	iPd	12 31.30	0.8	LBFM	4.01	75	eP	04 01.55	0.2
TIY	17.99	308	Pc	06 07.90	1.3	CAN	65.09	163	eP	12 37.00	0.0						
	14s	4.17um				CNB	65.18	163	eP	12 38.00	0.4	LMEM	4.17	86	eP	04 03.67	0.1
	11s	1.46um				BFD	65.50	169	iPc	12 38.00	-0.7	RNO	4.29	34	P	04 04.67	-0.5
	13s	1.77um					0.5s	8.00nm		5.1mb		HSO	4.30	42	P	04 04.59	-0.7
		pP	06 19.00			TOO	66.43	167	iPd	12 46.00	0.5	ORV	4.33	99	ePn	04 04.26	-1.5
		S	09 27.50				1.0s	38.00nm		5.4mb							
MHC	20.22	315	Pd	06 31.40	-1.0	KEV	68.77	339	iP	13 11.50	11.7X	JEGM	4.57	127	eP	04 07.25	-1.9
	1.2s	24.00nm					0.8s	22.00nm				HMR	4.63	117	eP	04 09.97	0.0
	14s	1.18um				OBN	69.78	322	eP	13 16.00	9.8X	HBO	4.92	44	P	04 14.24	0.1
	15s	0.85um										FBO	5.12	39	P	04 16.76	-0.2
	14s	0.59um				KAF	72.12	331	iP	13 19.50	-0.7	GCC	5.17	129	iPd	04 15.64	-2.0
GYA	20.98	272	iPd	06 40.40	-0.1		1.0s	18.20nm		5.0mb		COE	5.22	125	eP	04 16.99	-1.4
	1.2s	73.00nm				NUR	73.54	330	iP	13 28.30	-0.2	ARN	5.25	124	eP	04 17.38	-1.5
	14s	1.41um					0.9s	21.30nm		5.1mb							
	10s	0.71um				YKA	76.51	26	eP	13 44.70	-0.9	TCO	5.48	46	P	04 21.85	-0.4
	10s	0.82um					0.8s	6.40nm		4.7mb		SSOR	5.59	36	P	04 23.51	-0.2
BTO	21.06	313	eP	06 53.00	54kmX	UPP	76.91	331	iP	13 47.40	-0.3	CMB	5.67	112	eP	04 25.39	0.6
	13s	0.74um				HFS	78.39	333	eP	13 55.20	-0.7	BPO	5.81	41	P	04 26.59	-0.2
	13s	0.58um					0.3s	0.70nm		4.1mb		KMOR	5.85	25	P	04 27.30	0.1
YSS	21.71	24	iPc	06 46.00	-1.4		Z	15s	125.00um		7.4MszX	GT2	5.91	35	P	04 27.78	-0.3
	1.0s	20.00nm				NAO	79.10	334	P	13 58.00	-1.0	PRS	6.02	131	iPd	04 27.15	-2.4
CD2	23.27	284	Pd	07 01.80	-1.2		0.9s	7.90nm		4.7mb		GMO	6.05	46	P	04 29.44	-0.7
	1.0s	59.00nm				CSS	79.85	304	eP	14 15.00	10.5X	PGO	6.08	32	P	04 30.76	0.3
	12s	3.41um				OJC	81.08	322	eP	14 11.40	0.8	TDH	6.23	36	P	04 32.75	0.1
LZH	23.06	297	eP	07 09.30	0.5							NLO	6.27	23	P	04 33.55	0.4
	1.5s	70.00nm				KSP	82.59	324	ePc	14 19.50	1.0	VIPM	6.28	47	P	04 32.97	-0.4
	14s	1.28um										CROR	6.39	42	P	04 34.11	-0.8
	12s	1.09um				ZST	83.68	322	e(P)	14 25.70	1.6	VFP	6.40	30	P	04 35.30	0.2
KMI	24.70	270	Pc	07 17.50	0.3	BRG	83.78	325	eP	14 25.50	1.0	VLL	6.41	36	P	04 35.03	-0.2
	1.5s	80.00nm					1.3s	23.00nm		5.2mb		RVW	6.55	27	P	04 37.78	0.7
	13s	0.90um				CLL	83.99	326	iPc	14 26.50	0.9	LVP	6.60	29	P	04 37.56	-0.3
		pP	07 30.50				1.4s	29.00nm		5.3mb		MTMW	6.64	30	P	04 37.81	-0.6
GTA	27.78	303	P	07 44.50	-1.0							BMW	6.68	23	eP	04 38.28	-0.7
	2.5s	59.00nm				PRU	84.00	324	P	14 26.50	0.8	FL2	6.73	29	P	04 39.47	-0.3
	15s	1.44um					1.0s	4.60nm		4.6mb		JLK	6.77	30	P	04 39.81	-0.3
	15s	0.82um										SHW	6.77	29	iPc	04 40.41	0.1
CHG	29.96	260	iPc	08 05.00	-0.1	VAY	84.19	314	eP	14 27.40	0.6	HSR	6.78	30	P	04 40.16	-0.2
	1.3s	43.27nm				SKO	84.56	315	iP	14 29.60	0.9	CDFW	6.78	31	P	04 39.77	-0.6
LAT	37.77	152	eP	09 11.50	-0.8							REMW	6.80	30	P	04 40.75	0.0
GUN	39.04	281	P	09 23.62	0.2	GEC2	85.13	324	ePd	14 30.20	-1.3	YEL	6.80	30	P	04 40.64	-0.1
PKI	39.52	281	P	09 26.70	-0.6		1.0s	2.94nm		4.4mb		ESD	6.81	30	P	04 40.50	-0.3
KKN	39.59	281	P	09 26.92	-0.9							GULW	6.81	34	P	04 40.95	0.2
DMN	39.77	281	P	09 27.48	-1.9							STD	6.82	29	P	04 41.10	0.2
GKN	40.11	282	P	09 31.46	-0.5							MMPM	6.82	111	eP	04 42.28	1.0
ELT	41.17	321	eP	09 41.80	1.7							ERK	6.83	28	P	04 40.77	-0.3
	2.0s	20.00nm				SES	85.34	34	ePd	14 32.00	-0.5	MEMM	6.86	111	eP	04 43.43	2.0
TIK	44.05	359	eP	10 03.00	-0.4							VGB	6.88	40	eP	04 41.09	-0.6
	2.0s	24.00nm				GRF	85.88	325	eP	14 41.00	5.9X	CZM	6.88	27	P	04 42.03	0.3
		e	10 10.00				Z	21s	0.10um		4.2MszX	PHAM	6.93	129	eP	04 39.82	-2.6
NRI	48.35	341	ePd	10 41.00	3.5X	KBA	86.39	322	i(P)	14 40.90	3.0X	PKEM	6.95	126	eP	04 40.94	-1.8
	2.0s	33.00nm					1.4s	15.80nm		5.1mb		ASR	6.99	33	P	04 43.16	-0.2
HYB	48.47	269	eP	10 39.00	-0.2	FCC	86.40	21	eP	14 41.50	4.0X	KVN	7.01	98	eP	04 43.39	-0.4
MBL	49.53	193	iPd	10 42.20	-4.9X	LRM	87.44	38	eP	14 43.50	0.4	KOSW	7.02	29	P	04 43.83	0.2
	0.6s	19.00nm				TNP	89.17	47	eP	14 51.60	0.1	LMW	7.16	27	P	04 45.10	-0.5
CTA	49.92	160	P	10 50.70	0.6		1.6s	14.85nm		5.1mb		CPW	7.16	22	P	04 45.48	-0.2
BRVK	50.48	317	eP	10 53.00	-1.1	HVU	89.73	42	eP	14 55.08	1.0	MRCM	7.17	110	eP	04 47.25	1.3
	1.1s	11.00nm				BW06	90.97	40	ePd	15 00.13	0.3	GL2	7.18	37	P	04 45.53	-0.4
	16s	0.51um					1.0s	7.99nm		5.0mb		BONR	7.20	107	eP	04 47.43	0.9
	16s	0.30um				DAU	91.48	42	ePd	15 03.57	1.2	MTUM	7.27	112	eP	04 48.99	1.7
	16s	0.40um				MSU	92.10	44	eP	15 06.30	1.2	JBO	7.32	44	P	04 47.46	-0.4
GBA	50.96	265	P	10 59.50	1.4	ULM	92.38	28	eP	15 07.50	1.7	GLK	7.32	31	P	04 47.62	-0.3
												LON	7.40	29	ePc	04 48.33	-0.7
												REMR	7.45	29	P	04 49.77	0.0
												WPW	7.46	30	P	04 49.29	-0.6
												RVC	7.51	28	P	04 51.06	0.6

RCS	7.53	29	P	04	50.94	-0.2
BCH	7.56	131	ePc	04	48.77	-2.6
			Sg	06	14.53	
FMW	7.60	29	P	04	51.85	-0.1
PATW	7.64	42	P	04	51.85	-0.4
NAC	7.78	33	P	04	53.94	-0.3
GMW	7.78	22	eP	04	53.61	-0.7
GSM	7.79	27	P	04	54.61	0.1
HDW	7.80	20	P	04	54.29	-0.3
MXC	7.89	36	P	04	55.47	-0.3
TNP	7.96	104	eP	04	58.22	1.2
RMW	8.01	26	eP	04	57.28	-0.3
RSW	8.08	40	P	04	58.33	-0.2
ISA	8.24	122	eP	04	59.30	-1.5
			Lg	06	32.91	
LNOR	8.42	47	P	05	02.40	-0.9
JCW	8.61	23	P	05	06.10	0.2
ETW	8.68	32	P	05	06.60	-0.3
MCW	8.81	18	eP	05	08.46	-0.2
GSC	9.55	119	eP	05	18.25	-0.7
DPW	9.80	37	ePc	05	21.92	-0.4
PEC	10.20	126	(P)	05	25.83	-2.0
NEW	10.59	39	eP	05	33.13	-0.1
HVU	10.85	78	eP	05	37.38	0.5
DUG	10.86	86	eP	05	37.91	0.8
ARUT	10.88	99	(P)	05	39.17	1.9
PTI	11.25	72	(P)	05	43.84	1.5
MSU	11.64	94	eP	05	48.96	1.2
LRM	11.95	58	eP	05	51.50	-0.5
DAU	12.03	85	eP	05	54.79	1.7
EMUT	12.43	87	eP	05	59.97	1.5
SRU	12.77	90	eP	06	04.12	1.2
BW06	13.30	74	eP	06	09.98	0.0
PV09	13.96	92	eP	06	23.03	4.3X
PV08	14.32	91	eP	06	22.09	-1.3
SES	15.01	43	eP	06	32.00	-0.1
GOL	16.60	85	eP	06	54.56	1.6
	1.0s	33.67nm			4.4mb	
ALO	17.16	102	eP	07	02.63	2.7
	1.2s	52.25nm			4.5mb	
RSSD	17.41	70	eP	07	01.99	-1.1
	0.9s	15.61nm			4.1mb	
ACO	22.08	91	iPc	07	56.40	1.2
WMOK	23.04	95	eP	08	05.75	1.1
	1.1s	20.44nm			4.6mb	
Z	19s	0.34um			3.8Msz	
YKA	23.37	15	eP	08	08.10	0.6
	1.1s	5.90nm			4.1mb	
ULM	23.86	55	eP	08	16.50	4.0X
KLU	24.07	338	eP	08	14.31	-0.2
SIO	24.56	91	e(P)	08	22.20	2.8
TOA	24.64	338	eP	08	21.30	1.4
LNO	24.90	90	eP	08	24.80	2.3
LNO2	24.90	90	eP	08	25.10	2.5
LNO3	24.90	90	e(P)	08	25.20	2.6
PMR	25.14	335	eP	08	25.50	0.9
	1.2s	100.20nm			5.4mb	
VVO	25.14	92	e(P)	08	26.40	1.5
CRP	25.94	332	(P)	08	32.25	-0.1
UYO	26.55	93	iPd	08	39.20	1.1
MIAR	27.08	92	eP	08	43.57	0.7
	1.7s	45.60nm			4.9mb	
Z	20s	0.37um			3.9Msz	
FBA	27.32	341	eP	08	45.50	0.7
	1.7s	86.10nm			5.2mb	
FCC	27.76	37	eP	08	52.50	3.7X
			pP	09	04.40	4.4kmX
OLY	28.34	88	(P)	08	54.49	0.2
FVM	28.35	83	eP	08	54.33	0.0
	1.0s	6.76nm			4.4mb	
Z	18s	1.35um			4.6Msz	
TTA	28.40	332	eP	08	54.90	0.2
IMA	29.80	338	eP	09	06.90	-0.4
	0.9s	14.60nm			4.8mb	
HON	32.44	243	P	09	40.00	9.2X
Z	21s	0.37um			4.0Msz	
MBC	36.11	3	eP	10	02.00	0.2
	1.0s	7.00nm			4.5mb	
LHS	36.84	84	(P)	10	07.82	-0.6
RSNY	38.40	66	P	10	30.00	8.6X
Z	21s	0.46um			4.3Msz	
HRV	41.01	68	P	10	50.00	7.0X
Z	22s	0.21um			4.0Msz	
CBM	42.24	61	P	11	00.00	7.0X
Z	20s	0.45um			4.4Msz	
SIV	82.96	118	P	15	30.00	5.0X
OBN	83.86	9	eP	15	26.00	-3.0X

		e		15 38.00	
S.D. = 1.0		on		128 of 137 obs.	
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& NOV 27, 1992		20h 15m		20.49s	
34.345 N				116.903 W	
DEPTH = 2.9km					
SOUTHERN CALIFORNIA				(43)	
<PAS-P>. ML 3.6 (PAS), 3.4 (GS).					
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PEC	0.50 205	iPd	15 29.99	-0.5	
SSK	0.67 259	iPc	15 33.08	-0.8	
GSC	0.96 5	iPc	15 38.35	-1.1	
PLM	0.99 178	iPd	15 39.08	-1.0	
		S	15 52.63		
ISA	1.84 316	ePn	15 51.43	-1.9	
ABL	1.98 285	ePn	15 53.66	-1.8	
GLA	2.16 126	ePn	15 55.69	-2.2	
BCH	2.75 289	ePn	16 04.38	-2.1	
MTUM	3.29 336	ePn	16 14.72	0.5	
		ePg	16 21.48		
		eS	17 03.75		
MRCM	3.56 339	ePn	16 17.91	-0.2	
MMPM	3.69 333	ePn	16 20.33	0.4	
		ePg	16 27.99		
MEMM	3.70 334	ePg	16 29.09	9.3	
TNP	3.74 356	ePn	16 20.64	0.1	
BONR	3.78 343	(Pn)	16 21.23	0.0	
		ePg	16 31.58		
ARUT	4.43 38	ePn	16 29.06	-1.3	
CMB	4.64 324	eP	16 33.49	0.4	
ARN	4.81 310	(P)	16 38.39	2.8	
MSU	5.64 41	(P)	16 45.51	-2.1	
18 obs. associated					
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% NOV 27, 1992		20h 18m		38.95± 1.97s	
38.085 N ±11.2km				27.119 E ±21.5km	
DEPTH = 5.0km				(geophysicist)	
TURKEY				(366)	
MD 3.1 (ISK).					
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IZM	0.33 20	iPg	18 44.10	-1.5	
		eSg	18 50.10		
YER	1.32 135	ePn	19 03.50	-0.4	
EZN	1.85 341	ePn	19 11.50	0.0	
DST	1.92 37	ePn	19 14.00	1.3	
KCT	2.37 24	ePn	19 19.70	0.6	
S.D. = 1.5		on		5 of 5 obs.	
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NOV 27, 1992		20h 41m		33.28± 1.12s	
15.910 N ± 6.7km				61.187 W ±15.1km	
DEPTH = 102.6 ± 10.5 km					
LEEWARD ISLANDS				(92)	
MD 3.4 (TRN), 3.1 (FDF).					
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MGG	0.13 274	iPc	41 47.96	-0.8	
		S	41 57.40		
SFG	0.34 359	iPc	41 48.86	0.3	
PAG	0.49 284	eP	41 49.52	0.0	
		S	42 01.50		
SEG	0.58 328	iPc	41 50.38	0.3	
MDN	0.62 199	iP	41 50.75	0.3	
		eS	42 04.30		
DPMT	0.67 196	iP	41 51.38	0.5	
		eS	42 05.42		
DTMT	0.69 193	eP	41 50.80	-0.3	
		eS	42 04.25		
FDF	1.17 178	iPd	41 56.13	0.0	
		S	42 12.40		
CRM	1.18 167	iPd	41 56.07	-0.1	
		S	42 12.30		
MGH	1.27 309	eP	41 57.39	0.1	
		S	42 15.50		
BPA	1.30 330	eP	41 57.39	-0.2	
MVM	1.38 168	iPd	41 58.52	0.0	
		S	42 17.30		
BIM	1.39 175	iPd	41 59.04	0.3	
		S	42 17.90		
NEV	1.80 313	eP	42 04.00	0.1	
SLW	1.89 173	eP	42 05.35	0.2	
		eS	42 28.55		
SVV	2.58 181	eP	42 14.27	0.1	
SVB	2.62 181	eP	42 14.22	-0.6	
		eS	42 47.83		
S.D. = 0.4		on		17 of 17 obs.	
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NOV 27, 1992		20h 49m		05.60± 1.14s	
13.327 S ± 8.5km				76.536 W ±10.0km	

DEPTH = 63.3 ± 10.1 km 4.8mb (12 obs.) NEAR COAST OF PERU Felt (III) at Lima. (115)						
NNA	1.36	347	iPc	49	28.70	-0.3
	0.5s	105.63nm	e	49	41.50	-0.4
ARE	5.79	123	eP	50	23.00	-8.2X
			iS	51	41.50	
ZOBO	8.64	111	P	51	11.00	-0.1
LPB	8.75	112	P	51	13.80	1.3
	1.0s	160.00nm				5.9mb X
CNCB	8.96	114	P	51	15.00	-0.4
CCH	10.80	113	P	51	38.70	-1.6
SIV	15.19	102	eP	52	40.00	2.0
PEL	20.44	166	iPc	53	40.00	-0.3
	0.9s	36.13nm				4.7mb
MDZ	20.69	161	i(P)	53	43.30	0.4
RFA	22.57	162	ePc	54	01.30	-0.3
UYO	50.21	341	iPd	57	57.20	0.0
LNO2	52.25	340	eP	58	11.30	-1.2
WMOK	52.26	337	eP	58	11.17	-1.6
	0.8s	5.70nm				4.7mb
ACO	54.13	338	iPc	58	26.00	-0.5
ALO	55.77	330	ePc	58	37.91	-0.7
	1.0s	7.58nm				4.7mb
ARUT	61.51	327	ePc	59	19.29	0.8
EMUT	61.74	330	eP	59	20.26	0.2
DAU	62.42	331	ePc	59	25.07	0.4
RSSD	62.42	338	eP	59	24.28	-0.2
	0.5s	2.52nm				4.6mb
ABL	62.73	321	(P)	59	26.99	0.3
DUG	63.01	329	eP	59	28.91	0.6
	0.6s	6.00nm				4.8mb
BW06	63.52	333	eP	59	30.34	-1.5
	0.7s	2.94nm				4.4mb
TNP	63.78	325	eP	59	34.42	0.9
	0.7s	8.46nm				4.9mb
HVU	64.20	331	eP	59	36.09	-0.1
BONR	64.30	324	eP	59	38.38	1.3
ULM	65.54	346	eP	59	46.00	1.6
ORV	67.22	324	ePc	59	56.64	1.3
SES	70.28	337	eP	00	14.00	-0.1
		pP	00	19.00		16kmX
NEW	71.12	333	eP	00	18.96	-0.3
	0.8s	13.32nm				4.9mb
		e	00	34.86		
FCC	73.25	351	eP	00	48.50	17.0X
LIC	73.60	79	P	00	33.40	-1.1
TIC	73.73	79	P	00	34.20	-1.0
KIC	73.91	79	P	00	35.20	-1.1
	0.8s	17.00nm				5.0mb
NVL	76.98	160	eP	00	53.00	0.3
YKA	81.20	343	eP	01	14.30	-1.3
	0.8s	5.90nm				4.6mb
MAL	84.05	50	eP	01	33.00	2.2
KLU	92.09	333	eP	02	09.11	0.3
MBC	92.95	351	eP	02	13.50	1.1
	0.7s	6.00nm				5.1mb
BCAO	95.93	87	iPc	02	27.00	-0.5
	0.9s	5.00nm				5.0mb
		id	02	43.80		
ASPA	132.69	219	ePKP	08	15.30	-0.4
	0.9s	4.40nm				
BJI	151.14	340	ePKP	08	53.50	6.3X
	1.0s	22.00nm				
NDI	151.22	54	iPKPc	08	54.00	6.3X
GBA	154.69	86	PKP	09	02.00	9.2X
S.D. = 1.0 on 38 of 43 obs.						

NOV 27, 1992 21h 09m 16.67± 0.18s 37.473 N ± 4.5km 59.857 E ± 2.5km DEPTH = 24.4km (13 depth poses) 5.1mb (73 obs.) 5.1msz (27 obs.) TURKMENISTAN-IRAN BORDER REGION (341) Felt (VI) at Ashkhabad, Turkmenistan. Felt at Moshhad, Iran. CENTROID, MOMENT TENSOR (HRV) Data Used: GDSN L.P.B.: 19S, 29C Centroid Location: Origin Time 21:09:16.6 0.6 Lat 37.36N 0.07 Lon 59.77E 0.04 Dep 24.0 FIX Half-duration 1.1 Moment Tensor: Scale 10**16 N						

Mrr= 1.67 0.38	Mtt=-5.18 0.67	pP	14 17.00	27km	GZR	28.70 298 ePd	15 20.00	6.1)
Mff= 3.50 0.40	Mrt=-3.52 0.86	sP	14 23.50		VAY	28.92 289 eP	15 15.50	-0.3
Mrf=-1.62 0.63	Mtf= 9.09 0.33	PP	14 35.50		PUL	29.21 329 (P)	15 22.00	3.8)
Principal Axes:		S	18 07.00			2.2s 200.00nm		5.5mb
T Val= 10.46	Plg=21 Azm=124	sS	18 14.50			e	16 12.00	254km)
N 0.80	67 277	PcP	18 15.00			iPPP	16 23.00	
P -11.27	10 31	SS	18 43.00			e	18 32.00	
Best Double Couple:Mo=1.1+10+17		ScP	21 46.50		UZH	29.34 304 eP	15 24.00	4.5)
NP1:Strike=166	Dip=68 Slip= 172	eP	14 14.50	2.7X		2.0s 220.00nm		5.6mb
NP2: 259	82 22	eP	14 16.30	2.3	Z	16s 1.40um		4.7Msz)
		iPc	14 12.70	-3.2X	E	16s 2.00um		
MAIO	1.21 194 iPnd	iS	18 44.00			e	16 33.50	377km)
	eSn	eP	14 20.00	2.2	OHR	30.27 289 eP	15 26.00	-2.0
ASH	1.29 292 iPc	Pc	14 18.42	-0.7	PSZ	30.86 303 eP	15 37.10	4.0)
	1.0s *****nm	GPA	23.13 286 eP	-2.8	GTA	31.18 74 P	15 36.50	0.4
	iS	BCK	23.19 279 eP	0.1		1.2s 14.00nm		4.7mb
KAT	3.31 303 iP+	EYL	23.23 287 eP	-4.9X	Z	18s 3.43um		5.1Msz
	eS	ALT	23.37 283 eP	-0.2		S	20 42.00	
TEH	7.03 258 eP	DMN	23.39 108 Pc	-0.3	OJC	31.19 307 eP	15 34.60	-1.3
BAK	8.29 294 eP	KKN	23.43 107 Pc	-0.4		e	15 40.50	21km
	iS	MOS	23.63 328 iPc	0.5		e	15 44.20	
SHE	9.28 293 iPc+		1.8s 590.00nm	5.8mb		i	16 29.90	
	0.6s 600.00nm	Z	18s 3.60um	4.9Msz	BUD	31.41 302 e(P)	15 41.80	4.0)
	i		e	14 53.00	SRO	31.91 302 eP	15 43.10	0.9
QUE	9.36 139 eP		ePPP	15 12.00		i	15 50.90	27km
	eS		eS	18 36.00		i	17 09.60	
TAB	10.73 277 eP		eSS	19 24.00	NUR	31.99 327 iP	15 42.00	-0.8
	e		eSSS	19 44.00		eS	20 48.00	
KER	10.80 257 eP	PKI	23.64 107 Pc	-0.2	MOY	32.09 50 eP	15 44.10	0.4
GRO	12.29 303 iPd		0.8s 177.00nm	5.6mb	KAF	32.17 331 iP	15 43.80	-0.6
	1.0s 400.00nm	OBN	23.67 326 iPc+	0.6		0.9s 13.90nm		4.9mb
N	14s 15.00um	Z	16s 37.00nm	4.9mb	ZST	32.74 303 eP	15 48.70	-0.8
MTA	12.36 295 iP		4.40um	5.0MszX		i	15 57.40	30km
FRU	12.49 60 ePd	N	14s 3.00um			e	17 03.10	
KSH	12.79 76 P	E	16s 1.80um			e	25 02.00	
	0.5s 70.00nm		e	15 02.00		e	25 22.10	
Z	60s 19.40um		e	18 09.00		e	39 26.70	
N	16s 43.10um		iS	18 38.00	VRAC	33.15 305 eP	16 00.40	7.4)
E	12s 13.60um		eSS	19 28.00		2.1s 335.00nm		5.9mb
DHR	13.85 219 ePd	GUN	23.82 106 Pc	-0.1	VKA	33.27 303 e(P)	15 54.00	-0.1
PYA	14.31 302 iPc+	YLV	23.83 287 eP	0.5		2.0s 269.00nm		5.8mb
	1.0s 500.00nm	ELL	23.85 277 iP	1.7		i	16 02.60	30km
Z	15s 2.50um	KHL	23.91 281 iP	1.5		i	16 24.80	
	i	ITU	24.08 288 eP	9.0X	ZAK	33.35 53 ePd	15 55.50	0.8
TLG	14.55 61 eP	ELT	24.16 41 iPd	-0.8		1.6s 17.00nm		4.7mb
PRZ	15.06 65 eP		1.8s 219.00nm	5.4mb	Z	13s 9.80um		5.7Msz)
	1.0s 80.00nm	Z	13s 7.70um	5.4MszX	N	13s 1.33um		
	eS	N	14s 4.20um		E	13s 9.60um		
SOC	16.47 298 eP	E	11s 5.10um			eS	21 16.00	
MJMA	16.94 231 ePd		e	18 53.00	ZAG	33.48 299 eP	15 58.20	2.3
NDI	16.97 116 iPc	KMTA	24.33 222 eP	4.0X	KSP	33.49 308 ePc	16 01.20	5.3)
	0.8s 246.27nm	DST	24.46 285 iP	0.2	PTJ	33.49 299 eP	16 00.10	4.0)
	eS	KCT	24.62 286 eP	0.9	APA	33.62 342 iPc	15 56.50	-0.3
RYD	17.01 225 ePd	KIS	24.71 303 iPc+	-1.0	VBY	34.00 298 eP	16 05.00	4.6)
	iS	Z	16s 2.50um	4.8MszX	AAE	34.14 219 eP	16 10.50	8.3)
BRVK	17.20 22 iPd		i	15 13.00	MGR	34.36 288 P	16 02.90	-0.7
	1.5s 235.00nm	PSN	24.75 294 eP	12.6X	SGO	34.48 289 Pd	16 04.70	0.2
GAZ	18.01 276 eP	HLW	24.85 261 eP	8.4X	LJU	34.48 299 e(P)	16 04.60	0.0
ANN	18.49 301 eP	BNT	24.95 287 iP	0.8		e	16 08.50	13km)
	2.0s 600.00nm	EDC	24.99 287 iP	0.2	PRU	34.53 306 P	16 12.70	7.8)
Z	12s 1.50um	DMK	25.01 290 eP	0.1		1.6s 28.00nm		4.9mb
N	15s 2.30um	CLI	25.69 301 eP	1.6	Z	15s 1.00um		4.7Msz)
E	15s 2.50um	HYB	25.88 135 eP	-0.1		e	17 07.50	275km)
KVT	18.77 288 iP		1.2s 142.90nm	5.5mb		e	21 56.00	
ARU	18.95 358 iPc	JMB	25.88 292 eP	2.9X	UPP	34.88 324 iP	16 07.80	0.0
Z	14s 4.50um	VRI	25.98 299 eP	0.9	VOY	34.93 299 eP	16 08.20	-0.3
	e	ISR	26.03 298 eP	2.9X		e	16 11.30	11km)
SVE	19.35 1 ePc	EZN	26.21 286 eP	0.3	BRG	34.97 307 eP	16 10.80	2.1
	2.5s 380.00nm	CVO	26.36 299 eP	1.4		i	16 16.00	18km
Z	14s 7.00um	MLR	26.49 298 ePd	2.1	BSD	34.98 315 eP	16 13.00	4.3)
N	13s 5.00um	DIM	26.67 291 eP	0.6		1.3s 96.00nm		5.6mb
E	13s 2.50um	KDZ	26.77 290 eP	9.7X	LZH	35.02 79 eP	16 05.50	-4.0)
	eS	PVL	26.80 293 eP	2.4		1.8s 30.00nm		4.9mb
BHL	19.97 267 P	CMP	27.10 298 ePd	1.6	Z	20s 2.22um		4.9Msz
	S	LSA	27.11 97 iPc	0.3	N	11s 2.19um		
HRI	20.09 265 eP		1.2s 17.00nm	4.6mb	GEC2	35.03 304 eP	16 08.90	-0.5
KAS	20.50 289 iPd	PLD	27.28 291 eP	-1.0		1.0s 3.47nm		4.2mb
SIM	20.70 299 iP+	RZN	27.29 290 eP	0.7		e	16 15.50	22km
	eS	MNK	27.58 317 eP	4.4X		e	16 18.00	
JVI	20.87 262 eP	PGB	27.67 292 eP	-0.6		e	16 24.30	
FAM	20.98 271 eP	UER	27.88 49 eP	-0.5		e	16 30.20	
CSS	21.53 271 eP		1.3s 20.00nm	4.7mb		e	16 33.40	
BOM	21.71 145 iPc	MMB	28.04 290 eP	1.1		e	16 38.80	
	eS	VTS	28.37 292 eP	0.9		e	16 43.70	
WMQ	21.99 65 P	BMR	28.41 303 ePc	5.8X		e	16 45.30	
	0.6s 72.00nm	GBA	28.47 142 P	0.4		e	17 43.90	
Z	14s 4.69um	DEV	28.64 299 ePc	8.7X	TRI	35.03 298 eP	16 16.70	7.4)

* NOV 27, 1992 21h 19m 20.06 \pm 1.45s
2.444 N \pm 9.4km 128.718 E \pm 17.2km
DEPTH = 79.0 \pm 13.2 km

4.8mb (8 obs.)
HALMAHERA, INDONESIA (267)

DAV 5.58 326 eP 20 42.00 -0.3
BIP 6.25 337 eP 20 47.00 -4.6X
CGP 7.19 326 eP 21 05.00 0.4
eS 22 13.50
MKS 11.97 231 ePc 22 20.00 10.5X
GIS 25.23 155 eP 24 41.00 0.7
eS 3.00nm 4.2mb
ASPA 26.44 169 iPd 24 51.60 0.1
0.7s 6.30nm 4.3mb
CHG 33.38 301 eP 25 53.00 -0.2
KMI 33.69 314 eP 25 55.00 -1.1
MRWA 33.76 200 eP 25 55.00 -1.3
0.4s 2.00nm 4.4mb

STK 36.26 161 eP 26 22.20 4.7X
XAN 36.47 332 P 26 19.00 -0.3
0.6s 5.10nm 4.6mb
pP 26 29.70 37kmX
CD2 36.85 323 eP 26 22.50 -0.1
TIY 38.15 339 eP 26 32.50 -1.0
BJI 39.12 345 eP 26 41.00 -0.4
LZH 40.62 328 eP 26 55.00 1.0
1.4s 39.00nm 5.1mb

LSA 44.77 311 iPc 27 30.00 1.7
GUN 48.08 306 P 27 54.36 0.1
0.6s 25.00nm 5.3mb
PKI 48.33 305 P 27 55.72 -0.4
KKN 48.52 306 P 27 57.06 -0.4
0.5s 14.00nm 5.2mb
DMN 48.59 305 P 27 57.98 -0.1
0.6s 14.00nm 5.1mb
HYB 51.42 290 eP 28 20.00 0.5
GBA 51.86 285 P 28 23.70 0.8
MAIO 71.86 307 eP 30 37.00 0.2

S.D. = 0.8 on 20 of 23 obs.

• NOV 27, 1992 21h 27m 18.46±2.22s
37.118 N ±17.5km 28.022 E ±14.8km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.5 (ISK).

YER 0.21 85 iPn 27 22.50 -0.5
CIN 0.48 6 iPd 27 26.00 -2.3
IZM 1.41 335 ePn 27 44.20 0.0
ELL 1.56 103 iPn 27 46.20 -0.1
BCK 2.08 80 ePn 27 53.20 -0.6
ALT 2.54 40 ePn 28 02.00 1.5
EZN 3.01 334 ePn 28 06.50 -0.5
KCT 3.14 5 ePn 28 10.00 1.2
YLV 3.60 17 ePn 28 17.00 1.5

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

? NOV 27, 1992 21h 29m 51.13±3.36s
37.043 N ±22.7km 27.530 E ±22.4km
DEPTH = 10.0km (geophysicist)

TURKEY (366)
MD 3.4 (ISK).

YER 0.61 81 iPg 30 02.50 -1.0
eSg 30 14.50
CIN 0.71 38 ePg 30 05.00 -0.1
iSg 30 17.00
IZM 1.37 351 ePn 30 15.20 -1.1
ELL 1.93 98 ePn 30 25.20 0.8
BCK 2.48 79 ePn 30 32.00 -0.2
DST 2.70 18 ePn 30 37.00 1.6

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

? NOV 27, 1992 21h 39m 31.16±3.56s
51.196 N ±28.6km 15.905 E ±22.2km
DEPTH = 5.0km (geophysicist)

POLAND (548)

BRG 1.28 256 iPg 39 55.40 0.1
iSg 40 15.20
PRU 1.49 216 Pn 39 58.50 -0.1
0.4s 11.30nm
Pg 40 00.00
Sn 40 17.30
Sg 40 22.20
e 40 31.00
CLL 1.83 275 iPn 40 03.40 0.0

iPg 40 05.50
iSg 40 31.10
VRAC 1.94 167 ePn 40 05.10 0.0
0.2s 3.90nm
eSn 40 36.50
GEC2 2.75 212 Pn 40 13.60 -3.2X
Pg 40 22.80
Sg 41 07.90
MOX 2.77 260 ePg 40 23.70 6.7X
iSg 41 03.50
S.D. = 0.1 on 4 of 6 obs.

NOV 27, 1992 21h 48m 45.00±1.28s
40.325 S ±5.7km 173.582 E ±5.8km
DEPTH = 196.3 ±14.6 km

COOK STRAIT, NEW ZEALAND (163)

DIW 0.54 152 Pd 49 11.70 -0.1
ORZ 0.95 238 Pc 49 14.20 -0.1
S 49 32.40
TCW 1.03 150 P 49 14.80 0.0
KIW 1.15 118 P 49 15.40 -0.3
MRW 1.25 137 Pc 49 16.40 -0.1
S 49 35.90
WEL 1.32 137 P 49 17.00 0.0
S 49 37.00
CAW 1.37 125 P 49 17.50 -0.1
MNG 1.48 102 Pc 49 18.60 0.1
S 49 39.50
THZ 1.53 199 eP 49 18.60 -0.4
eS 49 40.60
MOW 1.67 131 P 49 20.30 0.0
MTW 1.68 120 Pc 49 20.40 0.0
BLW 1.77 127 Pc 49 21.40 0.1
CNZ 1.89 54 P 49 22.50 0.0
AMW 1.92 121 P 49 23.00 0.2
NGZ 1.93 54 P 49 22.90 -0.2
DSZ 1.96 223 P 49 23.60 0.4
MOZ 2.05 28 P 49 24.10 0.0
eS 49 51.30
PGZ 2.07 99 P 49 24.50 0.2
KHZ 2.09 181 P 49 25.00 0.5
S 49 51.00
LTZ 2.65 201 P 49 31.30 0.5
S 50 01.80
MOZ 3.45 191 eP 49 39.30 -1.0
S 50 17.50

S.D. = 0.4 on 21 of 21 obs.

NOV 27, 1992 21h 50m 27.84±0.47s
2.383 N ±6.1km 128.405 E ±12.7km
DEPTH = 33.0km (normal)

4.8mb (19 obs.) 4.1Msz (1 obs.)
HALMAHERA, INDONESIA (267)

BIP 6.19 340 eP 51 54.00 -5.3X
CGP 7.07 329 eP 52 15.00 3.3X
MKS 11.69 230 iPd 53 23.50 8.1X
MBL 24.86 199 eP 55 45.50 -3.4X
GZH 25.23 326 Pd 55 59.40 6.9X
ASPA 26.44 169 eP 55 43.70 -20.0X
0.9s 3.10nm
ASPA 26.44 169 iPd 56 03.40 -0.3
0.6s 14.30nm 4.8mb
NANU 27.80 206 eP 56 17.00 1.0
MEEK 30.36 198 eP 56 36.50 -2.6X
KMI 33.51 315 eP 57 05.00 -1.9
MRWA 33.60 200 eP 57 06.50 -0.8
0.4s 4.00nm 4.7mb
BAL 34.65 198 eP 57 16.00 -0.4
0.4s 5.00nm 4.8mb
MAT 35.18 14 eP 57 17.00 -3.8X
0.7s 4.79nm 4.5mb
Z 20s 0.35um 4.1Msz
eS 03 44.00
KLB 35.27 196 iPc 57 21.30 -0.4
0.4s 8.00nm 5.0mb
MUN 36.08 198 eP 57 28.00 -0.5
STK 36.30 161 eP 57 34.20 3.8X
XAN 36.37 332 P 57 30.40 -0.6
1.0s 7.80nm 4.6mb
pP 57 44.60 54kmX
CD2 36.71 323 eP 57 34.20 0.3
TIY 38.10 339 eP 57 44.60 -0.9
Z 24s 0.54um 4.3MszX
ADE 38.39 166 e(P) 57 48.60 0.6
BJI 39.09 345 eP 57 52.50 -1.2

1.0s 11.00nm 4.6mb
ARMA 39.43 148 eP 57 57.60 0.8
0.9s 15.00nm 4.8mb
LZH 40.51 329 eP 58 06.00 0.3
1.6s 58.00nm 5.1mb
Z 12s 0.50um 4.6MszX
pP 58 16.00 34kmX
HHC 41.20 341 Pd 58 11.20 -0.1
0.8s 9.20nm 4.6mb
BTO 41.52 339 eP 58 18.80 5.0X
MDJ 42.07 1 eP 58 20.60 2.5
LSA 44.58 311 P 58 41.00 1.6
GTA 45.11 328 Pc 58 43.00 -0.1
1.2s 21.00nm 4.9mb
Z 16s 0.86um 4.8MszX
GUN 47.86 306 P 59 05.80 0.5
0.4s 63.00nm 6.0mb X
PKI 48.11 306 P 59 07.04 -0.1
0.3s 9.00nm 5.2mb
KKN 48.30 306 P 59 08.50 0.0
0.4s 13.00nm 5.4mb
DMN 48.37 305 P 59 09.00 -0.1
GKN 48.91 306 P 59 13.06 0.0
0.4s 12.00nm 5.3mb
HYB 51.15 290 ePc 59 30.60 0.4
GBA 51.58 285 P 59 34.80 1.4
WMO 54.78 325 P 59 56.80 -0.1
1.0s 21.00nm 5.1mb
pP 00 05.00 27kmX
NDI 55.25 304 eP 00 00.00 -0.5
KSH 60.14 315 P 00 36.80 1.9
MAIO 71.65 307 eP 01 49.00 0.3
IMA 82.93 24 eP 02 50.80 0.1
0.7s 4.70nm 4.7mb
OBN 89.10 325 eP 03 20.00 -1.1
1.6s 48.00nm 5.6mb
e 03 21.00
e 03 30.00
KEV 91.72 340 eP 03 36.00 3.0X
KAF 93.56 333 iP 03 40.80 -0.7
0.3s 1.30nm 4.8mb
HFS 99.98 333 eP 04 08.90 -1.9
0.4s 0.60nm 4.4mb
ZOBO 158.65 131 PKP 10 40.00 15.1X
LR 16 34.00

S.D. = 1.0 on 33 of 45 obs.

& NOV 27, 1992 22h 00m 43.32s
34.363 N 116.887 W
DEPTH = 0.0km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.8 (GS).

PEC 0.52 206 eP 00 53.24 -0.5
SSK 0.68 257 ePc 00 56.48 -0.5
eS 01 06.05
GSC 0.94 4 ePc 01 01.16 -0.9
PLM 1.01 179 ePd 01 02.20 -1.3
ISA 1.84 315 ePn 01 14.23 -2.2
ePg 01 17.22
ABL 1.99 285 ePn 01 17.83 -0.9
GLA 2.16 127 ePn 01 15.71 -5.4
MEMM 3.69 334 (Pn) 01 42.84 0.0
TNP 3.72 356 (Pn) 01 44.97 1.5
ePg 01 51.99
BONR 3.76 343 (Pn) 01 43.18 -1.0
ePg 01 54.14
ARUT 4.41 38 (Pn) 01 50.73 -2.6
MSU 5.62 41 (Pn) 02 08.00 -2.5
ePg 02 26.16

12 obs. associated

& NOV 27, 1992 22h 09m 17.42s
34.367 N 116.915 W
DEPTH = 0.1km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 2.9 (PAS), 2.8 (GS).

PEC 0.52 203 iPd 09 27.33 -0.4
S 09 34.75
SSK 0.66 257 eP 09 30.27 -0.4
GSC 0.94 6 iPc 09 35.24 -0.9
PLM 1.01 177 ePd 09 36.45 -1.2
eS 09 50.92
ISA 1.82 316 ePn 09 48.44 -1.8
ABL 1.96 285 ePn 09 51.14 -1.4
GLA 2.18 126 ePn 09 53.22 -2.3

27d 22h

MTUM 3.27 336 (Pn) 10 09.17 -1.9
 ePg 10 18.71
 MEMM 3.68 334 ePg 10 27.98 11.3
 TNP 3.72 356 (Pn) 10 17.01 -0.5
 BONR 3.75 343 ePn 10 18.29 0.2
 ePg 10 28.77
 ARUT 4.42 38 (P) 10 26.47 -1.1
 MSU 5.63 41 ePn 10 44.64 -0.1
 13 obs. associated

* NOV 27, 1992 22h 28m 32.06±1.23s
 16.251 S ±19.2km 166.349 E ±11.6km
 DEPTH = 33.0km (normal)
 4.7mb (2 obs.)
 VANUATU ISLANDS (186)

BKM 2.30 128 iPc 29 08.00 -0.4
 iS 29 37.00
 PVC 2.39 129 iPd 29 10.00 0.2
 iS 29 40.50
 DZM 5.79 179 iPd 29 58.20 0.2
 iS 31 05.20
 ASPA 31.33 251 iPc 34 51.00 -0.8
 0.4s 4.70nm 4.7mb
 NANU 48.16 254 eP 37 12.00 0.6
 0.4s 4.00nm 4.8mb
 BCAA 146.29 253 iPKPd 48 11.00 0.2
 1.3s 24.00nm
 S.D. = 0.7 on 6 of 6 obs.

* NOV 27, 1992 22h 38m 26.06s
 34.349 N 116.886 W
 DEPTH = 1.5km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.3 (PAS), 3.2 (GS).

PEC 0.51 207 eP 38 35.90 -0.3
 SSK 0.68 259 eP 38 39.08 -0.6
 GSC 0.95 4 iPc 38 43.89 -1.2
 PLM 0.99 179 ePd 38 44.72 -1.1
 S 38 58.61
 ISA 1.85 316 ePn 38 57.46 -1.7
 ABL 1.99 285 ePn 39 00.13 -1.2
 GLA 2.15 126 ePn 39 01.55 -2.0
 BCH 2.76 288 ePn 39 10.99 -1.4
 MTUM 3.29 336 ePn 39 20.41 0.5
 ePg 39 26.59
 MRCM 3.57 339 (Pn) 39 23.28 -0.6
 ePg 39 32.29
 MMPM 3.69 333 (Pn) 39 26.49 0.8
 ePg 39 33.79
 eS 40 21.32
 MEMM 3.71 334 ePg 39 35.34 9.8
 S 40 21.21
 TNP 3.73 356 ePn 39 26.00 -0.3
 BONR 3.78 343 ePn 39 26.83 -0.1
 ePg 39 36.78
 ARUT 4.42 38 ePn 39 33.83 -2.2
 CMB 4.64 323 ePg 39 50.05 11.1
 MSU 5.63 41 ePn 39 53.02 -0.1
 PV09 7.50 54 (P) 40 17.95 -1.5
 18 obs. associated

* NOV 27, 1992 23h 15m 45.41s
 34.370 N 116.881 W
 DEPTH = 3.4km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.4 (PAS), 3.3 (GS).

SSK 0.69 257 iPc 15 58.47 -0.8
 S 16 07.81
 GSC 0.93 4 iPc 16 02.78 -1.1
 PLM 1.01 179 iPd 16 04.25 -1.1
 S 16 18.36
 ISA 1.84 315 ePn 16 16.27 -1.9
 ePg 16 19.45
 Sg 16 42.08
 ABL 1.99 285 ePn 16 18.80 -1.7
 iPg 16 21.98
 GLA 2.16 127 iPnd 16 20.57 -2.2
 ePg 16 27.25
 Sg 16 55.26
 BCH 2.76 288 ePnc 16 29.57 -1.9
 PKEM 3.14 303 (P) 16 35.32 -1.3
 MTUM 3.28 336 (Pn) 16 40.06 1.3
 ePg 16 46.10
 MMPM 3.67 332 ePn 16 45.08 0.5

MEMM 3.69 334 (P) 16 45.57 1.1
 TNP 3.71 356 (P) 16 44.66 -0.4
 BONR 3.76 343 (P) 16 47.66 1.9
 ePg 16 56.24
 ARUT 4.40 38 (P) 16 53.48 -1.4
 CMB 4.63 323 ePg 17 08.50 10.7
 MSU 5.61 41 ePn 17 12.33 0.3
 ePg 17 30.96
 PV09 7.48 54 (P) 17 36.42 -1.9
 17 obs. associated

NOV 27, 1992 23h 16m 00.03±0.48s
 43.843 N ±4.3km 7.358 E ±4.5km
 DEPTH = 10.0km (geophysicist)
 NEAR SOUTH COAST OF FRANCE (379)
 ML 2.4 (LDG).

AURF 0.05 334 Pg 16 02.21 -0.1
 SBF 0.06 70 Pg 16 02.16 -0.2
 REVF 0.10 176 Pg 16 03.17 0.3
 Sg 16 05.43
 MVIF 0.16 290 Pg 16 03.85 0.1
 Sg 16 06.55
 AUTN 0.16 18 Pg 16 04.02 0.2
 Sg 16 06.71
 TOUF 0.19 335 Pg 16 04.46 0.1
 Sg 16 07.55
 SAOF 0.20 45 Pg 16 04.44 0.0
 FRF 0.59 242 Pg 16 11.60 -0.3
 Sg 16 19.50
 LMR 0.80 231 Pg 16 15.40 -0.1
 Sg 16 25.90
 LRG 0.82 242 Pg 16 16.10 0.2
 Sg 16 26.90
 S.D. = 0.2 on 10 of 10 obs.

NOV 27, 1992 23h 17m 46.29±0.51s
 41.869 S ±5.6km 172.649 E ±5.1km
 DEPTH = 115.1 ±8.8 km
 SOUTH ISLAND, NEW ZEALAND (162)

THZ 0.22 61 Pc 18 01.20 -1.0
 S 18 09.60
 DSZ 0.64 281 P 18 04.50 -0.5
 KHZ 0.86 130 Pc 18 06.90 0.1
 eS 18 20.00
 LTZ 0.96 197 P 18 08.00 1.0
 eS 18 22.50
 ORZ 1.04 355 Pd 18 08.30 -0.4
 eS 18 21.60
 TCW 1.39 62 P 18 12.90 0.5
 DIW 1.43 42 Pc 18 13.90 0.9
 MRW 1.67 68 P 18 15.90 0.1
 eS 18 35.80
 WEL 1.69 71 eP 18 16.20 0.1
 MQZ 1.84 180 P 18 18.30 0.4
 eS 18 39.20
 CAW 1.97 68 P 18 19.60 0.0
 KIW 1.98 60 P 18 20.10 0.4
 MOW 2.00 78 Pd 18 19.60 -0.4
 EWZ 2.11 218 eP 18 22.50 1.2
 BLW 2.18 78 P 18 21.70 -0.6
 AMW 2.40 78 P 18 24.50 -0.6
 MNG 2.47 61 P 18 25.70 -0.5
 LMZ 3.10 232 P 18 35.30 0.9
 ODZ 3.49 204 P 18 40.60 0.8
 eS 19 19.40
 MOZ 3.74 27 P 18 44.00 0.9
 S 19 24.20
 LRCZ 4.00 216 eP 18 46.40 -0.4
 MHZ 4.02 216 eP 18 45.90 -1.2
 LSCZ 4.03 215 P 18 46.30 -0.8
 SBCZ 4.03 216 eP 18 46.70 -0.5
 MMCZ 4.05 218 eP 18 47.20 -0.2
 CMCZ 4.09 216 eP 18 47.80 -0.2
 eS 19 33.20
 TLC 4.22 217 eP 18 49.30 -0.4
 TUZ 4.63 207 eP 18 55.60 0.4
 S.D. = 0.7 on 28 of 28 obs.

NOV 27, 1992 23h 28m 19.24±0.53s
 35.388 N ±7.7km 67.735 E ±8.1km
 DEPTH = 33.0km (normal)
 4.6mb (11 obs.)
 HINDU KUSH REGION, AFGHANISTAN (718)

QUE 5.23 187 eP 29 38.70 1.4

MAIO 6.76 280 ePn 31 11.90
 eSn 29 58.00 -0.7
 31 33.00
 FRU 9.15 34 eP 30 32.00 -0.1
 1.8s 170.00nm 5.9mb
 eS 32 15.00
 KAT 9.90 296 eP 30 29.00 -13.2
 NDI 10.46 127 eP 30 47.80 -2.1
 eS 30 02.50
 TLG 10.84 41 eP 30 52.00 -3.3
 1.1s 73.00nm 5.8mb

GKN 16.15 112 P 32 01.32 -4.1
 DMN 16.71 113 P 32 07.28 -5.4
 KKN 16.74 112 P 32 08.42 -4.6
 PKI 16.96 112 P 32 10.60 -5.2
 GUN 17.14 111 P 32 14.30 -3.9
 BRVK 17.76 5 eP 32 21.00 -4.4
 1.4s 68.00nm 4.6mb
 GRO 18.78 302 eP 32 38.00 0.1
 MTA 18.99 296 iP 32 39.80 -0.7
 iSS 35 58.00
 HYB 20.32 149 eP 32 56.00 0.6
 ARU 21.92 346 eP 33 12.00 0.8
 1.5s 80.00nm 4.9mb
 SVE 21.96 350 ePd 33 11.00 -0.6
 1.3s 40.00nm 4.7mb
 Z 11s 0.50um 4.2msz
 N 11s 0.30um
 E 11s 0.30um

GBA 23.39 156 P 33 29.00 3.1
 KVT 25.45 292 eP 33 54.00 8.4
 CSS 28.05 279 eP 34 22.00 12.5
 OBN 29.10 322 eP 34 20.00 1.3
 1.6s 40.00nm 4.9mb

ZAK 29.72 49 eP 34 27.00 2.7
 1.0s 4.00nm 4.1mb
 BOD 37.98 39 eP 35 34.90 -0.5
 1.0s 10.00nm 4.6mb
 GEC2 41.43 306 eP 36 07.60 3.4
 1.0s 1.57nm 3.7mb

HFS 42.33 323 eP 36 12.70 1.4
 0.5s 1.30nm 3.9mb
 NAO 43.85 324 P 36 22.20 -1.5
 0.8s 2.60nm 4.1mb
 TIK 47.79 22 eP 36 56.00 1.2
 1.0s 9.00nm 4.7mb
 KIC 72.06 265 (P) 39 41.00 -1.4
 ASPA 85.84 123 iPc 40 57.90 1.0
 0.9s 7.10nm 4.9mb
 S.D. = 1.2 on 16 of 29 obs.

? NOV 27, 1992 23h 49m 07.48±5.33s
 51.616 N ±38.1km 16.193 E ±30.3km
 DEPTH = 10.0km (geophysicist)
 POLAND (548)

BRG 1.60 243 iPg 49 36.50 0.7
 iSg 49 56.20
 PRU 1.94 213 Pn 49 40.00 -0.8
 0.5s 10.90nm
 Pg 49 42.70
 e 49 59.00
 Sg 50 04.00
 e 50 12.00

CLL 2.02 263 iPn 49 41.20 -0.7
 iPg 49 44.00
 iSg 50 10.60
 VRAC 2.32 174 ePn 49 46.60 0.3
 0.2s 3.20nm
 ePg 49 52.40
 eSn 50 17.60

MOX 3.04 253 ePg 50 04.60 8.1X
 iSg 50 43.90
 GEC2 3.20 211 Pn 49 58.60 -0.3
 Pg 50 05.80
 Sg 50 49.30

GRF 3.70 241 ePn 50 06.80 0.8
 ePg 50 17.00
 eSg 51 03.00
 S.D. = 0.9 on 6 of 7 obs.

* NOV 28, 1992 00h 24m 29.24s
 34.368 N 116.881 W

DEPTH = 3.5km SOUTHERN CALIFORNIA <PAS-P>. ML 3.2 (PAS).						(43)	NRI 43.45 336 iPc 54 43.70 -2.7X 1.1s 15.00nm e 55 14.00 4.7mb						CSS 81.58 307 eP 59 01.40 0.5 81.60 328 P 59 01.00 0.3 GLA 82.15 55 P 59 04.90 0.9 PV09 82.32 48 P 59 06.70 1.6 PV08 82.56 47 P 59 05.70 -0.7 GEC2 82.82 327 eP 59 07.10 -0.1 0.5s 1.74nm e 59 10.80 4.3mb e 59 15.70 e 59 21.20							
PEC	0.53	206	ePd	24	39.23	-0.6	GUN	45.89	276	Pc	55	06.80	-0.2	GRF	83.23	329	iPc	59	10.00	0.8
SSK	0.69	257	iPc	24	42.29	-0.8	PKI	46.41	276	Pc	55	10.46	-0.6		1.2s	28.00nm		59	13.20	
PLM	1.01	179	ePd	24	48.10	-1.0		0.7s	35.00nm					PRNI	83.31	303	eP	59	10.80	0.8
ISA	1.84	315	ePn	24	59.92	-2.0	KKN	46.42	276	P	55	10.70	-0.3	MBH	83.74	302	eP	59	12.60	0.4
ABL	1.99	285	ePn	25	02.78	-1.5		0.9s	94.00nm					VAY	83.87	318	iP	59	13.00	0.5
GLA	2.16	127	ePnd	25	04.59	-2.0	DMN	46.64	276	Pc	55	12.48	-0.3	SKO	84.03	319	iP	59	14.30	0.9
BCH	2.76	288	ePn	25	14.74	-0.5		1.0s	61.00nm						0.7s	32.00nm				5.5mb
PHAM	3.23	298	(P)	25	19.48	-2.4	GKN	46.85	276	Pc	55	14.12	-0.2			i	59	17.00		
MTUM	3.28	336	(Pn)	25	23.89	1.2		0.9s	321.00nm					FVI	84.93	326	P	59	16.80	-0.9
TNP	3.72	356	ePn	25	29.32	0.4	SVW	47.12	37	P	55	16.60	0.7	OHR	84.97	318	eP	59	17.20	-1.0
BONR	3.76	343	ePn	25	28.04	-1.6		1.1s	49.41nm					CDF	85.84	330	eP	59	22.30	-0.1
ARUT	4.41	38	(Pn)	25	38.58	-0.1	IMA	48.23	30	P	55	26.00	1.4		0.7s	7.05nm				4.9mb
MSU	5.61	41	(Pn)	25	58.29	2.5		0.8s	2.35nm					DMU	85.89	341	eP	59	23.00	0.6
13 obs. associated							KSH	49.57	294	P	55	36.60	1.3	DLF	86.33	340	eP	59	25.00	0.4
NOV 28, 1992 00h 46m 48.68±0.52s							BRVK	50.29	313	iPc	55	39.00	-1.4	DCN	86.48	341	eP	59	26.00	0.6
36.044 N ± 5.1km 139.713 E ± 3.7km								0.8s	16.00nm				HAU	86.54	331	eP	59	25.30	-0.5	
DEPTH = 64.2 ± 3.8 km							FBA	50.67	32	P	55	42.50	-0.6		0.6s	4.25nm				4.8mb
4.9mb (59 obs.)								0.6s	6.29nm				SFI	87.39	325	P	59	31.30	1.4	
EASTERN HONSHU, JAPAN (227)							SVE	54.99	319	iPd	56	15.00	-0.3	CRE	87.57	325	P	59	31.30	0.4
Felt (III JMA) at Nikko and									e		56	35.00		ASS	87.66	324	P	59	32.50	1.2
Utsunomiya; (II JMA) at Tokyo							WB2	55.91	186	iPd	56	21.00	-1.3	LOR	88.11	332	eP	59	33.10	-0.3
and Yokohama.								0.6s	23.70nm					0.5s	2.75nm					4.7mb
							WRA	55.91	186	P	56	21.20	-1.1	SDI	88.14	323	Pc	59	33.30	-0.3
KAKJ	0.41	67	iP+	46	57.60	-2.6		0.6s	10.50nm					LPL	88.39	329	eP	59	34.70	-0.3
			S	47	03.50		ARU	56.18	319	iPc	56	23.00	-0.9		0.5s	1.95nm				4.6mb
CHJJ	0.58	271	iPd	47	02.30	0.3		0.6s	80.00nm					LPG	88.40	329	eP	59	34.90	-0.2
MAT	1.31	293	iPd	47	11.70	0.3	HYB	56.80	268	iPc	56	28.20	-0.7		0.8s	5.50nm				4.8mb
			(S)	47	29.00		MBC	57.86	16	eP	56	35.00	-0.5	SSF	88.42	332	eP	59	34.40	-0.4
NIJJ	1.32	335	iPd	47	11.80	0.3		0.7s	2.00nm						0.6s	3.45nm				4.7mb
IIDJ	1.57	250	iPd	47	17.90	3.0X	ASPA	59.64	186	iPd	56	48.90	0.5	LDF	88.46	335	eP	59	35.40	0.4
MTMJ	1.63	290	iPd	47	17.60	1.8		0.5s	7.90nm					SMF	88.64	331	eP	59	36.20	0.3
YAMJ	2.14	7	iPd	47	22.70	-0.1					04	52.10			0.7s	2.75nm				4.6mb
TSRJ	3.07	262	iPd	47	38.20	2.3	GBA	59.77	265	P	56	49.60	0.1	AVF	88.70	332	eP	59	36.10	-0.1
OFUJ	3.41	27	iPd	47	38.40	-2.1	QUE	59.93	287	eP	56	50.20	-0.5		0.7s	3.95nm				4.8mb
WKYJ	3.84	243	P	47	47.60	1.0	MAIO	62.84	297	eP	57	10.00	0.0	GRR	88.89	335	eP	59	38.00	1.0
AOMJ	4.54	6	eP	47	56.80	0.4	WARB	63.11	193	eP	57	11.00	-0.7		0.6s	3.70nm				4.8mb
YSS	11.19	11	ePd	49	23.60	-4.5X	KEV	63.88	339	eP	57	15.00	-1.3	LPF	89.26	335	eP	59	38.90	0.1
	1.0s	30.00nm					YKA	65.35	29	eP	57	24.60	-1.3		0.6s	5.75nm				5.0mb
Z	16s	0.60um						0.8s	3.60nm					SOI	89.70	319	P	59	41.10	0.1
MDJ	11.52	321	eP	49	34.50	1.9	SDF	65.39	337	iP	57	25.50	-0.6	LRG	90.21	328	eP	59	42.80	-0.5
	1.2s	65.00nm					DAG	66.65	355	eP	57	30.40	-3.6X		1.0s	12.40nm				5.2mb
CN2	13.40	310	Pd	50	01.40	4.0X		0.9s	8.40nm					LMR	90.24	328	eP	59	42.90	-0.5
	0.8s	21.00nm					STK	67.59	178	eP	57	44.10	3.7X		1.1s	16.35nm				5.2mb
Z	24s	0.64um					OBN	68.06	323	iPc	57	42.00	-1.1	EEO	90.61	26	eP	59	48.00	2.9X
		eP	50	06.20				0.9s	31.00nm					LFF	91.25	332	eP	59	48.60	0.5
SNY	13.82	300	Pd	50	04.00	1.1	KAF	68.55	332	iP	57	44.10	-2.0		0.6s	7.50nm				5.3mb
	1.0s	31.00nm						0.6s	13.00nm					BCAO	111.92	293	iPKPd	05	04.00	-14.6X
SSE	16.21	258	Pd	50	37.00	3.4X	NUR	70.17	332	eP	57	55.10	-0.9		1.0s	8.00nm				
	1.0s	17.00nm					DPW	71.40	44	P	58	03.80	0.0			id				
		pP	50	45.30			SES	73.79	39	eP	58	18.00	0.2	TIC	126.16	315	PKP	05	45.70	-0.2
NJ2	17.73	263	eP	50	54.00	1.3	ORV	73.99	53	P	58	18.80	-0.3	KIC	126.22	314	PKP	05	45.60	-0.5
TIA	18.25	277	Pd	50	58.30	-0.7	HFS	74.42	335	eP	58	19.90	-1.2	LIC	126.50	314	PKP	05	45.90	-0.7
BJI	18.95	289	eP	51	06.00	-1.3		0.4s	2.10nm					ZOBO	148.38	59	PKP	06	29.00	2.1
	1.0s	22.00nm					NAO	74.85	337	P	58	22.80	-0.8	LPB	148.57	59	PKP	06	25.00	-1.9
PET	21.57	32	eP	51	35.00	0.7		0.8s	16.80nm					CNCB	148.84	59	PKPc	06	33.40	5.9X
		e	51	57.00			FCC	75.49	26	eP	58	30.50	3.2X	CCH	150.50	58	PKP	06	36.00	6.3X
TIY	21.86	283	eP	51	37.50	0.0	CMB	75.56	53	P	58	28.40	0.2	SIV	152.76	48	PKP	06	37.40	4.7X
	20s	1.25um						0.6s	4.35nm					S.D. = 1.0 on 122 of 135 obs.						
CIT	24.45	319	eP	52	02.00	-0.5	LRM	75.81	43	eP	58	30.30	0.6	NOV 28, 1992 01h 32m 19.29±0.70s						
XAN	25.24	275	P	52	09.00	-1.2	KVN	76.45	52	P	58	34.30	1.0	41.960 N ± 6.0km 19.430 E ± 5.3km						
	0.5s	7.50nm					BONR	76.95	53	P	58	36.90	0.6	DEPTH = 10.0km (geophysicist)						
YAK	26.74	350	eP	52	21.60	-2.1	HHA1	77.39	45	P	58	39.40	1.0	ALBANIA (391)						
	1.2s	50.00nm					HVU	78.09	47	P	58	43.40	1.1	ML 1.8 (TTG).						
BOD	27.62	330	eP	52	31.80	0.1	DUG	79.04	48	P	58	48.30	0.8	ULC	0.13	272	iPg	32	22.52	0.0
	0.8s	22.00nm						0.8s	3.92nm							iSg	32	25.31		
LZH	28.89	281	eP	52	44.50	0.8	OJC	7												

28d 01h

NKY 0.91 340 iSg 32 48.61
 iPgc 32 37.01 0.2
 iSg 32 51.45
 IVA 0.97 21 iPg 32 38.02 0.2
 iSg 32 53.01
 BRY 1.15 325 iPg 32 41.46 0.6
 iSg 32 58.97
 OHR 1.33 129 e(Pn) 32 44.00 0.1
 S.D. = 0.4 on 9 of 9 obs.

NOV 28, 1992 02h 02m 26.17 ± 0.56s

51.330 N ± 4.3km 19.331 E ± 6.4km

DEPTH = 23.6 ± 5.5 km

POLAND (548)

ML 4.4 (GRF), 3.9 (VIE).

OJC 1.15 165 iP 02 47.50 0.7
 eS 03 01.40
 WAR 1.39 48 e(P) 03 00.00 9.8X
 S 03 20.00
 RAC 1.44 211 eP 02 51.00 0.1
 iPg 02 53.20
 iSg 03 12.10
 KSP 1.98 257 iPn 02 59.40 0.7
 0.6s 328.00nm

iPg 03 03.00
 iSg 03 29.00
 i 03 35.40
 SPC 2.22 164 iPn 03 03.00 1.4
 i(Pg) 03 08.30
 i(Sn) 03 31.60
 i 03 35.30
 Lg 03 40.00
 VRAC 2.68 222 iPnc 03 09.60 0.9
 0.5s 102.90nm

iPg 03 17.00
 eSg 03 47.00
 eSg 03 53.40
 PRU 3.33 248 Pnc 03 18.00 0.1
 e 03 25.00

BRG 3.43 264 ePn 03 20.00 0.7
 iPg 03 31.00
 iSg 04 15.00

ZST 3.45 206 ePn 03 19.40 -0.3
 i(Pg) 03 28.20
 e 03 57.20
 i(Sn) 04 01.30
 i 04 09.60
 i 04 14.20

Lg 04 38.00
 SRO 3.58 191 eP 03 28.50 6.9X
 i 03 35.90
 i 04 08.60
 i 04 24.70
 i 04 34.70

Lg 05 00.00
 VKA 3.64 214 ePn 03 23.00 0.7
 iPg 03 36.60
 iSn 04 07.40
 i 04 11.80
 iSg 04 19.60

ePn 03 38.60 13.2X
 CLL 3.97 272 iPn 03 29.10 2.1
 iPg 03 41.50
 iSg 04 37.70

SOP 4.07 207 ePn 03 29.00 0.5
 GEC2 4.40 238 Pn 03 33.00 -0.2
 Pg 03 40.00
 Sn 04 45.30

WET 4.68 245 iPnc 03 37.30 0.1
 KMR 4.70 228 iPn+ 03 38.00 0.6
 iSg 04 40.40

HOF 4.83 261 iPnc 03 46.60 7.3X
 MOX 4.92 265 ePn 03 43.70 3.2X
 iSg 05 04.70

GRF 5.43 256 ePn 03 48.30 0.6
 ePg 04 07.00
 eSg 05 17.20

KBA 5.79 225 iPnc 03 52.80 -0.1
 i 04 15.70
 iSg 05 07.60
 i 05 10.10

PTJ 5.88 204 e(P) 03 53.60 -0.4
 FVI 6.41 225 P 04 00.00 -1.4
 eSn 05 37.00

VBY 6.43 207 ePn 04 02.20 0.4
 WATA 6.45 235 iPnc 04 01.00 -1.3

WTTA 6.47 234 iPnc 04 01.40 -1.1
 i 05 15.30
 i 05 41.10
 UPP 8.60 354 eP 04 32.00 -0.1
 HFS 9.38 342 eP 04 42.30 -0.5
 0.3s 1.60nm 4.7mb X
 Z 15s 100.00um 4.8mszX
 LR 08 16.00
 NUR 9.67 16 eP 04 47.10 0.3
 KAF 11.46 17 eP 05 10.70 -0.6
 S.D. = 0.9 on 25 of 30 obs.

& NOV 28, 1992 02h 31m 37.03s

34.357 N 116.887 W

DEPTH = 0.0km

SOUTHERN CALIFORNIA (43)

<PAS-P>. ML 3.1 (PAS).

PLM 1.00 179 eP 31 55.66 -1.4
 ISA 1.84 315 (Pn) 32 08.95 -1.3
 ePg 32 11.58
 ABL 1.99 285 ePn 32 11.27 -1.2
 GLA 2.15 127 ePn 32 12.44 -2.3
 MTUM 3.29 336 (Pn) 32 32.21 1.2
 ePg 32 37.89

MPPM 3.68 332 ePn 32 37.75 1.0
 ePg 32 45.28
 TNP 3.73 356 ePn 32 36.51 -0.8
 ePg 32 45.49

BONR 3.77 343 (Pn) 32 38.07 0.1
 ARUT 4.42 38 ePn 32 45.67 -1.4
 MSU 5.62 41 (Pn) 33 04.90 0.7
 SRU 6.97 45 (Pn) 33 22.47 -0.7
 PV09 7.49 54 (P) 33 30.99 0.4
 PV08 7.86 55 (P) 33 34.38 -1.4

13 obs. associated

? NOV 28, 1992 03h 01m 31.54 ± 1.32s

16.904 S ± 34.8km 67.377 W ± 9.7km

DEPTH = 30.7 ± 19.7 km

CENTRAL BOLIVIA (120)

CNCB 0.59 279 iPc 01 43.80 0.0
 LPB 0.78 298 P 01 47.00 0.3
 ZOBO 0.95 310 P 01 49.00 -0.3
 CCH 1.27 112 P 01 53.50 -0.1
 SIV 6.12 82 P 03 02.40 0.1

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

NOV 28, 1992 03h 13m 33.36 ± 0.11s

31.330 S ± 2.6km 71.992 W ± 3.4km

DEPTH = 11.7km (geophysicist)

5.8mb (43 obs.) 6.5msz (37 obs.)

NEAR COAST OF CENTRAL CHILE (135)

Felt (V) at La Ligua, Los Andes,

San Felipe, La Serena, Llaillay,

Valparaiso and San Antonio;

(III) at Santiago and Rancagua;

(II) at Copiapo. Felt (IV) at

Mendoza, Argentina. Depth from

broadband displacement

seismograms.

FAULT PLANE SOLUTION: P-Waves

NP1:Strike=165 Dip=80 Slip= 85

NP2: 12 11 116

Principal Axes:

T P1g=55 Azm= 69

P 35 259

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: 16 Focal mech. F

Energy 6.6 ± 1.2 × 10¹³ Nm

MOMENT TENSOR SOLUTION

Dep 11 No. of sta: 12

Moment Tensor: Scale 10¹⁸ Nm

Mrr= 0.07 Mtt= 5.39

Mff=-5.46 Mrt= 1.98

Mrf=-2.55 Mtf=-1.42

Principal axes:

T Val= 6.45 P1g=21 Azm= 11

N 0.04 60 143

P -6.49 20 273
 Best Double Couple: Mo=6.5 × 10¹⁸
 NP1:Strike= 52 Dip=60 Slip= 180
 NP2: 142 90 30
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 34S, 92C M.W.: 29S, 66C
 Centroid Location:
 Origin Time 03:13:38.0 0.1
 Lat 31.59S 0.01 Lon 72.08W 0.01
 Dep 22.3 1.1 Half-duration 4.7
 Moment Tensor: Scale 10¹⁸ Nm
 Mrr=-0.84 0.04 Mtt= 4.76 0.04
 Mff=-3.92 0.04 Mrt= 2.74 0.10
 Mrf=-2.11 0.16 Mtf=-1.10 0.04
 Principal Axes:
 T Val= 6.24 P1g=24 Azm= 12
 N -1.24 52 136
 P -5.00 28 269
 Best Double Couple: Mo=5.6 × 10¹⁸
 NP1:Strike= 51 Dip=52 Slip=177
 NP2: 319 87 -38

IHA 1.72 170 iPd 14 03.20 0.0
 JACH 1.80 139 iP 14 06.18 1.7
 ROCH 1.84 153 iP+ 14 05.00 -0.2
 PEL 2.12 149 iPd 14 10.02 0.9
 LCCH 2.17 171 iP+ 14 09.06 -0.7
 RTBS 2.19 99 iPd 14 15.40 5.3X
 SAN 2.40 152 iP+ 14 13.67 0.6
 iS 14 32.23
 TACH 2.48 159 iP+ 14 14.66 0.4
 PCN 2.60 152 iP+ 14 16.55 0.5
 LNV 2.66 170 iP+ 14 15.60 -1.2
 ZON 2.84 95 iPd 14 25.00 5.6X
 RTLL 3.01 91 iPd 14 26.10 4.3X
 CACH 3.02 157 iPd 14 22.99 1.0
 MDZ 3.08 121 iP 14 27.80 5.0X
 iS 15 06.90

CFA 3.22 96 ePd 14 29.10 4.3X
 RFA 4.53 140 ePc 14 44.60 1.2
 RTPR 4.82 79 iPc 14 49.70 2.2
 MRA 5.45 103 e(P) 14 58.00 1.6
 CYA 6.10 63 ePc 15 07.00 1.4
 FSA 7.41 47 iPc 15 23.60 -0.3
 ANT 7.72 11 iPc 15 24.50 -3.8X
 HJA 9.98 38 ePc 15 58.00 -1.6X
 LPA 12.31 111 ePc+ 16 30.00 -1.3
 1.0s 1088.00nm 7.1mb X

ARE 14.81 2 eP 17 02.00 -2.7X
 CCH 14.87 22 eP 17 04.00 -1.5X
 CNCB 14.91 15 eP 17 04.00 -2.3X
 LPB 15.15 14 P 17 07.00 -2.3X
 i 17 11.80

ZOBO 15.38 14 P 17 10.00 -2.5X
 SIV 18.23 36 P 17 48.20 0.2
 NNA 19.76 346 iPc 18 06.46 0.1
 1.3s 788.46nm 5.9mb

ec 18 08.20 7kmX
 iS 21 52.00
 VAO 23.72 76 eP 18 45.00 -1.2
 BAO 26.90 60 e(P) 19 15.00 -1.4
 e 19 16.00 4kmX
 e 19 21.00

BDF 26.95 60 e(P) 19 14.00 -2.8X
 e 19 16.10 7kmX
 PSO 32.74 350 eP 20 11.00 2.3
 AIA 34.28 174 eP 20 21.20 0.1
 BOG 35.81 356 iPc 20 38.00 3.0X
 BMG 38.20 358 iPc 20 51.00 -3.9X
 SDV 40.01 2 iPc 21 09.90 -0.1

TOV 40.94 3 iPc 21 17.70 0.2
 GUAN 41.50 9 iP 21 22.40 0.2
 LLAV 41.86 8 iP 21 23.50 -1.6
 CAR 41.88 7 eP 21 23.00 -2.3X
 MORO 42.11 5 iP 21 27.00 -0.2
 BIM 46.77 15 eP 22 03.20 -1.4
 MYM 46.85 15 eP 22 04.03 -1.1
 FDF 46.97 14 eP 22 05.33 -0.8
 CRM 47.04 15 eP 22 05.64 -1.0
 PAG 48.12 13 eP 22 13.00 -2.2
 MGH 48.69 13 eP 22 19.00 -0.5
 BPA 49.07 13 eP 22 20.00 -2.5X
 MGP 49.28 6 iP 22 23.20 -0.8
 PORP 49.37 7 iP 22 23.80 -0.9
 CPD 49.43 8 iP 22 24.00 -1.2

SJG	49.48	7	iP	22	24.50	-1.1	TBR	72.14	358	eP	25	00.15	0.7	S	35	48.26				
LPR	49.70	8	iP	22	26.00	-1.4	ACO	72.30	337	iPc	25	00.00	-0.6	DUG	80.59	329	iPd	25	47.77	0.5
APR	49.75	7	iP	22	26.00	-1.7	TUC	73.17	326	ePd	25	05.92	0.0	1.3s	135.55nm				5.8mb	
DXX	53.68	330	(P)	22	57.50	0.0	ALQ	73.46	331	iPd	25	07.96	0.2	PHAM	80.79	322	eP	25	49.04	0.8
ACX	54.89	327	(P)	23	07.50	1.3		1.3s	187.04nm			6.0mb	PKEM	80.81	322	eP	25	49.75	1.4	
III	56.02	328	(P)	23	15.50	0.9		S	34	35.25			TNP	80.92	325	iPd	25	49.63	0.5	
PPM	56.26	329	(P)	23	18.00	1.3		SS	39	05.21			1.0s	125.95nm					5.9mb	
UNM	56.73	329	(P)	23	19.50	-0.3	ANMO	73.47	331	ePd	25	09.08	1.4	MTUM	81.01	324	iPd	25	50.15	0.5
NVL	58.76	157	iPd	23	31.80	-1.3		ec	25	10.99	6kmX		CFTV	81.05	49	iPd	25	50.20	0.4	
2.0s	857.00nm				6.5mb		HRV	73.47	0	iPc	25	07.92	0.7	PR1	81.16	322	iPd	25	51.28	0.9
Z 16s	23.00um				6.4MszX		1.1s	132.54nm			5.9mb		PDA	81.20	35	iPc	25	54.00	3.7)	
N 16s	3.00um						ec						MRCM	81.23	324	ePd	25	51.41	0.6	
E 16s	17.00um						epPd						FR1	81.32	323	iPd	25	50.51	-0.4	
	iPcP	23	59.00				S	34	42.14				BONR	81.35	325	ePd	25	52.06	0.5	
	ePP	25	53.00				SS	39	31.65				BW06	81.41	333	iPd	25	50.99	-0.7	
	ePPP	26	57.00										1.4s	76.43nm				5.6mb		
	eS	31	36.00				LIC	73.91	72	Pc	25	10.10	-0.3	(pP)	26	04.88			48km)	
SPA	58.84	180	iPd	23	32.70	-1.4	TIC	74.15	72	Pc	25	11.70	-0.2	MEMM	81.45	324	ePd	25	52.90	1.3
0.9s	30.91nm				5.4mb		KIC	74.22	72	Pc	25	12.00	-0.3	MMPM	81.45	324	ePd	25	52.62	0.5
CGX	59.05	325	(P)	23	37.00	1.0		0.9s	1127.50nm			6.9mb X	LLA	81.67	322	iPd	25	53.92	1.1	
MZX	63.47	324	(P)	24	03.50	-2.0	DLA	74.35	353	P	25	11.55	-0.8	PRS	81.68	322	iPd	25	53.80	0.9
HBF	64.41	352	ePc	24	11.18	-0.3	TYNO	74.41	354	P	25	12.51	-0.2	BLF	81.73	119	iPc	25	53.50	-0.2
SGS	64.68	352	iPc	24	12.98	-0.2	STCO	74.47	355	P	25	13.00	0.0	0.6s	32.14nm				5.6mb	
	epP	24	24.41	38kmX			LDN	74.49	353	P	25	12.30	-0.9		i	26	04.50		35km)	
PRM	65.79	351	eP	24	19.53	-0.9	CER	74.51	120	iPd	25	14.00	0.2	HVU	81.88	330	iPd	25	53.88	-0.1
JSC	65.84	352	eP	24	20.22	-0.5		1.0s	190.00nm			6.1mb	KVN	82.11	325	eP	25	55.78	0.5	
	epP	24	31.51	37kmX			ACTO	74.94	354	P	25	15.51	-0.3	CMB	82.46	323	ePd	25	57.14	0.2
LHS	65.98	352	eP	24	20.94	-0.6	WLVO	75.12	355	P	25	16.81	0.0	1.0s	47.15nm				5.6mb	
CEH	67.20	354	iPc	24	28.77	-0.6	RSNY	75.55	358	ePd	25	19.90	0.7	ARN	82.53	322	ePd	25	58.48	1.1
1.7s	174.54nm				6.0mb		0.7s	183.49nm			6.0mb		COE	82.54	322	ePd	25	58.92	1.6	
Z 20s	9.72um				6.0Msz		Z 19s	12.60um			6.2Msz		GCC	82.54	322	iPd	25	58.14	0.9	
	epPd	24	32.08	11kmX				S	34	53.27			PTI	82.62	331	eP	25	57.96	0.1	
	(sP)	24	42.06					SS	39	53.27			CSY	82.68	181	eP	25	58.80	1.2	
	S	33	15.64				MAW	75.72	164	P	25	19.89	-0.2	0.6s	248.60nm				6.5mb	
	SS	37	46.50				GLA	75.75	324	iPc	25	21.22	0.5		i	26	12.20		45kmX	
TKL	67.55	350	iPd	24	30.56	-1.0	EMM	75.82	3	eP	25	22.18	1.5	HHA1	82.97	332	ePc	25	59.86	0.3
UYO	68.50	340	iPd	24	37.00	-0.6	SUR	76.09	119	ePc	25	23.32	0.2	PCC	83.09	322	iPd	26	01.14	1.0
MIAR	68.61	341	ePd	24	37.51	-0.7	MIM	76.26	2	eP	25	24.33	1.1	SEK	83.21	119	iPc	26	00.50	-0.9
1.1s	114.58nm				6.0mb		PFO	77.02	323	iPd	25	28.77	0.8	1.0s	200.00nm				6.3mb	
Z 20s	9.72um				6.0Msz			ec	25	30.43				i	26	10.50			32kmX	
	ec	24	39.08					epPd	25	33.08	14kmX		HMR	83.28	323	iPd	26	03.02	1.9	
	epPd	24	41.73	14kmX			PLM	77.03	323	iPd	25	28.90	0.8	8KS	83.30	322	iPd	26	02.36	1.2
	PP	26	57.68					e	25	44.04	54kmX		ZSP	83.36	322	ePd	26	02.56	1.1	
	S	33	20.48				LMN	77.09	5	ePc	25	31.30	3.4X	ANTZ	83.88	52	iPd	26	06.00	1.6
BLA	68.64	353	eP	24	37.25	-1.2	GLD	77.16	334	P+	25	29.68	1.0		i	26	07.00		3kmX	
0.8s	72.95nm				5.9mb		GOL	77.17	334	P+	25	28.04	-0.8		i	26	09.00			
NAV	68.78	352	ePd	24	38.59	-0.7	Z 19s	5.45um			5.9Msz			i	26	19.00				
OLY	68.95	343	iPd	24	39.20	-1.1		PP	28	12.51			NTYM	83.90	322	ePd	26	04.92	0.7	
GRT	69.20	345	iPc	24	41.63	-0.2		S	35	19.68			ULM	83.94	345	ePd	26	06.30	2.1	
CBN	69.36	355	eP	24	43.00	0.9		SS	40	26.02			KSR	83.95	116	iPc	26	05.00	-0.2	
MBO	69.67	58	iPc	24	45.00	0.7	PV08	77.48	331	iPd	25	31.69	1.0	0.5s	37.84nm				5.9mb	
	iS	33	54.50				PEC	77.60	323	iPc	25	31.64	0.6	ORV	84.18	324	ePd	26	06.29	0.6
VVO	69.97	339	e(P)	24	44.90	-1.7		1.0s	85.31nm			5.8mb	MIN	84.83	324	ePd	26	08.43	-0.6	
ELC	70.14	345	ePd	24	46.91	-0.6		epP	25	42.79	36kmX		JAO	84.84	358	ePc	26	08.60	0.0	
WMOK	70.39	337	ePd	24	48.09	-1.1	PV09	77.61	331	eP	25	29.87	-1.5		pP	26	20.00		37kmX	
1.1s	109.53nm				5.9mb			e	25	44.20	50kmX		LMEM	84.96	324	P	26	10.27	0.5	
Z 20s	11.18um				6.1Msz		EEO	77.87	355	eP	25	35.00	2.8X	SLR	85.08	117	iPc+	26	10.00	-0.8
	ec	24	49.66	5kmX			CBM	77.98	3	iPc	25	33.38	0.7	0.9s	50.42nm				5.7mb	
	PP	27	08.85					0.9s	270.32nm			6.3mb	Z 18s	48.80um				6.9Msz		
	S	34	03.73				Z 20s	12.49um			6.2Msz			i	26	21.30			36kmX	
TUL	70.52	340	iPd+	24	48.90	-1.0		ec	25	35.11				S	36	28.00				
0.8s	175.00nm				6.2mb		CHIE	78.11	47	iPd	25	36.30	2.4X	LRM	85.10	333	ePd	26	10.80	0.4
Z 22s	5.17um				5.7Msz		SSK	78.13	323	ePd	25	34.95	0.8	KHZ	85.11	223	eP	26	09.60	-0.8
	e	27	11.00	734kmX			PAS	78.33	322	ePd	25	35.62	0.6	SNZO	85.11	224	P	25	52.40	-18.0X
	e	31	16.00				GSC	78.53	324	iPc	25	36.95	0.8		S	36	12.00			
	LR	34	10.00				SRU	78.71	330	ePd	25	37.18	-0.1	HBZ	85.12	229	eP	26	11.80	1.3
LNO	70.52	340	eP	24	49.00	-0.8	TBT	78.81	46	iPd	25	38.40	0.7		e	26	27.30		54kmX	
LNO2	70.52	340	iPd	24	48.70	-1.1	ARUT	78.90	328	ePd	25	39.20	0.9	WDC	85.48	324	(P)	26	11.58	-0.5
SIO	70.52	339	eP	24	49.50	-0.4	MSU	78.93	329	ePd	25	38.98	0.5	0.9s	44.59nm				5.7mb	
RLO	70.53	340	iPd	24	49.10	-0.9	SBC	79.37	322	iPd	25	41.42	0.8	Z 19s	5.63um				6.0Msz	
OCO	70.68	338	iPc	24	50.00	-0.9		ec	25	43.07				epP	26	24.54			43kmX	
MCWV	71.00	354	eP	24	52.20	-0.5		epPd	25	45.47	13kmX		LTZ	85.61	222	P	26	13.20	0.2	
0.7s	155.43nm				6.2mb		ABL	79.42	322	ePd	25	41.88	0.6		e	26	22.60		30kmX	
Z 22s	15.61um				6.2Msz		EMUT	79.42	331	ePd	25	41.26	0.1		e	26	28.70			
	ec	24	53.77				ISA	79.66	323	iPd	25	43.12	0.8	LBFM	85.73	325	ePd	26	13.63	0.0
	epPd	24	55.84	12kmX				0.9s	178.30nm			6.1mb	LGPM	85.87	324	eP	26	14.56	0.3	
FVM	71.07	345	ePd	24	52.60	-0.6		ed	25	44.61	5kmX		THZ	85.89	223	eP	26	14.90	0.4	
0.6s	282.63nm				6.6mb			ec	25	45.93				e	26	26.90			39kmX	
Z 19s	14.34um				6.2Msz		DAU	80.11	331	ePd	25	45.25	0.3	KMPM	86.16	323	iPc	26	17.29	1.7
CCM	71.33	344	ePd	24	54.78	0.0	BCH	80.13	322	eP	25	44.20	-0.7	FOX	86.17	323	iPd	26	17.19	1.7
	epPd	24	58.67	13kmX				e	25	56.00										

2

[illegible]

• NOV 28. 1992 03h 46m 48.71± 1.51s

IS 10 23.20
S.D. = 0.6 on 14 of 14 obs.
* NOV 28, 1992 06h 21m 14.82s
35.071 N 116.989 W
DEPTH = 3.2km
CENTRAL CALIFORNIA (30)
<PAS-P>. ML 3.3 (PAS), 2.9 (GS).

GSC	0.28	33	iPc	21	20.04	-0.3
SSK	1.04	214	ePn	21	33.89	-1.3
			ePg	21	35.01	
			eS	21	48.36	
PEC	1.18	187	iPd	21	36.55	-1.0
			S	21	51.64	
ISA	1.35	296	iPn	21	39.17	-1.2
			iPg	21	39.62	
			iS	21	54.91	
PLM	1.72	176	ePn	21	45.01	-0.9
			ePg	21	46.47	
			iS	22	05.91	
ABL	1.85	264	ePn	21	46.73	-1.1
			ePg	21	48.61	
			eS	22	07.09	
MTUM	2.61	331	ePn	21	58.74	0.0
			ePg	22	03.22	
GLA	2.70	138	ePn	21	59.38	-0.5
			ePg	22	04.22	
PKEM	2.73	292	ePn	22	01.38	1.1
TNP	3.01	357	ePn	22	03.12	-1.4
			ePg	22	10.42	
MMPM	3.02	328	ePn	22	07.53	2.8
MEMM	3.03	329	ePn	22	07.84	3.3
BONR	3.07	340	ePn	22	04.86	-0.5
			ePg	22	13.61	
CMB	4.03	318	ePn	22	19.77	1.0
MSU	5.17	47	ePn	22	30.51	-4.7

15 obs. associated

* NOV 28, 1992 06h 32m 17.65±1.63s
3.103 N ± 0.4km 127.259 E ±14.3km
DEPTH = 109.8 ± 15.2 km
5.0mb (8 obs.)
TALAUD ISLANDS, INDONESIA (263)

MNI	2.93	236	eP	33	05.00	1.6
BIP	5.19	349	ePd	33	30.00	-4.2X
			eS	34	29.00	
CGP	5.90	334	eP	33	40.00	-4.0X
			iS	34	51.00	
PLP	8.32	344	ePc	34	15.00	-2.2
KNA	18.79	175	eP	36	28.00	-3.3X
WB2	23.94	163	iPc	37	21.80	-1.1
	0.6s	53.80nm			5.2mb	
MBL	25.19	196	eP	37	29.90	-4.7X
ASPA	27.38	167	iPc	37	53.10	-1.6
	0.6s	21.40nm			4.9mb	
LOE	28.80	301	eP	38	07.20	-0.4
WARB	29.12	181	eP	38	10.00	-0.3
CHG	31.80	301	eP	38	33.90	-0.1
XAN	35.21	333	Pc	39	03.20	0.0
	0.8s	16.00nm			5.0mb	
		sP	39	20.00		
TIY	37.03	340	eP	39	19.00	1.3
STK	37.36	160	iPd	39	25.40	4.1X
		e	41	45.30		
BJI	38.12	346	eP	39	29.00	1.5
	1.0s	98.00nm			5.6mb	
SNY	38.69	356	Pd	39	35.00	2.7X
LZH	39.31	329	eP	39	39.50	1.8
	1.4s	26.00nm			4.8mb	
HHC	40.16	341	P	39	47.40	2.8X
	1.0s	23.00nm			4.9mb	
ARMA	40.66	147	eP	39	50.40	1.6
	0.7s	24.00nm			5.1mb	
GUN	46.52	306	P	40	36.16	-0.2
PKI	46.76	306	P	40	37.64	-0.7
KKN	46.95	306	P	40	38.90	-0.8
DMN	47.02	306	P	40	39.78	-0.5
GKN	47.56	306	P	40	43.72	-0.7
HYB	49.82	290	eP	41	01.50	-0.2
GBA	50.29	285	P	41	05.30	0.1
YAK	58.80	1	eP	42	07.20	0.8
	0.8s	31.00nm			5.4mb	
BCAO	108.39	276	ePd	46	13.00	-16.9X
	0.3s	3.00nm				
		ic	49	07.00		

KIC 131.16 281 (PKP) 51 23.00 3.7X
S.D. = 1.2 on 20 of 29 obs.
* NOV 28, 1992 07h 47m 39.22s
60.207 N 153.409 W
DEPTH = 134.9km
SOUTHERN ALASKA (2)
<AEIC>.

INW	0.20	135	iPc	47	57.14	0.7
INE	0.23	130	iPc	47	57.24	0.7
			S	48	11.57	
ILIM	0.26	119	iPc	47	57.27	0.7
			eS	48	12.30	
RDW	0.41	47	iPc	47	58.02	-0.8
			eS	48	12.81	
RS1	0.41	52	eP	47	58.15	-0.7
			S	48	13.28	
RS2	0.41	51	eP	47	58.04	-0.9
			S	48	12.81	
RSO	0.41	52	eP	47	58.10	-0.8
			eS	48	13.24	
NCT	0.43	34	eP	47	58.11	-0.7
			eS	48	12.95	
REF	0.45	51	ePc	47	58.24	-0.8
			eS	48	13.47	
DFR	0.53	43	ePc	47	58.29	-1.1
			eS	48	14.46	
OPT	0.56	171	eP	47	58.77	-0.7
PDB	0.58	223	eP	47	58.59	-0.9
AUL	0.83	181	eP	48	00.70	-0.6
AUH	0.85	181	ePd	48	00.86	-0.7
AUP	0.85	180	eP	48	00.76	-0.9
AUE	0.85	179	eP	48	00.57	-0.9
AUI	0.87	181	eP	47	59.78	-1.9
			S	48	17.81	
HOM	1.05	121	ePc	48	02.20	-1.0
CKL	1.12	27	iPd	48	03.46	-0.7
MCNL	1.13	205	eP	48	03.15	-0.9
CKT	1.16	30	ePd	48	03.58	-0.9
BGL	1.17	25	iPd	48	04.14	-0.5
SPU	1.18	34	iP	48	03.65	-1.0
CKN	1.19	30	ePd	48	04.04	-0.7
NKA	1.20	62	ePc	48	04.88	0.1
CP2	1.21	28	ePd	48	04.50	-0.6
CRP	1.23	30	ePd	48	04.49	-0.8
CNPM	1.29	121	iPc	48	04.23	-1.5
			eS	48	24.10	
CGLM	1.30	31	iPd	48	04.93	-1.0
BRLK	1.34	108	eP	48	05.09	-1.2
			eS	48	24.64	
NCG	1.35	27	ePd	48	05.75	-0.7
SVV	1.42	311	iPd	48	05.92	-1.2
SLKM	1.61	78	ePc	48	07.11	-2.2
SYI	1.68	162	eP	48	08.30	-1.8
			eS	48	31.39	
SUA	1.82	45	ePc	48	10.37	-1.4
			eS	48	35.41	
SEW	1.98	91	eP	48	11.07	-2.6
SKT	2.00	26	eP	48	13.25	-0.7
MPA	2.03	80	ePc	48	11.80	-2.4
PMS	2.16	59	eP	48	13.77	-2.1
PWA	2.25	48	eP	48	16.49	-0.5
PTE	2.27	71	ePc	48	13.96	-3.2
PLRM	2.51	55	eP	48	18.21	-2.0
GHO	2.69	52	eP	48	19.53	-3.1
KNK	2.71	61	eP	48	20.98	-1.9
LTI	2.79	91	eP	48	20.86	-2.9
MTU	2.89	92	eP	48	22.76	-2.4
SML	2.95	55	eP	48	22.66	-3.3
GLI	3.19	75	eP	48	26.77	-2.4
SCM	3.38	59	eP	48	28.79	-2.9
HIN	3.44	84	eP	48	29.61	-2.9
FID	3.47	78	eP	48	29.30	-3.5
KTH	3.56	18	eP	48	32.17	-1.9
TRF	3.58	23	eP	48	32.43	-1.9
VLZ	3.60	72	eP	48	32.29	-2.2
CVA	3.82	82	eP	48	34.15	-3.2
RND	3.87	32	eP	48	35.83	-2.4
KLU	3.88	67	eP	48	34.79	-3.6

57 obs. associated

* NOV 28, 1992 07h 55m 59.29±1.37s
18.362 S ± 9.8km 175.255 W ±12.3km
DEPTH = 240.0 ± 14.9 km
4.8mb (8 obs.)
TONGA ISLANDS (173)

AFI	5.55	38	eP	57	22.00	-0.2
			eS	58	19.00	
BKM	15.71	270	iPc	59	43.50	13.6)
DZM	17.57	255	iPc	59	52.90	2.4
URZ	20.92	197	eP	00	24.70	0.6
NOZ	21.01	195	eP	00	28.20	3.1)
QRZ	24.73	203	eP	01	00.80	0.4
THZ	25.42	201	eP	01	07.70	0.9
DSZ	25.80	203	eP	01	10.60	0.4
KHZ	25.80	199	eP	01	08.70	-1.5
LTZ	26.55	201	eP	01	15.50	-1.5
CTA	36.33	261	P	02	43.00	0.9
STK	41.06	242	iPc	03	25.60	4.5)
WB2	47.49	260	iPc	04	11.60	-0.8
	0.5s	53.80nm			5.2mb	
WRA	47.50	260	P	04	11.90	-0.5
	0.6s	9.90nm			4.3mb	
ASPA	47.56	254	iPc	04	12.60	-0.3
	0.6s	85.40nm			5.3mb	
		eS	10	47.60		
KNA	53.41	264	eP	04	56.00	-0.9
WARB	53.96	251	eP	04	59.70	-1.2
MBL	60.77	256	iPc	05	42.80	-5.7)
	0.4s	10.00nm			4.8mb	
NANU	64.47	253	iPc	06	12.50	-0.2
	0.5s	21.00nm			5.1mb	
SPA	71.75	180	iPc	06	57.00	-0.1
	0.8s	8.75nm			4.5mb	
BALM	83.42	15	(P)	07	59.48	-1.2
ALO	84.05	50	eP	08	06.30	1.8
FBA	85.63	11	eP	08	11.00	-0.4
	0.5s	5.79nm			4.7mb	
		e	09	13.69		
IMA	85.73	9	eP	08	11.19	-0.9
	0.9s	1.46nm			3.8mb	
KSP	146.31	347	iPKPc	15	12.50	1.1
CLL	146.48	351	iPKPd	15	12.90	1.3
	0.9s	14.00nm				
GRF	148.31	352	ePKP	15	18.40	3.8)
		e	15	22.00		
GEC2	148.74	349	ePKPc	15	18.80	3.4)
	0.5s	1.45nm				

S.D. = 1.2 on 22 of 28 obs.

? NOV 28, 1992 08h 23m 02.23±8.70s
31.467 S ±28.0km 70.074 W ±70.0km
DEPTH = 33.0km (normol)
CHILE-ARGENTINA BORDER REGION (127)
RTBS 0.56 110 ePd 23 12.50 -1.2
RTLL 1.38 85 ePd 23 26.40 1.0
CFA 1.57 96 e(P) 23 28.00 -0.2
MOZ 1.75 144 iS 23 30.90 0.1
RTPR 3.27 70 e(P)c 23 52.30 -0.1
MRA 3.83 105 e(P) 24 02.00 1.8
TCA 4.69 90 e(P) 24 11.30 -1.3
S.D. = 1.4 on 7 of 7 obs.

* NOV 28, 1992 09h 51m 46.63s
60.567 N 147.415 W
DEPTH = 18.1km
SOUTHERN ALASKA (2)
<AEIC>. ML 2.9 (AEIC).
GLI 0.35 27 ePd 51 53.63 -0.5
HIN 0.48 110 iPc 51 55.89 -0.5
FID 0.50 68 iPc 51 55.28 -1.3
LTI 0.57 203 iPd 51 57.20 -0.6
MTU 0.59 192 ePd 51 57.73 -0.5
VZW 0.65 40 eP 51 58.13 -1.1
VLZ 0.78 43 iPc 52 00.11 -1.2
CVA 0.82 91 iPc 52 00.88 -1.2
PTE 0.85 291 ePc 52 01.32 -1.1
MPA 0.97 266 iPc 52 03.14 -1.4
KNK 0.99 330 ePc 52 03.70 -1.2
SGAM 1.09 93 iPc 52 05.04 -1.7
SEW 1.11 246 ePc 52 05.24 -1.8
KLU 1.18 37 iPc 52 06.61 -1.6

28d 09h

PMS	1.25	304	ePc	52	21.34	-1.5	LNV	1.14	173	iS	16	58.60	YAK	86.46	343	eP	16	20.00	-8.3X					
			eS	52	23.26				iP	16	45.34	-0.3		1.2s	55.00nm			5.3mb						
MID	1.26	154	eP	52	08.61	-0.7	FCH	1.20	115	iP	16	46.54	-0.2	ORV	86.82	46	iPd	16	30.80	0.3				
SCM	1.27	2	ePd	52	08.34	-1.2			iS	17	03.56		GTA	86.84	313	P	16	30.50	-0.3					
SML	1.32	341	iPd	52	89.28	-1.0	PCH	1.20	132	iP	16	46.77	0.2		1.2s	26.00nm			4.9mb					
PLRM	1.32	322	eP	52	08.85	-1.3			iS	17	05.04		CMB	86.90	48	eP	16	31.22	0.2					
			S	52	25.99		CACH	1.53	148	iP	16	53.13	1.7		0.9s	13.29nm			4.8mb					
RAGM	1.37	96	eP	52	08.98	-1.9			iS	17	15.05		ISA	87.24	51	eP	16	33.08	0.3					
SLKM	1.39	269	iPc	52	09.51	-1.6	MDZ	2.30	92	eP	17	06.40	4.0X	PLM	87.48	54	ePd	16	34.62	0.5				
			eS	52	27.82				iS	17	37.20		GSC	88.32	52	eP	16	37.82	-0.1					
GHO	1.41	329	ePc	52	10.66	-0.9	CFA	3.08	68	e(P)	17	14.80	1.4	BONR	88.35	49	eP	16	37.28	-1.0				
HMT	1.58	97	eP	52	12.08	-1.8		S.D. = 0.9	on	12	of	13	obs.	BOD	88.91	334	iPc	16	39.20	-0.9				
			S	52	32.57										1.2s	26.00nm			5.0mb					
PWA	1.62	313	ePc	52	13.37	-1.0		NOV	28,	1992	11h	04m	09.42±	0.60s	GLA	88.92	55	eP	16	41.26	0.5			
KAIM	1.63	112	eP	52	12.90	-1.7			18.838	S	±	4.2km	169.222	E	±	6.0km	TNP	89.18	49	eP	16	41.88	-0.2	
TOA	1.66	21	eP	52	14.47	-0.6									1.2s	12.93nm			4.7mb					
TZL	1.77	32	eP	52	16.49	-0.1																		
SUA	1.85	300	ePc	52	16.30	-1.7									SHW	89.44	40	eP	16	43.73	0.7			
NKA	1.89	277	eP	52	17.72	-0.6									FBA	89.70	17	eP	16	41.24	-2.4			
GLB	1.96	62	iPc	52	17.96	-1.5										0.8s	6.84nm			4.6mb				
			eS	52	41.72		PVC	1.39	321	iPc	04	44.90	0.9	GMW	89.75	39	eP	16	44.29	0.1				
CROM	2.11	83	eP	52	19.96	-1.8				iS	05	11.50		LON	89.96	40	eP	16	45.09	-0.2				
SDG	2.16	24	ePd	52	22.16	-0.2	8KM	1.49	321	iPc	04	45.10	0.3	ZAK	89.96	324	iPc	16	44.40	-0.6				
CNPM	2.18	243	eP	52	20.97	-1.7				iS	05	13.50			1.2s	18.00nm			4.9mb					
WAX	2.26	91	eP	52	21.04	-2.7	DZM	4.14	219	iPc	05	13.60	-0.5	RMW	90.29	39	eP	16	47.11	0.3				
SNH	2.31	98	eP	52	22.77	-1.6				iS	06	04.00		ARUT	91.80	51	eP	16	54.58	0.5				
SKT	2.44	307	eP	52	24.02	-2.3	BRS	17.35	238	iPc	07	59.00	-0.8	TUC	91.80	57	eP	16	54.56	0.5				
CP2	2.46	289	eP	52	24.12	-2.6	ARMA	19.69	231	eP	08	24.30	0.2		1.2s	21.88nm			5.1mb					
NCG	2.46	292	eP	52	24.57	-2.0			0.4s	7.00nm		4.5mb	MSU	92.99	50	eP	16	59.83	0.2					
BGL	2.53	288	ePc	52	25.14	-2.5	HBZ	20.31	159	P	08	30.10	0.0	GUN	93.00	298	PKP	16	59.00	-1.1				
BALM	2.53	77	eP	52	25.50	-2.1	RMQ	20.35	244	iPd	08	31.20	0.6	PKI	93.28	298	PKP	17	00.00	-1.3				
DFR	2.60	273	ePc	52	25.73	-2.9			0.6s	16.00nm		4.7mb	KKK	93.46	298	PKP	17	01.00	-1.0					
REF	2.61	271	ePc	52	25.96	-3.0	URZ	20.54	162	eP	08	33.00	0.6	DMN	93.54	298	PKP	17	01.50	-1.0				
RSO	2.64	270	ePc	52	26.28	-3.1	NOZ	21.15	161	P	08	37.00	-0.5	GKN	94.06	298	PKP	17	03.20	-1.5				
RS2	2.64	270	eP	52	26.46	-2.9	CTA	21.69	263	P	08	45.00	1.3	PV09	95.22	51	eP	17	09.80	-0.2				
RS1	2.64	270	eP	52	26.44	-2.9	ORZ	22.10	173	P	08	49.00	1.4	PV08	95.60	51	(P)	17	09.23	-2.6X				
RDW	2.67	271	eP	52	26.65	-3.1	MNG	22.36	167	P	08	49.70	-0.5	GBA	95.95	282	P	17	14.00	0.7				
NCT	2.72	272	eP	52	27.40	-3.0	KIW	22.49	169	P	08	51.10	-0.3	YKA	100.32	27	ePd	17	31.70	-0.4X				
YAH	2.82	92	eP	52	30.45	-1.4	PGZ	22.54	166	P	08	51.10	-0.7		0.9s	3.60nm			4.8mb					
CTGM	3.01	80	eP	52	32.90	-1.6	TCW	22.72	170	P	08	53.90	0.3	SLL	135.00	343	ePd	19	49.40	-16.7X				
TRF	3.20	336	eP	52	36.26	-0.9	CAW	22.75	169	P	08	53.50	-0.5		0.4s	1.30nm								
	50 obs. associated						MRW	22.81	169	P	08	54.10	-0.4	KSP	141.53	332	ePKP	23	10.00	-6.2X				
	%	NOV	28,	1992	10h	10m	16.61±	0.52s	MTW	22.89	168	P	08	54.10	-1.2	CLL	142.55	335	e(PKP)	23	13.00	-4.9X		
			42.767	N	±	4.9km	19.157	E	±	4.3km	DSZ	22.94	175	P	08	56.70	0.9	ZST	143.00	329	ePKP	23	13.00	-5.8X
			DEPTH =	10.0km	(geophysicist)		THZ	23.07	173	P	08	57.10	0.0	MOX	143.61	336	ePKP	23	16.60	-3.2X				
			NORTHWESTERN BALKAN REGION	(383)			BLW	23.08	168	P	08	56.20	-1.0		1.4s	36.00nm								
			ML 1.6	(TTG).			AMW	23.09	167	P	08	56.30	-0.8	HOF	143.77	335	iPKPd	23	17.10	-3.0X				
							MOW	23.09	168	P	08	56.20	-1.1	VAY	143.81	315	iPKP	23	16.70	-3.7X				
							PMG	23.34	291	eP	08	59.20	-0.5		1.0s	61.00nm								
								1.0s	42.00nm		5.0mb	GEC2	144.13	332	e(PKP)	23	18.10	-2.8X						
NKY	0.13	291	iPgc	10	20.16	0.4	KHZ	23.79	172	P	09	02.30	-1.5		0.8s	11.70nm								
			iSg	10	22.87		CNB	24.05	223	eP	09	07.00	0.6	SKO	144.23	317	iPKPc	23	19.00	-2.1X				
TTG	0.35	167	iPgc	10	23.49	-0.2	BWA	24.15	226	eP	09	08.40	1.1		1.0s	151.00nm								
			iSg	10	29.12		CAN	24.29	223	iPd	09	09.00	1.3	WET	144.26	333	ePKP	23	18.80	-2.2X				
BRY	0.47	287	iPg	10	26.02	-0.2	STK	28.05	237	iPc	09	45.60	2.8X	GRF	144.52	335	iPKP	23	19.80	-1.6X				
			iSg	10	33.92				e	10	32.30		DMU	144.88	356	ePKP	23	20.50	-1.3					
IVA	0.56	79	iPg	10	27.82	-0.1			e	12	54.10		OHR	145.08	316	iPKP	23	21.10	-1.6X					
			iSg	10	36.39		ASPA	33.21	255	iPd	10	25.80	-2.3X		0.9s	91.00nm								
HCY	0.58	237	iPgc	10	28.18	-0.2			0.4s	80.50nm		5.7mb	PTJ	145.13	327	iPKPd	23	22.00	-0.6					
PLE	0.59	17	iPg	10	37.01					ePcS	14	48.80		BHG	145.34	332	ePKP	23	21.90	-0.9				
			iSg	10	37.17		MEEK	47.07	251	eP	12	17.00	-4.5X	DLF	145.45	356	ePKP	23	21.20	-1.6				
PVY	0.63	106	iPgc	10	29.41	0.1	MAT	62.39	332	eP	14	09.00	-2.4		1.2s	153.00nm								
			iSg	10	38.79			1.1s	12.66nm		4.6mb	DCN	145.45	356	ePKP	23	21.00	-1.8X						
ULC	0.81	175	iPg	10	32.62	0.4	YSS	69.77	341	eP	14	57.00	-0.8		1.1s	189.00nm								
			iSg	10	44.64			1.2s	20.00nm		4.7mb	KBA	145.60	330	iPKPd	23	22.50	-1.0						
			S.D. = 0.3	on	8	of	8	obs.	MDJ	72.76	332	eP	15	14.60	-1.1		0.6s	9.50nm						
										1.0s	18.00nm		4.8mb	FUR	145.70	334	iPKPc	23	23.10	-0.3				
										CN2	74.11	329	eP	15	21.00	-2.5X								
											0.8s	20.00nm		4.9mb	LJU	145.76	328	ePKP	23	22.50	-1.1			
											1.0s	9.60nm		4.5mb	VBY	145.76	327	e(PKP)	23	06.00	-17.6X			
											1.0s	11.00nm		4.6mb			i	23	21.60					
											1.0s	14.00nm		4.6mb			i	23	23.80					
											1.0s	20.00nm		4.8mb	CEY	146.02	328	ePKP	23	24.00	-0.1			
											1.0s	20.00nm		4.8mb	SNF	146.20	343	PKP	23	24.70	0.6			
											1.0s	20.00nm		4.8mb	FVI	146.21	330	PKP	23	23.10	-1.1			
											1.0s	20.00nm		4.8mb	WTTA	146.24	332	iPKPd	23	24.80	0.2			
											1.0s	20.00nm		4.8mb		1.1s	33.90nm							
											1.0s	20.00nm		4.8mb	WLF	146.38	340	PKPc	23	27.00	2.6X			
											1.0s	20.00nm		4.8mb	DOU	146.48	342	PKPd	23	25.30	0.7			
											1.0s	20.00nm		4.8mb		1.0s	22.20nm							
											1.0s	20.00nm		4.8mb	CDF	147.07	338	iPKPc	23	26.80	1.1			
											1.0s	20.00nm		4.8mb		1.1s	36.65nm							
											1.0s	20.00nm		4.8mb	SLE	147.15	336	ePKPd	23	27.00	1.2			

HAU	147.74	338	iPKPc	23	28.50	1.8	DEPTH = 33.0km (normal)				KNA	25.47	235	eP	38	42.00	10.5)					
	1.0s	23.40nm					VANUATU ISLANDS				ASPA	27.10	215	iPd	38	45.90	-0.6					
VDL	147.78	333	ePKPd	23	29.40	2.3						1.0s	5.40nm				4.1mb					
BCAO	148.00	247	iPKPc	23	29.80	1.6	PVC	2.57	301	iPd	58	36.10	0.2	WARB	33.41	221	eP	39	42.50	0.0		
	0.7s	24.00nm							iS	59	01.00		MBL	35.50	235	eP	40	02.70	2.2			
		ic	24	20.00			BKM	2.66	302	iPc	58	37.00	-0.2	MEEK	39.32	228	eP	40	33.70	1.1		
TMA	148.33	334	ePKPd	23	30.00	2.1			iS	59	02.50		MRWA	42.68	227	eP	41	03.00	2.9)			
ARV	148.33	326	PKP	23	31.10	3.3X	DZM	4.90	232	iPc	59	09.00	-0.1		0.4s	2.00nm			4.2mb			
VAI	148.57	333	PKPc	23	30.20	2.2			iS	59	58.50		GUN	68.33	301	P	44	11.20	5.6)			
SFI	148.60	328	PKP	23	32.10	4.0X	MNG	21.85	170	P	02	47.60	0.3	PKI	68.65	300	P	44	10.26	2.7)		
MMK	148.75	334	ePKPd	23	31.90	3.2X	PGZ	21.99	168	P	02	48.90	0.2	KKN	68.82	301	P	44	07.04	-1.4		
ASS	148.78	326	PKPc	23	30.70	2.1			eS	04	29.00		DMN	68.92	300	P	44	09.06	-0.1			
AQU	148.86	324	PKPc	23	32.90	4.2X	KIW	22.01	171	P	02	48.60	-0.2	S.D. = 1.5 on 8 of 12 obs.								
SGO	148.87	320	PKPc	23	31.30	2.6X	TCW	22.27	173	P	02	52.90	1.5	? NOV 28, 1992 12h 34m 19.51± 4.67:								
DIX	148.95	335	ePKPd	23	32.60	3.5X	CAW	22.27	171	P	02	50.70	-0.7	51.324 N ±35.8km 16.092 E ±30.5kr								
FLN	149.01	347	iPKPc	23	31.50	2.8X	MRW	22.34	172	eP	02	51.50	-0.6	DEPTH = 10.0km (geophysicist)								
	1.2s	51.45nm					MTW	22.39	170	P	02	51.90	-0.7	POLAND (548)								
SDI	149.05	323	PKPc	23	31.60	2.6X	AMW	22.57	170	P	02	54.50	0.1	BRG	1.43	252	iPg	34	45.00	-0.4		
LDF	149.09	346	iPKPc	23	31.60	2.8X	BLW	22.59	170	P	02	54.10	-0.4			iSg	35	04.80				
	1.2s	30.95nm					MOW	22.60	171	P	02	54.40	-0.3	PRU	1.66	217	Pg	34	49.00	0.2		
BDI	149.12	329	PKP	23	31.40	2.3	THZ	22.68	176	P	02	56.40	0.9			e	34	53.00				
BOB	149.13	331	PKPc	23	32.20	3.1X	S.D. = 0.7 on 14 of 14 obs.								Sn	35	06.50					
EMS	149.15	336	ePKPc	23	32.70	3.5X	* NOV 28, 1992 12h 08m 50.62± 0.91s								Sg	35	12.80					
LOR	149.21	340	ePKP	23	32.20	3.1X	26.861 S ± 6.6km 26.585 E ±13.3km								ePg	34	53.00	0.2				
LBF	149.43	340	iPKPc	23	32.70	3.3X	DEPTH = 5.0km (geophysicist)								eSg	35	19.00					
SSF	149.51	341	iPKPc	23	33.10	3.6X	REPUBLIC OF SOUTH AFRICA (584)								iPn	34	54.20	-0.1				
	1.0s	25.40nm					mbLg 3.7 (BUL).								0.2s	1.50nm						
LPL	149.69	335	ePKP	23	34.00	3.9X	KSR	1.03	16	eP	09	12.00	1.3			eSn	35	24.90				
LPG	149.69	335	ePKP	23	34.20	4.0X	SEK	1.72	148	iPd	09	20.50	-1.1	MOX	2.91	258	ePg	35	12.30	5.6)		
	1.1s	26.35nm							S	09	41.50				iSg	35	52.90					
SMF	149.77	340	iPKPc	23	33.40	3.5X	SLR	1.89	54	iPd	09	25.00	1.0	GEC2	2.92	213	Pg	35	11.10	4.2)		
	1.1s	10.00nm					BLF	2.27	189	iPd	09	30.50	1.0	S.D. = 0.5 on 4 of 6 obs.								
SDI	149.78	315	PKPc	23	34.20	4.1X			S	09	55.50		NOV 28, 1992 14h 17m 53.45± 0.64:									
AVF	149.80	341	iPKPc	23	33.40	3.5X	BFT	3.32	70	iPc	09	44.50	0.0	43.609 N ± 4.4km 8.125 E ± 4.5kr								
	1.1s	9.50nm							S	10	16.00		DEPTH = 10.0km (geophysicist)									
LPF	149.82	347	iPKPc	23	33.80	3.9X	BUL	6.94	16	iPn	10	35.00	-0.6	CORSIKA (380)								
	0.8s	20.15nm							iSn	11	50.00		ML 2.4 (LDG), 2.2 (GEN), 1.9 (STR).									
CKI	149.92	332	PKP	23	29.10	-1.1			iSg	12	23.50		IMI	0.35	331	P	18	00.13	-0.5			
BNI	150.09	335	PKP	23	35.60	5.0X	CIR	7.40	39	iPn	10	41.80	-0.1			S	18	03.88				
BGF	150.16	341	ePKP	23	34.50	4.0X			iSg	12	40.00		SAOF	0.56	313	Pg	18	04.71	-0.1			
	1.0s	20.00nm					KRI	10.37	16	iPn	11	22.00	-1.3	SBF	0.56	297	Pg	18	05.14	0.3		
SURF	150.50	334	PKP	23	35.37	4.0X			iSn	13	13.00				Sg	18	12.29					
SAOF	150.58	332	PKP	23	35.08	3.8X			iSg	14	12.50		REVF	0.57	284	Pg	18	05.62	0.7			
TCF	150.60	341	iPKPc	23	35.70	4.5X	BCAO	32.07	345	iPd	15	20.50	-0.3			Sg	18	13.68				
	1.0s	14.00nm							id	17	26.60		FIN	0.60	6	P	18	05.21	-0.4			
SBF	150.73	332	ePKP	23	35.60	4.1X			id	18	26.00				S	18	11.80					
	1.0s	33.20nm					S.D. = 1.1 on 9 of 9 obs.						AUTN	0.64	308	Pg	18	05.92	-0.5			
AURF	150.76	333	PKP	23	35.68	4.1X	& NOV 28, 1992 12h 18m 22.64s						AURF	0.64	296	Pg	18	06.51	0.1			
MVIF	150.83	333	PKP	23	35.53	3.7X	34.390 N 116.456 W								Sg	18	14.59					
LSF	150.84	342	ePKP	23	35.80	4.3X	DEPTH = 5.6km						ROB	0.71	345	P	18	06.81	-0.7			
MFF	150.96	345	ePKP	23	36.30	4.6X	SOUTHERN CALIFORNIA (43)								S	18	14.87					
PGF	151.03	329	iPKPc	23	36.60	4.5X	<PAS>. ML 3.0 (PAS).						TOUF	0.75	303	Pg	18	08.10	-0.2			
	0.9s	54.05nm					PEC	0.77	230	iPc	18	36.54	-1.5			Sg	18	18.27				
CALN	151.06	333	PKP	23	36.61	4.5X	GSC	0.95	343	ePc	18	40.26	-1.0	MVIF	0.76	293	Pg	18	08.71	0.3		
FRF	151.32	333	iPKPc	23	37.00	4.7X	SSK	1.04	260	ePc	18	41.51	-1.3	ENR	0.80	321	P	18	08.46	-0.6		
	1.1s	21.00nm							eS	18	55.74				S	18	18.07					
LRG	151.53	333	iPKPc	23	37.70	5.1X	PLM	1.09	198	eP	18	42.33	-1.3	CKI	0.82	8	P	18	08.60	-0.8		
	1.2s	40.45nm							eS	18	57.50				eSg	18	18.80					
LMR	151.56	333	iPKPc	23	37.60	4.9X	GLA	1.90	134	ePn	18	52.84	-3.2	STV	0.86	318	P	18	09.60	-0.5		
	1.2s	27.95nm							ePg	18	57.58				S	18	19.67					
RJF	151.70	342	ePKP	23	38.10	5.3X	ISA	2.09	308	ePn	18	56.81	-1.9	CALN	0.91	280	Pg	18	11.40	0.5		
	1.1s	9.50nm							ePg	19	00.71		PCP	0.98	18	P	18	11.29	-0.8			
S.D. = 1.1 on 92 of 150 obs.							ABL	2.33	282	ePn	19	01.17	-1.2			S	18	24.06				
% NOV 28, 1992 11h 53m 37.47± 2.47s									ePg	19	04.24		FRF	1.08	268	Pg	18	13.40	-0.3			
38.755 N ±12.7km 30.125 E ±25.1km							BONR	3.86	338	(Pn)	19	23.17	-1.0			Sg	18	26.20				
DEPTH = 10.0km (geophysicist)							ARUT	4.18	35	ePn	19	28.12	-0.4	PZZ	1.16	321	P	18	14.96	-0.3		
TURKEY (366)							MSU	5.37	39	(Pn)	19	44.68	-0.9	LMR	1.21	257	Pg	18	15.30	-0.6		
MD 3.0 (ISK).									ePg	19	59.27				Sg	18	29.70					
							10 obs. associated						PGF	1.24	149	Pn	18	16.50	0.0			
ALT	0.30	358	iPg	53	40.10	-3.7X	? NOV 28, 1992 12h 33m 04.55± 1.49s								Sn	18	32.10					
			iSg	53	44.10		1.580 S ±16.8km 150.295 E ±20.0km								Sg	18	32.90					
KHL	0.64	228	ePg	53	50.40	0.0	DEPTH = 33.0km (normal)						BHB	1.38	334	P	18	17.79	-0.9			
			eSg	54	02.40		4.2mb (2 obs.)								S	18	34.53					
DST	1.44	307	ePn	54	02.90	-0.7	NEW IRELAND REGION, P.N.G. (190)								RRL	1.63	324	P	18	22.87	0.4	
EYL	1.81	1	ePn	54	08.90	-0.1									RSP	1.66	338	P	18	23.24	0.4	
YLV	1.90	342	ePn	54	10.20	-0.1									ORX	2.03	357	P	18	30.41	2.3	
KCT	2.02	318	ePn	54	12.90	0.9									LPG	2.13	333	Pn	18	31.30	1.5	
S.D. = 0.8 on 5 of 6 obs.							RAB	3.20	144	iPc	33	54.00	0.4			LPL	2.15	333	Pn	18	31.50	1.4
% NOV 28, 1992 11h 57m 55.69± 1.04s									iS	34	13.00		S.D. = 0.8 on 26 of 26 obs.									
19.096 S ±12.7km 170.613 E ±13.9km							PMG	8.38	202	eP	35	05.00	-1.7	% NOV 28, 1992 14h 56m 27.69± 2.29								
									eS	36	11.00											

28d 14h

2.521 N ± 11.1 km 120.650 E ± 20.1 km
 DEPTH = 68.0 ± 10.3 km
 4.4mb (2 obs.)
 HALMAHERA, INDONESIA (267)

MNI	3.96	254	ePd	57	27.50	0.2
CGP	7.09	326	eP	58	11.00	0.0
WB2	23.02	166	iPd	01	08.60	-19.1X
	0.3s	1.10nm				
ASPA	26.53	169	iPd	01	58.70	-2.3
	0.8s	4.00nm				4.0mb
			e	03	13.30	
STK	36.35	161	eP	03	29.30	2.2
			e	04	41.30	
XAN	36.37	332	eP	03	26.20	-1.0
TIY	38.06	339	eP	03	41.00	-0.4
LZH	40.52	328	eP	04	02.50	0.6
	1.5s	19.00nm				4.7mb
LSA	44.67	311	eP	04	37.00	0.7
GUN	47.98	306	P	05	02.46	0.2
PKI	48.23	305	P	05	03.68	-0.5
KKN	48.42	306	P	05	05.44	-0.1
DMN	48.49	305	P	05	06.22	0.1
GKN	49.03	306	P	05	09.98	-0.1
HYB	51.33	290	eP	05	27.00	-0.6
WMQ	54.81	325	P	05	53.00	-0.1
KSH	60.22	315	eP	06	32.50	1.2
S.D.	= 1.1 on 16 of 17 obs.					

* NOV 28, 1992 15h 22m 41.56 ± 0.56 s
 22.730 S ± 8.1 km 176.727 W ± 10.6 km
 DEPTH = 133.6km (3 depth phases)
 5.0mb (17 obs.)
 SOUTH OF FIJI ISLANDS (171)

BKM	14.98	287	iPc	26	17.20	9.6X
DZM	15.58	269	iPc	26	22.70	7.5X
URZ	16.36	197	P	26	24.10	-0.6
NOZ	16.46	195	eP	26	26.60	0.7
PGZ	18.79	197	eP	26	50.70	-2.4
MNG	19.01	198	P	26	50.80	-4.7X
			S	30	10.50	
QRZ	20.19	204	P	27	06.90	-0.7
DSZ	21.26	204	eP	27	18.80	0.4
LTZ	22.00	202	P	27	25.70	0.1
LMZ	23.92	206	P	27	43.30	-0.9
TUZ	25.69	202	P	28	02.30	1.7
ARMA	29.25	248	eP	28	34.30	1.1
	0.6s	8.00nm				4.6mb
RMQ	31.55	256	iPd	28	54.90	1.6
	0.5s	16.00nm				5.0mb
CAN	32.33	239	eP	29	01.10	1.1
BWA	32.60	241	eP	29	01.20	-1.2
CMS	34.32	247	eP	29	17.30	0.1
	0.8s	15.00nm				4.8mb
QLP	35.59	256	iPc	29	29.00	1.0
	0.5s	40.00nm				5.5mb
TOO	35.60	237	eP	29	30.00	1.9
	0.5s	13.00nm				5.0mb
PMG	37.03	285	eP	29	40.80	0.6
	1.0s	40.00nm				5.2mb
STK	37.95	247	iPc	29	53.20	5.4X
ASPA	45.21	259	iPd	30	46.80	-0.3
	0.5s	25.40nm				5.2mb
			e	32	25.00	531kmX
WB2	45.49	264	iPd	30	48.60	-0.8
	0.6s	19.80nm				5.0mb
WRA	45.50	264	P	30	48.80	-0.7
	0.8s	8.70nm				4.5mb
KNA	51.70	267	eP	31	36.20	-1.1
	0.4s	19.00nm				5.3mb
MBL	58.45	258	eP	32	20.00	-5.9X
	0.5s	10.00nm				5.0mb
BAL	59.26	247	eP	32	29.50	-1.8
	0.4s	10.00nm				5.2mb
MUN	59.45	245	eP	32	33.00	0.3
MRWA	60.11	248	eP	32	36.00	-1.2
	0.5s	11.00nm				5.1mb
NANU	61.98	256	eP	32	49.50	-0.3
SPA	67.41	180	iPd	33	25.60	1.1
	0.8s	16.67nm				5.0mb
BONR	81.56	43	eP	34	47.40	1.4
			eP	35	20.89	132km
PMR	86.91	13	eP	35	11.30	-0.6
	0.8s	15.86nm				5.0mb
FBA	90.16	12	eP	35	26.29	-1.0
	0.6s	5.91nm				4.8mb

RSSD	93.94	44	(P)	35	45.09	-0.3
	0.8s	2.68nm				4.6mb
GUN	106.50	294	PKP	40	57.40	4.4X
KKN	106.97	293	PKP	40	58.20	4.4X
NAO	141.57	354	PKP	41	51.00	-7.0X
	0.6s	0.90nm				
HFS	141.91	352	ePKP	41	51.50	-7.1X
	0.4s	1.70nm				
LWI	144.05	228	iPKPc	42	05.90	0.6
HR1	149.58	297	ePKP	42	17.40	5.1X
JVI	150.16	295	ePKP	42	18.90	5.8X
KSP	150.16	343	ePKP	42	17.50	5.1X
		ic		42	23.60	
		e		42	54.00	
CLL	150.49	348	iPKP	42	18.00	5.1X
	1.0s	13.00nm				
		i		42	24.70	
		e		42	56.00	
BRG	150.70	346	iPKP	42	18.40	5.2X
		i		42	57.40	
RMN	150.99	292	ePKP	42	20.60	6.2X
PRU	151.39	345	ePKP	42	20.30	6.0X
GRF	152.37	349	ePKP	42	23.30	7.5X
		e		42	33.40	
GEC2	152.65	345	ePKP	42	16.40	0.1
	1.0s	0.65nm				
S.D.	= 1.1 on 31 of 48 obs.					

NOV 28, 1992 15h 28m 02.84 ± 0.55 s
 41.199 N ± 6.0 km 21.976 E ± 4.0 km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 ML 2.0 (SKO).

GRG	0.40	127	ePg	28	10.64	-0.4
			eSg	28	18.40	
VAY	0.46	75	iPg	28	12.20	-0.1
			iSg	28	19.40	
FNA	0.62	228	iPg	28	14.69	-0.6
			eSg	28	22.60	
KNT	0.70	93	ePg	28	16.20	-0.4
			iSg	28	26.64	
SKO	0.87	333	iPg	28	19.80	0.2
			iSg	28	31.50	
			Lg	28	35.20	
OHR	0.89	265	iPg	28	20.10	0.1
			eSg	28	34.60	
SOH	1.11	109	ePg	28	24.04	0.4
			iSg	28	40.28	
LIT	1.16	160	iPb	28	25.42	0.8
			iSb	28	43.28	
SRS	1.22	93	ePb	28	25.64	0.0
S.D.	= 0.5 on 9 of 9 obs.					

& NOV 28, 1992 15h 29m 48.57s
 62.973 N 151.121 W
 DEPTH = 125.9km
 CENTRAL ALASKA (1)
 <AEIC>.

KTH	0.59	9	iP	30	07.67	-0.4
			eS	30	22.26	
TRF	0.61	38	iP	30	07.93	-0.4
			eS	30	22.67	
HUR	0.68	89	eP	30	08.53	-0.1
			S	30	23.72	
SKT	1.01	191	eP	30	11.28	-0.3
			S	30	28.81	
RND	1.12	66	eP	30	12.12	-0.5
			eS	30	30.66	
MCK	1.25	51	eP	30	13.58	-0.4
PWA	1.45	156	eP	30	16.06	-0.1
SUA	1.53	173	eP	30	17.13	0.0
			S	30	39.13	
GHO	1.58	139	eP	30	17.44	-0.3
			eS	30	39.96	
NCG	1.65	198	eP	30	18.25	-0.4
PLRM	1.67	145	eP	30	17.61	-1.1
CGLM	1.72	194	eP	30	19.36	-0.1
SML	1.75	131	eP	30	18.82	-0.9
			eS	30	43.26	
BGL	1.82	200	eP	30	21.33	0.7
SPU	1.85	194	eP	30	20.22	-0.8
PMS	1.88	156	eP	30	20.75	-0.6
KNK	2.00	140	eP	30	21.63	-1.2

WRH	2.02	41	eP	30	22.04	-1.0
MLY	2.07	4	eP	30	22.40	-1.3
SCM	2.10	121	iP	30	23.07	-1.1
CCB	2.23	40	eP	30	24.54	-1.1
PTE	2.34	154	eP	30	26.28	-0.7
TOA	2.45	109	eP	30	27.98	-0.6
SLKM	2.51	170	eP	30	28.59	-0.7
PAX	2.58	88	eP	30	29.55	-0.7
SDG	2.61	97	eP	30	29.91	-0.6
GLM	2.61	37	eP	30	29.63	-0.9
MPA	2.63	161	eP	30	29.45	-1.3
TZL	2.80	107	eP	30	32.52	-0.5
KLU	2.85	119	eP	30	31.83	-2.0
FID	3.13	133	eP	30	35.50	-1.9
DOT	3.26	75	eP	30	37.52	-1.6
CNPM	3.46	181	eP	30	40.79	-1.0
GLB	3.75	111	eP	30	43.88	-1.9

34 obs. associated
 ? NOV 28, 1992 16h 07m 44.46 ± 3.35 s
 2.391 N ± 17.7 km 128.738 E ± 31.6 km
 DEPTH = 66.3 ± 27.1 km
 4.2mb (2 obs.)
 HALMAHERA, INDONESIA (267)

MNI	4.01	256	ePd	08	44.80	0.0
CGP	7.24	326	eP	09	30.00	0.0
WB2	22.87	166	iPd	12	43.20	0.0
	0.6s	7.60nm				4.3mb
ASPA	26.38	169	iPd	13	16.60	0.0
	0.7s	4.10nm				4.1mb
STK	36.20	161	iPd	14	47.00	4.3X
GUN	48.13	306	P	16	19.58	-0.8
PKI	48.37	305	P	16	25.40	3.1
KKN	48.57	306	P	16	22.34	-1.2
DMN	48.64	305	P	16	23.10	-1.1
S.D.	= 1.					

SPT	0.85	173	ePd	13	40.62	-0.8	GLM	6.06	21	ePd	14	50.50	-2.8					31	28.21	
PDB	0.88	293	ePc	13	40.74	-1.0	PCA	6.27	79	eP	14	53.75	-2.4	NVL	65.29	159	eP	31	26.00	-0.6
			eS	13	53.93		BCPM	6.58	80	eP	14	57.45	-2.9		1.0s	30.00nm				5.4mb
BRLK	0.92	70	eP	13	41.62	-0.7	IMA	6.66	356	ePnc	14	58.69	-2.9	Z	17s	1.00um				5.1mszX
			eS	13	54.56		PNL	6.71	82	ePc	14	59.12	-3.1	N	16s	0.50um				
RS1	1.01	355	iPd	13	42.80	-0.8	PRP	6.91	25	eP	15	02.27	-2.8	E	17s	1.00um				
RSO	1.01	356	iPd	13	42.86	-0.8	HQN	6.99	84	ePc	15	02.53	-3.6	SPA	66.32	180	iPc	31	34.50	1.0
			eS	13	57.79		FYU	7.08	22	eP	15	14.65	-3.6		0.9s	22.27nm		31	34.50	5.3mb
RS2	1.01	355	iPd	13	42.89	-0.8	YKA	18.50	64	eP	17	33.80	-2.8	ALO	67.54	329	ePd	31	42.33	0.8
RDW	1.04	354	iPd	13	43.06	-0.8		0.5s	3.90nm			3.9mb			0.7s	3.27nm				4.6mb
REF	1.04	357	iPd	13	43.17	-0.8	MBC	20.45	22	eP	17	58.00	0.6					31	52.92	34kmX
RDN	1.07	356	iPd	13	43.57	-0.6	RSSD	32.87	96	eP	19	52.61	-0.4	RSNY	68.12	357	eP	31	43.98	-0.8
			eS	13	58.85			0.7s	2.07nm			4.1mb			0.7s	6.83nm				4.9mb
NCT	1.12	352	iPd	13	44.15	-0.8	SRU	33.37	109	eP	19	57.59	0.2	EMM	68.29	3	eP	31	45.22	-0.5
			eS	14	00.07			103 obs.	associated											
RDT	1.13	5	P	13	44.00	-0.9							LMN	69.55	4	eP	31	55.50	2.0	
DFR	1.14	358	iPd	13	44.39	-0.8							EEO	70.53	354	eP	32	02.00	2.5	
NKA	1.46	27	ePd	13	50.08	0.9							LIC	70.67	74	P	31	58.90	-2.2	
SLKM	1.59	47	ePd	13	49.48	-1.6							TIC	70.88	73	P	32	00.10	-2.2	
KDC	1.71	178	iPd	13	50.86	-1.8							KIC	70.99	74	Pc	32	01.00	-2.0	
SEW	1.72	66	ePc	13	51.33	-1.4								0.7s	12.00nm				5.1mb	
			S	14	14.17								PV09	71.67	329	eP	32	06.24	-0.7	
CKL	1.75	4	eP	13	52.51	-0.8														
SPU	1.75	9	iPd	13	52.63	-0.6							PEC	72.39	321	(P)	32	10.96	-0.1	
			eS	14	14.89								SRU	72.82	329	ePc	32	13.98	0.4	
CKT	1.76	6	iPd	13	52.80	-0.6														
CKN	1.79	6	iPd	13	53.32	-0.4	FSA	4.87	119	iP	22	00.90	2.5							
BGL	1.82	3	iPd	13	53.44	-0.8	SLA	4.89	102	ePd	22	01.40	2.4	MSU	73.15	327	eP	32	17.31	1.7
CP2	1.82	5	iPd	13	53.69	-0.7	HJA	4.95	84	ePd	22	02.00	2.3							
CRP	1.83	7	iPd	13	53.38	-1.1														
CGLM	1.88	9	iPd	13	54.56	-0.5	CYA	6.41	137	ePd	22	21.00	0.6	ARUT	73.24	326	eP	32	17.85	1.8
MPA	1.93	56	ePd	13	54.43	-1.2	ARE	7.35	355	eP	22	32.00	-1.8							
			eS	14	19.19		CNCB	7.45	21	P	22	35.80	0.5	RSSD	74.16	336	ePc	32	22.16	0.8
NCG	1.97	6	iPd	13	55.74	-0.5	RTPR	7.49	151	ePd	22	33.80	-1.5		0.8s	5.80nm				4.7mb
SUA	2.21	24	iPd	13	59.02	-0.6	LPB	7.67	20	P	22	38.20	-0.1	BW06	75.30	332	(P)	32	27.87	-0.1
SVW	2.24	319	iPd	13	58.31	-1.7		1.0s	400.00nm			6.5mb X	ULM	77.03	344	eP	32	39.50	2.3	
PTE	2.28	50	ePd	13	59.06	-1.3	Z	16s	2.02um			4.6msz	LRM	78.98	332	eP	32	49.70	1.3	
PMS	2.35	39	P	14	00.50	-0.9							SES	82.03	335	eP	33	05.00	0.8	
LTJ	2.47	74	eP	14	01.39	-1.7	CCH	7.73	35	eP	22	35.00	-4.0	DPW	83.10	330	ePc	33	10.93	1.1
PWA	2.58	30	P	14	03.90	-0.7														
SKT	2.59	11	iPd	14	03.68	-1.1	RTLL	7.75	165	eP	22	38.50	-0.6	EVAL	85.70	46	iPc	33	23.50	0.4
PLRM	2.74	37	iPd	14	04.91	-2.0							EJIF	85.92	47	iPc	33	25.10	0.9	
PMR	2.74	37	ePd	14	04.52	-2.3	(S)						EPRU	86.37	47	eP	33	27.50	1.1	
KNK	2.84	44	eP	14	06.34	-1.9	ZOBO	7.89	19	iPd	22	41.80	0.2	MAL	86.79	47	iPd	33	29.20	0.8
GHO	2.95	36	ePd	14	07.84	-2.0							EHOR	86.83	46	iPd	33	29.40	0.8	
GLI	3.10	60	ePd	14	08.58	-3.3	Z	22s	0.95um				ELUQ	87.33	47	iPc	33	32.40	1.3	
SML	3.16	40	ePd	14	10.63	-2.1							EBAN	87.98	47	eP	33	34.50	0.4	
MID	3.20	88	P	14	11.60	-1.5	RTBS	7.90	172	ePd	22	43.40	2.3	ETOR	90.52	45	eP	33	46.00	-0.2
HIN	3.21	70	eP	14	10.51	-2.9	ZON	7.92	167	eP	22	48.00	6.6X	BCAO	91.12	86	ePd	33	49.00	-0.5
VZW	3.41	59	eP	14	13.49	-2.8	CFA	8.07	164	e(P)	22	43.20	-0.4		0.9s	5.00nm				4.9mb
SCM	3.52	45	ePd	14	15.54	-2.3	MDZ	9.19	170	e(P)	23	07.90	8.9X	YKA	92.81	341	eP	33	55.40	-0.7
VLZ	3.54	59	eP	14	15.33	-2.6	IHA	9.21	185	eP	23	17.50	18.3X		0.8s	2.90nm				4.8mb
CVA	3.61	69	eP	14	15.68	-3.2	TCA	9.28	145	iPd	22	57.80	-2.5	ASPA	127.07	209	iPKPd	39	49.70	0.4
HUR	3.81	21	eP	14	19.77	-2.1	MRA	9.65	154	ePd	23	03.50	-1.8		0.6s	5.60nm				
SGAM	3.86	71	eP	14	19.19	-3.2	RFA	11.10	170	ePc	23	23.00	-2.2	WRA	130.09	211	PKP	39	50.20	-4.9X
TTA	3.86	336	iPd	14	20.63	-1.9								0.5s	0.10nm					
KLU	3.88	55	iPd	14	20.33	-2.6	SIV	11.98	51	P	23	35.40	-1.9	GBA	148.28	103	PKP	40	31.00	3.2X
RAGM	4.09	73	eP	14	23.36	-2.5	NNA	13.11	333	eP	23	56.50	4.2X	HYB	150.62	97	ePKP	40	36.50	5.1X
TOA	4.12	47	P	14	24.20	-2.0		0.9s	12.60nm			5.0mb	MAT	152.05	304	(PKP)	40	40.00	7.0X	
TRF	4.16	14	eP	14	24.67	-2.2	VAO	21.85	93	eP	25	33.20	-4.5X		0.9s	10.08nm				
KAIM	4.17	80	eP	14	24.98	-1.9														
KTH	4.19	10	eP	14	26.51	-0.7	BAO	22.90	73	e(P)	25	43.00	-5.3X							
HMT	4.29	75	eP	14	26.14	-2.4														
			S	15	13.08															
RND	4.35	23	eP	14	27.61	-1.9														
TZL	4.37	50	eP	14	28.19	-1.5														
SDG	4.61	45	eP	14	30.98	-2.1														
MCK	4.63	21	eP	14	32.13	-1.2														
GLB	4.78	62	ePc	14	32.26	-3.2														
CRQM	4.91	71	eP	14	34.01	-3.4														
PAX	4.93	41	ePd	14	34.92	-2.6														
SNH	4.98	77	eP	14	35.98	-2.2	BDF	22.97	74	Pc	25	44.90	-4.0X							
WAX	5.00	74	eP	14	34.89	-3.6														
CYK	5.15	79	eP	14	38.65	-1.8														
BALM	5.35	68	eP	14	39.97	-3.4														
			S	15	37.04															
NEA	5.40	16	ePd	14	41.59	-2.5	BMA	24.46	93	eP	25	52.80	-10.5X							
WRH	5.46	21	eP	14	42.57	-2.3														
YAH	5.54	76	ePc	14	43.40	-2.8														
HDA	5.64	26	eP	14	44.78	-2.5														
MLY	5.66	8	eP	14	45.80	-2.0														
CCB	5.68	21	ePd	14	45.13	-2.7														
CTGM	5.82	70	eP	14	48.08	-1.9														
DOT	5.86	40	eP	14	48.75	-1.7														
MDM	5.89	18	eP	14	48.43	-2.4														
FBA	5.91	20	ePn	14	47.66	-3.4														
SDN	5.94	229	eP	14	47.56	-3.9														
			S	15	37.04															

[illegible]

GBA	51.07	285	eS	02 02.70		Z	16s	1.60um	5.3MszX	MTA	83.76	311	e	58 22.63	65kmX
ZAK	52.26	340	iPc+	54 47.00	-0.6			e	56 41.00	206kmX			iP	58 07.80	0.7
	2.0s	127.00nm		54 49.50	-0.5			e	58 06.00				e	01 24.00	
Z	15s	1.47um						e	59 43.00				ePPP	03 21.00	
N	14s	0.86um						iS	04 12.00				eS	08 22.00	
								e	04 27.00				e	08 26.00	
								e	05 39.00				ePS	09 12.00	
								e	08 10.00				eSS	13 56.00	
								e	56 02.50	-0.4			eSSS	17 20.00	
IRK	53.52	342	iP+	54 58.00	-1.3	FRU	62.55	318	iP				eP	58 08.14	0.5
	2.0s	113.00nm					2.5s	370.00nm	6.1mb				e	58 08.14	0.5
Z	20s	1.41um						eS	58 23.00	769kmX					
N	20s	0.75um						e	04 30.00						
E	18s	1.19um						iS	56 42.00	-1.1					
								i	57 00.00	67kmX					
								e	59 18.00						
								ePPP	00 56.00						
								iS	05 43.50						
								ePS	06 11.00						
MOY	54.15	339	iPc	55 04.10	0.2	BRVK	69.43	327	iPc	56 46.00	-0.6				
	1.8s	330.00nm					1.5s	230.00nm	6.0mb						
WMQ	54.00	324	iPc	55 08.50	-0.5	Z	22s	2.01um	5.3Msz						
	1.5s	140.00nm				N	18s	0.82um							
Z	20s	6.69um				E	22s	1.55um							
N	10s	6.44um						iS	05 50.00						
								iPc+	57 01.00	-0.5					
								e	06 24.00						
								eS	56 58.30	-3.0X					
								i	57 11.00	43km					
								e	57 24.00						
								ePPP	01 23.00						
								eS	06 17.00						
								ePPS	07 00.00						
								P	57 08.00	-0.4					
								e	57 28.00	6.0mb					
								eS	06 36.00	75kmX					
								PS	07 11.00						
								SS	11 20.00						
								iP+	57 18.50	-0.4					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					
								i	00 09.00						
								iS	06 55.00						
								e	07 14.00						
								ePS	07 28.00						
								eSS	11 41.00						
								iPc	57 24.00	-1.1					
								e	57 34.00	55kmX					

28d 17h

PRU	Z 21s	1.69um	5.5MsZ	TSM	10.95 280 ePc	01 38.70	-0.2	KSH	60.27 315 P	09 08.30	1.5
	103.30 323 ePd	iff59 37.50	-0.2	MKS	11.99 230 iPc	01 55.30	2.6X		1.0s	50.00nm	5.6mb
	e	03 18.50		PGP	13.35 325 eP	02 11.00	0.3	ELT	61.47 333 iPc	09 13.00	-1.5
BRG	103.34 324 ePd	iff59 38.00	0.1	BAG	15.97 330 eP	02 46.00	1.2		1.3s	29.00nm	5.2mb
	1.4s	14.00nm	5.5mb	CVP	16.56 336 eP	02 53.50	1.5		eS	17 33.00	
	e	59 53.40		PMG	21.86 123 eP	03 51.00	-0.5	QUE	64.46 302 eP	09 34.90	-0.1
CLL	103.73 324 ePd	iff59 39.00	-0.6	WRA	1.2s 109.38nm	04 02.50	0.1	TIK	69.04 0 iPd	10 02.50	-0.4
	1.8s	23.00nm	5.7mb	WB2	22.97 166 P	04 02.40	0.0		1.4s	18.00nm	4.8mb
	Z 18s	2.00um	5.7MsZ		1.1s 32.50nm	04 02.40	4.7mb	BRVK	69.50 327 iPc	10 05.00	-1.0
GEC2	104.22 322 ePd	iff59 41.30	-0.7	QIZ	24.71 313 eP	04 20.40	1.2		1.0s	38.00nm	5.3mb
	1.3s	3.23nm	5.0mb	MBL	25.06 200 eP	04 17.40	-5.0X		eS	19 10.00	
	e	59 49.00		ASPA	26.49 169 iPc	04 35.30	-0.4	MAIO	71.82 307 iPc	10 20.40	-0.2
	e	59 53.40			0.8s 32.90nm	04 35.30	4.9mb	SVE	76.03 328 iPd	10 44.70	0.3
TRI	105.28 319 ePKP	04 08.00	7.3X	NANU	28.02 207 eP	04 49.00	-0.6	ARU	77.00 328 eP	10 48.00	-1.8
	e	13 08.00		CTA	28.29 143 P	04 54.70	2.6X	IMA	82.72 24 eP	11 21.52	1.1
	e	14 24.00		WARB	28.58 184 eP	04 54.00	-0.6		1.2s	13.87nm	4.8mb
	e	17 44.00		WHN	31.03 335 Pc	05 16.50	0.2	PMR	84.09 28 eP	11 27.70	0.5
GRF	105.40 323 ePd	iff59 47.60	0.5		1.0s 18.00nm	05 16.50	4.8mb		1.0s	38.00nm	5.4mb
	Z 20s	1.00um	5.4MsZ	GYA	31.86 320 P	05 24.40	0.6	FBA	84.99 25 (P)	11 35.00	3.2)
	ePP	04 11.50			1.0s 9.60nm	05 24.40	4.6mb		1.2s	7.58nm	4.6mb
ISA	106.76 52 PKP	04 10.00	6.0X	CHG	33.34 301 ePc	05 37.00	0.3	BALM	87.33 29 (P)	11 46.00	2.5)
	Z 18s	1.74um	5.6MsZ		1.1s 25.95nm	05 37.00	5.0mb	MBG	92.72 13 eP	12 09.50	1.2
SRU	111.62 46 ePKP	04 13.83	0.6	KMI	33.64 314 eP	05 36.00	-3.5X	YKA	99.80 25 eP	12 40.50	-0.3
RSSD	113.80 39 ePKP	04 17.53	0.2	MRWA	33.80 200 eP	05 39.00	-1.5		0.8s	1.60nm	4.6mb
	Z 20s	0.84um	5.3MsZ		0.4s 3.00nm	05 39.00	4.6mb	CNCB	158.29 132 ePKP	19 14.00	19.0)
TUC	113.86 53 PKP	04 30.00	12.4X	COOL	33.96 192 eP	05 40.00	-1.9	SIV	163.49 145 (PKP)	19 01.00	1.3
	Z 19s	1.31um	5.5MsZ	BAL	34.85 198 eP	05 48.00	-1.5		S.D. = 1.1 on 63 of 74 obs.		
GOL	115.00 44 (PKP)	04 20.85	1.0		1.0s 32.00nm	05 48.00	5.2mb		% NOV 28, 1992 18h 02m 59.88±0.60s		
	Z 21s	0.76um	5.3MsZ	MAT	35.00 13 eP	05 48.00	-2.8		40.336 N ± 5.0km	23.326 E ± 5.1km	
ALQ	116.25 49 PKP	04 30.00	7.7X		0.8s 8.96nm	05 48.00	4.7mb		DEPTH = 10.0km (geophysicist)		
	Z 18s	0.62um	5.3MsZ	KLB	35.46 196 iPd	05 53.60	-1.0		GREECE	(364)	
UYO	125.32 44 iPKPc	04 40.30	0.9		0.5s 8.00nm	06 00.50	-1.0	THE	0.40 317 iPg	03 07.94	-0.2
MIAR	125.72 43 ePKP	04 40.19	0.0	MUN	36.27 198 eP	06 05.50	3.7X		eSg	03 12.86	
	Z 21s	1.55um	5.7MsZ	STK	36.31 161 eP	07 40.80		SOH	0.49 2 ePg	03 09.42	-0.3
TIO	126.49 312 iPKPc	04 44.00	2.0		e	07 40.80			eSg	03 16.46	
RSNY	128.63 21 PKP	05 00.00	14.6X	CD2	36.80 323 Pd	06 06.40	0.3	PAIG	0.49 146 ePg	03 09.50	-0.3
	Z 21s	0.77um	5.4MsZ		0.8s 39.00nm	06 12.20	0.3		eSg	03 16.38	
KIC	132.74 281 PKP	04 55.00	0.9	CMS	37.51 156 eP	06 12.20	4.8mb	OUR	0.50 90 ePg	03 10.34	0.3
	PP	07 18.00			1.2s 14.00nm	06 21.00	1.3		iSg	03 17.05	
	PKS	08 19.00		TIY	38.10 339 eP	06 24.00	-0.8	LIT	0.68 250 iPg	03 13.54	0.1
TIC	132.96 282 PKP	04 55.40	0.9	ADE	38.43 167 eP	06 24.00	-0.8		eSg	03 21.94	
	PKS	08 19.80		BJI	39.06 345 eP	06 28.20	0.6	SRS	0.81 14 ePg	03 15.86	0.3
LIC	133.04 281 PKP	04 55.40	0.7		1.0s 33.00nm	06 28.10	0.3		eSg	03 27.74	
	PKS	08 19.80		ARMA	39.37 148 eP	06 38.20	0.7	KNT	0.89 339 ePg	03 16.46	-0.4
CEH	133.68 32 PKP	05 10.00	14.7X		0.7s 19.00nm	06 38.20	5.5mb	GRG	0.94 312 ePg	03 18.34	0.5
	Z 19s	0.81um	5.5MsZ		1.4s 120.00nm	06 38.20	4.8MsZ		iSg	03 31.70	
PEL	144.58 151 ePKPc	05 14.00	-1.2	SNY	39.43 354 eP	06 49.50	40kmX		S.D. = 0.4 on 8 of 8 obs.		
MDZ	145.65 153 i(PKP)	05 18.20	1.1	LZH	40.57 328 Pc	12 26.00			NOV 28, 1992 18h 41m 35.94±0.98s		
LPA	147.27 170 ePKP+	05 21.00	1.5		Z 19s 1.24um	12 46.00			31.441 S ± 4.5km	72.308 W ± 12.0km	
NNA	152.97 111 ePKP	05 41.50	12.7X		E 10s 0.55um	06 44.50	2.5		DEPTH = 33.0km (normol)		
	1.4s	51.16nm			pP	06 43.00	0.4		OFF COAST OF CENTRAL CHILE	(134)	
	Z 20s	0.71um	5.5MsZ	BWA	41.14 155 eP	06 44.40	1.8		MD 4.5 (SAN).		
ARE	155.78 126 ePKP	05 46.00	13.1X	HHC	41.20 340 P	06 44.40	4.7mb	IHA	1.68 160 iPd	42 03.40	0.0
CNCB	158.32 132 ePKP	05 48.00	11.7X		1.0s 13.00nm	06 45.90	0.9		i(S)	42 21.80	
ZOBO	158.53 130 ePKP	05 43.00	6.3X	CN2	41.23 356 eP	06 48.50	0.0	ROCH	1.88 145 iP+	42 06.15	-0.4
	Z 24s	0.65um	5.4MsZ		1.0s 12.00nm	06 51.00	0.7	JACH	1.91 131 iPd	42 06.87	0.0
	LR	00 28.00		MDJ	41.51 163 iPd	06 57.00	1.4		iS	42 28.85	
SIV	163.55 145 PKP	05 47.00	5.9X		0.8s 23.00nm	06 57.00	5.0mb	LCCH	2.12 163 iP+	42 09.74	0.0
	S.D. = 1.0 on 154 of 190 obs.				44.22 125 iPc	07 07.00	-0.4	PEL	2.18 141 iP	42 10.83	0.1
% NOV 28, 1992 17h 56m 18.64±1.50s				DZM	44.73 311 iPc	07 13.60	1.8		iS	42 34.39	
40.309 N ± 8.8km	23.270 E ± 13.3km			LSA	45.99 13 eP	07 20.00	-1.0	SAN	2.44 146 eP	42 14.82	0.4
DEPTH = 10.0km (geophysicist)				YSS	48.04 306 P	07 37.92	0.0	RTBS	2.45 96 iPd	42 16.20	1.8
GREECE	(364)			GUN	48.28 305 P	07 39.36	-0.4	TACH	2.49 153 iP	42 15.44	0.4
PAIG	0.49 140 ePg	56 28.68	0.0	PKI	48.47 306 P	07 40.88	-0.2		iS	42 43.32	
	eSg	56 35.88		KKN	48.54 305 P	07 41.64	0.0	FCH	2.54 138 eP	42 16.32	0.3
SOH	0.52 7 ePg	56 28.76	-0.3	DMN	1.0s 139.00nm	07 45.44	-0.2		iS	42 44.82	
	eSg	56 36.40		GKN	49.08 306 P	08 07.00	0.4	LNV	2.62 163 iP+	42 16.11	-0.7
OUR	0.54 87 ePg	56 29.56	-0.1	GBA	51.83 285 P	08 08.50	-1.4		iS	42 45.41	
SRS	0.84 17 iPg	56 35.40	0.5	ZAK	52.35 340 eP	08 20.20	5.5X	PCH	2.65 146 eP	42 17.59	0.2
	eSg	56 47.12			1.6s 16.00nm	08 24.70	5.1mb		iS	42 47.37	
KNT	0.90 342 ePg	56 35.80	0.0	IRK	53.61 342 eP	08 24.70	5.1mb	CACH	3.03 152 eP	42 24.29	1.4
	eSg	56 48.12			2.0s 38.00nm	08 24.70	5.1mb		iS	42 57.71	
S.D. = 0.4 on 5 of 5 obs.				BOD	56.38 351 eP	08 36.80	-2.4X	ZON	3.10 93 eP	42 26.00	2.2)
NOV 28, 1992 17h 59m 02.46±1.12s					1.5s 20.00nm	08 36.80	4.9mb	MDZ	3.27 117 iP	42 38.80	12.7)
2.493 N ± 4.2km	128.698 E ± 7.5km			PRZ	59.92 319 eP	09 05.00	0.5		iS	43 09.00	
DEPTH = 64.5 ± 10.5 km					1.0s 60.00nm	09 05.00	5.7mb	RTLL	3.28 89 ePd	42 26.50	0.2
5 0mb (33 obs.)				MGD	59.92 13 eP	09 02.00	-1.9		S	43 05.00	
HALMAHERA, INDONESIA	(267)				e	09 13.00		CFA	3.48 94 e(P)	42 30.30	1.2
MNI	3.99 255 eP	00 03.70	1.1						S	43 10.00	
	1.2s 2707.80nm							RFA	4.63 137 ePd	42 45.20	-0.2
DAV	5.52 326 eP	00 23.60	-0.5								
BIP	6.19 337 ePd	00 29.00	-4.4X								
CGP	7.14 326 eP	00 44.50	-2.1								

(S) 43 54.00
 RTPR 5.11 79 e(P)c 42 50.10 -2.1
 MRA 5.69 102 e(P) 42 59.00 -1.4
 TCA 6.60 91 e(P) 43 10.50 -2.8X
 (S) 44 25.00
 FSA 7.68 48 e(P) 43 30.00 1.7
 e 43 35.00
 CNCB 15.09 16 P 45 10.00 1.0
 LPB 15.33 15 eP 45 12.00 0.0
 ZOBO 15.56 15 iPc 45 15.20 0.1
 SIV 18.48 36 P 45 52.60 1.4
 BAO 27.19 60 Pc 47 16.80 -1.9
 BDF 27.24 60 Pc 47 17.10 -2.1
 KIC 74.51 72 P 53 12.10 -1.3
 GBA 147.05 116 PKP 01 28.00 12.6X
 S.D. = 1.2 an 25 of 29 obs.

? NOV 28, 1992 18h 46m 13.46±3.01s
 15.159 S ±86.9km 73.325 W ±46.3km
 DEPTH = 127.7 ± 12.6 km
 4.3mb (2 obs.)
 SOUTHERN PERU (117)

NNA 4.65 312 eP 47 22.60 -0.3
 0.5s 15.49nm
 i 47 25.90
 eS 48 12.50
 ZOBO 5.13 103 P 47 29.30 -0.6
 LPB 5.21 106 eP 47 31.00 0.2
 CNCB 5.40 108 P 47 33.80 0.3
 CCH 7.24 109 eP 48 28.00 29.6X
 SIV 11.84 96 P 49 00.00 0.6
 LIC 70.91 78 P 57 18.40 -0.7
 KIC 71.22 78 P 57 20.40 -0.6
 0.6s 4.00nm 4.4mb
 YKA 83.87 342 eP 58 30.70 1.1
 0.8s 2.70nm 4.2mb
 WRA 135.76 219 PKP 05 24.40 3.0X
 0.6s 1.00nm
 GBA 151.64 89 PKP 05 58.00 9.6X
 S.D. = 0.9 on 8 of 11 obs.

* NOV 28, 1992 18h 53m 49.30±1.80s
 37.930 N ±14.3km 20.778 E ±18.3km
 DEPTH = 10.0km (geophysicist)
 IONIAN SEA (399)
 MD 3.5 (ATH).

VLS 0.29 329 iPbd 53 55.50 0.2
 VLI 2.10 124 ePn 54 25.00 0.0
 KZN 2.50 18 ePn 54 31.50 0.8
 OHR 3.18 0 ePn 54 44.00 3.7X
 VAY 3.66 22 ePn 54 47.00 -0.1
 SKO 4.07 7 ePn 54 52.00 -0.9
 S.D. = 0.9 an 5 of 6 obs.

? NOV 28, 1992 19h 02m 09.22±1.30s
 45.988 N ±10.9km 14.627 E ±10.1km
 DEPTH = 10.0km (geophysicist)
 NORTHWESTERN BALKAN REGION (383)
 Felt at Cikava, Slovenia.

LJU 0.09 311 iPd 02 11.50 -0.3
 eSg 02 13.90
 eRg 02 15.00
 CEY 0.29 209 ePg 02 15.00 -0.2
 eSg 02 19.50
 eRg 02 22.50
 VOY 0.51 275 e(Pg) 02 20.00 0.4
 iSg 02 26.10
 VBY 0.65 137 ePg 02 22.40 0.1
 iSg 02 32.60
 iRg 02 38.40
 S.D. = 0.5 an 4 of 4 obs.

* NOV 28, 1992 19h 25m 05.09s
 34.362 N 116.909 W
 DEPTH = 1.8km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 2.9 (PAS), 2.5 (GS).

PEC 0.51 204 iPd 25 14.84 -0.5
 S 25 22.32
 SSK 0.67 257 ePn 25 17.76 -0.6
 S 25 27.30
 GSC 0.94 5 iPc 25 22.72 -1.2
 PLM 1.01 178 ePd 25 23.97 -1.1

S 25 38.53
 ISA 1.83 316 ePn 25 35.53 -2.3
 Lg 26 03.26
 GLA 2.17 126 ePn 25 39.50 -3.3
 TNP 3.72 356 ePn 26 04.63 -0.4
 BONR 3.76 343 ePn 26 06.34 0.7
 MSU 5.63 41 (P) 26 31.46 -0.7
 9 obs. associated

* NOV 28, 1992 20h 22m 04.40±1.55s
 32.762 S ±11.1km 70.951 W ±11.4km
 DEPTH = 80.7 ± 12.8 km
 CHILE-ARGENTINA BORDER REGION (127)
 MD 3.7 (SAN).

ROCH 0.22 194 iP+ 22 16.60 -0.4
 iS 22 24.68
 JACH 0.31 75 iP+ 22 17.50 0.4
 iS 22 26.50
 PEL 0.44 150 iPd 22 17.94 0.0
 iS 22 26.74
 SAN 0.73 161 iPd 22 20.57 -0.1
 iS 22 31.64
 FCH 0.79 136 iP 22 21.79 0.1
 iS 22 33.98
 LCCH 0.88 216 iPd 22 22.60 0.3
 iS 22 35.51
 TACH 0.89 179 iPd 22 22.23 -0.2
 iS 22 34.62
 PCH 0.93 157 eP 22 22.86 -0.2
 iS 22 36.36
 LNV 1.25 198 eP 22 26.67 -0.2
 iS 22 43.16
 CACH 1.38 168 P 22 29.22 0.5
 iS 22 47.69
 TCA 5.58 77 e(P) 23 26.60 -0.2
 S.D. = 0.3 an 11 of 11 obs.

* NOV 28, 1992 21h 29m 13.63s
 40.314 N 124.487 W
 DEPTH = 5.0km
 NEAR COAST OF NORTHERN CALIF. (35)
 <GM-P>. MD 3.0 (GM).

KMPM 0.30 70 iPc 29 20.51 0.8
 FHC 0.62 38 iPc 29 26.77 0.7
 LGPM 1.40 64 ePc 29 38.03 -1.9
 WDC 1.51 79 ePn 29 39.33 -2.0
 LBFM 2.22 62 eP 29 50.88 -1.0
 NTYM 2.39 143 (P) 29 54.43 0.4
 ORV 2.42 107 iPd 29 52.56 -1.9
 HMR 3.00 135 (P) 30 03.56 0.9
 8 obs. associated

? NOV 28, 1992 21h 56m 06.85±3.15s
 16.489 S ±38.2km 177.312 W ±21.2km
 DEPTH = 18.5 ± 23.7 km
 4.8mb (6 obs.) 5.2Maz (1 obs.)
 FIJI ISLANDS REGION (181)

VUN 4.31 249 eP 57 11.10 -1.9
 eS 57 59.30
 AFI 5.93 65 eP 57 36.00 0.1
 e(S) 58 32.00
 BKM 13.86 263 iPc 59 37.00 12.2X
 DZM 16.30 248 iPc 59 59.00 2.4
 RMO 33.02 247 eP 02 44.70 1.5
 0.7s 18.00nm 5.1mb
 CMS 36.64 239 eP 03 13.30 -0.9
 1.0s 15.00nm 4.8mb
 TOO 38.88 230 eP 03 33.40 0.4
 STK 40.24 240 eP 03 47.20 2.9X
 WB2 45.92 258 iPd 03 50.00 -40.6X
 0.9s 2.50nm
 e 04 33.10

WRA 45.93 258 P 04 30.50 -0.1
 1.1s 1.00nm 3.7mb X
 ASPA 46.20 253 iPd 04 31.80 -0.9
 1.8s 17.30nm 4.7mb
 Z 22s 2.70um 5.2Maz
 BONR 77.42 44 (P) 08 03.36 0.3
 e 08 09.63
 TUC 80.01 52 eP 08 17.41 0.4
 0.9s 4.99nm 4.5mb
 RMW 80.71 35 eP 08 21.26 0.9
 e 08 27.62
 MSU 81.86 46 eP 08 26.78 0.0

HVU 83.03 43 (P) 08 33.21 0.5
 e 08 39.89
 PV09 83.98 47 eP 08 37.68 -0.1
 e 08 44.40
 FBA 84.20 12 eP 08 38.05 0.1
 0.8s 13.94nm 5.2mb
 PV08 84.35 47 eP 08 37.69 -2.0
 LRM 85.22 39 eP 08 44.50 0.8
 SES 88.26 36 eP 08 59.00 0.8
 RSSD 89.82 44 (P) 09 04.81 -1.2
 0.8s 2.43nm 4.5mb
 KSP 144.03 345 ePKP 15 41.30 -1.5
 PRU 145.24 347 PKP 15 45.00 0.1
 1.3s 13.10nm

e 15 49.50
 e 16 08.60
 GEC2 146.50 347 ePKP 15 50.40 3.2)
 0.8s 0.71nm
 e 15 54.40
 e 15 58.10
 e 16 12.30
 e 16 18.50
 WLF 146.79 356 PKP 15 48.00 0.6
 BCAO 160.37 234 iPKPd 16 10.00 2.8)
 0.8s 7.00nm
 id 16 52.00
 S.D. = 1.2 on 22 of 27 obs.

NOV 28, 1992 22h 33m 12.38±0.74s
 37.289 S ± 7.8km 176.682 E ±10.5km
 DEPTH = 289.8 ± 7.3 km
 3.3mb (2 obs.)
 NORTH ISLAND, NEW ZEALAND (159)

TAZ 0.95 188 eP 33 51.20 -0.5
 URZ 1.03 161 P 33 50.80 -1.2
 S 34 19.00
 WLZ 1.04 236 P 33 51.90 -0.2
 PATZ 1.14 197 P 33 52.80 0.0
 HBZ 1.33 104 P 33 51.50 -2.2
 PAHZ 1.60 170 P 33 55.60 0.1
 WHH 1.60 185 P 33 55.30 -0.3
 NOZ 1.71 142 P 33 56.30 0.1
 TANZ 1.84 179 P 33 58.60 1.1
 MOH 1.88 169 P 33 58.20 0.6
 MOZ 1.92 230 P 33 58.90 1.0
 NGZ 2.07 204 P 34 00.00 0.7
 CNZ 2.11 205 P 34 00.50 0.9
 MAHZ 2.12 154 P 34 00.20 0.6
 TTH 2.25 177 P 34 01.80 1.1
 WAHZ 2.42 186 P 34 02.70 0.4
 TEHZ 2.70 178 eP 34 05.60 0.8
 BSZ 2.86 208 eP 34 07.00 0.7
 PGZ 3.34 185 P 34 11.50 0.2
 MNG 3.45 195 P 34 12.60 0.1
 KIW 3.83 201 P 34 16.40 -0.2
 MTW 3.97 193 eP 34 17.60 -0.6
 CAW 4.02 198 P 34 18.50 -0.2
 AMW 4.08 190 P 34 19.90 0.6
 DIW 4.11 211 P 34 19.40 -0.4
 BLW 4.18 193 P 34 20.60 0.1
 MRW 4.23 201 P 34 20.80 -0.2
 S 35 13.40
 WEL 4.26 200 P 34 21.60 0.2
 eS 35 14.20
 MOW 4.27 195 eP 34 21.10 -0.5
 TCW 4.34 205 P 34 22.20 -0.1
 QRZ 4.79 221 eP 34 26.50 -1.0
 THZ 5.34 212 eP 34 34.30 0.2
 S 35 38.20
 KHZ 5.66 204 P 34 38.10 0.2
 S 35 43.60
 DSZ 5.83 219 eP 34 38.30 -1.7
 LTZ 6.45 210 eP 34 47.00 -0.4
 MQZ 7.11 204 eP 34 54.00 -1.5
 S 36 13.70
 ODZ 8.08 209 eP 35 18.90 0.2
 WBZ 40.60 283 iPc 40 26.30 0.4
 0.3s 1.50nm 3.8mb
 WRA 40.61 283 P 40 26.60 0.6
 0.6s 0.40nm 2.9mb
 S.D. = 0.8 on 39 of 39 obs.

* NOV 28, 1992 22h 46m 51.41s
 62.551 N 149.798 W
 DEPTH = 67.8km
 CENTRAL ALASKA (1)

HUR	0.43	10	iP	47	03.51	-0.1
			eS	47	12.49	
GHO	0.88	152	eP	47	08.66	0.0
PWA	0.90	182	iP	47	08.89	0.1
TRF	0.93	346	eP	47	09.02	-0.3
			eS	47	22.08	
RND	0.96	26	eP	47	09.34	-0.3
SKT	0.99	236	iP	47	10.05	0.1
			eS	47	23.83	
			eS	47	23.85	
PLRM	1.01	162	eP	47	10.26	0.1
SML	1.01	137	eP	47	10.13	-0.2
			eS	47	25.15	
KTH	1.13	334	eP	47	11.88	0.1
			eS	47	26.66	
SUA	1.18	203	eP	47	12.73	0.2
			eS	47	30.77	
MCK	1.25	18	eP	47	13.97	0.6
KNK	1.31	150	eP	47	14.58	0.5
PMS	1.32	175	eP	47	14.71	0.4
			eS	47	32.55	
SCM	1.36	121	eP	47	15.34	0.4
			eS	47	33.79	
NCG	1.60	225	eP	47	18.56	0.3
CGLM	1.63	221	eP	47	18.14	-0.4
CRP	1.70	222	eP	47	19.51	-0.2
PTE	1.73	167	eP	47	20.74	0.9
CP2	1.73	223	eP	47	19.85	-0.3
SPU	1.74	219	eP	47	20.87	0.8
CKN	1.75	221	eP	47	20.68	0.6
TOA	1.75	103	eP	47	21.21	1.0
CKT	1.77	221	eP	47	21.28	0.8
BGL	1.78	225	eP	47	21.48	0.8
SDG	1.97	89	eP	47	23.95	0.7
PAX	2.04	76	eP	47	24.60	0.4
			eS	47	50.40	
NEA	2.06	9	eP	47	24.14	-0.3
SLKM	2.06	186	eP	47	24.91	0.4
WRH	2.07	21	eP	47	23.98	-0.6
TZL	2.11	102	eP	47	25.40	0.3
KLU	2.11	118	eP	47	24.86	-0.4
GLI	2.11	141	eP	47	24.98	-0.2
VLZ	2.18	129	eP	47	25.29	-0.7
			eS	47	51.62	
HDA	2.26	33	eP	47	26.65	-0.5
CCB	2.28	22	eP	47	26.80	-0.7
DFR	2.40	216	eP	47	29.90	0.6
FID	2.40	137	eP	47	28.40	-0.8
SEW	2.46	176	eP	47	30.40	0.4
MDM	2.52	15	eP	47	30.17	-0.6
FBA	2.52	20	eP	47	30.26	-0.6
MLY	2.52	351	eP	47	30.26	-0.7
RDW	2.53	216	eP	47	30.63	-0.5
GLM	2.67	23	eP	47	32.18	-0.8
LTI	2.69	159	eP	47	31.85	-1.3
TTA	2.89	280	eP	47	35.00	-1.0
SGAM	3.01	131	eP	47	36.79	-0.9
GLB	3.04	109	eP	47	37.39	-0.7
CNPM	3.12	194	eP	47	39.20	0.0
BALM	3.85	110	eP	47	48.01	-1.6
WAX	3.94	119	eP	47	48.79	-2.0

• NOV 28, 1992 23h 39m 50.61 ± 2.34s
32.017 S ± 13.4km 71.846 W ± 17.2km
DEPTH = 7.5 ± 4.4 km
NEAR COAST OF CENTRAL CHILE (135)
MD 3.9 (SAN).

ROCH	1.19	144	iPd	40	13.50	0.4
			iS	40	35.32	
JACH	1.25	122	iPd	40	14.14	0.0
			iS	40	36.11	
LCCH	1.47	171	iPd	40	17.21	-0.3
			iS	40	40.53	
PEL	1.49	139	iP+	40	17.89	0.1
			iS	40	42.11	
TACH	1.80	155	iP	40	22.90	0.6
			iS	40	50.46	
FCH	1.85	135	iP	40	23.02	-0.3
			iS	40	51.60	
PCH	1.95	145	iP	40	24.85	0.3
			iS	40	53.76	
LNV	1.97	169	iP	40	24.85	0.2
MDZ	2.68	110	e(P)	40	38.60	3.7X

RTLL	2.96	78	ePc	40	39.00	0.1
CFA	3.10	83	e(P)	40	41.00	0.2
TCA	6.22	86	e(P)	41	20.00	-5.1X
S.D. = 0.3 on 10 of 12 obs.						

* NOV 28, 1992 23h 53m 46.77± 0.45s
17.213 S ±18.9km 177.005 W ±12.0km
DEPTH = 33.0km (normal)
4.9mb (15 obs.) 5.2Msz (27 obs.)
FIJI ISLANDS REGION (181)

SYA	4.42	258	eP	54	48.10	-5.2X
			eS	55	33.10	
AFI	6.01	58	eP	55	16.00	0.1
			eS	56	24.00	
BKM	14.09	266	iPc	57	09.00	2.8X
DZM	16.32	250	iPc	57	36.10	0.9
BRS	29.67	245	eP	59	53.00	1.1
			iS	04	51.00	
RMQ	33.01	248	eP	00	25.70	4.5X
	0.8s	22.00nm				5.1mb
CTA	34.88	259	iPc	00	37.00	-0.5
			iS	06	02.00	
CMS	36.53	240	eP	00	52.00	0.7
	1.0s	27.00nm				5.1mb
QLP	37.03	249	eP	00	55.30	-0.2
	1.0s	38.00nm				5.2mb
TOO	38.64	231	eP	01	09.10	0.1
	0.8s	23.00nm				5.0mb
STKA	40.14	241	eP	01	25.90	4.5X
			iS	07	38.50	
STK	40.14	241	P	01	27.00	5.6X
HON	42.59	27	P	01	50.00	8.5X
	Z	21s	2.21um			5.0Msz
WB2	46.06	259	eP	02	07.30	-2.3
	1.2s	3.80nm				4.2mb
WRA	46.08	259	P	02	08.10	-1.6
	1.0s	1.30nm				3.8mb X
ASPA	46.27	254	iP	02	09.90	-1.4
	0.9s	22.00nm				5.1mb
	Z	20s	10.50um			5.8Msz
			eS	07	56.60	
NANU	63.21	253	eP	04	13.60	-0.8
MAT	68.16	322	eP	04	42.00	-4.0X
	Z	20s	1.06um			5.1Msz
			eS	13	49.00	
SMY	70.08	354	P	05	10.00	12.7X
	Z	20s	2.17um			5.4Msz
SPA	72.90	180	iPc	05	18.30	3.9X
	0.8s	7.50nm				4.7mb
YSS	73.47	333	eP	05	19.20	1.5
	Z	18s	0.70um			5.0Msz
	N	20s	1.10um			
	E	20s	1.20um			
			e	19	28.00	
ISA	76.37	46	P	05	40.00	5.2X
	Z	20s	0.85um			5.0Msz
CMB	76.42	43	P	05	40.00	5.0X
	Z	18s	0.68um			5.0Msz
WDC	76.55	40	P	05	50.00	14.4X
	Z	21s	1.42um			5.2Msz
LGPM	76.58	39	eP	05	35.75	-0.1
BONR	77.74	44	eP	05	42.26	-0.3
TNP	78.53	44	eP	05	46.50	-0.3
SHW	80.13	35	eP	05	55.83	0.6
TUC	80.22	52	eP	05	56.50	0.6

	Z	21s	1.15um	5.2Msz
BGL	80.65	12 eP	05 58.23	0.6
CRP	80.70	12 (P)	05 58.21	0.3
RMW	81.13	34 eP	05 59.23	-1.2
PMR	81.62	13 P	06 10.00	7.5X
	Z	19s	0.99um	5.2Msz
SIT	81.74	22 P	06 10.00	6.8X
	Z	21s	3.30um	5.7Msz
MSU	82.15	46 eP	06 06.49	0.4
BALM	82.78	16 (P)	06 08.98	0.3
HVU	83.36	43 eP	06 12.48	0.3
SRU	83.57	46 eP	06 13.38	0.0
NEW	84.17	36 eP	06 15.50	-0.4
		1.0s	6.00nm	4.7mb
PTI	84.17	42 eP	06 16.47	0.2
BJI	84.24	315 eP	06 16.50	0.1
	Z	24s	0.64um	4.9MszX
		eS	16 44.00	
PV09	84.25	47 eP	06 16.79	-0.1
HHA1	84.37	42 eP	06 17.71	0.5

ALQ	84.62	51 eP	06 18.41	-0.3
	1.1 s	7.63nm		4.8mb
Z	20 s	0.79um		5.1Msz
PV08	84.63	47 eP	06 16.70	-2.2
FBA	84.85	12 eP	06 17.43	-1.5
	0.8 s	14.99nm		5.2mb
IMA	84.87	9 eP	06 17.90	-1.3
	1.1 s	11.60nm		5.0mb
LRM	85.59	39 eP	06 22.50	-0.9
8W06	85.94	43 eP	06 24.20	-1.0
	1.0 s	3.83nm		4.6mb
GOL	87.41	47 P	06 40.00	7.6>
Z	19 s	1.04um		5.3Msz
GLD	87.53	47 P	06 40.00	7.1>
Z	20 s	0.63um		5.0Msz
SES	88.67	36 ePc	06 37.20	-0.8
RSSD	90.14	44 eP	06 44.89	-0.3
	1.0 s	4.22nm		4.7mb
Z	20 s	0.92um		5.2Msz
WMOK	90.35	54 P	07 00.00	13.8>
Z	20 s	1.00um		5.2Msz
MIAR	94.34	55 P	07 10.00	5.5>
Z	18 s	0.29um		4.8Msz
TIK	95.82	345 eP	07 12.00	1.5
	1.0 s	9.00nm		5.2mb
		e	07 26.00	
FVM	97.77	53 P	07 30.00	10.0>
Z	18 s	1.62um		5.5Msz
SLM	98.09	52 P	07 30.00	8.6>
Z	19 s	0.60um		5.1Msz
CEH	106.17	57 PKP	12 20.00	10.4>
Z	19 s	0.55um		5.1Msz
RSNY	110.69	48 PKP	12 30.00	12.1>
Z	21 s	0.64um		5.2Msz
CBM	115.23	46 PKP	12 40.00	13.5>
Z	18 s	1.01um		5.5Msz
KSP	144.80	345 ePKP	13 20.00	-1.8
		i	13 23.10	
UZH	144.93	338 ePKP	13 23.20	1.1
Z	20 s	1.30um		5.7Msz
N	20 s	1.00um		
CLL	145.06	349 e(PKP)	13 23.00	0.8
WTS	145.16	356 ePKP	13 24.00	1.6
	1.0 s	12.00nm		
BRG	145.29	348 e(PKP)	13 24.50	1.8
MLR	145.91	331 ePKP	13 24.00	-0.1
MOX	145.94	350 ePKP	13 23.90	0.1
	1.6 s	22.00nm		
Z	22 s	0.50um		5.2Msz
N	21 s	0.60um		
PRU	146.00	347 ePKP	13 23.50	-0.4
	1.2 s	17.20nm		
Z	20 s	0.70um		5.4Msz
		e	13 27.20	
PRU	146.00	347 ePKP	13 28.00	4.1>
	1.0 s	5.40nm		
Z	18 s	0.70um		5.5Msz
N	18 s	0.60um		
E	18 s	0.50um		
		e	13 32.00	
		i	13 39.60	
VRAC	146.14	344 iPKPc	13 25.20	1.1
	2.8 s	213.10nm		
ENN	146.44	357 ePKP	13 25.00	0.5
	1.1 s	14.00nm		
UCC	146.48	358 PKP	13 30.00	5.4>
SNF	146.77	358 PKP	13 29.80	4.7>
GRF	146.93	350 ePKP	13 28.10	2.7>
Z	21 s	0.60um		5.4Msz
		e	13 31.50	
SRO	146.99	341 ePKP	13 37.00	12.3>
ZST	147.01	343 ePKP	13 30.10	4.5>
		e	20 23.50	
DOU	147.17	358 PKP	13 30.80	5.1>
GEC2	147.27	347 ePKP	13 28.50	2.4>
	0.8 s	1.82nm		
		e	13 34.90	
		e	13 39.30	
		e	13 43.20	
		e	13 46.80	
WLF	147.53	356 PKPc	13 33.00	6.7>
SOP	147.63	343 e(PKP)	13 29.00	2.4
KBA	149.01	346 i(PKP)	13 40.50	11.4>
	1.1 s	14.70nm		
WTTA	149.20	348 iPKPc	13 33.30	4.0>
	1.0 s	18.40nm		
		i	13 39.80	

RBL 149.56 345 PKP 13 37.60 7.8X
 LJU 149.69 344 e(PKP)13 33.60 3.7X
 VBY 149.99 343 e(PKP)13 33.60 3.3X
 CEY 150.00 344 e(PKP)13 35.50 5.1X
 TRI 150.20 345 ePKP 13 42.40 11.8X
 SKO 150.70 331 iPKP 13 36.80 5.3X
 i 22 25.00
 VAI 151.03 352 PKP 13 37.60 5.8X
 OHR 151.67 331 ePKP 13 38.20 5.1X
 BOB 152.00 350 PKP 13 51.80 18.3X
 BNI 152.07 354 PKP 13 44.90 11.3X
 BCO 160.17 232 iPKPc 13 45.10 0.4
 0.6s 3.00nm
 ic 13 53.10
 S.D. = 1.0 on 50 of 94 obs.

* NOV 29, 1992 00h 15m 04.92s
 34.364 N 116.922 W
 DEPTH = 0.1km
 SOUTHERN CALIFORNIA (43)
 <PAS-P>. ML 3.5 (PAS), 3.4 (GS).

PEC 0.51 203 iPd 15 14.73 -0.4
 SSK 0.66 257 ePnc 15 17.55 -0.5
 GSC 0.94 6 iPd 15 22.72 -0.9
 PLM 1.01 177 iPd 15 23.95 -1.1
 S 15 38.61
 ISA 1.82 316 ePn 15 35.90 -1.9
 ABL 1.96 285 ePn 15 38.15 -1.8
 GLA 2.18 126 eP 15 40.50 -2.5
 BCH 2.73 288 ePn 15 49.13 -1.8
 PHAM 3.21 298 eP 15 56.34 -1.2
 MTUM 3.27 336 ePn 15 58.09 -0.5
 ePg 16 05.08
 MRCM 3.54 339 ePn 16 01.42 -1.1
 ePg 16 11.39
 eS 16 58.61
 MEMM 3.68 334 ePn 16 03.83 -0.4
 TNP 3.72 356 ePn 16 04.70 -0.3
 BONR 3.75 343 ePn 16 05.19 -0.5
 ePg 16 15.89
 ARUT 4.43 39 ePn 16 13.53 -1.6
 CM8 4.61 324 Pg 16 32.66 15.1
 KVN 4.77 349 ePg 16 34.93 14.9
 ARN 4.78 310 ePn 16 17.94 -2.1
 TUC 5.53 110 eP 16 26.14 -4.5
 MSU 5.64 41 ePn 16 30.69 -1.6
 SRU 6.99 45 ePn 16 51.67 0.4
 ePg 17 15.17
 PV09 7.51 54 eP 16 56.89 -1.8
 22 obs. associated

* NOV 29, 1992 00h 21m 07.89±1.15s
 55.855 N ±11.9km 152.987 W ±12.2km
 DEPTH = 33.0km (normal)
 3.8mb (2 obs.)
 SOUTH OF ALASKA (17)

KDC 1.92 8 ePc 21 39.67 0.9
 SDN 4.29 266 eP 22 11.54 -0.9
 S 22 56.74
 SLKM 4.89 16 eP 22 20.18 -0.9
 BGL 5.43 3 eP 22 28.79 0.0
 CP2 5.44 4 eP 22 28.96 0.0
 CRP 5.45 4 eP 22 28.29 -0.7
 PMR 6.09 18 (P) 22 36.72 -1.2
 KLU 6.75 30 eP 22 44.78 -2.4X
 BALM 7.62 43 eP 22 59.71 0.2
 FBA 9.43 14 (P) 23 23.86 -0.5
 SRU 32.60 103 (P) 27 37.22 -1.2
 SDF 57.04 0 iP 30 49.00 -3.3X
 NAO 62.96 9 P 31 35.10 2.2
 0.5s 0.70nm 4.0mb
 GEC2 75.08 9 eP 32 49.80 2.0
 0.7s 0.40nm 3.6mb
 e 32 59.40
 S.D. = 1.3 on 12 of 14 obs.

? NOV 29, 1992 00h 37m 44.11±5.08s
 34.020 S ±39.1km 68.225 W ±39.5km
 DEPTH = 160.0km (geophysicist)
 MENDOZA PROVINCE, ARGENTINA (139)
 MD 3.6 (SAN).

FCH 1.86 291 iP+ 38 20.26 1.3
 IS 38 49.52
 PCH 1.95 281 iP+ 38 20.93 1.2

IS 38 49.31
 PEL 2.23 292 iPd 38 23.25 0.2
 IS 38 51.96
 TACH 2.29 278 iP 38 23.76 0.1
 IS 38 54.09
 JACH 2.39 303 iPd 38 24.77 -0.2
 IS 38 56.53
 CFA 2.41 360 e(P) 38 24.70 -0.4
 S 38 55.00
 ROCH 2.55 293 iP 38 26.30 -0.7
 IS 38 58.02
 RTBS 2.57 336 iPc 38 27.20 0.2
 LNV 2.65 271 iP 38 27.18 -0.8
 IS 38 59.20
 LCCH 2.84 280 iP+ 38 29.33 -1.0
 S.D. = 0.9 on 10 of 10 obs.

* NOV 29, 1992 02h 01m 19.51s
 60.061 N 140.548 W
 DEPTH = 11.7km
 SOUTHEASTERN ALASKA (19)
 <AEIC>. ML 2.8 (AEIC).

PCA 0.15 76 iP 01 23.34 0.1
 eS 01 27.32
 BCPM 0.47 103 eP 01 28.86 -0.3
 eS 01 37.53
 YAH 0.67 297 iP 01 32.19 -0.6
 eS 01 43.28
 PNL 0.70 124 eP 01 32.33 -0.9
 eS 01 43.37
 CTGM 0.99 337 iP 01 36.74 -1.4
 eS 01 51.10
 HQN 1.04 125 eP 01 37.90 -1.1
 eS 01 53.07
 SNH 1.15 277 eP 01 39.80 -1.1
 WAX 1.21 290 iP 01 40.30 -1.7
 BALM 1.32 319 eP 01 42.00 -1.8
 eS 02 01.94
 CROM 1.46 300 eP 01 44.45 -1.5
 eS 02 06.13
 HMT 1.87 280 eP 01 50.89 -0.8
 KAIM 1.95 268 eP 01 52.15 -0.6
 GLB 2.12 312 eP 01 54.45 -0.8
 eS 02 22.24
 SGAM 2.36 283 eP 01 57.45 -1.3
 CVA 2.63 283 eP 02 00.82 -1.7
 KLU 3.00 301 eP 02 06.91 -0.9
 VLZ 3.05 293 eP 02 06.73 -1.6
 17 obs. associated

* NOV 29, 1992 02h 08m 36.94±1.86s
 38.121 N ±10.9km 26.828 E ±16.6km
 DEPTH = 10.0km (geophysicist)
 AEGEAN SEA (365)
 MD 3.1 (ISK).

IEM 0.44 51 iPg 08 44.90 -1.0
 eSg 08 50.90
 CIN 1.12 117 eP 08 58.00 0.0
 YER 1.52 130 ePn 09 04.00 -0.2
 EZN 1.75 347 ePn 09 07.00 -0.4
 DST 2.04 43 iPn 09 13.40 1.6
 KCT 2.43 29 ePn 09 20.00 2.6X
 S.D. = 1.4 on 5 of 6 obs.

* NOV 29, 1992 02h 56m 27.36±1.11s
 39.587 N ±10.5km 22.154 E ±11.7km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

LIT 0.58 27 ePg 56 42.06 3.0
 AGG 0.58 166 iPg 56 40.22 1.1
 eSg 56 50.62
 PAIG 1.22 73 ePb 56 48.90 -1.2
 eSb 57 05.58
 IGT 1.41 268 ePb 56 52.29 -0.8
 SOH 1.54 36 ePb 56 54.26 -0.6
 OUR 1.59 61 ePb 56 54.86 -0.7
 KNT 1.67 20 ePb 56 56.06 -0.8
 eSb 57 18.14
 S.D. = 1.9 on 7 of 7 obs.

* NOV 29, 1992 03h 04m 05.94±0.51s
 30.164 S ±7.9km 177.502 W ±10.5km
 DEPTH = 10.0km (geophysicist)
 5.1mb (17 obs.) 4.7Msz (1 obs.)

KERMADEC ISLANDS, NEW ZEALAND (178)
 RAO 0.98 338 iPc 04 25.50 1.0
 OUZ 9.04 234 P 06 27.20 7.8
 NOZ 9.20 202 eP 06 18.10 -3.5
 URZ 9.22 207 eP 06 16.70 -5.2
 eS 08 03.10
 MNG 11.89 207 eP 06 53.50 -5.0
 eS 09 02.10
 THZ 13.93 211 eP 07 25.80 0.2
 eS 09 49.50
 KHZ 14.19 208 eP 07 24.70 -4.3
 eS 09 56.30
 LTZ 15.03 210 eP 07 37.70 -2.3
 DZM 16.50 295 iPd 08 06.00 6.8
 LMZ 17.14 214 eP 08 10.00 3.1
 ODZ 17.54 209 eP 08 12.50 0.5
 BKM 17.99 311 iPc 08 32.00 14.2
 BRS 26.17 269 iPd 09 35.00 -7.3
 ARMA 26.62 262 eP 09 50.20 3.7
 0.7s 11.00nm 4.7mb
 CNB 28.26 251 eP 10 05.60 4.2
 0.9s 12.00nm 4.7mb
 CAN 28.56 251 eP 10 07.60 3.6
 eTT 33 01.00
 BWA 29.04 253 eP 10 09.40 1.0
 RMQ 29.86 269 eP 10 18.70 2.8
 0.5s 19.00nm 5.2mb
 ipP 10 26.10 25km
 isP 10 30.80
 CMS 31.43 258 eP 10 32.70 3.1
 0.7s 10.00nm 4.8mb
 TOD 31.45 246 iPd 10 32.50 2.7
 0.6s 33.00nm 5.4mb
 OLP 33.75 266 eP 10 51.70 1.8
 0.5s 36.00nm 5.6mb
 CTA 34.19 279 iPc 10 56.00 2.3
 1.0s 20.00nm 5.0mb
 STKA 34.95 257 iPc 11 05.80 5.6
 OIS 39.73 274 eP 11 41.00 0.5
 0.2s 2.00nm 4.4mb
 ASPA 43.55 266 eP 12 11.30 -0.5
 0.5s 21.40nm 5.2mb
 Z 19s 1.00um 4.7Msz
 eS 18 00.70
 WB2 44.51 272 iPc 12 19.00 -0.6
 0.5s 46.30nm 5.6mb
 eS 18 50.70
 WRA 44.52 272 P 12 19.40 -0.3
 0.7s 14.50nm 5.0mb
 WARB 48.99 260 eP 12 54.00 -0.8
 CSY 55.55 208 eP 13 44.50 1.2
 0.7s 59.00nm 5.7mb
 MBL 56.59 263 eP 13 45.30 -6.1
 0.6s 8.00nm 4.9mb
 NANU 59.74 260 eP 14 12.30 -1.1
 0.6s 12.00nm 5.2mb
 SPA 60.00 180 iPc 14 16.60 1.6
 0.7s 15.23nm 5.2mb
 i 14 25.00
 CGP 67.45 295 eP 15 03.00 -1.3
 MAT 78.29 325 (P) 16 06.00 -1.7
 1.0s 9.00nm 4.8mb
 NVL 79.14 183 eP 16 20.00 8.3
 ORV 86.72 40 (P) 16 51.29 0.1
 BONR 87.46 43 eP 16 55.46 0.3
 TNP 88.18 43 ePd 16 58.56 0.0
 0.9s 6.79nm 5.0mb
 RMW 92.06 34 eP 17 15.75 -0.5
 SRU 92.90 46 eP 17 19.81 -0.6
 BJI 93.06 315 eP 17 34.00 13.2
 KEV 137.99 348 ePKP 23 32.00 0.2
 KAF 144.47 341 iPKP 23 39.40 -4.0
 0.7s 10.90nm
 OBN 145.21 326 iPKPc 23 43.50 -1.4
 0.9s 70.00nm
 e 24 05.00
 NUR 146.24 340 iPKP 23 45.50 -0.9
 UPP 148.60 345 iPKP 23 59.10 8.9
 NAO 148.84 352 PKP 23 53.40 2.8
 0.8s 13.70nm
 HFS 149.10 349 ePKP 23 53.30 2.3
 0.8s 24.10nm
 HRI 151.62 285 ePKP 24 02.70 6.9
 ADI 152.04 284 ePKP 24 03.20 6.9
 RMN 152.31 279 ePKP 24 03.80 6.9
 KIC 155.36 163 (PKP) 24 11.00 9.6

29d 03h

S.D. = 1.2 on 24 of 52 obs.

* NOV 29, 1992 03h 13m 37.19±0.97s
 44.325 S ±10.8km 167.150 E ± 8.4km
 DEPTH = 26.0 ± 8.8 km
 3.7mb (2 obs.)
 SOUTH ISLAND, NEW ZEALAND (162)
 ML 4.1 (WEL).

MSZ	0.65	122 P	13 48.40	-1.4
		S	13 55.20	
MMCZ	1.57	116 Pd	14 04.60	0.9
TLC	1.62	123 P	14 04.80	0.3
MHZ	1.69	117 P	14 06.70	1.2
SBCZ	1.72	117 Pd	14 07.20	1.3
CMCZ	1.72	119 P	14 06.90	0.9
		eS	14 28.00	
LRCZ	1.73	116 Pd	14 07.50	1.3
BCZ	1.75	164 Pc	14 05.10	-1.1
		S	14 24.60	
LSCZ	1.77	117 Pd	14 08.00	1.4
BWZ	1.97	97 eP	14 11.60	2.2X
TUZ	2.40	134 P	14 15.20	-0.3
ODZ	2.59	107 eP	14 18.80	0.4
SIZ	2.64	165 Pc	14 17.70	-1.3
EWZ	2.80	74 eP	14 22.40	1.3
MOZ	4.02	83 eP	14 37.50	-1.0
LTZ	4.83	69 eP	14 36.50	-2.2
		eS	15 25.30	
DSZ	4.27	55 P	14 42.40	0.2
THZ	4.93	61 eP	14 50.90	-0.6
		eS	15 47.30	
KHZ	5.03	70 eP	14 53.30	0.4
		eS	15 48.70	
QRZ	5.29	51 eP	14 56.60	0.1
		eS	15 54.00	
TCW	6.10	62 eP	15 08.70	0.8
DIW	6.11	57 eP	15 08.80	0.6
MRW	6.36	64 eP	15 10.30	-1.3
		eS	16 19.40	
CAW	6.66	64 eP	15 12.40	-3.4X
KIW	6.69	62 eP	15 15.10	-1.2
BLW	6.79	67 eP	15 14.90	-2.8X
MNG	7.19	62 eP	15 20.60	-2.6X
MOZ	8.17	47 eP	15 36.50	-0.5
		eS	17 02.60	
STKA	23.53	293 eP	18 33.90	-12.1X
WB2	36.52	301 eP	20 42.30	0.0
	0.5s	1.30nm	4.1mb	
WRA	36.52	301 P	20 45.00	2.6X
	0.6s	0.30nm	3.3mb	
YYYY	42.22	328 eP	21 31.10	1.2
	S.D. = 1.1	on 26 of 32 obs.		

NOV 29, 1992 03h 14m 53.43±0.44s
 35.254 N ± 5.7km 106.509 E ± 5.2km
 DEPTH = 33.0km (normal)
 GANSU, CHINA (322)
 ML 4.0 (BJI).

LZH	2.32	292 ePn	15 32.00	1.7
		Pg	15 34.50	
		Sg	16 03.80	
XAN	2.33	121 Pn	15 30.30	0.0
		Pg	15 34.50	
		Sg	16 05.50	
CD2	4.91	209 Pn	16 06.70	-0.2
		Pg	16 24.70	
		Sg	17 25.20	
TIY	5.37	61 ePn	16 14.00	0.6
		Pg	16 28.00	
		Sn	17 21.30	
BTO	6.01	26 ePn	16 21.80	-0.7
GTA	6.76	310 Pn	16 32.00	-1.0
		Sn	17 46.00	
HHC	6.86	34 ePn	16 34.60	0.2
		Pg	16 54.80	
GYA	8.77	179 P	17 01.20	0.2
GUN	19.02	253 P	19 15.56	0.0
KKN	19.55	254 P	19 22.10	0.6
PKI	19.55	253 P	19 19.26	-2.4X
DMN	19.77	253 P	19 23.48	-0.4
GKN	19.96	255 P	19 24.90	-0.9
WRA	60.92	150 P	25 05.20	-0.2
	0.9s	0.10nm	2.9mb	
	S.D. = 0.8	on 13 of 14 obs.		

? NOV 29, 1992 03h 19m 37.05±1.02s
 37.714 N ±15.2km 15.031 E ±14.8km
 DEPTH = 33.0km (normal)
 SICILY (398)

ATN	0.56	37 P	19 47.60	-1.0
		eSg	19 57.00	
MEU	0.62	188 P	19 48.90	-0.5
		eSg	19 59.00	
SOI	0.89	66 P	19 54.10	1.0
		eSg	20 08.70	
FAI	1.16	248 P	19 57.50	0.5
	S.D. = 1.5	on 4 of 4 obs.		

% NOV 29, 1992 03h 22m 27.17±0.66s
 37.849 N ± 8.0km 14.833 E ± 7.4km
 DEPTH = 10.0km (geophysicist)
 SICILY (398)

ATN	0.59	58 P	22 39.80	0.7
		iSg	22 49.60	
MEU	0.75	174 P	22 41.00	-0.9
		eSg	22 51.20	
SOI	0.99	77 P	22 46.50	0.6
		eSg	23 01.00	
FAI	1.08	238 P	22 49.60	2.1
		eSg	23 04.00	
CVT	1.63	265 P	22 55.10	-0.8
TDS	2.16	33 P	23 02.60	-1.0
		eSn	23 30.70	
MGR	2.35	14 P	23 05.90	-0.6
		eSn	23 34.80	
PTS	2.49	246 P	23 07.70	-0.7
		eSn	23 37.60	
SGD	2.73	8 P	23 12.40	0.6
		eSn	23 45.00	
	S.D. = 1.2	on 9 of 9 obs.		

% NOV 29, 1992 03h 30m 38.15±1.09s
 44.442 N ±18.6km 10.275 E ±15.5km
 DEPTH = 33.0km (normal)
 NORTHERN ITALY (545)

MME	0.39	129 P	30 47.80	0.4
		eSn	30 55.80	
BDI	0.44	149 P	30 48.00	0.0
		eSn	30 57.10	
BOB	0.67	299 P	30 51.30	0.0
		eSn	31 01.90	
PIL	0.74	166 P	30 52.10	-0.1
		eSn	31 03.60	
CRE	1.46	123 P	31 02.20	-0.3
		eSn	31 22.20	
	S.D. = 0.3	on 5 of 5 obs.		

% NOV 29, 1992 03h 32m 46.00±0.72s
 40.501 N ± 6.0km 23.707 E ± 8.0km
 DEPTH = 10.0km (geophysicist)
 GREECE (364)

OUR	0.27	128 ePg	32 52.00	0.4
SOH	0.42	320 ePg	32 54.44	-0.1
PAIG	0.57	182 iPg	32 57.12	-0.5
		eSg	33 04.80	
SRS	0.62	352 ePg	32 58.12	-0.4
		eSg	33 08.72	
KNT	0.90	317 ePg	33 03.72	0.4
		eSg	33 16.56	
LIT	1.01	247 ePg	33 05.36	0.2
		eSg	33 20.56	
	S.D. = 0.5	on 6 of 6 obs.		

NOV 29, 1992 03h 43m 36.22±0.40s
 2.380 N ± 5.9km 128.521 E ±11.6km
 DEPTH = 33.0km (normal)
 4.9mb (8 obs.) 3.6Msz (1 obs.)
 HALMAHERA, INDONESIA (267)

BIP	6.23	339 ePd	45 07.00	-1.3
CGP	7.14	328 ePc	45 25.00	4.0X
		eS	46 40.00	
TRT	18.75	238 ePc	47 40.00	-14.9X
WB2	22.91	166 eP	48 37.90	-0.6
MBL	24.89	200 eP	48 53.60	-4.1X
	0.8s	17.00nm	4.7mb	
QIS	25.25	155 ePc	49 01.00	-0.1
	0.2s	9.00nm	5.0mb	

ASPA	26.41	169 iPc	49 11.60	-0.3
	0.6s	22.80nm	5.0mb	
Z	21s	0.20um	3.6Msz	
WARB	28.45	184 eP	49 31.00	0.6
MRWA	33.63	200 eP	50 15.20	-0.8
BAL	34.68	198 eP	50 24.10	-1.0
KLB	35.30	196 eP	50 29.00	-1.3
MUN	36.11	198 eP	50 36.40	-0.8
STKA	36.26	161 iPd	50 42.20	3.8X
ADE	38.36	166 eP	50 57.00	0.9
BJI	39.13	345 eP	51 01.50	-0.9
	1.0s	11.00nm	4.6mb	

LZH	40.57	329 eP	51 15.50	0.9
	1.2s	38.00nm	5.0mb	
Z	16s	0.29um	4.2Msz	
BFD	41.46	163 iPd	51 22.20	0.6
	0.8s	21.00nm	4.9mb	
TOO	42.75	160 eP	51 33.50	1.2
GUN	47.96	306 P	52 14.70	0.4
PKI	48.20	306 P	52 16.14	-0.2
KKN	48.40	306 P	52 17.68	0.1
DMN	48.47	305 P	52 18.40	0.2
GKN	49.00	306 P	52 22.14	-0.1
HYB	51.26	290 eP	52 40.50	1.1
GBA	51.69	285 P	52 43.60	0.9
YAK	59.50	1 eP	53 38.00	-0.2
	0.8s	30.00nm	5.5mb	
IMA	82.89	24 eP	55 58.62	-0.2
	1.2s	6.80nm	4.6mb	
KIC	132.54	281 (PKP)	02 51.00	0.8
	S.D. = 0.8	on 24 of 28 obs.		

& NOV 29, 1992 03h 50m 02.43s
 40.309 N 124.466 W
 DEPTH = 8.0km
 NEAR COAST OF NORTHERN CALIF. (35)
 <GM-P>. MD 2.8 (GM).

FHC	0.61	37 ePc	50 15.15	0.4
		eS	50 26.01	
LGPM	1.38	64 ePc	50 26.36	-1.8
		eLg	50 45.73	
LBFM	2.21	61 ePd	50 39.41	-0.8
ORV	2.40	107 (P)	50 38.80	-3.9
	4 obs.	associated		

% NOV 29, 1992 04h 12m 33.83±1.12s
 18.406 N ±15.3km 66.801 W ± 8.8km
 DEPTH = 33.0km (normal)
 PUERTO RICO REGION (90)

APR	0.08	56 iP	12 38.40	-1.1
		S	12 46.60	
MCP	0.29	272 iP	12 43.00	1.5
PORP	0.38	156 iP	12 43.60	0.9
MGP	0.48	215 iP	12 42.50	-1.7
SJG	0.68	115 iP	12 47.80	0.7
LPR	0.89	96 iP	12 49.00	-1.0
CPD	0.92	113 iP	12 51.10	0.7
	S.D. = 1.5	on 7 of 7 obs.		

NOV 29, 1992 04h 18m 48.99±0.40s
 8.237 N ± 3.5km 126.531 E ± 4.8km
 DEPTH = 64.5 ± 3.5 km
 5.2mb (51 obs.)

MINDANAO, PHILIPPINE ISLANDS (259)
 CENTROID, MOMENT TENSOR (HRV)
 Data Used: GDSN
 L.P.B.: 20S, 23C
 Centroid Location:
 Origin Time 04:18:52.3 1.0
 Lat 8.40N 0.09 Lon 126.90E 0.00
 Dep 64.9 4.6 Half-duration 1.0
 Moment Tensor: Scale 10**16 Nr
 Mrr= 5.25 0.25 Mtt= 0.41 0.41
 Mff=-5.65 0.61 Mrt= 1.19 0.70
 Mrf=-1.90 0.61 Mtf= 0.64 0.30
 Principal Axes:
 T Val= 5.78 Plq=76 Azm= 30
 N 0.30 10 17
 P -6.08 10 26
 Best Double Couple: Mo=5.9*10**16
 NP1: Strike= 4 Dip=36 Slip= 10
 NP2: 164 56 70
 BIP 0.28 267 iPc 18 58.00 -1.5
 PLP 3.29 332 ePd 19 41.00 1.8

29d 05h

GLB	2.12	311	eS	39	29.59	
GLB	2.12	311	eP	39	07.30	-0.8
GLB	2.12	311	eP	39	07.43	-0.7
			eS	39	35.16	
RAGM	2.12	279	eP	39	07.06	-1.1
SGAM	2.40	282	iP	39	10.55	-1.5
CVA	2.67	282	eP	39	16.39	0.5
KLU	3.01	300	eP	39	19.52	-1.4
VLZ	3.07	292	eP	39	19.38	-2.2
TOA	3.42	308	eP	39	26.18	-0.5
KNK	4.13	292	eP	39	35.82	-0.9

16 obs. associated

* NOV 29, 1992 05h 56m 54.42s
58.396 N 156.406 W
DEPTH = 171.2km
ALASKA PENINSULA (12)
<AEIC>.

MCNL	1.34	53	iPd	57	23.33	-1.1
			eS	57	45.47	
CDD	1.54	68	iPd	57	25.36	-1.0
			eS	57	49.69	
PDB	1.80	38	iPd	57	27.69	-1.4
			eS	57	53.53	
AUI	1.81	57	iPd	57	27.94	-1.2
			eS	57	53.45	
AUH	1.82	56	iPd	57	28.31	-1.0
AUP	1.83	57	iPd	57	28.39	-1.1
AUL	1.83	56	iPd	57	28.38	-1.0
AUE	1.85	57	iPd	57	28.56	-1.0
OPT	2.07	51	iPd	57	30.79	-1.3
SYI	2.12	82	ePc	57	31.25	-1.3
			eS	57	59.56	
KDC	2.18	106	iPc	57	31.72	-1.5
			eS	58	00.94	
ILIM	2.45	45	iPd	57	34.98	-1.5
SVW	2.75	8	iPd	57	38.75	-1.4
			eS	58	12.61	
HOM	2.77	61	eP	57	38.92	-1.3
			eS	58	11.94	
RDW	2.78	40	iPd	57	38.84	-1.8
RS1	2.79	40	ePd	57	38.95	-1.8
RS2	2.79	40	iPd	57	38.94	-1.8
			eS	58	14.28	
RSO	2.79	40	iPd	57	38.88	-1.9
NCT	2.80	38	iPd	57	39.03	-1.8
REF	2.83	40	iPd	57	39.26	-1.9
DFR	2.91	39	eP	57	40.15	-1.9
CNPM	2.91	65	ePd	57	40.36	-1.7
RDT	2.99	41	eP	57	41.43	-1.6
BRK	3.16	62	eP	57	43.99	-1.2
			eS	58	18.92	
CKL	3.48	34	ePc	57	47.50	-1.8
BGL	3.52	33	eP	57	48.18	-1.6
CKT	3.52	35	ePd	57	47.96	-1.9
NKA	3.53	46	ePc	57	49.55	-0.2
CKN	3.55	35	iPc	57	48.60	-1.5
SPU	3.56	36	iPd	57	47.91	-2.3
CP2	3.56	34	ePd	57	48.90	-1.6
CRP	3.59	35	ePd	57	48.93	-1.8
CGLM	3.67	35	iPd	57	49.56	-2.1
NCG	3.70	34	ePd	57	50.48	-1.6
SDN	3.80	218	eP	57	51.30	-1.9
SLKM	3.80	54	eP	57	50.51	-2.8
SEW	3.96	61	iPd	57	52.97	-2.3
MPA	4.16	57	eP	57	55.21	-2.7
SUA	4.19	40	ePd	57	55.80	-2.7
			eS	58	43.05	
SKT	4.34	32	iPd	57	58.17	-2.1
PMS	4.48	48	ePd	57	58.62	-3.5
PTE	4.49	53	ePd	57	59.04	-3.1
TTA	4.55	2	iPd	58	01.47	-1.7
PWA	4.62	42	eP	58	01.56	-2.4
LT1	4.69	66	iPd	58	02.00	-2.9
MTU	4.78	67	eP	58	02.94	-3.0
PLRM	4.86	46	eP	58	02.39	-4.6
KNK	5.02	50	eP	58	05.04	-4.1
GHO	5.05	45	ePc	58	04.95	-4.7
SML	5.29	46	ePd	58	08.00	-4.8
GLI	5.34	58	eP	58	09.35	-4.0
HIN	5.44	64	iPd	58	11.58	-3.2
FID	5.57	61	iPd	58	12.35	-4.1
HUR	5.67	33	eP	58	13.55	-4.2
SCM	5.70	49	iPc	58	13.68	-4.5
VLZ	5.78	57	eP	58	15.78	-3.4
CVA	5.84	64	ePd	58	16.22	-3.8

TRF	5.88	28	eP	58	16.56	-4.1
SGAM	6.09	65	eP	58	19.70	-3.6
KLU	6.11	55	iPc	58	19.62	-4.1
RND	6.23	33	eP	58	20.28	-4.9
TOA	6.31	50	eP	58	22.35	-3.8
RAGM	6.32	67	eP	58	23.70	-2.6
KAIM	6.36	71	eP	58	22.94	-3.8
HMT	6.51	67	eP	58	25.99	-2.8
TZL	6.58	52	eP	58	25.86	-3.9
SDG	6.78	48	eP	58	28.12	-4.3
GLB	7.03	59	ePd	58	32.54	-3.3
PAX	7.06	45	eP	58	32.04	-4.2
NEA	7.12	26	eP	58	31.73	-5.2
CROM	7.14	65	eP	58	34.28	-3.2
SNH	7.18	70	eP	58	36.33	-1.4
MLY	7.18	20	eP	58	34.52	-3.3
WAX	7.21	68	eP	58	35.32	-3.0
WRH	7.28	30	eP	58	33.26	-5.8
CCB	7.49	30	eP	58	36.20	-5.7
HDA	7.54	33	eP	58	37.59	-4.9
BALM	7.58	64	eP	58	40.77	-2.5
YAH	7.74	69	iPc	58	43.35	-2.1
IMA	7.80	8	eP	58	43.66	-2.5
GLM	7.87	29	eP	58	40.98	-6.0
CTGM	8.05	65	eP	58	48.66	-0.8

82 obs. associated

NOV 29, 1992 06h 01m 09.91±0.46s
40.852 N ± 4.3km 111.682 W ± 5.7km
DEPTH = 5.0km (geophysicist)

UTAH (478)
ML 2.8 (SLC). Felt along the
Wasatch Front.

DAU	0.55	143	iPc	01	21.04	0.2
DUG	1.08	233	ePn	01	30.68	-0.2
			eS	01	45.18	
EMUT	1.23	147	ePn	01	33.50	0.1
			eS	01	51.48	
HVU	1.24	319	ePn	01	33.34	-0.2
			eS	01	50.29	
SRU	1.95	153	ePn	01	44.21	0.0
			eS	02	10.85	
PTI	2.08	346	eP	01	45.32	-0.7
			eS	02	13.64	
MSU	2.37	189	(Pn)	01	50.40	0.1
BW06	2.50	39	(Pn)	01	52.40	0.3
			eS	02	24.24	
HHA1	2.50	348	(Pn)	01	52.97	1.0
PV09	3.06	139	(Pn)	02	02.99	2.8X
			ePg	02	10.23	
PV08	3.26	133	(Pn)	02	03.56	0.5
			eSn	02	41.55	
ARUT	3.35	205	ePg	02	12.00	7.8X
GOL	4.96	101	(Pn)	02	26.12	-1.0
			ePg	02	40.19	
			eS	03	38.29	
TNP	5.10	239	(P)	02	39.66	10.7X

S.D. = 0.6 on 11 of 14 obs.

NOV 29, 1992 06h 21m 30.36±0.63s
31.102 N ± 10.9km 129.290 E ± 5.8km
DEPTH = 10.0km (geophysicist)

4.5mb (8 obs.)
KYUSHU, JAPAN (235)

KAGJ	1.37	86	P	21	54.20	-1.3
			eS	22	11.60	
KUMJ	1.94	42	eP	22	03.00	-0.6
			eS	22	33.70	
SHNJ	3.38	27	P	22	24.40	0.2
SHK	4.45	39	eP	22	41.00	1.5
TKSJ	4.94	53	iP+	22	46.80	0.4
YONJ	5.37	40	P	22	53.10	0.6
WKYJ	6.16	58	P	23	02.60	-1.0
SSE	6.95	272	Pn	23	11.50	-3.2X
			Z 20s	1.40um		
			N 13s	2.10um		
				Pg	23	38.50
TSRJ	7.14	50	P	23	16.70	-0.6
IDJ	8.43	57	eP	23	38.90	3.4X
MAT	9.19	51	iPd	23	45.30	-0.6
			1.0s	13.00nm		5.3mb
				eS	26	05.00
BJI	13.90	314	eP	24	49.50	0.0
			1.8s	48.00nm		5.0mb
			Z 16s	0.58um		4.5mszx

E 12s	0.42um						
TIY	15.39	300	eP	25	13.00	3.8X	
HMC	17.31	309	P	25	34.20	0.6	
			Z 15s	0.60um			
			N 11s	0.50um			
XAN	17.42	285	eP	25	33.60	-1.4	
			Z 12s	0.94um			
			N 12s	2.16um			
BTO	18.24	307	eP	25	46.00	0.8	
			N 10s	0.39um			
			E 10s	0.28um			
GYA	20.35	263	P	26	07.80	-2.0	
			1.0s	40.00nm		4.7mb	
LZH	21.75	290	eP	26	26.00	2.0	
			1.5s	30.00nm		4.5mb	
			Z 10s	0.80um		4.4mszx	
				pP	26	33.50	27kmX
CD2	21.88	276	eP	26	23.40	-1.8	
			Z 10s	1.61um		4.7mszx	
			E 10s	1.09um			
				eS	30	20.00	
GTA	25.37	297	P	26	58.00	-1.3	
			1.5s	17.00nm		4.5mb	
			Z 12s	0.90um		4.5mszx	
			E 10s	0.26um			
				pP	27	04.00	21kmX
CHG	30.01	253	eP	27	44.00	2.4	
GUN	37.74	276	P	28	48.20	-0.4	
PKI	38.23	276	P	28	55.20	2.5X	
KKN	38.28	277	P	28	52.80	-0.2	
DMN	38.48	276	P	28	54.00	-0.7	
GKN	38.77	277	P	28	59.80	2.8X	
WRA	50.98	174	P	30	36.30	1.9	
			0.8s	1.40nm		3.9mb	
FBA	59.33	29	(P)	31	35.77	1.3	
			0.8s	1.51nm		4.2mb	
NAO	75.65	334	P	33	18.40	1.3	
			0.7s	2.00nm		4.3mb	
ULM	89.67	27	eP	34	31.00	1.3	
PV09	91.94	42	eP	34	40.83	0.0	
PV08	92.16	42	eP	34	39.86	-2.1	

S.D. = 1.3 on 27 of 32 obs.

* NOV 29, 1992 07h 02m 03.51±1.09s
18.383 N ± 15.4km 66.847 W ± 9.3km
DEPTH = 33.0km (normal)

PUERTO RICO REGION (90)

APR	0.13	59	iP	02	08.00	-1.5
			S	07	16.00	
MCP	0.25	278	iP	02	12.00	1.3
			S	02	24.00	
PORP	0.38	149	iP	02	13.10	0.7
MGP	0.44	212	iP	02	12.00	-1.2
SJG	0.72	112	iP	02	17.40	0.2
CPD	0.95	111	iP	02	21.00	0.5

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

* NOV 29, 1992 07h 17m 14.10±3.43s
32.231 S ± 19.8km 71.875 W ± 22.9km
DEPTH = 33.0km (normal)

NEAR COAST OF CENTRAL CHILE (135)
MD 4.0 (SAN).

CFA 3.15 80 e(P) 18 10.20 7.6X
RFA 3.81 133 eP 18 13.30 1.3
TCA 6.27 84 eP 18 47.00 0.3
S.D. = 0.6 on 13 of 15 obs.

* NOV 29, 1992 07h 40m 05.89±1.91s
31.269 S ±15.2km 68.273 W ±12.4km
DEPTH = 103.5 ± 20.1 km
SAN JUAN PROVINCE, ARGENTINA (137)

RTLL 0.18 250 iPd 40 20.50 -0.5
(S) 40 31.00
CFA 0.34 175 iPd 40 22.00 0.7
S 40 33.80
ZON 0.44 231 iPd 40 21.20 -0.8
eS 40 32.20
RTBS 1.08 248 iPc 40 28.50 0.8
RTPR 1.80 58 iPc 40 36.40 0.0
eS 40 58.90
MRA 2.46 118 iPc 40 45.80 0.6
S 41 15.00
TCA 3.15 92 iPc 40 54.30 -0.3
(S) 41 27.00
RFA 3.50 183 ePd 40 58.80 -0.5
(S) 41 31.20
S.D. = 0.8 on 8 of 8 obs.

NOV 29, 1992 08h 23m 08.22±0.81s
39.459 N ± 7.2km 27.640 E ± 8.2km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.9 (ISK).

DST 0.78 79 iPn 23 22.70 -0.7
KCT 0.96 35 iPn 23 27.50 1.0
EZM 1.08 290 ePn 23 27.90 -0.6
IZM 1.10 196 iPn 23 29.90 1.0
CIN 1.89 169 ePg 23 41.00 0.2
ISg 23 53.00
YER 2.37 167 ePn 23 47.00 -0.9
S.D. = 1.1 on 6 of 6 obs.

% NOV 29, 1992 09h 46m 31.63±0.69s
40.743 N ± 5.4km 23.139 E ± 6.0km
DEPTH = 10.0km (geophysicist)
GREECE (364)

THE 0.17 230 iPg 46 35.32 -0.2
eSg 46 37.80
SOH 0.18 64 iPg 46 35.76 0.0
eSg 46 39.08
KNT 0.46 337 iPg 46 41.12 0.2
ISg 46 48.36
SRS 0.51 42 ePg 46 41.72 -0.2
eSg 46 48.80
OUR 0.76 122 ePg 46 46.40 -0.1
eSg 46 56.85
PAIG 0.91 153 iPg 46 49.37 0.3
S.D. = 0.3 on 6 of 6 obs.

? NOV 29, 1992 09h 52m 20.02±11.94s
34.546 S ±79.1km 71.714 W ±65.8km
DEPTH = 60.0km (geophysicist)
NEAR COAST OF CENTRAL CHILE (135)

LNV 0.64 23 iPd 52 33.59 0.0
IS 52 45.13
CACH 1.02 65 iP 52 38.58 0.0
IS 52 53.21
TACH 1.10 36 iP 52 39.67 0.1
IS 52 55.96
PCH 1.36 48 iPd 52 43.13 0.0
IS 53 02.29
FCH 1.70 45 iP+ 52 48.01 -0.1
IS 53 10.95
S.D. = 0.1 on 5 of 5 obs.

NOV 29, 1992 09h 56m 42.01±0.82s
29.961 S ± 7.1km 70.837 W ±10.2km
DEPTH = 102.2 ± 15.0 km
CENTRAL CHILE (136)
MD 4.6 (SAN).

RTBS 2.07 145 iPd 57 18.30 2.2
ZON 2.44 131 eP 57 32.00 10.9X
RTLL 2.45 124 iPc 57 21.80 0.5
S 57 56.00

JACH 2.72 176 iP+ 57 24.66 -0.2
CFA 2.77 127 ePc 57 26.60 1.1
S 57 57.00
ROCH 3.01 183 eP 57 27.87 -1.0
IHA 3.13 192 eP 57 32.00 1.7
i 57 34.20
i(S) 58 16.20
PEL 3.18 178 iPd 57 30.61 -0.4
IS 58 09.94
MDZ 3.37 150 iP 57 35.80 2.1
IS 58 01.60
FCH 3.39 172 iP 57 35.12 0.9
IS 58 17.06
SAN 3.48 178 iPd 57 35.05 -0.2
LCCH 3.56 190 iP 57 34.51 -1.7
IS 58 17.35
PCH 3.66 176 eP 57 37.96 0.3
(S) 58 21.38
TACH 3.68 181 eP 57 37.06 -0.9
IS 58 21.17
RTPR 3.76 96 ePd 57 38.50 -0.5
LNV 4.01 187 eP 57 40.24 -2.1
IS 58 27.32
CACH 4.15 177 eP 57 45.71 1.3
IS 58 35.17
MRA 5.03 120 ePd 57 55.80 -0.6
RFA 5.20 158 ePc 57 58.00 -0.8
(S) 58 59.50
TCA 5.55 106 iP 58 02.00 -1.8
(S) 59 00.00
FSA 5.75 49 eP 58 04.20 -2.2
ANT 6.24 4 eP 58 09.00 -4.1X
CNCB 13.35 12 eP 59 49.00 -0.1
LPB 13.60 11 eP 59 54.00 1.8
ZOB0 13.83 11 P 59 55.20 -0.3
SIV 16.54 35 P 00 30.00 0.8
LIC 72.54 72 P 00 00.10 0.1
KIC 72.85 72 P 00 02.10 0.3
S.D. = 1.3 on 26 of 28 obs.

NOV 29, 1992 10h 27m 10.39±0.46s
27.462 N ± 7.1km 128.740 E ± 7.6km
DEPTH = 33.0km (normol)
4.6mb (13 obs.)
RYUKYU ISLANDS (238)

MAT 12.10 39 (P) 30 04.00 0.6
BJI 16.30 323 eP 31 02.00 3.7X
1.0s 11.00nm 3.9mb
CN2 16.52 352 eP 31 05.00 3.9X
0.8s 3.00nm 3.5mb X
Z 10s 0.51um 5.1MsZ X
XAN 18.24 296 Pc 31 23.10 0.4
0.6s 5.10nm 3.9mb
CGP 19.29 192 eP 31 36.00 0.6
BTO 20.25 315 eP 31 50.00 4.2X
CD2 22.07 285 eP 32 05.20 1.0
GTA 26.80 304 Pc 32 49.00 -0.5
1.2s 16.00nm 4.5mb
pP 32 58.50 34kmX
GUN 37.81 281 P 34 26.50 0.5
0.4s 15.00nm 5.2mb
PKI 38.28 280 P 34 29.26 -0.7
0.5s 13.00nm 5.0mb
KKN 38.36 281 P 34 30.22 -0.2
DMN 38.54 281 P 34 32.10 0.1
GKN 38.88 281 P 34 34.38 -0.4
0.5s 25.00nm 5.3mb
WRA 47.44 173 P 35 43.80 0.0
0.5s 1.40nm 4.2mb
W82 47.44 173 eP 35 43.40 -0.5
0.7s 2.80nm 4.4mb
i 35 51.20
GBA 49.66 265 P 36 01.50 0.3
ASPA 51.07 174 eP 36 07.40 -4.4X
0.7s 3.10nm 4.4mb
NAO 78.69 334 P 39 09.20 -1.4
0.9s 3.50nm 4.4mb
KSP 81.97 324 eP 39 27.90 -0.3
CLL 83.40 325 iP 39 35.30 -0.2
0.9s 17.00nm 5.2mb
GEC2 84.49 323 ePd 39 41.00 -0.3
1.1s 3.75nm 4.5mb
GRF 85.29 325 iPc 39 46.20 1.1
1.7s 31.00nm 5.2mb
S.D. = 0.7 on 18 of 22 obs.

NOV 29, 1992 11h 02m 13.85±0.27
45.458 N ± 6.6km 151.804 E ± 3.3k
DEPTH = 46.7km (23 depth phases
5.0mb (71 obs.) 4.3MsZ (7 obs.)
KURIL ISLANDS (221)

KUR 2.79 267 iPnd 02 57.50 0.5
IS 03 31.00
KUSJ 5.61 248 eP 03 33.10 -3.8
eS 04 34.60
SKR 5.95 27 ePn 03 39.10 -2.6
Z 14s 2.30um
N 14s 2.00um
E 14s 3.20um
eS 04 43.80
YSS 6.49 287 iPnc 03 48.80 -0.4
Z 17s 2.30um
N 17s 1.10um
E 16s 2.30um
eS 05 02.70
ASAJ 6.66 262 eP 03 52.10 0.6
HOOJ 6.87 246 eP 03 51.60 -3.0
eS 05 07.20
MRRJ 8.32 252 eP 04 12.90 -1.7
eS 05 43.30
ADMJ 9.70 244 eP 04 29.70 -3.9
eS 06 11.30
OFUJ 9.85 233 eP 04 29.70 -6.0
eS 06 13.10
YAMJ 11.40 234 eP 04 52.40 -4.4
eS 06 51.90
NIIJ 12.63 234 P 05 09.10 -4.2
CHJJ 13.50 230 P 05 20.00 -4.7
S 07 42.00
MAT 13.58 234 (P) 05 22.00 -3.7
0.7s 4.79nm 4.4mb
eS 08 18.00
MTMJ 13.78 235 P 05 25.40 -3.0
MDJ 15.72 275 eP 05 54.40 0.8
1.1s 72.00nm 4.7mb
Z 18s 1.20um 5.0MsZ
CN2 18.81 274 Pd 06 28.80 -3.2
0.8s 41.00nm 4.7mb
Z 17s 1.18um 4.2MsZ
N 10s 0.35um
E 10s 0.37um
eS 06 49.00
SNY 20.70 270 iPd 06 51.20 -1.1
1.0s 42.00nm 4.7mb
Z 17s 0.94um 4.2MsZ
YAK 20.93 330 eP 06 50.60 -3.9
1.4s 80.00nm 4.9mb
CIT 25.81 299 eP 07 41.00 -1.1
BOD 26.05 312 eP 07 41.50 -2.8
1.0s 10.00nm 4.3mb
BJI 26.57 271 eP 07 49.00 -0.1
1.0s 61.00nm 5.1mb
Z 20s 0.90um 4.3MsZ
eS 12 40.00
TIA 27.64 263 eP 07 58.50 -0.4
SSE 27.79 250 P 08 00.70 0.4
1.4s 22.00nm 4.6mb
Z 20s 0.50um 4.1MsZ
HHC 29.49 276 P 08 15.80 0.1
1.0s 48.00nm 5.1mb
Z 19s 0.74um 4.3MsZ
TIY 30.21 269 eP 08 22.00 0.0
Z 20s 0.87um 4.4MsZ
E 16s 0.79um
BTO 30.67 276 eP 08 25.20 -0.9
ZAK 32.42 297 eP 08 39.30 -1.8
1.9s 23.00nm 4.7mb
Z 16s 0.79um 4.5MsZ
E 16s 0.97um
XAN 34.51 266 Pc 08 59.00 -0.5
1.0s 18.00nm 5.0mb
IMA 35.39 35 eP 09 06.50 -0.3
1.0s 6.20nm 4.5mb
LZH 37.03 273 Pc 09 21.50 0.5
1.4s 130.00nm 5.7mb
Z 18s 0.36um 4.2MsZ
sP 09 40.00
FBA 37.74 37 eP 09 25.22 -1.2
0.9s 5.81nm 4.5mb
GTA 38.28 280 iPc 09 32.50 1.1
1.0s 81.00nm 5.6mb
Z 13s 0.59um 4.6MsZ X

29d 11h

CD2	39.87	266	eP	09 43.00	-0.1	ASPA	70.70	197	eP	13 26.30	-0.4	LSF	84.99	340	eP	14 46.10	0.9
	1.0s	55.00nm		5.3mb			1.0s	5.50nm		4.5mb			1.1s	35.90nm		5.4mb	
GYA	40.55	258	P	09 50.00	-0.3	WARB	74.89	203	iPd	13 52.50	1.2	MFF	85.05	341	eP	14 46.00	0.5
Z	20s	0.50um		4.4Msz		OJC	76.01	331	iP	13 57.60	0.2	SBF	0.9s	17.70nm		5.2mb	
		pP		10 03.00	49km		1.0s	54.00nm		5.4mb			0.9s	24.25nm		5.4mb	
KMI	44.11	260	Pd	10 20.00	0.5	UZH	76.44	328	eP	13 59.00	-0.8	RJF	85.88	339	eP	14 50.40	0.7
	1.0s	20.00nm		4.8mb			1.0s	22.00nm		5.1mb			1.1s	17.60nm		5.2mb	
WMO	44.55	292	P	10 22.80	0.1					14 14.00	53km	CAF	86.10	339	eP	14 52.10	1.3
	1.0s	21.00nm		4.9mb		KSP	76.64	333	iPc	14 00.60	-0.4		1.1s	21.75nm		5.3mb	
LSA	49.44	273	eP	11 06.00	4.3X	SPC	76.72	330	eP	14 02.70	1.0	FRF	86.11	335	eP	14 51.00	0.2
CHG	50.93	257	ePc	11 13.00	0.4	VR1	76.96	324	eP	14 15.00	12.1X		1.3s	18.50nm		5.2mb	
	1.0s	15.00nm		5.0mb		CLL	77.26	335	iPc	14 03.90	-0.5	LRG	86.29	336	eP	14 52.20	0.5
BRVK	51.02	310	(P)	11 10.00	-2.9X		1.3s	34.00nm		5.2mb			1.0s	22.40nm		5.4mb	
YKA	52.51	36	eP	11 20.90	-3.0X	BRG	77.35	334	eP	14 04.60	-0.3	PGF	86.31	333	eP	14 51.80	-0.2
	0.9s	6.60nm		4.7mb			1.0s	16.00nm		5.0mb			1.0s	16.60nm		5.2mb	
FRU	53.42	297	iP	11 30.50	-0.5	MLR	77.59	324	eP	14 09.00	2.5X	LMR	86.36	335	eP	14 52.60	0.6
	1.8s	40.00nm		5.1mb		VRAC	77.87	332	eP	14 08.20	0.5	LFF	86.41	340	eP	14 52.50	0.3
		e		14 35.00			1.4s	115.40nm		5.7mb			1.4s	65.35nm		5.7mb	
GUN	54.21	275	P	11 36.72	-0.6	PSZ	77.91	329	e(P)	14 08.90	0.8	LPO	86.54	339	eP	14 53.80	0.9
KKN	54.70	275	P	11 40.80	-0.1	PRU	77.94	333	eP	14 08.30	0.1		1.0s	15.00nm		5.2mb	
	0.7s	59.00nm		5.7mb						14 21.50	45km		S.D. = 0.8 on 118 of 138 obs.				
PKI	54.74	275	P	11 40.40	-0.9	MOX	78.25	335	eP	14 09.80	-0.1	% NOV 29, 1992 12h 03m 25.41± 1.27s					
DMN	54.93	275	P	11 42.22	-0.4		2.0s	46.00nm		5.1mb		39.860 N ± 9.2km 23.647 E ± 9.5km					
GKN	55.02	276	P	11 42.70	-0.4	WTS	78.36	339	eP	14 10.50	0.1	DEPTH = 10.0km (geophysicist)					
GMW	55.00	55	(P)	11 49.00	0.1		0.9s	8.00nm		4.7mb		AEGEAN SEA (365)					
DAG	57.90	357	iPd	12 01.00	-1.8	SRO	78.57	330	iP	14 12.10	0.5	PAIG	0.07	21	iPg	03 27.40	-0.4
	0.8s	11.94nm		5.1mb		BUD	78.60	329	eP	14 11.50	-0.3				eSg	03 29.24	
KEV	58.26	340	eP	12 04.00	-1.4	ZST	78.66	331	iP	14 12.20	0.1	OUR	0.54	28	iPg	03 36.00	-0.3
NEW	58.69	51	eP	12 08.71	-0.1	GEC2	79.21	333	ePc	14 15.00	-0.3	LIT	0.92	286	ePg	03 42.30	-0.7
	1.0s	11.25nm		4.9mb			0.5s	2.11nm		4.4mb					eSg	03 55.72	
LGPM	59.57	61	(P)	12 14.81	-0.2	GRF	79.22	335	iPc	14 16.00	0.8	THE	0.93	326	ePg	03 43.10	-0.1
	epP			12 28.11	48km		1.6s	48.00nm		5.2mb					eSg	03 55.72	
NDI	59.77	281	eP	12 16.00	-0.4	Z	21s	0.10um		4.1Msz		SRS	1.26	358	ePb	03 49.16	0.4
LBFM	59.89	60	eP	12 17.63	0.3	ENN	79.70	339	eP	14 18.00	0.3				eSb	04 06.76	
	epP			12 30.40	45km		1.0s	19.00nm		5.0mb		AGG	1.32	231	iPb	03 50.16	0.4
ORV	61.19	62	eP	12 26.13	0.2	MIAR	80.85	49	eP	14 23.76	-0.4				eSb	04 09.20	
	epP			12 38.35	42km		0.9s	9.69nm		4.7mb		KNT	1.42	337	ePb	03 52.05	0.8
LRM	62.71	52	eP	12 36.10	-0.2			epP		14 36.84	44km				eSb	04 11.10	
	e			12 49.00	45km	KBA	80.88	333	iPd	14 25.00	0.7	GRG	1.45	319	ePb	03 51.48	-0.2
BONR	64.14	61	(P)	12 46.41	0.5		0.8s	12.80nm		4.9mb			S.D. = 0.6 on 8 of 8 obs.				
KAF	64.23	335	iP	12 43.40	-2.3	ELC	80.99	45	ePc	14 24.41	-0.4	* NOV 29, 1992 12h 14m 16.59± 1.73s					
	0.6s	17.90nm		5.3mb				epP		14 37.67	45km	5.442 S ± 9.8km 153.721 E ± 11.6km					
PTI	64.59	54	eP	12 49.77	1.1	PTJ	81.04	330	eP	14 24.50	-0.5	DEPTH = 60.1 ± 16.2 km					
	epP			13 02.54	44km	WATA	81.21	334	iPc	14 26.10	0.1	4.6mb (6 obs.) 3.9Msz (1 obs.)					
TNP	64.73	61	(P)	12 49.94	0.3	WTTA	81.26	334	iPc	14 26.70	0.4	NEW IRELAND REGION, P.N.G. (190)					
	1.0s	18.93nm		5.1mb			0.6s	10.90nm		5.0mb		RAB	1.99	309	iP	14 49.00	0.6
NUR	65.99	334	eP	12 54.10	-2.9X	RBL	81.37	332	Pd	14 26.40	-0.3		0.5s	563.38nm		15 20.00	
	0.5s	20.60nm		5.4mb		CDF	81.50	337	eP	14 27.40	0.0			iS		15 20.00	
DUG	66.04	57	eP	12 57.77	-0.2		1.2s	17.25nm		4.9mb		FINC	5.95	258	eP	15 44.50	0.4
	0.9s	9.73nm		4.8mb		VBY	81.62	331	e(P)	14 27.80	-0.1	HNR	7.34	123	eP	16 09.00	5.5X
		iPp		13 11.29	47km	HAU	82.12	337	eP	14 30.50	-0.1	PMG	7.61	238	eP	16 05.50	-1.7
BW06	66.24	53	eP	12 58.59	-0.7		0.9s	6.90nm		4.7mb				eS		17 34.00	
	1.0s	8.37nm		4.7mb		BSF	82.16	337	eP	14 30.70	-0.2	WWKK	10.23	280	e(P)	16 29.00	-14.3X
		epP		13 12.20	48km		0.7s	3.00nm		4.4mb		BKM	18.69	132	iPc	18 33.50	0.8
MAIO	66.69	298	eP	13 03.00	1.0	SKO	82.34	325	iP	14 31.50	-0.3	OIS	20.34	221	eP	18 50.00	-0.6
DAU	66.81	56	eP	13 02.86	-0.2	VAY	82.42	324	iP	14 32.60	0.4		0.7s	6.00nm		4.0mb	
	epP			13 16.24	47km	OHR	83.32	325	eP	14 36.50	-0.4	DZM	20.61	145	iPc	18 53.00	-0.4
SSK	66.89	64	eP	13 01.76	-1.7	VAI	83.38	335	Pd	14 38.50	1.5	RMQ	21.46	192	eP	19 02.50	0.6
	e			13 08.39	21kmX	LOR	83.46	339	iPc	14 37.70	0.2		0.7s	18.00nm		4.6mb	
	e			13 15.24			0.7s	8.80nm		4.9mb		OLP	22.89	202	eP	19 20.00	4.0X
ARUT	67.22	59	eP	13 05.10	-0.4	GRR	83.53	342	eP	14 38.10	0.3		0.6s	12.00nm		4.5mb	
	epP			13 18.27	46km		1.2s	39.55nm		5.3mb		ARMA	24.92	184	iPc	19 37.40	1.6
EMUT	67.46	56	eP	13 06.86	-0.2	LBF	83.69	338	eP	14 38.80	0.1		0.7s	14.00nm		4.6mb	
	ipP			13 20.07	46km		0.8s	4.15nm		4.5mb		ASPA	26.32	225	eP	19 37.50	-11.2X
MSU	67.51	58	eP	13 07.63	0.3	SSF	83.74	339	iPc	14 39.20	0.3	Z	22s	0.40um		3.9Msz	
	ipP			13 20.76	46km		0.9s	12.30nm		5.0mb				i		19 48.20	
SRU	68.09	56	eP	13 10.37	-0.6	LPF	83.90	342	eP	14 41.10	1.4	STKA	28.65	202	eP	20 11.90	2.2
	ipP			13 23.94	47km		1.2s	45.20nm		5.4mb		WARB	33.09	229	eP	20 48.00	-0.9
	e			13 34.95		AVF	84.03	339	eP	14 40.80	0.5	NOZ	39.71	150	eP	21 43.40	-1.3
ULM	68.10	40	eP	13 26.00	15.5X		0.9s	14.90nm		5.0mb		PGZ	40.45	153	eP	21 49.30	-1.5
RSSD	68.36	49	eP	13 11.74	-0.8	SMF	84.04	338	iPc	14 40.90	0.5	LTZ	40.66	159	eP	21 53.20	0.7
	0.6s	4.65nm		4.7mb			0.9s	24.25nm		5.3mb		PPI	53.46	273	e(P)	23 27.50	-5.8X
UPP	68.55	337	iP	13 11.60	-1.5	ARV	84.18	331	P	14 41.90	0.7	LZH	62.33	316	eP	24 35.50	0.1
PV09	69.31	56	eP	13 19.43	0.8	MME	84.29	333	P	14 43.50	1.5		1.5s	27.00nm		5.1mb	
	ipP			13 32.74	46km	LPG	84.31	336	eP	14 43.10	0.9	YAK	69.76	348	eP	25 23.60	1.5
				13 16.20	-1.8		0.9s	14.60nm		5.1mb		SPA	84.59	180	iPc	26 45.60	1.0
HFS	69.34	339	eP	13 16.20	-1.8	BDI	84.44	333	Pd	14 44.60	2.0		0.7s	40.23nm		5.6mb	
	0.9s	37.00nm		5.4mb		BNI	84.74	336	P	14 45.70	1.6	LRM	96.54	45	eP	27 39.40	-1.9
NAO	69.43	341	P	13 17.40	-1.2	MAF	84.76	339	iPc	14 45.20	1.2	ZST	123.65	326	ePKP	33 13.60	4.6X
	0.9s	13.40nm		4.9mb		TCF	84.79	339	eP	14 45.00	0.8	GEC2	125.08	329	ePKP	33 12.00	0.1
GBA	69.49	269	P	13 19.40	-0.1		1.0s	28.80nm		5.4mb			0.5s	0.62nm			
PV08	69.54	56	eP	13 18.24	-1.8					5.1mb							
	epP			13 31.25	45km												

BCAO 135.35 271 iPKPd 33 31.80 -0.7
0.6s 3.00nm
S.D. = 1.3 on 19 of 25 obs.

* NOV 29, 1992 12h 15m 36.43 ± 2.70s
30.587 N ± 16.0km 139.951 E ± 15.4km
DEPTH = 68.6 ± 26.0 km
4.4mb (4 obs.)

SOUTH OF HONSHU, JAPAN (211)

MAT 6.11 347 eP 17 06.00 -0.2
0.6s 11.33nm 4.4mb
eS 18 19.00

BJI 21.52 302 eP 20 22.50 1.2
Z 16s 0.58um 4.1mszX
eS 24 20.00

TIY 23.80 295 eP 20 45.00 1.2
HHC 25.12 302 eP 20 57.00 0.5
BTO 26.20 301 eP 21 04.80 -1.7

XAN 26.40 286 P 21 08.00 -0.3
1.1s 8.50nm 4.2mb
LZH 30.54 290 eP 21 45.50 -0.2

CD2 31.02 280 eP 21 46.30 -3.5X
GUN 46.88 281 P 24 02.44 0.3
KKN 47.42 281 P 24 06.08 -0.2

GKN 47.90 282 P 24 09.62 -0.3
ASPA 54.25 187 eP 24 56.70 -0.9
1.1s 8.40nm 4.7mb

DZM 58.21 151 iPc 25 26.90 0.9
NAO 79.94 337 P 27 38.30 -0.8
1.0s 5.10nm 4.4mb

KSP 84.92 328 eP 28 05.40 0.4
KIC 130.07 311 (PKP) 34 36.00 -4.7X
ZOB0 150.67 67 PKPc 35 25.70 7.9X

LPB 150.83 68 PKP 35 24.00 6.3X
e 39 05.00
CNCB 151.88 68 PKP 35 26.00 8.5X

e 39 03.00
S.D. = 0.9 on 14 of 19 obs.

% NOV 29, 1992 12h 57m 04.20 ± 0.86s
67.738 N ± 13.5km 20.265 E ± 12.0km
DEPTH = 10.0km (geophysicist)

SWEDEN (536)
MD 2.9 (BER).

KTK1 1.69 39 eP 57 33.98 0.1
LOF 2.57 282 eP 57 46.22 -0.3
eSg 58 22.68

MOR7 2.62 239 eP 57 47.80 0.6
eSg 58 25.74
ARA0 2.63 44 Pn 57 47.43 0.0

Pg 57 55.88
Sg 58 22.86
NRA0 7.98 212 Pn 59 02.52 -0.4

Lg 01 18.42
S.D. = 0.5 on 5 of 5 obs.

NOV 29, 1992 13h 07m 00.02 ± 1.42s
38.251 S ± 9.1km 175.595 E ± 7.5km
DEPTH = 235.5 ± 13.9 km

NORTH ISLAND, NEW ZEALAND (159)

WLZ 0.38 0 Pc 07 31.10 0.1
WHH 0.95 132 P 07 32.80 -0.8
URZ 1.19 91 P 07 33.70 -1.2

S 07 55.10
PAHZ 1.30 118 P 07 35.40 -0.3
MOH 1.50 126 P 07 37.40 0.2

WAHZ 1.56 158 P 07 37.90 0.1
TTH 1.61 144 P 07 38.20 0.1
BSZ 1.63 198 P 07 38.90 0.6

NOZ 1.95 102 P 07 41.50 0.4
MAHZ 2.02 118 eP 07 42.30 0.5
HBZ 2.24 74 P 07 44.50 0.6

MNG 2.37 182 Pc 07 45.40 0.2
S 08 14.10
PGZ 2.42 168 P 07 45.50 -0.2

KIW 2.66 191 P 07 48.40 0.1
DIW 2.86 206 P 07 50.70 0.3
CAW 2.88 188 P 07 50.90 0.2

MTW 2.91 181 P 07 50.80 -0.1
MRW 3.06 193 P 07 52.70 0.1
S 08 28.30

AMW 3.06 178 P 07 52.50 -0.1

WEL 3.10 192 P 07 53.10 0.0
BLW 3.11 182 P 07 53.20 -0.1
TCW 3.13 199 P 07 53.70 0.3

MOW 3.18 185 P 07 53.90 -0.1
QRZ 3.50 222 eP 07 57.70 0.0
KHZ 4.45 200 P 08 09.30 0.3

eS 08 58.20
LTZ 5.19 208 eP 08 18.20 -0.1
MQZ 5.89 201 eP 08 26.00 -1.0

S 09 29.00
S.D. = 0.5 on 27 of 27 obs.

& NOV 29, 1992 13h 21m 45.75s
34.336 N 116.907 W
DEPTH = 2.5km

SOUTHERN CALIFORNIA (43)
<PAS> ML 2.9 (PAS), 2.6 (GS).

PEC 0.49 205 iPc 21 55.12 -0.4
SSK 0.66 259 ePc 21 58.34 -0.7
eS 22 06.94

PLM 0.98 178 eP 22 03.93 -1.3
ISA 1.85 316 ePn 22 16.43 -2.3
ePg 22 19.32

ABL 1.98 286 ePn 22 17.88 -2.9
ePg 22 21.53
BCH 2.75 289 (Pn) 22 31.60 -0.1

TNP 3.75 356 ePg 22 55.01 9.0
BONR 3.78 343 (Pn) 22 44.27 -2.3
ePg 22 56.43

MSU 5.65 41 (Pn) 23 13.22 0.2
(Pg) 23 28.38
9 obs. associated

NOV 29, 1992 13h 36m 04.44 ± 0.68s
40.151 S ± 4.1km 174.036 E ± 4.6km
DEPTH = 165.1 ± 8.9 km

COOK STRAIT, NEW ZEALAND (163)

DIW 0.66 188 Pd 36 27.90 -0.7
BSZ 0.77 63 Pd 36 29.30 0.0
KIW 0.98 137 Pc 36 30.30 -0.5

TCW 1.08 170 Pc 36 31.60 0.1
MRW 1.19 155 Pc 36 32.50 0.0
S 36 49.10

MNG 1.20 113 Pd 36 32.70 0.0
S 36 49.30
CAW 1.24 141 Pc 36 33.00 0.0

WEL 1.26 154 P 36 33.10 -0.1
QRZ 1.33 239 P 36 33.60 -0.3
MTW 1.50 133 P 36 35.50 0.0

CNZ 1.50 51 Pc 36 35.80 0.1
NGZ 1.55 52 P 36 36.30 0.1
MOW 1.57 144 P 36 36.30 0.1

BLW 1.64 139 P 36 37.10 0.2
MOZ 1.75 20 P 36 38.40 0.3
S 37 00.90

AMW 1.75 132 P 36 38.30 0.2
PGZ 1.77 106 P 36 38.40 0.1
THZ 1.83 208 P 36 39.40 0.4

S 37 02.90
WAHZ 1.84 77 P 36 39.20 0.1
WHH 2.28 57 P 36 44.10 -0.2

KHZ 2.30 189 Pc 36 45.10 0.8
S 37 10.90
DSZ 2.32 226 P 36 45.10 0.4

MOH 2.61 68 P 36 48.30 0.2
PAHZ 2.67 62 P 36 48.70 -0.1
LTZ 2.95 206 P 36 52.50 0.2

e 37 11.40
S 37 24.90
URZ 3.04 53 P 36 53.10 -0.3

S 37 28.00
MAHZ 3.12 73 P 36 54.90 0.5
NOZ 3.46 65 P 36 58.20 -0.5

MOZ 3.70 196 eP 37 08.60 -1.2
S 37 39.80
S.D. = 0.4 on 29 of 29 obs.

? NOV 29, 1992 13h 36m 21.20 ± 4.81s
31.402 S ± 28.3km 71.962 W ± 33.1km
DEPTH = 10.0km (geophysicist)

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

JACH 1.73 138 iP 36 51.64 0.1
IS 37 09.85

ROCH 1.76 153 eP 36 51.51 -0.6
IS 37 11.09
PEL 2.05 148 iP 36 55.53 -0.6

IS 37 18.21
LCCN 2.09 171 iP 36 56.92 0.2
(S) 37 18.33

FCH 2.38 144 P 37 01.50 0.2
IS 37 27.75
TACH 2.41 159 iP 37 01.71 0.5

IS 37 28.81
PCH 2.53 151 iP 37 03.34 0.3
IS 37 31.98

LNV 2.59 170 iP 37 03.45 -0.3
IS 37 34.86
MDZ 3.02 120 eP 37 17.70 7.6X

IS 37 54.60
TCA 6.30 91 e(P) 37 56.50 -0.1
S.D. = 0.5 on 9 of 10 obs.

& NOV 29, 1992 14h 21m 20.50s
34.370 N 116.850 W
DEPTH = 3.4km

SOUTHERN CALIFORNIA (43)
<PAS> ML 4.0 (PAS), 4.0 (GS).

Felt (V) at Apple Valley; (IV)
at Fawnskin; (III) at Highland.
La Quinta, Redlands and Yucaipa;

(II) at Murrieta.

PEC 0.53 206 iPd 21 30.50 -0.6
SSK 0.69 257 iPc 21 33.47 -0.9
GSC 0.93 4 iPc 21 37.89 -1.1

PLM 1.01 179 iPd 21 39.39 -1.0
ISA 1.84 315 eP 21 54.63 1.4
ABL 1.99 285 eP 21 54.12 -1.5

GLA 2.16 127 iPd 21 55.70 -2.1
BCH 2.76 288 ePn 22 04.88 -1.7
PKEM 3.14 303 (P) 22 12.08 0.4

PHAM 3.23 298 eP 22 11.72 -1.4
MTUM 3.28 336 eP 22 12.96 -0.9
MRCM 3.55 339 eP 22 17.99 0.2

MMPM 3.67 332 eP 22 20.66 1.0
MEMM 3.69 334 (P) 22 19.38 -0.2
TNP 3.71 356 eP 22 17.60 -2.6

BONR 3.76 343 eP 22 20.33 -0.6
ARUT 4.40 38 eP 22 28.68 -1.2
CMB 4.63 323 ePn 22 31.89 -1.0

ePg 22 46.10
eS 23 41.77
KVN 4.77 349 (P) 22 35.09 -0.1

ARN 4.81 310 eP 22 34.13 -1.4
COE 4.84 308 (P) 22 34.69 -1.3
eS 23 58.65

TUC 5.50 110 ePn 22 40.89 -4.5
ePg 23 02.05
eS 24 20.62

MSU 5.61 41 eP 22 45.98 -1.1
ORV 6.36 326 (P) 22 57.96 0.5
DUG 6.66 28 ePn 23 02.60 0.9

SRU 6.96 45 eP 23 06.90 0.9
eS 24 58.00
PV09 7.48 54 ePn 23 12.31 -1.1

DAU 7.51 35 (Pn) 23 11.38 -2.4
PV08 7.85 55 ePn 23 14.12 -4.5
29 obs. associated

* NOV 29, 1992 15h 20m 28.76 ± 1.80s
2.396 N ± 9.0km 128.727 E ± 15.4km
DEPTH = 72.7 ± 17.1 km

4.8mb (9 obs.)
HALMAHERA, INDONESIA (267)

CGP 7.23 326 eP 22 14.00 0.0
WB2 22.88 166 eP 25 26.70 -0.3
0.5s 7.20nm 4.4mb

i 25 30.90
QIS 25.18 155 eP 25 50.00 0.8
0.3s 4.00nm 4.4mb

ASPA 26.39 169 eP 25 59.90 -0.4
1.4s 8.90nm 4.1mb
eS 29 59.70

STKA 36.21 161 eP 27 31.00 4.6X
XAN 36.51 332 P 27 28.40 -0.6
CD2 36.90 323 iPd 27 32.40 0.1

TIY 38.20 339 eP 27 43.20 0.0
BJI 39.16 345 eP 27 50.50 -0.6
1.2s 16.00nm 4.8mb

29d 15h

LZH 40.66 328 Pc 28 05.00 1.3
1.4s 63.00nm 5.3mb
pP 28 22.50 71kmX
LSA 44.81 311 iPc 28 39.40 1.4
GTA 45.27 328 Pc 28 41.50 0.5
1.2s 12.00nm 4.6mb
pP 28 53.00 41kmX
GUN 48.12 306 P 29 03.44 -0.5
0.7s 24.00nm 5.2mb
PKI 48.36 305 P 29 04.74 -1.0
KKN 48.55 306 P 29 06.36 -0.8
DMN 48.62 305 P 29 07.56 -0.1
GKN 49.16 306 P 29 11.02 -0.7
HYB 51.44 280 eP 29 29.00 -0.1
GBA 51.89 295 P 29 32.70 0.3
WMO 54.96 325 P 29 55.40 0.7
1.0s 21.00nm 5.1mb
YAK 59.48 1 eP 30 25.40 -0.8
KSH 60.36 315 P 30 34.20 1.4
0.8s 20.00nm 5.3mb
MAIO 71.90 307 eP 31 46.00 -0.4
S.D. = 0.8 on 22 of 23 obs.

% NOV 29, 1992 15h 50m 20.26 ± 1.14s
9.967 N ± 12.1km 69.999 W ± 9.2km
DEPTH = 10.0km (geophysicist)
VENEZUELA (101)
Felt at Tocyuo.

TOV 0.27 131 iPg 50 26.00 0.0
iSg 50 30.20
SDV 1.24 210 iPnd 50 42.70 -0.8
iSn 51 01.00
UAV 1.76 220 iPnd 50 52.00 0.8
iSn 51 15.40
MORO 1.88 61 iPc 50 52.10 -0.8
CEOS 1.89 119 iP 50 54.30 1.4X
iS 51 19.60
GUAC 2.70 85 iP 51 05.30 0.7
iS 51 40.80
OLLA 3.15 89 eP 51 10.90 0.0
iS 51 56.60
LLAV 3.18 81 iP 51 12.20 0.8
iS 51 59.30
GUAN 4.29 90 iP 51 26.40 -0.8
iS 52 38.40
S.D. = 0.9 on 8 of 9 obs.

% NOV 29, 1992 15h 57m 46.39 ± 0.84s
23.940 S ± 6.9km 116.358 E ± 13.3km
DEPTH = 10.0km (geophysicist)

WESTERN AUSTRALIA (590)
NANU 1.57 331 iPc 58 14.50 0.2
MEEK 3.37 143 eP 58 41.70 1.5
MBL 4.24 50 eP 58 52.20 -0.3
eS 59 37.00
MRWA 5.27 183 eP 59 06.00 -1.0
eS 00 03.50
BAL 6.65 177 eP 59 27.00 0.5
eS 00 39.00
KLB 7.72 171 eP 59 41.00 -0.6
0.3s 3.00nm 5.0mb
eS 01 03.00
MUN 8.01 181 iPc 59 46.50 0.9
eS 01 12.00
COOL 8.12 149 eP 59 46.00 -1.1
eS 01 13.00
S.D. = 1.1 on 8 of 8 obs.

NOV 29, 1992 15h 57m 49.99 ± 0.71s
6.381 S ± 8.5km 128.288 E ± 11.2km
DEPTH = 327.6 ± 8.8 km
4.8mb (11 obs.)

BANDA SEA (280)
AAI 2.68 358 iPd 58 45.00 -0.1
e(S) 59 38.00
KNA 9.32 177 eP 00 01.20 0.5
eS 01 48.00
WB2 14.71 157 iPc 01 03.80 -1.6
0.4s 329.10nm 6.0mb X
eS 03 35.30
CGP 15.17 346 ePd 01 10.50 0.3
OIS 17.86 143 ePd 01 37.00 -1.4
0.3s 22.00nm 5.0mb
ASPA 18.02 163 iPd 01 40.00 0.0

0.4s 460.30nm 6.2mb X
iPcP 04 48.20
iS 05 29.30
iScS 12 36.50
PMG 18.93 100 eP 01 49.50 0.4
0.8s 28.36nm 4.7mb
CTA 22.13 130 iPd 02 21.00 0.6
1.0s 21.25nm 4.4mb
RMO 27.93 138 eP 03 12.00 -1.1
0.9s 16.00nm 4.4mb
STKA 28.25 156 iPd 03 19.20 3.4X
eP 03 57.80 190kmX
eS 07 40.20
CMS 29.89 149 eP 03 29.80 -0.4
0.3s 2.00nm 4.0mb
ARMA 32.45 140 eP 03 52.40 -0.1
BWA 33.54 149 iPd 04 03.20 1.5
CAN 34.54 149 iPd 04 10.70 0.7
TOO 34.77 156 eP 04 13.40 1.4
0.7s 14.00nm 4.5mb
LOE 35.31 312 eP 04 34.00 17.3X
KHT 36.18 306 eP 04 25.00 1.0
BDT 37.26 309 eP 04 34.00 1.0
LZH 48.07 333 eP 05 44.50 -15.0X
1.0s 18.00nm
GUN 53.27 312 Pc 06 38.40 -0.3
0.5s 64.00nm 5.3mb
PKI 53.44 311 Pc 06 39.18 -0.7
0.6s 29.00nm 4.8mb
KKN 53.65 311 Pc 06 40.84 -0.4
0.6s 46.00nm 5.0mb
DMN 53.68 311 Pc 06 41.26 -0.3
GKN 54.24 311 Pc 06 45.16 -0.3
0.4s 57.00nm 5.3mb
GBA 54.25 292 P 06 45.20 -0.2
NDI 60.26 308 iPc 07 25.50 -1.5
0.5s 38.73nm 5.2mb
MAIO 76.98 309 iPc 09 09.80 1.0
GEC2 110.86 320 ePKP 15 45.70 -0.3
0.8s 0.65nm
S.D. = 0.9 on 25 of 28 obs.

% NOV 29, 1992 15h 59m 02.02s
63.650 N 148.249 W
DEPTH = 85.5km
CENTRAL ALASKA (1)
<AEIC>

MCK 0.32 285 eP 59 15.30 0.1
eS 59 24.97
RND 0.36 228 iPc 59 15.44 -0.2
eS 59 25.97
WRH 0.83 5 iPc 59 19.55 -0.1
eS 59 32.99
HUR 0.92 223 iPc 59 20.29 -0.5
eS 59 34.10
TRF 0.93 259 iPc 59 21.07 0.0
eS 59 35.64
HDA 0.95 36 iPd 59 20.97 -0.1
eS 59 35.02
NEA 1.00 339 eP 59 21.26 -0.4
eS 59 35.64
CC8 1.02 11 iPc 59 21.53 -0.4
eS 59 36.07
THY 1.14 101 eP 59 23.81 0.4
KTH 1.20 267 iPc 59 23.85 -0.3
eS 59 40.75
F8A 1.27 9 iPc 59 24.66 -0.3
MDM 1.31 0 iPc 59 25.30 -0.3
GLM 1.39 15 iPc 59 26.11 -0.5
PAX 1.43 117 ePd 59 26.76 -0.4
eS 59 46.86
SDG 1.67 131 ePd 59 29.59 -0.6
MLY 1.76 323 iPd 59 31.02 -0.4
TOA 1.82 148 ePc 59 32.15 -0.1
SML 1.85 181 ePc 59 31.84 -0.8
DOT 1.87 88 ePd 59 31.48 -1.4
SCM 1.87 166 eP 59 32.33 -0.6
eS 59 57.17
CHO 1.91 190 iPc 59 32.67 -0.8
TZL 2.07 140 eP 59 35.78 0.3
PLRM 2.11 192 ePc 59 35.75 -0.3
PWA 2.14 201 ePc 59 36.37 -0.2
PRP 2.21 31 ePc 59 36.87 -0.8
KNK 2.25 183 ePc 59 37.44 -0.6
SKT 2.25 223 ePc 59 36.88 -1.2
TMW 2.38 96 eP 59 38.49 -1.3

KLU 2.42 152 eP 59 39.74 -0.7
SUA 2.48 209 ePc 59 41.73 0.5
PMS 2.49 195 eP 59 41.13 -0.2
VLZ 2.68 160 eP 59 44.20 0.3
PTE 2.82 188 eP 59 44.56 -1.2
GLI 2.83 168 eP 59 44.39 -1.6
NCG 2.89 221 eP 59 46.01 -0.9
CGLM 2.93 218 eP 59 47.43 0.1
CRP 3.00 219 eP 59 49.00 0.5
GLB 3.02 135 eP 59 48.47 -0.2
FID 3.03 163 eP 59 47.39 -1.3
CP2 3.03 220 eP 59 49.14 0.2
CKN 3.04 219 eP 59 49.99 1.0
SPU 3.04 217 eP 59 49.16 0.2
CKT 3.07 219 eP 59 48.27 -1.1
BGL 3.07 221 eP 59 49.55 0.2
CKL 3.11 220 eP 59 50.41 0.5
FYU 3.19 22 iPc 59 50.21 -0.7
MPA 3.22 190 eP 59 51.19 0.0
SLKM 3.29 197 eP 59 51.98 -0.3
CVA 3.33 158 eP 59 51.30 -1.5
IMA 3.36 319 eP 59 52.38 -1.0
HIN 3.37 165 eP 59 51.39 -2.0
SCAM 3.47 154 eP 59 52.71 -2.1
SEW 3.60 190 eP 59 55.88 -0.7
LTI 3.63 177 eP 59 56.03 -0.9
MTU 3.69 175 eP 59 56.75 -1.1
DFR 3.71 216 eP 59 58.07 -0.1
NCT 3.80 217 eP 59 59.67 0.2
REF 3.80 215 eP 59 59.31 -0.2
HMT 3.82 149 eP 59 57.33 -2.3
RDW 3.83 216 eP 00 00.21 0.2
RS2 3.84 216 eP 59 59.83 -0.3
RSO 3.84 216 eP 00 00.25 0.2
RS1 3.84 216 eP 00 00.27 0.2
63 obs. associated

% NOV 29, 1992 16h 00m 24.93 ± 1.35s
33.143 S ± 5.4km 70.280 W ± 10.7km
DEPTH = 10.0km (geophysicist)
CHILE-ARGENTINA BORDER REGION (127)
MD 3.9 (SAN).

FCH 0.18 183 iP+ 00 29.05 -0.2
iS 00 31.83
PEL 0.34 270 iPd 00 32.40 0.4
iS 00 37.39
PCH 0.52 202 iP 00 35.20 -0.2
iS 00 43.36
JACH 0.53 330 iP 00 35.66 0.0
iS 00 44.58
ROCH 0.64 285 iP+ 00 37.65 -0.2
(S) 00 46.36
TACH 0.75 227 iP 00 39.54 -0.1
iS 00 50.20
CACH 1.01 195 eP 00 44.70 0.6
iS 00 58.40
LCCH 1.13 253 eP 00 46.06 0.0
iS 01 00.61
LNV 1.24 229 iP 00 47.70 -0.3
iS 01 04.05
S.D. = 0.4 on 9 of 9 obs.

% NOV 29, 1992 16h 18m 05.42 ± 2.37s
0.874 N ± 9.9km 122.795 E ± 15.7km
DEPTH = 175.4 ± 27.4 km
4.6mb (4 obs.)

MINAHASSA PENINSULA, SULAWESI (265)
AAI 7.05 130 e(P) 19 47.00 -0.1
CGP 7.77 14 eP 19 37.00 -19.6X
W82 23.59 152 iPc 23 02.50 0.9
0.4s 22.80nm 5.1mb
NANU 24.35 196 eP 23 08.50 -0.2
ASPA 26.68 157 iPc 23 30.60 0.5
0.4s 6.30nm 4.6mb
Z 20s 0.40um 4.0msz
OIS 26.92 143 eP 23 33.00 0.7
0.2s 3.00nm 4.6mb
MRWA 30.62 192 eP 24 04.00 -1.1
KLB 32.64 188 eP 24 21.50 -1.2
STKA 37.12 153 iPd 25 06.70 6.0X
MAT 38.26 20 (P) 25 09.00 -1.2
1.4s 11.63nm 4.4mb
GUN 44.40 311 P 26 01.64 0.8
PKI 44.58 310 P 26 06.32 4.0X
KKN 44.79 310 P 26 03.20 -0.6

DMN 44.83 310 P 26 04.58 0.4
 GKN 45.39 310 P 26 04.93 -3.5X
 GBA 46.63 288 P 26 19.00 0.8
 YAK 61.21 4 eP 28 08.00 4.4X
 S.D. = 1.0 on 12 of 17 obs.

• NOV 29, 1992 16h 23m 18.16±0.55s
 3.960 N ±15.7km 88.139 W ±21.1km
 DEPTH = 19.6km (12 depth phases)
 4.6mb (10 obs.) 3.7Msz (1 obs.)
 OFF COAST OF CENTRAL AMERICA (76)

OXX 15.52 328 (P) 27 03.50 5.6X
 PPM 18.18 327 (P) 27 32.00 0.3
 UNM 18.70 326 (P) 27 48.00 10.1X
 NNA 19.42 145 e(P) 27 45.00 -1.5
 0.8s 11.19nm 4.2mb
 MRX 20.17 322 (P) 27 50.50 -3.9X
 ZOBO 28.22 136 P 29 12.70 0.0
 Z 20s 0.18um 3.7Msz

LR 38 32.00
 LPB 28.41 136 P 29 14.90 0.7
 CNCB 28.68 137 P 29 16.70 -0.1
 UYO 30.62 350 IPd 29 32.90 -0.5
 MIAR 30.85 351 eP 29 34.50 -0.8
 0.8s 13.53nm 4.8mb

WMOK 32.18 343 ePd 29 45.62 -1.4
 0.9s 20.74nm 5.1mb
 FNO 32.30 346 IPd 29 54.10 6.0X
 SIV 33.32 127 P 30 01.00 3.8X
 ALQ 35.20 333 ePd 30 12.36 -1.0
 0.8s 33.37nm 5.3mb

TUC 35.30 326 eP 30 18.82 22km
 0.8s 8.06nm 4.7mb
 e 30 18.59 20km

GOL 38.85 339 eP 30 43.14 -1.0
 0.9s 13.65nm 4.7mb
 e 30 49.65 22km

PV08 39.19 334 (P) 30 46.16 -1.0
 e 30 53.87 26km

PV09 39.34 334 eP 30 48.24 -0.1
 e 30 52.23 14km

SRU 40.47 333 (P) 30 57.65 0.2
 MSU 40.77 331 eP 31 00.52 0.5
 e 31 05.50 17km

ARUT 40.85 329 (P) 31 01.05 0.5
 e 31 06.72 19km

GSC 40.93 323 eP 31 03.45 2.2
 EMUT 41.17 333 eP 31 03.93 0.7
 e 31 08.90 17km

DAU 41.85 333 eP 31 09.05 0.1
 e 31 14.56 19km

ABL 42.12 321 eP 31 13.47 2.3
 RSNY 42.16 15 eP 31 12.00 1.7
 0.8s 10.29nm 4.6mb

RSSD 42.38 343 eP 31 19.08 21km
 0.8s 7.76nm 4.5mb

DUG 42.39 332 eP 31 12.95 -0.3
 0.8s 3.27nm 4.1mb

BW06 43.09 337 (P) 31 18.93 20km
 0.8s 6.58nm 4.4mb

EEO 43.24 9 eP 31 30.50 10.7X
 BONR 43.62 325 (P) 31 22.74 -0.7
 e 31 28.84 20km

HVU 43.63 333 (P) 31 23.13 -0.2
 KVN 44.27 326 (P) 31 30.72 2.2

LMN 46.42 22 eP 31 53.00 7.7X
 ULM 46.59 353 eP 31 48.50 2.0

LRM 46.78 337 eP 31 51.90 3.4X
 LBFM 47.96 326 (P) 31 55.72 -2.1

SES 50.14 341 eP 32 19.00 4.7X
 JAO 50.72 9 eP 32 25.00 6.5X

DPW 50.80 334 eP 32 19.84 0.5
 KIC 83.02 84 (P) 35 44.40 0.1

WRA 135.68 245 PKP 42 36.80 -3.2X
 0.6s 0.60nm
 GKN 147.47 12 PKP 43 00.70 0.0
 GUN 147.79 10 PKP 43 02.10 0.6
 KKN 147.80 11 PKP 43 01.68 0.3
 DMN 147.95 11 PKP 43 02.32 0.7
 PKI 148.04 11 PKP 43 02.08 0.2
 S.D. = 1.2 on 36 of 47 obs.

14.015 S ±47.6km 118.607 E ±28.7km
 DEPTH = 10.0km (geophysicist)
 4.3mb (5 obs.)
 NORTHWEST OF AUSTRALIA (588)

MBL 7.20 171 IPd 30 59.80 -1.4
 eS 32 36.00
 NANU 8.99 199 IPd 31 25.10 -1.0
 IS 33 15.00

KNA 9.97 101 eP 31 39.50 -0.2
 MEEK 12.56 180 eP 32 13.40 -1.5
 0.2s 12.00nm 5.8mb X

WARB 14.26 149 eP 32 39.40 2.0
 eS 35 35.00

MRWA 15.32 189 eP 32 50.50 -0.8
 0.3s 4.00nm 4.3mb

WB2 16.17 114 eP 32 54.20 -8.1X
 0.7s 16.60nm 4.3mb

BAL 16.61 186 eP 33 09.00 1.2
 eS 36 11.00

COOL 16.95 172 eP 33 12.00 -0.2
 0.3s 7.00nm 4.3mb

ASPA 17.35 126 IPc 33 16.50 -0.8
 1.1s 18.00nm 4.1mb

KLB 17.51 182 eP 33 20.50 1.3
 0.3s 8.00nm 4.3mb

MUN 18.02 187 eP 33 27.00 1.5
 eS 36 51.00

S.D. = 1.4 on 11 of 12 obs.

& NOV 29, 1992 16h 37m 07.87s
 58.906 N 154.719 W
 DEPTH = 127.4km
 ALASKA PENINSULA (12)
 <AEIC>

MCNL 0.34 35 IP 37 25.37 0.8
 S 37 38.19

BGM 0.55 332 eP 37 26.42 -0.8
 CDD 0.56 87 IP 37 26.37 -0.9

AUI 0.79 57 IP 37 27.99 -1.0
 eS 37 43.30

AUH 0.80 55 IP 37 28.29 -0.8
 AUP 0.81 55 IP 37 28.28 -1.0

AUL 0.82 54 IP 37 28.36 -0.8
 AUE 0.83 56 IP 37 28.52 -0.7

PDB 0.92 17 IP 37 28.93 -1.2
 eS 37 44.77

OPT 1.07 45 IP 37 30.66 -0.9
 SYI 1.25 103 eP 37 31.90 -1.4

ILIM 1.48 37 IP 37 34.91 -1.1
 eS 37 55.92

KDC 1.65 134 eP 37 36.21 -1.7
 S 37 58.63

RS1 1.85 32 IP 37 39.18 -1.3
 eS 38 02.71

RS2 1.85 32 IP 37 39.22 -1.3
 RSO 1.85 32 IP 37 39.19 -1.4

RDW 1.85 31 IP 37 39.14 -1.4
 REF 1.89 32 IP 37 39.52 -1.5

NCT 1.89 28 IP 37 39.54 -1.4
 RDN 1.89 31 eP 37 39.77 -1.2

CNPM 1.90 69 IP 37 38.85 -2.0
 DFR 1.98 30 IP 37 40.45 -1.5

RDT 2.04 34 eP 37 41.09 -1.7
 SVW 2.26 349 IP 37 44.51 -0.9

NKA 2.55 42 eP 37 49.47 0.4
 CKL 2.59 26 IP 37 48.27 -1.5
 CKT 2.62 28 eP 37 48.56 -1.6
 BGL 2.64 25 IP 37 49.19 -1.2
 SPU 2.65 29 eP 37 48.65 -1.8
 CKN 2.65 28 eP 37 49.25 -1.2
 CP2 2.67 27 eP 37 49.70 -1.2
 CRP 2.69 27 eP 37 49.95 -1.2
 CGLM 2.77 28 eP 37 50.39 -1.7
 SLKM 2.79 53 eP 37 49.69 -2.6
 NCG 2.81 26 eP 37 51.40 -1.3
 SEW 2.94 64 eP 37 51.89 -2.3
 MPA 3.15 57 eP 37 54.42 -2.5
 SUA 3.24 36 eP 37 56.38 -2.0

SKT 3.47 26 eP 38 00.01 -1.2
 PTE 3.48 53 eP 37 58.72 -2.6
 PMS 3.49 46 eP 37 58.92 -2.7
 PWA 3.66 39 eP 38 02.04 -1.7
 LTI 3.68 69 IP 38 01.52 -2.6
 MTU 3.77 70 IP 38 02.76 -2.5
 PLRM 3.87 44 eP 38 03.15 -3.5
 KNK 4.01 49 eP 38 04.77 -3.8
 46 obs. associated

NOV 29, 1992 17h 39m 42.86±0.35s
 33.089 N ±5.3km 98.085 E ±4.7km
 DEPTH = 33.0km (normal)
 4.6mb (24 obs.) 4.3Msz (1 obs.)
 QINGHAI, CHINA (325)

LZH 5.61 56 eP 41 06.00 -0.4
 GTA 6.46 12 eP 41 20.00 1.7
 E 10s 19.40um

LSA 6.82 242 P 41 25.80 2.2
 KMI 8.92 152 Pc 41 53.00 0.4
 1.9s 50.00nm 5.4mb

Z 10s 3.90um 5.9Msz
 E 10s 8.90um

XAN 9.09 81 P 41 53.00 -1.9
 Z 15s 2.92um

GYA 9.96 129 P 42 08.40 1.6
 1.0s 58.00nm 5.8mb

Z 12s 2.01um 4.4Msz
 GUN 11.72 247 P 42 29.92 -1.2
 BTO 12.14 48 P 42 34.00 -2.5

N 12s 2.96um
 E 10s 2.30um

KKN 12.24 248 P 42 36.26 -1.7
 PKI 12.25 247 P 42 36.52 -1.7

DMN 12.46 247 P 42 39.28 -1.7
 TIY 12.58 64 eP 42 40.00 -2.4

Z 15s 3.90um
 N 11s 4.50um

GKN 12.65 250 P 42 40.90 -2.4
 HHC 13.26 50 P 42 48.10 -3.3
 1.2s 67.00nm 5.5mb

Z 12s 3.85um 4.2Msz
 N 12s 2.47um

E 10s 1.94um
 WMQ 13.44 326 P 42 51.60 -2.1
 1.5s 24.00nm 4.9mb

sP 43 11.00
 PP 43 11.50

WHN 14.06 96 eP 43 03.00 1.2
 Z 16s 4.74um

N 10s 4.51um
 E 10s 5.31um

CHG 14.24 177 ePd 43 05.30 1.1
 1.1s 37.97nm 4.9mb

eS 46 00.50
 BDT 15.00 177 eP 43 25.70 1.2
 1.0s 103.50nm 4.9mb

LOE 15.96 167 eP 43 25.70 -0.9
 TJA 15.98 73 eP 43 26.80 0.1

Z 15s 2.00um
 N 13s 2.40um

SS 46 32.40
 BJI 16.09 59 eP 43 25.00 -3.1X

Z 10s 3.21um
 GZH 16.73 123 P 43 34.60 -1.7

Z 10s 2.16um
 NST 17.44 173 eP 43 53.00 7.8X

ZAK 17.70 11 eP 43 50.20 1.9
 1.8s 31.00nm 4.1mb

KHT 18.23 178 eP 43 58.00 3.0X
 NDI 18.44 262 eP 43 56.00 -1.5
 0.4s 8.47nm 4.3mb

UER 18.70 352 eP 44 02.00 1.5
 1.5s 20.00nm 4.1mb

MOY 18.70 6 eP 44 04.10 3.5X
 KSH 18.90 296 P 44 04.70 1.4
 N 10s 1.69um
 E 10s 2.04um
 PP 44 27.00
 AAA 19.43 308 eP 44 11.00 1.6
 SSE 19.67 90 P 44 15.50 3.5X
 1.0s 15.00nm 4.2mb
 Z 12s 2.30um 5.0MszX
 IRK 19.70 11 eP 44 16.00 3.8X
 1.5s 32.00nm 4.4mb
 DL2 19.89 66 eP 44 14.00 -0.2

29d 17h

Z	12s	1.28um			
N	15s	2.23um			
E	15s	1.38um			
NNT	20.46	175 eP	44	22.20	1.8
FRU	20.85	305 eP	44	25.50	1.3
	2.0s	120.00nm		4.9mb	
		e	44	57.00	
SNY	21.98	59 Pc	44	35.60	0.1
Z	15s	1.41um		4.5MszX	
		S	48	32.00	
CIT	22.00	26 eP	44	34.50	-1.3
HYB	23.51	233 eP	44	52.80	2.0
	1.0s	50.00nm		5.0mb	
CN2	23.85	55 eP	44	55.30	1.4
	1.2s	35.00nm		4.8mb	
Z	17s	1.53um		4.5MszX	
		epP	45	05.00	35kmX
POO	26.11	242 eP	45	20.00	4.4X
CVP	26.26	120 ePc	45	35.00	18.1X
GBA	27.02	229 P	45	26.00	2.1
BOD	27.07	19 eP	45	25.80	1.8
BRVK	28.18	323 eP	45	32.00	-2.2
	2.0s	17.00nm		4.4mb	
Z	20s	0.70um		4.3Msz	
N	18s	0.29um			
E	22s	0.32um			
ARU	35.72	323 eP	46	40.00	-0.1
OBV	47.55	317 eP	48	21.00	4.2X
Z	17s	0.60um		4.6MszX	
E	18s	0.60um			
KAF	52.92	326 eP	48	57.90	0.2
NUR	53.80	324 eP	49	04.80	0.7
UPP	57.36	324 iP	49	29.40	-0.5
OJC	58.27	312 eP	49	38.50	2.1
HFS	59.24	325 eP	49	42.80	-0.2
	0.4s	1.10nm		4.3mb	
Z	17s	128.00um		7.1MszX	
		LR	13	28.00	
NAO	60.44	326 P	49	49.40	-1.8
	0.6s	1.50nm		4.3mb	
GEC2	62.47	312 eP	50	05.50	0.3
	0.6s	0.85nm		4.0mb	
		e	50	10.90	
		e	50	14.10	
WRA	63.09	141 P	50	09.90	0.5
	0.7s	5.10nm		4.8mb	
WB2	63.09	141 eP	50	08.90	-0.6
	0.7s	9.80nm		5.0mb	
		i	50	14.30	
ASPA	65.97	144 eP	50	26.90	-1.2
	0.7s	3.80nm		4.6mb	
LPG	68.13	311 eP	50	43.10	1.1
	0.8s	7.50nm		4.8mb	
LPL	68.13	311 eP	50	42.50	0.6
	0.6s	3.70nm		4.7mb	
AVF	69.68	313 eP	50	51.10	0.0
	0.8s	2.95nm		4.4mb	
BCAO	78.84	268 iPd	51	43.00	-1.6
	0.9s	5.00nm		4.5mb	
S.D. = 1.5 on 50 of 60 obs.					
& NOV 29, 1992 18h 16m 08.68s					
34.035 N 116.959 W					
DEPTH = 9.2km					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 3.0 (PAS), 2.7 (GS).					
PEC	0.22	230 iPc	16	13.09	-0.3
SSK	0.63	286 eP	16	20.39	-1.0
		S	16	29.66	
PLM	0.68	173 iPd	16	21.52	-0.9
		eS	16	30.43	
GSC	1.27	6 ePc	16	31.71	-0.7
GLA	2.03	118 (Pn)	16	43.72	0.2
ABL	2.04	294 ePn	16	43.02	-0.7
ISA	2.05	323 ePn	16	42.59	-1.1
		ePq	16	45.99	
MMPM	3.94	335 (Pn)	17	11.74	0.8
BONR	4.06	345 ePn	17	12.74	0.2
		ePq	17	24.70	
9 obs. associated					
& NOV 29, 1992 19h 40m 34.22s					
36.279 N 120.336 W					
DEPTH = 10.0km					
CENTRAL CALIFORNIA (39)					
<GM-P>. MD 2.9 (GM). ML 3.0					

(GS).

PKEM	0.28	140 ePn	40	41.31	1.1
		S	40	46.36	
PHAM	0.44	187 ePn	40	43.68	0.4
BCH	1.11	169 eP	40	54.53	-0.6
		eS	41	09.43	
ARN	1.44	318 ePn	40	59.71	-0.6
COE	1.45	313 ePn	40	59.68	-0.8
ISA	1.63	112 eP	41	01.75	-1.4
		eS	41	22.27	
ABL	1.69	147 ePn	41	02.04	-2.1
		eS	41	23.19	
MMPM	1.69	38 eP	41	03.79	-0.5
		iS	41	25.62	
CMB	1.75	359 eP	41	04.08	-0.8
		eS	41	27.85	
MEMM	1.78	39 ePc	41	05.54	0.3
		S	41	28.14	
MTUM	1.78	52 ePc	41	05.40	0.0
		eS	41	28.29	
MRCM	2.02	46 eP	41	09.42	0.5
		iS	41	35.45	
BONR	2.33	44 ePn	41	13.43	-0.1
		ePq	41	15.05	
		eS	41	46.52	
SSK	2.99	133 (Pn)	41	21.41	-1.3
GSC	3.03	108 (P)	41	21.05	-2.2
TNP	3.07	53 (Pn)	41	23.86	0.0
ORV	3.40	345 (P)	41	28.36	0.0
		S	42	17.09	

17 obs. associated

NOV 29, 1992 19h 56m 49.00±0.53s					
35.149 N ± 5.0km 3.784 W ± 5.7km					
DEPTH = 10.0km (geophysicist)					
STRAIT OF GIBRALTAR (385)					
MD 3.7 (RBA). mbLg 3.3 (MDD).					

EMEL	0.69	77 ePq	57	03.00	0.3
		eSg	57	14.00	
MAL	1.66	342 ePn	57	24.00	5.8X
		iSg	57	35.00	
EGUA	1.69	6 iP	57	17.40	-1.3
		eS	57	37.00	
OJEN	1.72	304 eP	57	24.00	4.9X
PLAT	1.88	302 iP	57	28.00	6.5X
EJIF	1.89	314 ePn	57	22.19	0.6
MOMI	1.96	307 eP	57	30.00	7.3X
IFR	1.97	215 iPn	57	23.00	0.0
		i	57	27.00	
		iSn	57	48.00	
ALJ	2.12	316 iP	57	30.00	4.9X
ECOG	2.13	5 ePn	57	25.60	0.4
EPRU	2.16	328 ePn	57	26.35	0.0
ENIJ	2.22	35 ePn	57	26.02	-0.4
		eSn	57	54.40	
EHUE	2.83	19 ePn	57	35.85	0.7
		eSn	58	11.10	
EHOR	2.92	337 ePn	57	36.00	-0.3
EVAL	3.41	316 ePn	57	42.64	-0.6
		eSn	58	22.20	
AVE	3.53	239 ePn	57	45.00	0.0
		i	57	55.00	
		iSn	58	24.50	
		i	58	41.50	
EVIA	3.63	16 ePn	57	46.53	0.0
TIO	5.12	216 iPn	58	07.50	-0.2
		i	58	08.50	
		iSn	59	03.50	
		i	59	10.50	

S.D. = 0.7 on 13 of 18 obs.

& NOV 29, 1992 21h 02m 53.99s					
34.146 N 116.878 W					
DEPTH = 9.3km					
SOUTHERN CALIFORNIA (43)					
<PAS-P>. ML 3.5 (PAS), 3.1 (GS).					

PEC	0.35	223 iPc	03	00.50	-0.6
SSK	0.68	276 iPc	03	06.59	-1.1
PLM	0.79	179 iPd	03	08.62	-0.9
GSC	1.15	3 iPc	03	15.28	-0.4
ISA	2.00	320 ePn	03	28.73	0.3
GLA	2.03	122 ePn	03	27.15	-1.6
ABL	2.06	291 ePn	03	28.33	-1.0
BCH	2.04	292 ePn	03	39.66	-0.7

MTUM	3.48	337 ePn	03	51.09	1.5
		ePq	03	58.13	
MMPM	3.87	334 (Pn)	03	55.33	0.1
TNP	3.94	356 ePn	03	56.64	0.6
		ePq	04	06.25	
BONR	3.97	344 ePn	03	58.19	1.6
		ePq	04	08.71	

12 obs. associated

NOV 29, 1992 21h 13m 20.34±0.35s					
50.173 N ± 3.6km 4.204 E ± 3.0km					
DEPTH = 8.1 ± 2.2 km					
BELGIUM (541)					
ML 2.8 (LDG), 2.5 (BNS).					

DOU	0.26	107	iPd	13	25.70	-0.1
SNF	0.34	9	iPc	13	26.84	-0.5
UCC	0.63	9	iP	13	40.90	7.8X
MEM	1.23	69	iPc	13	43.16	-0.3
			iS	13	59.08	
ENN	1.25	61	iPg	13	43.60	-0.1
	0.5s	16.00nm				
			eSg	14	00.00	
WLF	1.36	111	iP	13	46.00	0.5
			iS	14	03.00	
KLL	1.43	70	iPnc	13	46.20	-0.4
	0.3s	*****nm				
			iPg	13	46.40	
			iS	14	04.70	
RUP	1.90	103	ePn	13	53.48	0.0
ABH	2.18	96	ePn	13	57.09	-0.3
HAU	2.59	146	Pn	14	04.10	0.9
			Pg	14	08.30	
			Sg	14	41.30	
CDF	2.67	130	Pn	14	04.90	0.4
			Pg	14	10.10	
			Sg	14	43.00	
BSF	2.90	143	Pn	14	08.50	0.8
			Sg	14	50.30	
LOR	2.92	185	Pn	14	07.70	-0.2
			Pg	14	17.00	
			Sn	14	41.80	
			Sg	14	53.30	
SSF	3.15	189	Pn	14	10.40	-0.7
			Pg	14	21.60	
			Sn	14	47.60	
			Sg	15	01.70	
LBF	3.19	183	Pn	14	12.20	0.3
			Pg	14	21.00	
			Sn	14	48.50	
			Sg	15	02.40	
LDF	3.24	242	Pn	14	13.20	0.8
			Pg	14	24.40	
			Sn	14	50.20	
			Sg	15	06.30	
FLN	3.37	247	Pn	14	15.20	1.0
			Pg	14	25.60	
			Sn	14	54.90	
			Sg	15	11.30	
AVF	3.43	190	Pn	14	14.70	-0.5
			Pg	14	26.10	
			Sn	14	53.20	
			Sg	15	09.80	
SMF	3.54	184	Pn	14	15.90	-0.8
			Pg	14	28.30	
			Sn	14	55.80	
			Sg	15	14.20	
BGF	3.73	195	Pn	14	19.20	-0.2
			Sn	15	00.40	
			Sg	15	20.40	
GRR	3.76	244	Pn	14	20.50	0.6
			Pg	14	32.90	
			Sg	15	22.40	
LPF	4.06	240	Pn	14	24.20	0.2
			Sn	15	10.00	
			Sg	15	32.10	
MAF	4.10	196	Pn	14	24.10	-0.6
			Sn	15	09.10	
TCF	4.11	200	Pn	14	24.30	-0.5
			Sn	15	09.10	
			Sg	15	33.20	
LSF	4.31	206	Pn	14	27.60	-0.1
			Sn	15	14.20	
			Sg	15	39.30	
MFF	4.60	221	Pn	14	31.20	-0.5
			Sn	15	22.10	
S.D. = 0.6				25 of 26 obs.		

& NOV 29, 1992 21h 47m 57.89s 59.454 N 152.632 W DEPTH = 73.8km SOUTHERN ALASKA <AEIC>. (2)					TTG 1.08 210 iPg 54 05.65 0.0 iSg 54 20.25 BRY 1.16 247 iPg 54 07.17 0.1 iSg 54 23.42 BDV 1.38 219 iPg 54 11.11 0.5 iSg 54 30.28 HCY 1.43 231 iPg 54 12.18 0.8 iSg 54 32.13 ULC 1.51 202 iPg 54 13.30 0.9 iSg 54 34.32 SKO 1.76 142 iPn 54 15.90 -0.1 OHR 2.33 165 iPn 54 24.40 0.0 i 54 28.80 i 54 58.50 i 55 02.00 Lg 55 04.10 VAY 2.80 136 ePn 54 30.00 -0.9 GZR 2.84 44 eP 54 42.50 10.9X DEV 3.26 39 ePc 54 43.50 6.0X PTJ 3.83 313 iPn 54 44.90 -0.8 iSn 55 40.60 VBY 4.01 304 ePn 54 47.50 -0.6 PSZ 4.55 359 e(P) 55 41.80 46.0X MLR 4.76 61 eP 55 00.00 1.1 S.D. = 0.7 on 15 of 18 obs.	iS 29 05.06 PCH 1.46 234 iPd 28 45.40 0.5 iS 29 06.94 SAN 1.48 242 iP+ 28 45.16 0.2 iS 29 07.39 ROCH 1.62 262 iP+ 28 46.40 -0.3 iS 29 09.34 TACH 1.78 239 iP+ 28 48.34 0.1 iS 29 12.72 CACH 1.84 222 iPd 28 49.45 0.3 iS 29 15.75 RFA 2.08 165 ePc 28 51.80 0.0 LCCM 2.19 250 iPd 28 52.47 -0.6 iS 29 19.33 LNV 2.27 238 iP 28 53.58 -0.5 iS 29 21.37 MRA 2.89 84 ePd 29 02.50 0.7 S 29 30.00 TCA 4.08 71 iPc 29 17.20 -0.4 (S) 29 54.80 S.D. = 0.5 on 17 of 17 obs.
OPT 0.36 303 iPd 48 09.51 -0.6 eS 48 18.99 AUE 0.39 256 eP 48 09.82 -0.4 AUP 0.41 257 ePd 48 10.14 -0.4 eS 48 20.11 AUL 0.42 260 eP 48 10.15 -0.4 AUI 0.42 254 ePd 48 10.02 -0.5 eS 48 19.21 AUH 0.42 258 eP 48 10.35 -0.3 AUV 0.44 259 eP 48 10.38 -0.3 XLV 0.46 90 eP 48 09.84 -1.1 INE 0.65 340 iPd 48 11.89 -1.0 ILIM 0.65 345 iPd 48 11.86 -0.9 eS 48 23.45 INW 0.67 338 eP 48 12.48 -0.6 CNPM 0.72 84 ePc 48 12.33 -1.2 eS 48 24.10 CDD 0.74 225 iPd 48 12.99 -0.8 eS 48 24.52 SYI 0.86 172 iPd 48 14.14 -0.9 eS 48 27.27 PDB 0.86 294 ePc 48 14.33 -0.8 eS 48 27.23 MCNL 0.91 254 iPc 48 14.73 -1.1 eS 48 27.97 BRLK 0.94 70 eP 48 15.44 -0.7 eS 48 28.87 RS1 1.01 356 iPd 48 16.39 -0.8 eS 48 31.36 RSO 1.01 357 iPd 48 16.40 -0.8 RS2 1.01 356 iPd 48 16.45 -0.8 eS 48 31.53 RDW 1.04 355 ePd 48 16.71 -0.8 REF 1.04 358 iPd 48 16.70 -0.8 eS 48 31.62 RDN 1.07 357 eP 48 17.19 -0.6 NCT 1.12 352 iPd 48 17.71 -0.8 eS 48 33.58 RDT 1.13 6 eP 48 17.61 -1.0 DFR 1.14 359 iPd 48 17.97 -0.8 NKA 1.47 28 eP 48 24.12 1.2 SLKM 1.61 48 ePc 48 23.89 -1.0 KDC 1.71 177 eP 48 24.68 -1.5 SEW 1.74 67 eP 48 25.98 -0.6 CKL 1.75 5 iPd 48 26.35 -0.6 SPU 1.76 9 iPd 48 26.22 -0.7 CKT 1.77 7 iPd 48 26.40 -0.7 CKN 1.79 7 eP 48 25.79 -1.6 BGL 1.82 4 iPd 48 27.29 -0.5 CP2 1.83 6 eP 48 27.61 -0.4 CRP 1.83 7 eP 48 27.86 -0.2 CGLM 1.89 9 ePd 48 28.14 -0.6 MPA 1.95 56 eP 48 28.61 -0.8 NCG 1.97 7 iPd 48 29.32 -0.6 SUA 2.22 24 ePc 48 32.90 -0.5 SVW 2.23 319 eP 48 32.17 -1.2 PTE 2.29 50 eP 48 32.96 -1.2 PMS 2.36 39 eP 48 34.07 -1.1 LTI 2.49 74 eP 48 35.52 -1.4 MTU 2.58 76 eP 48 36.94 -1.3 SKT 2.59 12 eP 48 37.81 -0.6 KNK 2.85 45 eP 48 40.53 -1.5 GHO 2.96 37 eP 48 42.85 -0.7 GLI 3.12 60 eP 48 43.87 -1.8 50 obs. associated					? NOV 29, 1992 23h 00m 11.97±3.03s 7.098 N ±20.7km 76.301 W ±29.1km DEPTH = 110.6 ± 25.3 km NORTHERN COLOMBIA (99) BMG 3.20 90 eP 01 01.00 -0.6 BOG 3.32 138 eP 01 03.00 -0.3 eS 01 51.00 SDV 5.89 72 iPnd 01 40.40 2.0 iSn 02 51.60 PSO 5.95 190 eP 01 39.50 0.0 TOV 6.97 67 ePc 01 54.80 1.7 eS 03 12.30 CEOS 8.12 76 iP 02 07.50 -1.3 MORO 8.73 64 iP 02 16.20 -1.0 OLLA 9.83 72 iP 02 31.10 -0.8 ZOBO 24.60 161 eP 05 25.00 0.9 WRA 147.66 244 PKP 19 42.50 -0.5 0.8s 0.20nm S.D. = 1.4 on 10 of 10 obs.	& NOV 29, 1992 23h 53m 27.75s 34.353 N 116.903 W DEPTH = 4.2km SOUTHERN CALIFORNIA (43) <PAS-P>. ML 3.2 (PAS), 2.7 (GS) PEC 0.51 205 iPd 53 37.12 -0.8 SSK 0.67 258 ePc 53 40.35 -0.8 S 53 49.75 GSC 0.95 5 ePc 53 45.40 -1.1 S 53 57.89 PLM 1.00 178 ePd 53 46.11 -1.2 S 53 59.86 ISA 1.84 316 ePn 53 59.29 -1.1 ABL 1.98 285 ePn 54 01.46 -1.1 GLA 2.16 126 ePn 54 02.37 -2.7 BCH 2.75 288 ePn 54 12.67 -0.8 BONR 3.77 343 ePg 54 38.69 10.5 9 obs. associated
NOV 29, 1992 21h 53m 45.31±0.54s 43.369 N ± 4.6km 19.995 E ± 4.3km DEPTH = 10.0km (geophysicist) NORTHWESTERN BALKAN REGION (383) ML 2.7 (TTG).					% NOV 29, 1992 23h 23m 20.06±0.91s 44.355 N ± 8.7km 7.271 E ± 8.9km DEPTH = 10.0km (geophysicist) NORTHERN ITALY (545) ML 1.6 (GEN). STV 0.12 161 P 23 23.16 0.1 S 23 25.31 ENR 0.17 140 P 23 23.91 0.0 S 23 26.60 PZZ 0.19 321 P 23 24.39 0.0 S 23 27.43 ROB 0.43 98 P 23 19.13 -9.8X S 23 35.40 BHB 0.49 359 P 23 29.67 -0.3X S 23 36.00 IMI 0.63 135 P 23 32.64 -0.1X S 23 40.75 FIN 0.69 102 P 23 33.57 -0.2 PCP 0.93 78 P 23 38.02 0.1 S.D. = 0.2 on 5 of 8 obs.	NOV 30, 1992 00h 05m 27.90±0.89s 43.065 N ± 9.4km 4.748 E ± 3.7km DEPTH = 10.0km (geophysicist) NEAR SOUTH COAST OF FRANCE (379) ML 3.0 (LDG), 2.5 (STR). GELF 0.59 57 Pg 05 40.53 0.7 Sg 05 46.23 TREF 0.73 39 Pg 05 42.47 0.3 Sg 05 48.44 BERF 0.73 70 Pg 05 43.66 1.3 Sg 05 52.28 PRAF 0.80 22 Pg 05 43.24 -0.2 Sg 05 49.89 PUYF 0.84 56 Pg 05 44.39 0.3 Sg 05 52.12 VILF 1.06 41 Pg 05 47.94 0.1 TAVF 1.10 60 Pg 05 48.99 0.3 Sg 06 00.71 LRG 1.24 71 Pn 05 51.20 0.3 Pg 05 52.30 Sg 06 05.70 LMR 1.32 78 Pn 05 52.30 0.1 Pg 05 53.80 Sg 06 08.70 FRF 1.47 70 Pn 05 54.20 -0.3 Pg 05 56.20 Sg 06 13.00 MVIF 1.94 64 Pn 06 02.07 0.7 Pg 06 04.78 REVF 2.03 70 Pn 06 02.31 -0.2 Sg 06 30.72 AURF 2.05 65 Pn 06 01.99 -0.9 Sg 06 30.98 TOUF 2.05 62 Pn 06 03.20 0.2 Pg 06 06.47 SBF 2.11 67 Pn 06 02.83 -1.0 AUTN 2.16 64 Pn 06 04.67 0.0 Sg 06 34.57 SAOF 2.24 65 Pn 06 04.60 -1.0 CAF 2.69 315 Pn 06 13.10 1.1 Sg 06 53.20 LPD 3.04 303 Pn 06 18.20 1.3 Sg 07 07.90 PGF 3.17 98 Pn 06 18.39 -0.5
NOV 29, 1992 21h 53m 45.31±0.54s 43.369 N ± 4.6km 19.995 E ± 4.3km DEPTH = 10.0km (geophysicist) NORTHWESTERN BALKAN REGION (383) ML 2.7 (TTG).					NOV 29, 1992 23h 28m 15.51±1.10s 32.758 S ± 7.0km 69.104 W ± 5.5km DEPTH = 147.1 ± 15.6 km MENDOZA PROVINCE, ARGENTINA (139) MD 4.2 (SAN). MDZ 0.25 120 iP 28 35.30 -0.7 iS 28 46.30 RTBS 1.13 345 iPd 28 42.20 0.8 FCH 1.15 240 iP+ 28 42.38 0.4 iS 29 03.71 JACH 1.26 273 iP+ 28 43.00 0.2 iS 29 03.45 ZON 1.26 17 iPd 28 42.00 -0.8 eS 29 01.00 CFA 1.36 33 iPc 28 44.00 0.2 S 29 04.00 PEL 1.38 253 iP+ 28 44.13 0.1	

S.D. = 0.7 on 24 of 24 obs.

S.D. = 0.9 on 22 of 28 obs.

HOKKAIDO, JAPAN REGION (224)

NIIJ	7.10	219	P	22	27.60	-1.0
KAKJ	7.51	209	P	22	30.60	-3.6X
			eS	23	50.50	
CHJJ	8.10	214	P	22	40.40	-2.0

pP 24 11.00

	0.85	13.79nm	4.8mb
		epP	28 50.49 47kmX
TOA	43.85	39 eP	28 46.80 0.9
LSA	44.37	271 iPc	28 52.00 1.0

GBA	64.18	265	P	31	15.00	0.1
KAF	64.24	333	iP	31	13.10	-1.6
	0.5s		8.20nm			4.9mb
NEW	64.28	47	P	31	14.50	-0.8

0.8s 8.70nm 4.8mb

SRO	78.01	326	iP	32	39.10	1.7
ZST	78.20	327	e(P)	32	38.50	0.1
MOX	78.24	332	eP	32	38.70	0.0

SSP	08.8s	334 iPc	33	08.8s	4.7mb
SSF	04.04	334 iPc	33	09.00	-0.2
	0.9s	10.00nm			4.8mb
SME	84.30	334 iPc	33	10.60	0.0

LPL	84.32	332	iPc	33	11.40	0.4	ZOBO	15.51	15	P	21	54.10	1.0	SPU	1.74	14	iPd	28	10.82	-1.0
	0.9s		6.70nm			4.7mb	SIV	18.43	36	eP	22	33.00	3.6X	CKT	1.77	11	iPd	28	10.90	-0.9
AVF	84.33	334	iPc	33	10.80	0.2	BAO	27.15	60	Pd	23	56.00	-1.4	KDC	1.77	173	eP	28	09.42	-2.6
	0.7s		8.95nm			4.9mb				e	24	12.40		CKN	1.77	11	eP	28	11.82	-0.3
LPG	84.33	332	iPc	33	11.60	0.5	BDF	27.20	60	Pd	23	55.00	-2.9X	BGL	1.79	8	ePc	28	11.55	-0.9
	0.8s		7.00nm			4.8mb	KIC	74.48	72	(P)	29	52.00	-0.4	CP2	1.81	10	eP	28	12.01	-0.8
BGF	84.70	335	iPc	33	13.20	0.7	WRA	122.91	210	PKP	37	10.40	0.3X	CRP	1.82	11	eP	28	12.16	-0.7
	0.8s		7.40nm			4.8mb		0.6s		0.40nm				SEW	1.85	69	eP	28	11.91	-1.2
MAF	85.08	335	iPc	33	15.10	0.6	GBA	147.05	116	PKP	37	57.00	2.3	CGLM	1.87	13	iPd	28	12.66	-0.9
	0.8s		16.10nm			5.1mb		S.D. = 1.2	on 25 of 33 obs.				NCG	1.95	11	iPd	28	13.78	-0.9	
TCF	85.14	335	iPc	33	15.00	0.2							MPA	2.04	59	eP	28	14.29	-1.4	
	0.8s		4.45nm			4.6mb							SVW	2.11	321	(P)	28	13.43	-3.3	
FVM	85.24	41	eP	33	15.67	0.3							SUA	2.25	28	eP	28	18.09	-0.6	
	0.6s		7.32nm			4.9mb							PTE	2.38	53	eP	28	18.40	-1.9	
LSF	85.38	335	iPc	33	16.20	0.2							PMS	2.42	42	ePc	28	19.72	-1.2	
	0.7s		5.75nm			4.8mb							SKT	2.58	15	eP	28	22.04	-1.2	
SBF	85.51	330	iPc	33	16.20	-0.5							LT1	2.61	76	eP	28	21.69	-1.9	
	1.1s		29.05nm			5.3mb							MTU	2.70	77	eP	28	23.22	-1.7	
MFF	85.57	336	iPc	33	17.40	0.5	KUG	3.11	125	eP	24	53.00	0.0	PLRM	2.81	40	eP	28	23.50	-2.8
	0.9s		15.05nm			5.1mb	KUPT	3.11	125	e(P)	24	53.00	0.0	PMR	2.81	40	(P)	28	24.22	-2.1
RJF	86.23	335	iPc	33	20.80	0.6	MKS	3.50	334	iPd	24	58.30	0.0	KNK	2.93	47	eP	28	25.44	-2.5
	1.0s		10.40nm			4.9mb	MBL	12.75	185	eP	27	03.50	-0.2	GHO	3.01	39	eP	28	27.53	-1.7
LRG	86.25	331	iPc	33	20.40	0.1							GLI	3.22	62	eP	28	28.53	-3.5	
	0.8s		16.40nm			5.2mb	WB2	17.29	133	eP	27	56.00	-5.3X	SML	3.23	42	eP	28	29.91	-2.4
LMR	86.30	331	iPc	33	20.40	-0.1		0.6s		4.60nm			3.9mb	HIN	3.35	72	eP	28	31.43	-2.4
	0.7s		9.25nm			5.0mb				eS	30	49.00		FID	3.45	66	eP	28	30.23	-5.1
CAF	86.40	334	iPc	33	22.00	0.9	ASPA	19.58	142	iPc	28	28.00	0.6	KLU	3.99	57	eP	28	39.49	-3.4
	0.8s		9.80nm			5.0mb		0.5s		4.80nm			4.1mb		S			29	21.88	
LFF	86.80	335	iPc	33	23.90	0.9	QIS	21.67	126	iPc	28	47.90	-0.5							
	0.8s		13.95nm			5.2mb		0.2s		6.00nm			4.6mb							
LPO	86.89	335	iPc	33	24.20	0.8	GUN	49.55	318	P	32	53.92	6.2X							
	0.6s		6.20nm			4.9mb		0.7s		23.00nm			5.3mb							
LMN	87.84	20	eP	33	31.50	3.5X	PKI	49.65	317	P	32	54.32	5.9X							
TIC	123.50	323	PKP	39	36.00	-0.5		0.6s		11.00nm			5.0mb							
KIC	123.63	323	PKP	39	36.20	-0.6	DMN	49.87	317	P	32	56.50	6.5X							
LIC	123.88	323	PKP	39	36.60	-0.7	KKN	49.87	317	P	32	56.60	6.6X							
SIV	145.35	47	PKP	40	22.20	5.2X	GKN	50.44	317	P	33	00.54	6.3X							
BAO	150.76	26	e(PKP)	40	31.00	5.3X			S.D. = 0.6	on 6 of 12 obs.										
			e	40	32.30															
			e	40	39.50															
BDF	150.82	25	PKPd	40	32.10	6.3X														
			e	40	33.20															
			e	40	45.00															

30d 03h

4.3mb (3 obs.) 4.0Msz (2 obs.)
NORTHERN MID-ATLANTIC RIDGE (403)

LIC	42.15	118	(P)	38	09.60	-0.4
KIC	42.28	118	(P)	38	10.60	-0.4
GRF	43.29	49	ePc	38	19.40	0.5
	1.0s	9.00nm		4.5mb		
Z	18s	0.20um		4.1Msz		
		e(pP)	38	25.90	22kmX	
		eSg	43	02.60		
UYO	44.30	289	iPc	38	34.60	7.3X
CLL	44.57	47	eP	38	29.00	-0.3
GEC2	44.86	50	eP	38	31.20	-0.5
	0.7s	1.16nm		3.9mb		
		e	38	37.30		
BRG	45.13	47	eP	38	33.70	0.0
PRU	45.46	49	P	38	30.50	-5.8X
	1.1s	4.00nm		4.3mb		
		e	38	37.50		
		e	41	55.00		
SIV	50.42	205	eP	39	20.00	4.7X
ZOBO	53.58	212	Pc	39	40.20	0.4
Z	22s	0.16um		4.0Msz		
		LR	57	16.00		
CCH	53.67	210	P	39	39.00	-1.0
LPB	53.78	212	Pc	39	41.60	0.6
CNCB	53.97	212	eP	39	42.00	-0.5
SLR	57.38	122	eP	43	06.00	1.6
	S.D. = 0.8	on	11	of	14	obs.

& NOV 30, 1992 03h 40m 17.95s
60.313 N 153.108 W
DEPTH = 143.1km
SOUTHERN ALASKA (2)
<AEIC>

RDW	0.23	41	iPc	40	37.05	0.7
			eS	40	52.86	
RS1	0.23	49	iPc	40	37.12	0.8
RS2	0.23	49	iPc	40	37.12	0.8
			eS	40	51.77	
RSO	0.23	49	iPc	40	37.06	0.7
			S	40	52.04	
ILIM	0.25	162	iPc	40	37.08	0.9
			eS	40	52.37	
INW	0.25	183	eP	40	36.92	0.6
INE	0.25	175	iPc	40	37.04	0.7
			eS	40	52.92	
RDN	0.26	40	eP	40	37.11	0.8
NCT	0.26	19	iPc	40	37.11	0.8
			eS	40	52.40	
REF	0.27	49	iPc	40	37.08	0.6
DFR	0.35	37	iPc	40	37.16	0.6
RDT	0.44	53	eP	40	37.64	-0.9
OPT	0.67	185	iPd	40	39.13	-0.6
			eS	40	56.22	
PDB	0.76	226	iPd	40	39.01	-1.4
			eS	40	56.03	
AUL	0.95	190	eP	40	40.98	-0.9
AUW	0.96	191	eP	40	40.95	-1.1
CKL	0.96	23	iPc	40	41.34	-0.8
			eS	41	00.88	
AUE	0.97	188	eP	40	41.08	-0.9
AUH	0.97	190	eP	40	41.34	-0.8
			S	41	00.38	
AUP	0.97	190	iPd	40	41.32	-0.8
			S	41	00.46	
AUI	0.99	189	eP	40	41.19	-1.1
			eS	40	59.73	
CKT	0.99	26	iPc	40	41.43	-1.0
SPU	1.01	30	iPc	40	41.42	-1.1
BGL	1.02	20	iPc	40	42.03	-0.6
NKA	1.02	64	iPc	40	43.00	0.5
CKN	1.02	26	iPc	40	41.85	-0.7
CP2	1.04	24	iPc	40	42.28	-0.7
CRP	1.07	26	iPc	40	42.27	-0.9
			eS	41	02.48	
CGLM	1.13	28	iPc	40	42.61	-1.1
NCG	1.19	23	iPc	40	43.40	-0.8
CNPM	1.23	129	iPc	40	43.81	-0.7
			eS	41	04.00	
BRLK	1.24	115	eP	40	44.13	-0.6
			eS	41	04.21	
MCNL	1.29	209	iPd	40	43.62	-1.5
CDD	1.41	191	iPd	40	44.92	-1.5
SLKM	1.45	81	iPc	40	45.01	-1.8
SVW	1.47	304	eP	40	44.87	-2.2

SUA	1.63	44	iPc	40	47.52	-1.4
			eS	41	12.41	
SYI	1.75	168	eP	40	48.51	-1.5
SEW	1.84	95	iPc	40	49.51	-1.6
SKT	1.84	24	iPc	40	49.87	-1.3
			eS	41	15.31	
MPA	1.87	83	iPc	40	49.53	-1.9
PMS	1.98	60	iPc	40	50.77	-2.0
PWA	2.07	48	iPc	40	53.50	-0.4
PTE	2.09	73	eP	40	51.68	-2.4
PLRM	2.33	55	eP	40	54.00	-3.0
GHO	2.51	52	iPc	40	56.64	-2.8
			eS	41	28.31	
KNK	2.53	62	iPc	40	56.75	-2.9
LTl	2.64	94	eP	40	58.70	-2.3
MTU	2.75	94	eP	41	00.54	-1.8
SML	2.76	55	iPc	40	59.66	-2.9
GLI	3.02	77	eP	41	02.96	-2.9
HUR	3.15	30	eP	41	06.36	-1.1
SCM	3.20	59	eP	41	05.54	-2.7
HIN	3.28	86	eP	41	06.95	-2.4
FID	3.31	80	eP	41	06.58	-3.0
KTH	3.41	17	eP	41	09.54	-1.5
TRF	3.42	22	eP	41	09.23	-2.0
VLZ	3.43	73	ePc	41	08.43	-2.7
CVA	3.66	83	ePc	41	11.95	-2.2
RND	3.70	31	eP	41	12.88	-2.0
KLU	3.71	68	iPc	41	11.91	-3.0
TOA	3.81	59	eP	41	13.99	-2.2
SGAM	3.92	84	eP	41	15.16	-2.6
MCK	3.95	28	eP	41	16.80	-1.4
TZL	4.11	62	eP	41	18.00	-2.1
RAGM	4.19	85	ePc	41	18.92	-2.4
SDG	4.26	55	eP	41	20.12	-2.1
KAIM	4.37	91	eP	41	22.35	-1.2
HMT	4.40	86	eP	41	21.81	-2.3
PAX	4.51	51	eP	41	23.50	-2.2
NEA	4.67	22	eP	41	24.75	-2.9
GLB	4.68	72	iPc	41	26.11	-1.8
WRH	4.78	27	eP	41	26.12	-3.0
MLY	4.86	12	eP	41	27.95	-2.3
CROM	4.94	81	eP	41	28.83	-2.7
CCB	5.00	27	eP	41	28.92	-3.1
HDA	5.01	32	eP	41	29.38	-2.8
WAX	5.09	84	ePc	41	31.00	-2.4
SNH	5.12	87	eP	41	32.58	-1.1
MDM	5.18	24	eP	41	31.63	-2.9
	80	obs.	associated			

% NOV 30, 1992 04h 49m 07.64± 3.87s
44.037 N ±29.4km 7.106 E ±16.1km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 1.0 (STR).

MVIF	0.14	167	Pg	49	11.11	0.0
			Sg	49	13.45	
AURF	0.22	133	Pg	49	11.92	-0.5
			Sg	49	15.62	
AUTN	0.24	100	Pg	49	12.18	-0.6
CALN	0.32	209	Pg	49	14.10	-0.3
			Sg	49	18.34	
SAOF	0.33	99	Pg	49	14.55	0.1
			Sg	49	19.98	
	S.D. = 0.4	on	5	of	5	obs.

NOV 30, 1992 05h 01m 36.29± 1.70s
3.132 S ± 9.2km 75.622 W ±15.1km
DEPTH = 127.7 ± 17.5 km
4.4mb (2 obs.)

NORTHERN PERU (111)						
NNA	8.88	188	iPc	03	44.80	1.7
	0.5s	70.42nm		5.6mb	X	
		iS	05	55.70		
ARE	13.85	163	eP	04	53.00	4.3X
ZOBO	15.01	151	P	05	02.40	-1.3
LPB	15.23	151	P	05	05.20	-1.1
CNCB	15.53	152	eP	05	10.00	-0.2
MORO	15.78	27	eP	05	13.50	1.7
CCH	16.94	147	P	05	26.00	-1.4
SIV	19.19	133	P	05	57.40	4.6X
HJA	22.28	155	eP	06	25.80	2.1
UYO	41.13	336	iPc	09	09.00	-0.3
RLO	43.09	337	e(P)	09	23.20	-2.1
TUL	43.18	336	eP	09	24.90	-1.1
	0.4s	43.60nm		5.5mb	X	

LNO2	43.18	336	eP	09	24.90	-1.1
EEO	49.65	357	eP	10	18.50	1.8
ULM	55.96	344	eP	11	05.00	1.6
SES	61.37	335	ePd	11	39.80	-1.1
LIC	71.10	82	P	12	42.70	-0.5
TIC	71.14	82	P	12	43.10	-0.4
KIC	71.39	82	Pd	12	44.70	-0.3
YKA	71.80	342	eP	12	44.70	-1.8
	0.6s	2.30nm		4.1mb		
FBA	85.34	336	eP	14	01.00	1.1
IMA	88.01	336	eP	14	12.98	0.0
	1.1s	6.73nm		4.6mb		
ASPA	140.80	226	ePKP	20	46.80	-6.8)
	0.7s	4.20nm				
LZH	147.20	1	ePKP	21	07.50	3.2)
	1.4s	47.00nm				
GKN	148.91	35	PKP	21	07.82	0.6
KKN	149.44	35	PKP	21	08.50	0.4
PKI	149.68	35	PKP	21	08.72	0.1
GUN	149.69	34	PKP	21	09.22	0.6
GBA	151.42	67	PKP	21	18.40	7.4)
MBL	151.50	211	iPKPd	21	11.90	0.8
	0.5s	9.00nm				
	S.D. = 1.3	on	25	of	30	obs.

? NOV 30, 1992 07h 25m 22.66± 1.30s
54.425 S ±41.9km 158.724 E ±32.8km
DEPTH = 10.0km (geophysicist)
4.9mb (3 obs.)

MACQUARIE ISLANDS REGION (167)						
MCQ	0.15	119	iPc	25	25.90	-0.3
STKA	25.63	325	eP	30	58.60	4.9X
			eS	35	38.70	
RMO	28.86	341	eP	31	24.20	1.0
DZM	32.83	13	iPc	32	01.50	3.1X
ASPA	35.88	319	iPc	32	24.20	-0.4
	0.8s	31.40nm		5.2mb		
Z	23s	0.10um		3.5MszX		
WB2	39.11	322	iPc	32	50.90	-0.8
	0.6s	16.50nm		4.9mb		
WRA	39.12	322	P	32	51.20	-0.6
	0.6s	5.40nm		4.4mb		
QBN	147.42	295	ePKP	45	05.50	1.1
	S.D. = 1.1	on	6	of	8	obs.

NOV 30, 1992 08h 30m 32.48± 0.41s
16.412 S ± 5.8km 28.444 E ± 9.5km
DEPTH = 10.0km (geophysicist)
4.3mb (3 obs.)
ZAMBIA (576)
mbLg 4.5 (BUL).

BUL	3.71	178	iPn	31	32.00	0.7
			iPc	31	35.40	
			iPg	31	44.00	
			iSg	32	28.00	
CIR	5.46	147	iPn	31	56.30	0.4
			iSn	32	57.10	
			iSg	33	21.00	
SLR	9.28	181	iPc	32	48.00	-1.4
	0.9s	50.42nm			5.9mb	X
		S	34	27.30		
BFT	9.35	171	eP	32	50.50	0.0
		S	34	18.50		
SEK	11.88	184	eP	33	20.50	-4.6X
		S	35	27.50		
BLF	12.81	189	eP	33	31.50	-6.0X
		S	35	43.20		
LWI	14.09	1	i(P)	33	43.30	-11.3X
			i(S)	36	44.30	
CER	18.79	204	eP	34	49.00	-5.2X
		S	38	30.00		
BCAO	22.91	334	iPc	35	38.30	0.5
	0.8s	4.00nm			4.0mb	
		id	37	48.00		
		id	42	28.00		
KIC	39.87	302	P	38	08.40	0.0
LIC	40.03	302	P	38	09.40	-0.2
TIC	40.26	302	P	38	11.60	0.0
	0.7s	9.00nm			4.6mb	X
GBA	56.86	61	P	40	20.00	-0.1
GEC2	66.27	349	eP	41	23.40	0.4
	0.8s	2.54nm			4.5mb	
		e	41	26.90		
GKN	70.06	51	P	41	46.50	-0.7
KKN	70.43	52	P	41	49.00	-0.5

GUN 70.95 52 P 41 52.20 -0.6
WRA 98.75 114 P 44 15.60 1.5
0.7s 0.50nm 4.3mb
S.D. = 0.8 on 14 of 18 obs.

* NOV 30, 1992 08h 33m 01.48 ± 0.93s
23.251 N ± 7.0km 98.199 W ± 15.8km
DEPTH = 10.0km (geophysicist)
CENTRAL MEXICO (523)

IIC	3.60	196	P	33	57.90	-1.0
UNM	4.01	193	P	34	05.00	0.5
			S	34	49.00	
AGX	4.03	251	P	34	05.50	1.0
			S	34	51.50	
PPM	4.18	186	P	34	06.00	-1.2
IISM	4.31	170	P	34	15.00	6.4X
MRX	4.50	219	P	34	12.50	1.3
			S	35	04.00	
III	4.99	194	P	34	22.50	4.0X
CGX	6.04	235	(P)	34	41.00	7.8X
OXX	6.29	167	P	34	48.00	11.2X
BUTX	8.44	5	P	35	09.64	2.9X
			S	36	42.90	
			Lq	38	04.59	
UYO	11.36	16	iPc	35	49.30	2.5
MIAR	11.96	19	eP	35	54.19	-0.7
			e	35	57.06	
			eS	38	04.67	
ALQ	13.70	330	eP	36	30.00	11.7X
			eLq	40	21.00	
PV10	17.70	331	(P)	37	14.00	4.1X
PV09	17.84	331	eP	37	09.54	-2.1
ARUT	19.51	321	eP	37	31.18	-0.9
DAU	20.35	330	eP	37	40.63	-0.5
BONR	22.61	315	eP	38	05.00	1.1

S.D. = 1.5 on 11 of 18 obs.

* NOV 30, 1992 09h 05m 51.55 ± 2.33s
38.730 N ± 12.5km 26.556 E ± 23.4km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.4 (ISK).

IZM	0.65	121	iPg	06	02.90	-1.6
			eSg	06	13.00	
EZN	1.11	351	iPn	06	12.00	-0.3
CIN	1.65	133	eP	06	22.00	1.3
DST	1.83	61	ePn	06	24.10	0.7
EDC	1.90	32	ePn	06	24.00	-0.4
BNT	1.94	33	ePn	06	25.00	0.2
KCT	2.06	42	iPn	06	29.00	2.4X

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

* NOV 30, 1992 09h 17m 13.70 ± 0.90s
39.009 N ± 8.2km 27.590 E ± 9.8km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.8 (ISK).

IZM	0.66	203	ePn	17	27.00	0.1
DST	1.00	53	iPn	17	32.10	-0.6
EZN	1.27	310	ePn	17	37.00	-0.3
BNT	1.37	11	ePn	17	39.00	0.2
KCT	1.37	25	iPn	17	39.50	0.6
CIN	1.46	164	ePg	17	50.00	9.9X
			iSg	17	57.00	

S.D. = 0.7 on 5 of 6 obs.

NOV 30, 1992 09h 32m 37.57 ± 0.10s
35.692 N ± 2.8km 34.584 W ± 1.2km
DEPTH = 19.6km (89 depth phases)
6.1mb (127 obs.) 5.7msz (47 obs.)
AZORES ISLANDS REGION (404)

Complex event observed on broadband displacement seismograms.
FAULT PLANE SOLUTION: P-Waves
NP1:Strike=65 Dip=87 Slip=10
NP2: 334 80 177
Principal Axes:
T Val= 9 Azm=290
P 5 199
Comment: The focal mechanism is moderately well controlled and corresponds to strike-slip faulting with a large reverse

component. The preferred fault plane is not determined.

RADIATED ENERGY
No. of sta: 12 Focal mech. F
Energy 1.2 ± 0.2 × 10¹⁴ Nm

MOMENT TENSOR SOLUTION
Dep 18 No. of sta: 20
Moment Tensor: Scale 10¹⁸ Nm
Mrr= 0.10 Mtt=-1.32
Mff= 1.21 Mrt= 0.20
Mrf= 0.19 Mtf= 0.28

Principal axes:
T Val= 1.28 Plg=10 Azm=277
N 0.09 78 62
P -1.37 7 186

Best Double Couple: Mo=1.3 × 10¹⁸
NP1:Strike=321 Dip=78 Slip=178
NP2: 52 88 12

CENTROID, MOMENT TENSOR (HRV)

Data Used: GDSN
L.P.B.: 33S, 75C M.W.: 26S, 30C
Centroid Location:

Origin Time 09:32:38.3 0.1
Lat 35.85N 0.01 Lon 34.29W 0.01
Dep 15.0 FIX Half-duration 1.0

Moment Tensor: Scale 10¹⁷ Nm
Mrr=-6.69 0.05 Mtt= 1.41 0.07
Mff= 5.28 0.07 Mrt=-1.94 0.20
Mrf= 0.85 0.23 Mtf= 3.05 0.06

Principal Axes:
T Val= 6.96 Plg=1 Azm=119
N 0.37 17 209
P -7.32 73 26

Best Double Couple: Mo=7.1 × 10¹⁷
NP1:Strike=193 Dip=47 Slip=-113
NP2: 45 48 -67

PDA	7.45	71	eP	34	25.80	-2.1
STS	21.34	62	iPd	37	25.34	-0.2
ANTZ	22.12	102	iPd	37	34.00	0.5
			i	37	36.00	7kmX
ERUA	22.28	64	eP	37	35.62	0.6
EVAL	22.39	77	iPd	37	36.22	0.1
AVE	22.50	88	iPc	37	37.80	0.6
			i	38	08.50	155kmX
EPLA	22.87	70	iPc	37	41.35	0.5
SFS	22.92	80	iP	37	44.00	2.7X
CNIL	23.05	80	iP	37	46.00	3.4X
GIBL	23.08	79	iP	37	46.00	3.1X
TIO	23.29	94	iPc	37	45.50	0.4
			i	38	58.50	
PLAT	23.32	80	iP	37	48.00	2.8X
MOMI	23.33	80	iP	37	47.50	2.2
ALJ	23.38	79	iP	37	47.50	1.6
OJEN	23.50	80	iP	37	50.00	3.0X
LIJA	23.51	78	iP	37	48.00	0.9
EHOR	23.56	76	iPd	37	48.04	0.5
EPRU	23.64	78	eP	37	49.52	1.1
PAB	24.20	72	ePd	37	53.85	0.0
IFR	24.30	87	iPd	37	56.00	1.0
MAL	24.32	79	iPd	37	56.20	1.3
			iS	42	20.00	
ELUO	24.36	77	eP	37	55.77	0.5
GUD	24.36	69	iP	37	55.42	0.0
TOL	24.43	71	iPd	37	54.00	-2.0
	1.9s	1368.42nm				6.2mb
			ePP	38	30.00	
			ePcP	41	35.00	
			iS	42	15.00	
EBAN	24.69	75	iPd	37	58.30	-0.2
LMN	24.90	303	eP	38	03.00	2.5X
ECOG	24.94	77	iPc	38	00.99	0.0
EGUA	24.99	78	eP	38	01.85	0.5
CPZ	25.49	46	eP	38	04.90	-1.0
EHUE	25.66	76	iPd	38	08.45	0.7
EVIA	25.67	74	iPc	38	07.63	-0.2
ECRI	25.71	65	iPc	38	07.84	-0.3
CME	25.73	47	eP	38	08.80	0.6
ECB	25.80	41	eP	38	09.30	0.5
ECP	25.93	42	eP	38	10.60	0.6
	1.4s	713.00nm				6.1mb
ETOR	25.96	69	iPd	38	10.27	-0.3
DCN	26.03	39	iPd	38	10.80	-0.2
	1.0s	209.00nm				5.7mb
ENIJ	26.05	78	eP	38	12.06	0.7
DLF	26.39	39	iPd	38	13.80	-0.5
	1.0s	232.00nm				5.8mb

DLF	26.39	39	eP	38	16.50	2.2
	1.2s	391.00nm				5.9mb
MBO	26.46	139	iPc	38	14.80	-0.4
DMU	26.51	38	iPd	38	15.00	-0.4
	1.3s	287.00nm				5.8mb
EMM	26.55	300	eP	38	15.25	-0.6
			eP	38	21.43	22km
ECHE	26.81	72	eP	38	17.86	-0.5
BOH	26.85	64	P	38	17.09	-1.6
ELYF	26.87	64	P	38	18.30	-0.5
MADF	26.99	64	P	38	18.95	-1.0
ISSF	27.00	64	P	38	19.12	-1.0
ATE	27.07	64	P	38	19.28	-1.4
ESCF	27.16	64	P	38	20.81	-0.7
EGRA	27.30	66	iPd	38	26.43	3.7X
ACU	27.31	74	eP	38	23.22	0.3
CBM	27.38	305	ePc+	38	22.53	-0.8
	1.7s	542.32nm				6.0mb
Z	19s	20.81um				5.7msz
WME	27.61	41	eP	38	25.20	-0.2
LPF	27.63	53	iPd	38	25.50	-0.1
	2.1s	1670.65nm				6.4mb
MIM	27.72	301	ePc	38	25.59	-0.8
			PP	39	04.96	
EPF	27.83	64	iPd	38	27.00	-0.6
	1.6s	391.80nm				5.9mb
EROO	27.83	69	iP	38	27.41	-0.1
GRR	27.84	52	iPd	38	27.30	-0.2
	1.6s	883.10nm				6.2mb
EBR	27.90	69	eP	38	28.00	-0.1
			i	43	20.00	
MFF	27.92	56	iPd	38	27.80	-0.5
	2.2s	1457.70nm				6.3mb
FLN	28.18	52	iPd	38	30.20	-0.4
	1.7s	938.15nm				6.3mb
Z	18s	10.95um				5.5msz
LFF	28.29	60	iPd	38	30.70	-0.9
	1.8s	333.20nm				5.8mb
LDF	28.36	52	iPd	38	31.70	-0.6
	1.8s	1059.95nm				6.3mb
XDE	28.56	39	iPd	38	34.00	0.1
LPO	28.57	61	iPd	38	33.30	-0.9
	1.7s	33.08nm				4.8mb X
RJF	28.87	59	iPd	38	35.70	-1.2
	1.7s	261.00nm				5.7mb
EAB	28.99	36	eP	38	37.70	-0.1
	1.5s	43.00nm				5.0mb X
LSF	29.01	58	iPd	38	37.50	-0.6
	2.1s	1283.85nm				6.3mb
ESK	29.09	38	iPd	38	38.50	-0.2
	1.0s	120.00nm				5.6mb
EKA	29.12	38	P	38	38.00	-1.0
	1.1s	137.60nm				5.6mb
CAF	29.22	60	iPd	38	39.00	-1.1
	2.0s	47.12nm				4.9mb X
EAU	29.23	37	eP	38	40.10	0.1
HRV	29.32	295	(P)	38	38.76	-2.2
	1.5s	153.20nm				5.6mb
Z	20s	13.34um				5.5msz
			e	38	44.89	21km
EBL	29.40	37	iPd	38	40.80	-0.7
	1.2s	115.00nm				5.5mb
EDI	29.40	37	eP	38	41.40	-0.1
EBH	29.41	36	eP	38	41.10	-0.6
ELO	29.43	35	eP	38	39.40	-2.4X
TCF	29.48	58	iPd	38	41.80	-0.6
	1.6s	771.15nm				6.2mb
ETER	29.66	66	iPd	38	43.89	-0.1
ESY	29.68	37	eP	38	43.90	-0.1
MAF	29.72	58	iPd	38	44.00	-0.5
	2.2s	867.25nm				6.2mb
EDU	29.80	36	eP	38	44.90	-0.2
BGF	29.95	57	iPd	38	45.80	-0.8
	1.9s	746.85nm				6.2mb
PYM	29.97	59	P	38	46.60	-0.2
LBL	30.08	60	P	38	47.46	-0.4
AGO	30.09	58	P	38	46.93	-0.9
EDR	30.22	35	eP	38	48.40	-0.4
	1.0s	133.00nm				5.7mb
AVF	30.33	57	iPd	38	49.00	-0.9
	2.2s	1045.60nm				6.3mb
PLDF	30.42	58	P	38	50.76	0.0
COLF	30.42	59	P	38	50.61	-0.2
SSF	30.47	56	iPd	38	50.40	-0.7
	2.1s	1079.75nm				6.3mb
SMF	30.64	57	iPd	38	52.00	-0.7
	2.1s	1036.85nm				6.3mb

30d 09h

LOR	30.74	56	iPd	38	52.80	-0.7	CKI	33.62	62	Pd	39	18.60	-0.2	CLL	37.18	50	iPd	39	48.90	0.0
	2.0s	844.30nm			6.2mb		HOFF	33.68	54	P	39	19.31	0.1		2.3s	900.00nm			6.2mb	
Z	23s	5.20um			5.1MszX		JAO	33.77	315	ePc	39	19.50	-0.4	Z	20s	6.50um			5.4Msz	
LBF	30.78	57	iPd	38	53.10	-0.8	PCP	33.81	61	P	39	20.07	-0.4			eS	45	41.00		
	1.9s	674.40nm			6.2mb		ZLA	33.82	56	iPd	39	20.50	0.0	PTS	37.29	74	P	39	51.40	1.4
SSB	31.00	60	P	38	55.82	0.0	SLE	33.91	56	iPd	39	20.90	-0.4	LVI	37.32	72	Pd	39	49.90	-0.3
GMTN	31.32	292	iP	38	58.70	0.0	CBN	34.07	287	eP	39	22.50	-0.1	RBL	37.33	58	Pd	39	49.90	-0.5
TBR	31.34	292	ePc	38	58.18	-0.6			e	39	29.00	22km	KHC	37.38	54	iPd	39	50.50	-0.2	
		eP	39	04.18	21km		TMA	34.07	59	iPd	39	23.10	0.3		1.5s	339.00nm			5.9mb	
RSNY	31.54	299	eP+	39	00.80	0.2	TNS	34.17	51	iPd	39	23.60	0.1	Z	18s	5.00um			5.4Msz	
	1.5s	139.45nm			5.6mb		LLS	34.19	57	iPd	39	24.40	0.5	N	18s	2.10um				
Z	22s	10.57um			5.5Msz		PGF	34.20	65	iPd	39	23.00	-0.9	E	18s	4.50um				
		e	40	20.71	442kmX			1.8s	521.35nm			6.2mb			e	39	56.50	20km		
		ePcP	41	52.58			WLVO	34.31	297	P	39	24.49	-0.2		e	41	26.00			
SNF	31.60	50	iPd	39	00.51	-0.5	BOB	34.46	61	Pd	39	27.10	1.1	BRN	37.43	48	ePd	39	52.00	1.1
		ic	39	06.59	21km		VDL	34.50	58	ePd	39	27.00	0.4	GEC2	37.45	54	ePd	39	51.10	-0.2
DOU	31.71	51	P	39	02.00	0.0	MDI	34.65	59	Pd	39	27.10	-0.4		1.2s	101.48nm			5.5mb	
		e	40	13.00	378kmX		EEO	34.81	302	eP	39	31.50	2.6X			e	39	56.60	18km	
		e	41	53.20			STCO	34.90	296	P	39	29.52	-0.2			e	42	10.70		
UCC	31.72	49	P-	39	01.00	-1.0	OSS	34.97	58	iPd	39	31.00	0.4			e	42	16.20		
		ec+	39	08.40	26km		PII	35.26	63	Pd	39	32.70	-0.1	AQU	37.47	65	Pd	39	51.90	0.4
		S	43	38.00			BDI	35.30	62	P	39	32.90	-0.3	TRI	37.49	59	e(P)d	39	51.30	-0.2
LVNJ	31.77	292	eP	39	02.32	-0.3	MME	35.37	62	P	39	35.10	1.1			e(P)	41	16.00		
		eP	39	08.37	21km		TYNO	35.42	296	P	39	35.78	-0.4			e(S)	45	43.00		
LRG	32.24	63	iPd	39	06.40	-0.3	ACTO	35.53	297	P	39	34.50	-0.6			e	48	52.00		
	2.1s	623.15nm			6.2mb		OGA	35.58	57	iPd	39	36.40	0.6	BRNL	37.52	48	ePd	39	52.40	0.7
Z	22s	6.63um			5.3MszX		MOTA	35.65	57	iPd	39	36.40	0.1	COP	37.53	43	iPd-	39	52.40	0.6
VITF	32.29	55	P	39	06.58	-0.5	SQTA	35.72	57	iPd	39	37.10	0.2	Z	17s	6.26um			5.5MszX	
LMR	32.35	64	iPd	39	07.10	-0.5		2.0s	1521.00nm			6.6mb				iS	45	54.00		
	2.2s	507.45nm			6.1mb		MCWV	35.76	290	(P)	39	38.44	1.4	VOY	37.57	59	iPd	39	51.30	-1.1
FRF	32.45	63	iPd	39	08.00	-0.5		1.6s	267.10nm			5.9mb				e	41	01.20	357kmX	
	1.7s	332.30nm			6.0mb		Z	22s	12.24um			5.6Msz		LHS	37.58	282	ePc	39	52.70	0.4
RSL	32.49	59	P	39	09.15	0.1	FIR	35.78	63	eP	39	37.00	-0.2			iPcP	39	58.92	21km	
BNI	32.49	60	P	39	09.90	0.8			i(S)	45	18.00				ePP	41	11.13			
HAU	32.50	55	iPd	39	08.30	-0.7	FUR	35.81	55	iPd	39	37.70	0.2			e	41	25.91		
	2.1s	1751.20nm			6.6mb		Z	11s	6.00um			5.6MszX			iPcP	42	10.21			
DBN	32.52	47	eP	39	10.00	1.0			eS	39	43.50	20km			ePcP	42	16.39			
Z	20s	13.00um			5.6Msz		CEH	35.87	284	ePc	39	37.70	-0.3	HBF	37.67	279	eP	39	53.73	0.6
		eS	44	48.00				1.0s	57.53nm			5.4mb			eP	39	59.82	21km		
LPL	32.55	60	eP	39	09.70	0.0	Z	20s	8.83um			5.5Msz			ePcP	42	09.31			
LPG	32.57	60	eP	39	09.70	-0.2			ec	39	39.52				epPcP	42	16.43			
	2.4s	1218.35nm			6.4mb				ec	39	43.74		SGS	37.70	280	ePc	39	54.22	0.8	
RRL	32.57	61	P	39	10.60	0.8			ed	39	46.97				epPd	40	00.75	22km		
WLF	32.62	52	Pd	39	10.00	0.1			iPcP	42	04.97				ePcP	42	10.46			
ENN	32.68	50	iPd	39	09.80	-0.6			iPcP	42	10.93	6kmX			iPcP	42	16.77			
	1.0s	53.00nm			5.4mb		GRF	35.89	53	iPd	39	38.40	0.3	KMR	37.72	55	iP-	39	54.80	1.3
MEM	32.70	50	iPd	39	10.45	-0.1		1.6s	699.00nm			6.3mb		BRG	37.73	51	iPd	39	53.40	-0.1
		i	39	17.16	23km		Z	20s	5.00um			5.3Msz			2.5s	11.00nm			4.2mb X	
EMS	32.72	59	iPd	39	11.20	0.1			iPcP	39	44.40	20km			eS	45	48.00			
LOMF	32.75	56	P	39	11.23	0.0	MUD	35.95	41	iPc	39	38.90	0.4	CVT	37.73	73	Pd	39	54.00	0.4
BSF	32.78	55	iPd	39	10.60	-0.9		1.3s	270.00nm			6.0mb		SDI	37.85	66	Pd	39	54.50	-0.2
	1.8s	939.10nm			6.4mb		WATA	35.97	57	iPd	39	39.10	0.1	JSC	37.99	282	eP	39	55.88	0.0
PZZ	32.78	62	P	39	12.24	0.7	WTTA	36.01	57	iPd	39	39.60	0.2			epPd	40	02.60	23km	
LSO	32.85	60	P	39	12.79	0.5		1.6s	1174.00nm			6.5mb				ePcP	42	10.82		
DOI	32.88	62	Pd	39	13.10	0.7	SFI	36.21	62	Pd	39	39.90	-0.9	LJU	38.01	59	ePd	39	55.50	-0.5
KLL	32.90	50	iPd	39	11.90	-0.4	MOX	36.23	51	eP	39	41.20	0.2			e	40	30.00	158kmX	
BHB	32.90	61	P	39	12.56	0.1		1.9s	862.00nm			6.3mb				eS	45	48.00		
RSP	32.91	60	P	39	13.43	0.8		Z	19s	9.40um			5.6Msz	PRU	38.05	52	iPd	39	56.80	0.6
STV	32.94	62	P	39	13.07	0.2		E	20s	5.80um					2.2s	1420.00nm			6.4mb	
ENR	33.01	62	P	39	13.66	0.2			iS	45	32.00			Z	13s	5.80um			5.6MszX	
MOF	33.01	55	P	39	12.96	-0.5	CRE	36.30	63	Pd	39	40.80	-0.9	N	16s	8.90um				
SBF	33.02	63	iPd	39	13.20	-0.4	HOF	36.37	52	iPd	39	42.10	0.0	E	14s	3.60um				
	2.1s	730.55nm			6.2mb		LDN	36.38	296	P	39	42.80	0.5			PP	41	20.80		
DIX	33.06	59	iPd	39	14.60	0.5	ELF	36.47	296	P	39	43.50	0.5			S	45	55.10		
ECH	33.07	55	P	39	13.27	-0.6	BLA	36.63	286	ePd	39	45.63	1.1	NAO	38.16	34	P	39	56.60	-0.4
CDF	33.17	54	iPd	39	14.30	-0.5		1.3s	80.51nm			5.4mb			1.0s	80.50nm			5.5mb	
	1.6s	1532.35nm			6.7mb				iP	39	52.18	22km	DUI	38.33	66	Pd	39	59.10	0.3	
WLS	33.22	54	P	39	15.01	-0.2			iPcP	42	07.56		MCT	38.39	72	P	40	01.20	1.7	
BBS	33.22	56	P	39	15.08	-0.2	RSM	36.64	62	Pd	39	43.80	-0.6	FAI	38.50	73	Pd	40	01.70	1.5
ROB	33.33	62	P	39	16.04	-0.2	DLA	36.68	296	P	39	44.20	-0.6	VBY	38.54	60	iPd	40	00.80	0.4
IMI	33.35	63	P	39	16.09	-0.3	FVI	36.79	58	Pd	39	45.70	0.1	BSD	38.81	44	iPd	40	02.60	0.1
LIBD	33.36	55	P	39	16.27	-0.1	ASS	36.85	64	Pd	39	45.40	-0.9		1.0s	88.00nm			5.4mb	
ORO	33.43	59	Pd	39	17.60	0.4	BHG	36.87	56	iPd	39	46.40	0.0	PRM	38.92	282	eP	40	04.01	0.3
ORX	33.43	59	P	39	17.37	0.1		1.7s	961.00nm			6.3mb				epP	40	10.51	22km	
MMK	33.44	59	ePd	39	18.40	1.0	NAV	36.90	287	ePc	39	47.16	0.4			ePcP	42	13.65		
WTS	33.48	48	iPd	39	17.00	-0.4			epPd	39	53.34	21km			iPcP	42	20.19			
	1.2s	216.00nm			6.0mb				ePP	41	19.26		PTJ	39.01	59	iPd	40	04.50	0.0	
BNS	33.49	50	iPd	39	17.90	0.4			ePcP	42	07.58		ZAG	39.04	59	iPd	40	05.00	0.5	
	2.1s	1230.00nm			6.5mb				epPcP	42	14.25		SGO	39.13	67	Pd	40	05.60	0.3	
Z	17s	16.00um			5.8MszX		WET	36.92	54	iPd	39	46.80	0.0	VKA	39.18	55	iPd	40	05.30	-0.4

MFS	39.29	36	eS	46 06.50		FVM	44.18	290	ePc	40 46.30	-0.5			S	48 37.00			
	2.1s		eP	40 05.40	-1.0		1.2s		160.64nm		5.7mb		VVO	49.04	288	e(P)	41 24.50	-0.6
Z	19s	6931.00um			6.1mb	Z	20s		23.90um		6.1MsZ		APA	49.17	28	iPd	41 25.30	-0.4
			LR	51 22.00					iPd	40 52.98	22km		SIO	49.34	289	e(P)	41 26.70	-0.8
SOP	39.35	56	iP	40 06.70	-0.5				ePcP	42 31.17			GBZT	49.56	64	iPd	41 29.00	-0.1
VRAC	39.36	54	iPd	40 07.30	0.1	LVV	44.19	53	iP	40 48.00	1.3		FNO	50.35	289	iPd	41 41.20	6.0X
	2.3s	2374.60nm			6.5mb	Z	15s		4.50um		5.5MsZ		ALT	50.55	66	eP	41 36.00	-0.8
			i	40 09.60	8kmX	N	11s		2.70um				ELL	51.13	69	iP	41 41.70	0.4
			e	40 13.30		E	15s		3.90um				ACO	51.20	291	iPc	41 41.00	-0.7
MGR	39.38	68	Pd	40 07.40	-0.1				iPPP	43 13.00			OBN	51.23	44	iPd	41 40.86	-0.7
TKL	39.62	285	ePc	40 09.94	0.4				iS	47 28.00				1.5s	2400.00nm		6.9mb	
			ePd	40 16.48	22km				iSS	50 41.00			Z	18s	5.90um		5.7MsZ	
TIC	39.64	130	P	40 08.20	-1.6	GRG	44.34	65	eP	40 48.28	0.2		E	20s	5.40um			
ATN	39.70	71	P	40 10.50	0.4	VAY	44.39	65	iPd	40 48.40	0.0					ic	41 47.15	21km
ZST	39.71	55	iPd	40 09.60	-0.5		1.8s		636.00nm		6.2mb					i	42 54.00	
			i	40 15.10	19km				i	40 53.00	15km					i	43 36.50	
			e	41 26.60		LIT	44.60	66	iP	40 49.94	-0.3					eS	49 03.50	
LIC	39.96	130	P	40 10.90	-1.6	KNT	44.66	65	eP	40 51.08	0.4		BCK	51.41	68	eP	41 42.60	-0.7
KIC	40.03	130	P	40 11.40	-1.7	FCC	44.68	320	eP	40 55.00	4.5X		WMOK	51.59	289	iPc	41 43.47	-1.2
	1.3s	187.50nm			5.6mb	NUR	44.70	37	iP	40 50.00	-0.7			1.4s	181.76nm		5.8mb	
			e	41 39.00	469kmX	Z	20s		89.60nm		5.6mb		Z	18s	9.44um		5.9MsZ	
TDS	40.06	69	Pd	40 13.00	-0.1				7.00um		5.6MsZ					ec	41 45.04	
SOI	40.17	71	Pd	40 12.20	-1.8				eS	47 32.00						ed	41 47.85	
BRT	40.49	67	P	40 16.10	-0.6	AGG	44.74	68	eP	40 51.68	0.4					ePcP	42 51.62	
SRO	40.53	56	iP	40 17.40	0.5	CCM	44.79	291	eP	40 50.98	-0.7					epPcP	42 58.16	5kmX
			i	42 25.70		TNR	44.82	58	ePd	40 37.00	-15.0X		MOS	51.71	43	iPd	41 44.00	-1.2
BUD	41.03	56	iPc	40 20.60	-0.3	DRA	44.97	60	ePc	40 54.00	0.9		Z	2.0s	1500.00nm		6.6mb	
UPP	41.13	37	iP	40 20.90	-0.7	SDH	45.08	65	eP	40 54.37	0.3		Z	17s	5.70um		5.7MsZ	
			i	40 28.10	24km	SRS	45.19	65	eP	40 55.12	0.2					e	43 04.00	391kmX
BRY	41.16	63	iPd	40 21.77	-0.5	BMG	45.30	240	eP	40 52.00	-4.2X					e	43 43.00	
HCY	41.19	64	iPd	40 22.03	-0.4	PAIG	45.53	66	eP	40 57.48	-0.1					e	44 46.00	
OJC	41.44	52	iP	40 24.60	0.3	OUR	45.65	66	eP	40 59.12	0.6		SIM	51.76	57	eP	41 42.00	-3.8X
	1.6s	667.00nm			6.1mb	KAF	45.67	35	iP	40 57.90	-0.5					e	43 00.00	379kmX
Z	12s	5.60um			5.7MsZ		1.0s		97.00nm		5.7mb					ePPP	44 48.00	
			i	40 30.30	19km	OLY	45.68	287	eP	40 58.01	-0.8		PSO	52.43	239	eP	41 52.00	0.4
			e	41 50.00					eP	41 04.24	21km		RSSD	52.50	302	eP+	41 51.50	-0.2
BDV	41.46	64	iPd	40 24.65	0.1				ePcP	42 35.28				1.1s	19.88nm		5.0mb	X
NKY	41.50	63	iPd	40 25.03	0.0	ULM	45.86	308	ePc	41 04.30	4.2X		Z	20s	23.81um		6.2MsZ	
PSZ	41.59	56	iPd	40 25.70	0.0	MLR	46.01	58	ePd	41 02.00	0.5					S	49 17.51	
PLE	41.71	62	iPd	40 26.85	0.1	CVO	46.11	58	ePc	41 01.50	-0.6		KAS	52.52	62	iPd	41 51.20	-0.5
TTG	41.76	64	iPd	40 27.20	0.3	BUC1	46.28	60	iPd	41 10.00	6.6X		8AO	52.60	196	Pc	41 51.30	-1.2
SPC	41.76	54	eP	40 28.70	1.6	BUC	46.31	60	iPd	41 04.50	0.8					e	41 57.40	20km
			i	40 34.30	19km	VRI	46.48	58	ePd	41 04.50	-0.5					e	42 03.00	
			e	42 02.40		ISR	46.49	59	eP	41 01.00	-4.2X					e	42 07.00	
DAG	41.79	5	iPc	40 27.30	0.5	SDF	46.51	28	iP	41 03.30	-1.6					e	42 12.50	
	2.0s	564.71nm			6.0mb	CLI	46.75	57	ePd	41 06.00	-1.1					e	42 17.90	
ULC	41.82	65	iPd	40 27.77	0.2	PUL	47.49	38	ePd-	41 13.00	0.2					e	43 03.00	
IVA	42.15	63	iPd	40 30.53	0.2		3.0s		1040.00nm		6.4mb		BDF	52.61	196	ePd	41 52.66	0.1
WAR	42.20	49	P-	40 33.00	2.5				e	42 44.00	471kmX					ic	41 59.04	21km
			e(S)	47 00.00					e	43 04.00						e	42 03.00	
			e	53 00.00		CFR	47.60	58	eP	41 10.00	-3.8X		PPCY	53.63	70	eP	41 57.80	-2.0
PVY	42.25	63	iPd	40 31.75	0.6	MIAR	47.62	287	ePc	41 13.20	-1.0		ANN	53.95	57	eP	41 59.00	-3.0X
KEK	42.67	68	eP	40 36.00	1.5	Z	19s		497.79nm		6.3mb			1.5s	455.00nm		6.3mb	
IGT	43.11	68	eP	40 38.84	0.7				9.40um		5.8MsZ		Z	17s	2.10um		5.3MsZ	
OHR	43.12	65	iPd	40 39.20	0.9				ec	41 15.18			N	17s	0.50um			
	1.7s	1239.00nm			6.4mb				ec	41 19.24			E	17s	2.00um			
			i	40 44.80	19km				e	41 22.55						eS	49 46.00	
UZH	43.14	54	iP-	40 39.50	1.3				ePcP	42 44.15			KVT	54.25	61	iP	42 04.00	-0.3
Z	11s	3.70um			5.5MsZ				iPcP	42 50.69	7kmX		CSS	54.36	69	eP	42 04.40	-0.8
			e	42 30.00	650kmX	PRK	47.64	67	eP	41 15.00	0.8		YKA	54.56	326	eP	42 05.80	-0.4
			iS	47 03.00		BOC	47.72	239	eP	41 22.00	6.5X			1.4s	79.40nm		5.6mb	
			eSS	50 16.00		KIS	47.74	56	iPd-	41 13.00	-1.9		GLD	54.69	297	P	42 06.41	-1.4
			eSSS	51 05.00			1.8s		750.00nm		6.4mb		GOL	54.82	297	ePc	42 08.01	-0.8
SKO	43.43	64	iP	40 40.40	-0.3	Z	15s		3.30um		5.4MsZ			1.1s	138.39nm		5.9mb	
	1.5s	264.00nm			5.8mb				i	42 49.00	506kmX		Z	21s	16.84um		6.1MsZ	
Z	20s	5.13um			5.4MsZ				i	43 12.00						ec	42 09.25	
			i	40 45.60	17km				e	48 16.00						ec	42 13.56	
			iPP	42 25.00		DMK	48.06	63	eP	41 16.60	-1.0					ePcP	43 10.86	
			iS	47 17.00		UYO	48.44	287	iPd	41 20.00	-0.5					epPcP	43 17.80	4kmX
			i	47 51.00		LNO	48.89	289	iP	41 22.70	-1.2		HLW	54.82	76	eP	42 09.00	0.4
			iSSS	51 00.00					i	41 27.90	17km					eS	49 55.00	
ELC	43.44	289	eP	40 40.85	0.0				iPcP	42 52.50			FAM	54.86	69	eP	42 07.90	-0.9
			ePP	40 47.83	23km				eS	48 34.10			SES	55.37	311	eP	42 12.00	-0.4
			ePcP	42 28.11		LN02	48.89	289	iPc	41 22.80	-1.1			1.5s	179.00nm		5.9mb	
FNA	43.62	66	eP	40 42.80	0.5	LN03	48.89	289	ePc	41 22.80	-1.2		SOC	56.01	58	iPd-	42 17.00	0.0
VLS	43.62	70	eP	40 42.70	0.4	TUL	48.90	289	iPc+	41 22.80	-1.2			2.5s	760.00nm		6.3mb	
GZR	43.82	59	iPc	40 44.00	0.1		1.4s		335.40nm		6.2mb		Z	16s	2.50um		5.4MsZ	
DEV	43.84	58	ePc	40 45.00	1.1	Z	19s		8.97um		5.8MsZ		N	14s	1.50um			
SLM	43.87	291	P	40 50.00	5.7X				iPcP	42 53.30						eS	50 16.00	
	2.0s	8.87um			5.7MsZ				PP	43 37.00		GAZ	56.46	66	eP	42 22.00	1.7	
KZN	44.02	66	eP	40 45.90	0.4				PPP	45 06.00		ADI	56.54	71	iPd	42 20.50	-0.5	
BMR	44.03	56	ePc	40 47.00	1.6													

30d 09h																	
BHL	56.54	70	P	42 18.00	-3.1X	N	17s	0.50um		MRCM	65.05	300	eP	43 19.98	0.9		
			S	50 14.00		E	17s	1.00um					epP	43 25.36	17km		
BW06	56.74	302	ePc	42 21.25	-1.4			i	43 29.80	190kmX	MTUM	65.23	299	P	43 20.90	0.7	
	1.5s	207.42nm			5.9mb			e	45 00.00		MMPM	65.45	300	eP	43 22.45	0.7	
			ipP	42 27.77	21km			ePPP	46 25.00				epP	43 28.14	18km		
			e	42 37.13				iS	51 06.20		LBFM	65.73	304	ePc	43 23.47	0.1	
HRI	56.86	70	iPd	42 22.90	-0.5			ePS	51 25.00				ipPd	43 29.16	18km		
SHMJ	57.09	71	Pd	42 26.60	1.6	WAJH	60.58	78	ePd	42 48.10	-1.1			ePP	45 49.97		
SIV	57.20	211	eP	42 28.00	2.2	DPW	60.64	310	eP	42 47.86	-1.5	BRW	65.79	343	eP	43 23.00	0.0
SALJ	57.33	72	Pd	42 28.49	1.8			ipPd	42 54.09	20km	PEC	65.80	295	eP	43 24.70	1.0	
ANMO	57.37	292	(P)	42 29.24	2.1	CCH	60.67	215	P	42 48.00	-2.1		2.1s	289.55nm		6.1mb	
			ec	42 33.87	15km	ZOBO	60.68	217	ePd	42 49.31	-1.3			epP	43 30.44	18km	
ALQ	57.37	292	ePc	42 27.02	-0.1		Z	20s	3.62um	5.5Msz			ePP	45 47.05			
	1.4s	101.70nm			5.7mb			ec	42 51.55	7kmX	PLM	65.83	295	eP	43 23.81	-0.3	
Z	22s	17.85um			6.1Msz			ic	42 55.10				epP	43 30.67	22km		
			i	42 33.35	21km			ed	42 58.41				ePP	45 49.84			
			ePcP	43 27.83		LPB	60.87	217	P	42 50.80	-0.9	LMEM	65.88	303	eP	43 25.21	0.9
			ePP	44 39.23			1.5s	777.78nm		6.6mb	ISA	65.94	298	ePc	43 26.47	1.9	
			S	50 29.33			Z	20s	6.38um	5.8Msz			1.4s	79.77nm		5.7mb	
			SS	54 19.62				PS	51 12.00			Z	18s	16.07um		6.3Msz	
MASJ	57.47	72	P+	42 29.75	2.1			LR	01 38.00				epP	43 31.70	17km		
MKRJ	57.48	72	Pd	42 29.27	1.5	CNCB	61.05	217	P	42 52.00	-1.1			iPP	45 52.49		
LISJ	57.49	73	P+	42 29.43	1.8	ARUT	61.38	298	eP	42 55.17	0.5			S	52 17.31		
PV08	57.60	297	eP	42 30.86	2.0			ipPd	43 00.95	19km	MIN	65.99	303	ePd	43 25.30	0.4	
			ipPd	42 37.58	22km	OT2	61.72	309	P	42 56.46	-0.3			ipPd	43 30.66	17km	
DHLJ	57.60	73	P+	42 30.18	1.7	TUC	61.75	291	(P)	42 58.59	1.4	SSK	66.05	296	eP	43 26.68	1.3
MBH	57.64	75	iPd	42 28.20	-0.7		1.8s	129.78nm		5.8mb			epP	43 31.92	17km		
LRM	57.67	306	eP	42 28.60	-0.5	Z	20s	11.05um		6.0Msz	QASM	66.12	74	ePd	43 25.30	-0.5	
OXX	57.76	269	(P)	42 29.50	-0.6			epP	43 03.41	16km	SIT	66.20	324	P	43 40.00	14.3	
SHWJ	57.86	74	Pd	42 31.02	0.4			S	51 14.30		Z	19s	5.41um		5.8Msz		
MDSJ	57.92	72	P+	42 32.43	1.5	CRF	61.78	309	P	42 56.70	-0.4			ePc	43 27.30	1.1	
PV09	57.98	297	eP	42 30.95	-0.5	WTV	61.79	310	P	42 57.88	0.6	CMB	66.21	301	ePc	43 27.30	1.1
			ipP	42 37.36	21km	NLW	61.88	311	P	42 57.21	-0.8		1.5s	114.00nm		5.8mb	
HQL	57.99	75	iPd	42 30.80	-0.5	GBL	61.91	309	P	42 58.17	0.2			ec	43 32.10		
MRSJ	58.03	74	Pd	42 29.89	-1.7	WAM2	61.92	309	P	42 57.64	-0.4			ipPd	43 32.11	15km	
ARTJ	58.11	71	P+	42 34.33	2.1	ETW	62.06	310	P	42 57.85	-1.3			ed	43 35.00		
PYA	58.13	56	iPd	42 32.00	-0.1	BVW	62.10	309	P	42 58.76	-0.5	FRI	66.21	299	ePd	43 26.81	0.6
	1.5s	970.00nm			6.6mb	MDW	62.10	309	P	42 58.91	-0.3			ipPd	43 31.97	17km	
	Z	16s	2.50um		5.4MszX	PRW	62.21	309	P	42 59.96	-0.1	ORV	66.28	303	ePd	43 27.10	0.5
	N	16s	1.50um			BRVW	62.30	309	P	43 00.40	-0.3			ipPd	43 32.27	17km	
	E	16s	2.00um			TBM	62.40	310	P	43 00.90	-0.5	WDC	66.52	304	P	43 27.99	-0.1
			i	44 48.00	767kmX	ARE	62.55	220	eP	43 00.00	-2.9X		2.1s	133.53nm		5.7mb	
			eS	50 38.00		MZX	62.55	280	(P)	43 04.00	1.5	Z	20s	9.22um		6.0Msz	
PPM	58.29	272	(P)	42 39.00	4.8X	JBO	62.61	308	P	43 02.22	-0.5	LGPM	66.56	304	eP	43 28.04	-0.5
HITJ	58.41	74	Pc	42 35.32	1.0	ARU	62.76	39	iPd-	43 02.50	-1.0			ipPd	43 33.32	17km	
GNZJ	58.45	73	Pd	42 34.81	0.2		Z	18s	8.50um		6.0Msz	COL	67.14	335	ePd	43 31.67	0.0
CSTJ	58.47	72	P+	42 35.89	1.2		N	16s	2.50um			FBA	67.14	335	ePd	43 31.35	-0.3
HHAJ	58.50	303	eP	42 34.98	0.2		E	16s	6.00um				2.1s	205.82nm		5.9mb	
			epP	42 40.89	19km			e	43 40.00	158kmX				(P)	43 33.49	1.4	
MDRJ	58.52	74	P+	42 35.88	0.8			e	45 30.00		HMR	67.14	301	epP	43 39.85	20km	
UNM	58.61	272	(P)	42 38.50	2.4			e	46 50.00				ipPd-	43 32.50	0.6		
PTI	58.65	303	eP	42 34.82	-1.1			e	51 51.00		NRI	67.19	19	iPd-	43 32.50	0.6	
			epP	42 41.50	22km			e	55 41.00			2.0s	350.00nm		6.2mb		
EMUT	58.69	299	eP	42 35.77	-0.6	VTHM	63.19	308	P	43 06.88	0.3			e	45 59.00	786km	
			ipPd	42 42.10	21km	VGB	63.19	308	eP	43 06.33	-0.2			ePPP	47 44.00		
SRU	58.75	298	eP	42 35.72	-1.0			epP	43 12.15	19km	LLA	67.26	299	eP	43 33.08	0.1	
			ipPd	42 42.13	21km			epP	45 16.62				ipPd	43 39.58	21km		
BMA	58.77	190	eP	42 35.50	-1.2	SHE	63.26	58	iPd	43 07.00	0.1	BALM	67.26	330	eP	43 33.38	0.7
			e	42 46.80	39kmX		1.0s	350.00nm		6.5mb			epP	43 38.93	18km		
DAU	58.78	300	eP	42 36.53	-0.5		Z	16s	2.00um		5.4MszX	PRI	67.29	299	ePd	43 32.94	-0.3
			ipPd	42 42.89	21km		N	16s	3.50um				ipPd	43 39.59	21km		
AYN	58.91	75	iPd	42 37.40	-0.3		E	16s	3.00um			BCH	67.33	298	eP	43 34.65	1.2
HVU	59.33	302	eP	42 40.34	-0.3	LON	63.33	310	ePc	43 06.46	-1.0	ARN	67.33	300	eP	43 34.56	1.2
			ipPd	42 46.20	19km	VIPM	63.51	307	P	43 09.83	1.0			epP	43 40.02	18km	
VAO	59.54	193	eP	42 41.20	-0.9	CROR	63.55	308	P	43 10.54	1.6	FHC	67.39	305	iPd	43 34.90	1.2
			e	42 47.10	19km	SVE	63.62	38	iPd	43 08.00	-1.1			ipPd	43 40.41	18km	
NEW	59.82	310	eP	42 42.68	-1.1		1.4s	1140.00nm		6.8mb	COE	67.47	300	eP	43 35.52	1.3	
	1.4s	249.61nm			6.2mb			e	45 23.00	717kmX			ipPd	43 41.11	18km		
Z	19s	32.75um			6.5Msz			eS	51 48.00		FOX	67.52	304	ePd	43 34.56	0.1	
			ipP	42 48.86	20km			ePS	52 07.00				ipPd	43 41.33	22km		
			S	51 01.30		TNP	63.95	299	ePd	43 12.20	0.3	MJMA	67.61	74	ePd	43 34.30	-1.0
AGX	59.88	276	(P)	42 31.50	-13.0X		1.5s	181.89nm		6.0mb	NTYM	67.63	302	eP	43 36.08	0.9	
DUG	59.96	300	ePc	42 44.01	-0.2			epP	43 17.62	17km			epP	43 41.68	18km		
	1.5s	296.92nm			6.2mb	OSD	64.05	311	P								

30d 09h

PMR	69.61	332	iPc	43	47.59	0.6	CIR	84.24	121	iPc	45	11.00	1.7	HON	102.01	307	Pdiff	46	40.00	8.1X
	1.5s	294.79nm			6.2mb		KSR	84.37	127	iPc	45	10.00	0.0	Z	21s		3.44um		5.8Msz	
Z	18s	4.28um			5.7Msz			1.1s	54.05nm			5.7mb		XAN	102.70	30	Pdiff	46	34.50	-0.3X
KMTA	69.62	82	ePd	43	52.88	17km	WMO	85.06	38	iPd	45	14.31	1.1	Z	30s		2.96um		5.6MszX	
LWI	70.01	108	iP+	43	50.00	-0.4		Z	20s	4.81um		5.9Msz		N	15s		1.64um			
		i	53	12.00			N	14s	36.20um					E	15s		1.63um			
BRVK	70.30	38	iPd	43	51.00	-0.4			sP	45	25.00					PP	50	48.00		
	1.8s	494.00nm			6.3mb				PP	48	29.50			CD2	103.05	36	ePdiff	46	37.00	0.5X
Z	18s	4.01um			5.7Msz				SKS	55	28.00			ENH	106.20	32	ePdiff	46	48.94	-1.4X
N	18s	2.36um							S	55	46.00			KMI	107.29	40	PKPc	51	18.00	13.3X
E	18s	2.34um					SLR	85.18	126	iPd-	45	14.00	0.0		3.0s		110.00nm			
DHJN	70.40	82	ePd	43	53.00	0.1		1.5s	236.11nm			6.2mb		Z	20s		2.30um		5.7Msz	
SLKM	70.70	332	eP	43	53.46	-0.3	CER	85.20	137	iPd	45	01.50	-12.3X			PP	53	48.00		
		eP	43	59.60	20km		IRK	85.34	24	ePd-	45	14.00	-0.3	SSE	109.77	22	ePKP	51	04.00	-4.9X
CRP	70.95	333	eP	43	53.97	-1.5		2.0s	291.00nm			6.2mb		Z	20s		3.66um		5.9Msz	
		eP	44	00.15	20km		Z	19s	1.80um			5.5Msz		CHG	110.17	47	ePKP	51	06.00	-4.1X
CP2	70.98	333	(P)	43	56.31	0.6		N	18s	1.26um				BAG	123.09	29	ePKP	51	34.00	-0.9
BGL	71.04	333	eP	43	55.43	-0.5		E	13s	0.37um				SPA	125.51	180	iPKPc	51	37.40	-0.8
DHR	71.14	71	iPd	43	56.50	-0.4			ePcP	45	25.00	111kmX			1.0s		85.00nm			
ASH	71.17	57	P	43	57.50	0.5			e	45	43.00			VUN	145.87	292	ePKPc	52	21.00	4.0X
		ePPP	48	24.00					e	46	02.00			KUG	147.76	43	ePKP	52	24.50	4.4X
		eS	53	20.00					ePP	48	23.00					e	55	00.00		
		e	53	53.00					ePPP	49	44.00			KUPT	147.76	43	ePKP	52	24.50	4.4X
TTA	71.20	336	eP	43	56.58	-0.2			eS	55	46.00				1.5s		1930.80nm			
	3.0s	369.22nm			6.0mb		BLF	86.17	130	iPd	45	18.20	-0.7	RA6	148.04	347	ePKP	52	20.00	-0.6
AAE	71.28	92	P	43	59.70	1.4	BFT	86.31	125	iPd	45	21.00	1.3	WWKK	148.05	3	ePKP	52	05.50	-15.2X
TIK	72.33	5	iPd-	44	03.50	0.2		1.0s	30.00nm			5.5mb		SVO	150.50	330	PKP	52	29.00	4.7X
	2.5s	720.00nm			6.3mb		SEK	86.53	129	iPd	45	19.50	-1.2	NANU	150.92	71	iPKPd	52	30.70	6.0X
		i	44	28.00	94kmX			1.0s	130.00nm			6.1mb			1.1s		35.00nm			
TCA	72.39	207	iP	44	01.00	-3.2X	SMY	88.46	343	P	45	40.00	10.5X	MBL	153.35	64	ePKP	52	22.00	-6.3X
MAIO	72.81	58	iPc	44	06.30	-0.6		Z	19s	2.04um		5.6Msz		PMG	153.79	356	ePKP	52	29.50	0.4
	1.6s	250.66nm			6.0mb		NDI	89.33	55	iPd	45	34.50	0.4		1.5s		305.56nm			
ARO	73.20	88	ePd	44	10.00	0.6		1.8s	545.45nm			6.5mb		DZM	157.19	301	iPKPc	52	35.20	1.6
MRA	73.76	207	ePd	44	11.00	-1.1	HIA	92.39	17	ePd	45	47.72	-0.3	WRA	161.53	35	PKP	52	38.30	0.1
RTLL	73.87	210	ePc	44	12.00	-0.8			ec	45	54.09	20km			1.0s		4.70nm			
CFA	74.02	209	ePc	44	13.00	-0.7			ed	45	57.57			W82	161.53	35	iPKPc	52	37.70	-0.5
NAI	75.70	102	PdIF	44	26.00	2.0	POO	93.48	64	iPd	45	51.40	-2.1		0.8s		1.70nm			
Z	22s	4.37um			5.7Msz		GTA	94.24	34	iPd	45	56.50	-0.3	QIS	164.08	20	iPKPc	52	40.80	0.1
		PPP	48	56.00				Z	2.0s	290.00nm		6.3mb			1.7s		37.00nm			
		S	54	14.00				E	25s	3.98um		5.8MszX		ASPA	164.40	43	iPKPd	52	40.30	-0.7
		SS	59	04.00					1.46um					CTA	164.44	357	iPKPc	52	42.00	0.9
PEL	76.36	211	iPd	44	27.00	-0.1			pP	46	03.50	22km			1.4s		52.33nm			
RFA	76.90	208	e(P)	44	30.00	-0.1			PP	49	44.00			CTAO	164.44	357	ePKP	52	39.94	-1.1
ELT	77.68	32	iPd	44	34.00	-0.1			SS	03	24.00					i	52	48.00		
	2.3s	813.00nm			6.4mb		GKN	94.59	51	P	45	58.62	0.0	RMQ	170.39	342	iPKPc	52	46.70	1.6
Z	13s	2.50um			5.7MszX			1.8s	698.00nm			6.8mb			1.7s		262.00nm			
N	16s	1.20um					KKN	95.15	50	P	46	01.10	-0.2			iPP	57	51.20		
E	12s	1.70um						1.9s	537.00nm			6.7mb		OLP	170.86	7	iPKPc	52	46.70	1.4
		e	47	36.00			DMN	95.17	51	P	46	01.62	0.2		1.3s		250.00nm			
		eS	54	22.00				1.7s	396.00nm			6.6mb		ADE	174.47	84	ePKP	52	47.40	0.8
		e	54	41.00			PKI	95.38	51	P	46	02.22	-0.3	STKA	175.04	41	iPKPd	52	50.70	4.0X
		e	59	25.00			GUN	95.44	50	P	46	03.08	0.3	CMS	175.79	355	iPKPc	52	48.10	1.2
SDN	78.23	332	P	44	50.00	12.9X		1.3s	360.00nm			6.6mb			1.3s		37.00nm			
Z	21s	0.85um			5.0Msz		LSA	97.32	45	iPc	46	12.80	1.4	CAN	177.05	276	iPKPd	52	48.10	1.0
UKR	78.60	34	iPd	44	39.60	0.4		Z	22s	3.00um		5.7Msz				i	52	54.30		
	2.0s	930.00nm			6.5mb		BTO	97.40	26	P	46	11.00	-0.1	BWA	177.23	296	iPKPd	52	48.10	0.9
		eS	54	51.00			HY8	97.62	62	eP	46	11.60	-0.7			i	52	54.50		
FRU	78.67	45	iPd-	44	40.80	1.0	HMC	97.72	25	P	46	12.60	0.0	BFD	177.25	123	ePKP	52	48.00	1.0
	2.0s	860.00nm			6.4mb			2.4s	110.00nm			6.0mb			1.7s		145.00nm			
Z	19s	4.60um			5.8Msz			Z	25s	4.14um		5.8MszX				e	54	33.70		
E	19s	4.50um						N	14s	0.82um						ePP	58	37.80		
		i	47	46.50				E	14s	0.89um						e	01	33.20		
TLG	79.97	43	iP	44	47.00	0.1			PP	50	14.00			TOO	178.12	182	ePKP	52	48.60	1.5
	2.2s	430.00nm			6.1mb				SS	04	20.00				1.2s		88.00nm			
Z	17s	1.10um			5.3MszX		LZH	98.78	33	eP	46	17.50	0.0		S.D. = 0.8		an 521 of 569 obs.			
N	16s	1.10um						2.0s	150.00nm			6.2mb								
E	17s	1.70um																		

30d 10h

SOUTHERN BOLIVIA (125)

HJA	2.78	151	iPd	26	36.20	0.1
CCH	3.46	12	P	26	42.80	-1.7
			e	27	24.00	
CNCB	4.09	345	iPc	26	53.30	0.8
LPB	4.39	345	iPc	26	56.80	0.8
	0.8s	179.10nm				
			S	27	51.00	
ZOBO	4.63	345	P	27	00.10	0.8
			S	27	57.00	
ARE	6.13	314	eP	27	17.00	-1.1
			eS	28	27.00	
SIV	7.30	50	P	27	33.00	0.0
	S.D. = 1.4	on	7 of	7 obs.		

& NOV 30, 1992 11h 02m 55.50s
40.311 N 124.463 W
DEPTH = 8.1km
NEAR COAST OF NORTHERN CALIF. (35)
<GM-P>. MD 2.5 (GM).

KMPM	0.28	68	eP	03	01.89	0.5
			S	03	06.96	
FHC	0.61	36	eP	03	08.18	0.4
			S	03	19.34	
LGPM	1.38	64	ePc	03	19.43	-1.7
			S	03	38.88	
LBFM	2.21	61	eP	03	32.49	-0.7
	4 obs.	associated				

NOV 30, 1992 11h 42m 17.61±0.85s
46.439 N ± 7.1km 14.270 E ± 6.5km
DEPTH = 10.0km (geophysicist)
NORTHWESTERN BALKAN REGION (383)
MD 2.7 (LJU), 2.3 (TRI), ML
2.6 (VIE). Felt (III) at Sele
Fara, Austria.

LJU	0.44	155	iPg	42	26.00	-0.5
			eSg	42	31.70	
VOY	0.48	213	iPn	42	26.90	-0.6
			eSn	42	34.30	
CEY	0.71	171	iPg	42	31.00	-0.6
			iSg	42	41.50	
			e	42	43.00	
TRI	0.81	206	ePg	42	34.00	0.7
			eSg	42	44.80	
KBA	0.90	315	iPg	42	34.30	-0.7
			iSg	42	46.20	
FVI	1.04	279	P	42	38.00	0.8
			eSg	42	51.80	
VBY	1.16	143	iPg	42	40.10	0.8
			iSg	42	54.50	
PTJ	1.29	114	iPg	42	41.70	0.1
			iSg	42	57.50	
WTTA	1.99	295	iPg	42	54.30	2.5X
			iSg	43	20.30	
GEC2	2.44	351	Pg	43	00.80	2.6X
			Sg	43	34.40	
	S.D. = 0.8	on	8 of	10 obs.		

NOV 30, 1992 12h 03m 50.21±0.49s
43.759 N ± 6.1km 9.798 E ± 3.6km
DEPTH = 10.7 ± 4.8 km
CORSICA (380)

PII	0.53	94	P	04	01.20	0.3
BDI	0.65	62	P	04	02.80	-0.4
			eSg	04	13.00	
MME	0.78	56	P	04	05.70	0.1
BOB	1.04	346	P	04	10.20	0.4
			eSg	04	26.40	
CKI	1.28	302	P	04	12.90	-1.0
PGF	1.34	206	Pn	04	15.10	0.1
SFI	1.50	83	P	04	17.20	0.2
CRE	1.57	94	P	04	17.50	-0.6
SBF	1.71	274	Pn	04	20.40	0.2
			Sn	05	24.40	
SAL	1.92	15	P	04	23.00	-0.1
DOI	1.98	293	P	04	24.50	0.3
MDI	2.02	358	P	04	24.90	0.4
LPG	2.78	310	Pn	04	38.30	2.5X
LPL	2.81	310	Pn	04	38.80	2.7X
	S.D. = 0.5	on	12 of	14 obs.		

& NOV 30, 1992 12h 13m 50.01±1.65s

41.310 N ± 11.2km 29.100 E ± 12.0km
DEPTH = 10.0km (geophysicist)
TURKEY (366)
MD 2.7 (ISK).

ISK	0.25	187	iPg	13	54.70	-0.5
			iSg	14	00.70	
GBZT	0.58	153	ePg	14	02.00	0.2
			iSg	14	10.00	
YLV	0.77	164	ePg	14	05.20	0.1
DMK	1.13	297	ePg	14	11.00	-0.2
KCT	1.20	208	iPn	14	12.00	-0.4
BNT	1.31	224	ePn	14	15.00	0.8
	S.D. = 0.6	on	6 of	6 obs.		

& NOV 30, 1992 12h 25m 53.68±1.97s
40.352 N ± 11.4km 27.618 E ± 15.1km
DEPTH = 10.0km (geophysicist)

TURKEY				(366)		
MD 3.0 (ISK).						
EDC	0.19	91	iPg	25	57.00	-0.9
BNT	0.23	89	iPg	25	59.00	0.4
			eSg	26	02.00	
KCT	0.57	100	iPg	26	05.50	0.2
			iSg	26	14.00	
DST	1.08	134	iPn	26	14.00	0.0
YLV	1.36	80	ePn	26	18.70	0.0
DMK	1.47	4	ePn	26	20.10	-0.1
HRT	1.63	73	ePn	26	23.00	0.4
S.D. = 0.5 on 7 of 7 obs.						

& NOV 30, 1992 13h 18m 47.64s
57.731 N 142.887 W
DEPTH = 10.0km (geophysicist)
GULF OF ALASKA (15)
<AEIC>. ML 2.8 (AEIC).

KAIM	2.34	341	eP	19	22.16	-4.6
PNL	2.66	42	iP	19	26.00	-5.4
YAH	2.71	12	iP	19	27.04	-5.1
			eS	19	57.25	
HMT	2.71	345	eP	19	26.00	-5.9
			eS	19	56.77	
HON	2.72	49	iP	19	26.46	-5.7
			S	19	57.62	
WAX	2.73	0	iP	19	26.33	-6.0
PCA	2.74	29	iP	19	27.19	-5.3
			S	19	57.62	
BCPM	2.80	36	iP	19	27.87	-5.4
			S	19	58.23	
RAGM	2.82	342	eP	19	28.53	-5.1
			eS	20	00.03	
SGAM	3.03	338	eP	19	30.83	-5.6
CVA	3.19	334	eP	19	32.51	-6.2
HIN	3.26	327	eP	19	34.27	-5.6
BALM	3.33	5	eP	19	35.19	-5.7
			eS	20	12.07	
CTGM	3.34	13	eP	19	35.65	-5.4
LTJ	3.47	314	eP	19	36.52	-6.2
KNIM	3.63	318	eP	19	38.26	-6.8
GLB	3.75	353	eP	19	40.52	-6.3
KLU	4.08	339	eP	19	45.38	-6.0
			eS	20	29.82	
	18 obs.	associated				

& NOV 30, 1992 13h 20m 34.80±2.22s
16.431 N ± 22.7km 98.459 W ± 10.4km
DEPTH = 33.0km (normal)
NEAR COAST OF GUERRERO, MEXICO (58)

ACX	1.41	288	(P)	20	58.00	-0.4
			(S)	21	15.50	
OXX	1.78	68	eP	21	04.50	0.5
			iS	21	29.50	
III	2.16	334	(P)	21	10.00	0.6
PPM	2.63	357	iP	21	17.00	0.7
			iS	21	51.50	
IISM	2.74	22	iP	21	16.00	-1.4
	S.D. = 1.3	an	5 of	5 obs.		

& NOV 30, 1992 13h 28m 25.02±1.14s
18.394 N ± 15.9km 66.871 W ± 9.5km
DEPTH = 33.0km (normal)
PUERTO RICO REGION (90)

APR	0.15	67	P	28	30.00	-1.1
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MCP	0.23	276	P	28	33.30	1.4
PORP	0.40	147	P	28	35.20	1.0
MGP	0.44	208	P	28	33.20	-1.5
SJG	0.74	112	iP	28	39.80	0.8
LPR	0.95	95	(P)	28	41.00	-1.1
CPD	0.97	111	P	28	43.00	0.6
	S.D. = 1.5	on	7 of	7 obs.		

* NOV 30, 1992 14h 15m 40.65±2.29s
8.748 N ± 16.2km 83.403 W ± 14.2km
DEPTH = 19.7 ± 12.7 km
4.9mb (10 obs.)

COSTA RICA (78)

BRU	0.83	86	iPc	15	56.73	0.1
DVD	0.99	108	iP	15	58.78	-0.2
ECO	3.71	80	ePc	16	37.98	-0.3
UPA	3.83	86	ePc	16	40.30	0.4
PRM	25.23	2	eP	21	07.57	0.7
JSC	25.49	4	ePd	21	10.36	1.1
LHS	25.72	5	eP	21	12.18	0.7
CEH	27.30	8	eP	21	26.46	0.5
	0.8s	21.57nm			4.9mb	
MIAR	27.32	341	eP	21	25.33	-0.9
	1.0s	7.01nm			4.3mb	
OLY	27.63	346	ePc	21	28.17	-0.8
EEO	37.94	5	eP	23	01.50	2.9X
CBM	40.22	16	(P)	23	11.26	-6.3X
	1.2s	23.05nm			4.8mb	
LMN	40.28	20	ePc	23	21.90	3.8X
GSC	40.37	316	(P)	23	20.85	1.8
ULM	42.65	348	ePc	23	40.40	2.9X
JAO	45.35	6	ePc	23	57.50	-1.7
YKA	58.24	344	eP	25	33.80	-2.0
	0.9s	3.80nm			4.4mb	
TIC	77.58	85	P	27	37.60	-0.1
LIC	77.63	86	P	27	38.00	0.0
	1.0s	24.00nm			5.2mb	
KIC	77.89	85	P	27	39.40	0.0
NAO	84.49	29	P	28	13.20	-0.1
	1.2s	18.90nm			5.2mb	
GRF	86.38	40	eP	28	23.60	0.7
	1.1s	28.00nm			5.4mb	
CLL	87.23	39	iPd	28	27.90	0.9
	1.2s	16.00nm			5.1mb	
			eSg	00	14.00	
BRG	87.89	39	iP	28	30.20	0.0
KHC	87.99	41	eP	28	30.60	-0.2
	1.2s	5.50nm			4.8mb	
			e	28	30.40	
GEC2	88.13	41	ePKPd	28	31.00	-0.5
	1.2s	5.88nm			4.8mb	
			e	28	40.20	
WRA	141.87	249	-PKP	35	09.90	-3.9X
	0.8s	0.30nm				
GBA	150.76	41	PKP	35	40.00	11.7X
	S.D. = 1.0	on	22 of	28 obs.		

NOV 30, 1992 14h 59m 27.33±0.48s
41.442 S ± 5.9km 173.134 E ± 5.8km
DEPTH = 131.7 ± 8.9 km
SOUTH ISLAND, NEW ZEALAND (162)

THZ	0.37	208	Pc	59	45.00	-0.8
			S	59	55.10	
QRZ	0.77	323	P	59	47.10	-1.5
			S	59	58.40	
DIW	0.87	43	P	59	48.90	-0.7
TCW	0.89	75	P	59	49.70	0.1
KHZ	1.02	163	Pc	59	51.70	0.9
			S	00	06.40	
DSZ	1.04	253	Pd	59	50.80	-0.3
MRW	1.20	80	P	59	52.70	0.1
			eS	00	08.30	
WEL	1.24	83	P	59	53.20	0.2
			eS	00	09.50	
KIW	1.46	67	Pd	59	55.90	0.4
LTZ	1.49	205	Pd	59	57.20	1.4
CAW	1.49	78	Pd	59	55.80	0.0
MOW	1.59	90	P	59	56.80	-0.2
BLW	1.76	88	P	59	58.80	-0.1
MTW	1.81	82	P	59	59.20	-0.3
MNG	1.96	66	P	00	01.30	0.0
			S	00	24.20	
AMW	1.98	87	P	00	01.60	0.1
BSZ	2.14	40	P	00	05.00	1.5
MQZ	2.29	189	P	00	05.80	0.4

PGZ	2.51	72	P	00 31.80	
EWZ	2.67	218	P	00 07.60	-0.7
CNZ	2.90	40	eP	00 11.30	1.0
NGZ	2.94	41	P	00 14.70	1.3
WAHZ	3.01	56	P	00 15.00	0.9
MOZ	3.01	56	P	00 14.20	-0.6
	3.20	24	P	00 18.10	0.9
			S	00 52.60	
LMZ	3.65	230	P	00 23.80	0.6
ODZ	4.03	206	P	00 29.30	0.9
			eS	01 15.00	
WLZ	4.04	29	eP	00 30.10	1.6
URZ	4.41	45	P	00 31.60	-1.8
			eS	01 20.50	
LRCZ	4.56	216	eP	00 34.70	-0.9
MHZ	4.58	217	eP	00 34.90	-1.0
LSCZ	4.59	216	eP	00 35.00	-0.9
SBCZ	4.59	216	eP	00 35.70	-0.3
MMCZ	4.61	218	eP	00 34.90	-1.3
CMCZ	4.65	216	eP	00 36.00	-0.8
			eS	01 28.10	
NOZ	4.70	55	eP	00 35.30	-2.1
TLC	4.78	217	eP	00 38.20	-0.3
MSZ	5.00	228	P	00 42.80	1.4
			eS	01 37.00	
TUZ	5.18	208	eP	00 44.40	0.7

S.D. = 1.0 on 38 of 38 obs.

* NOV 30, 1992 15h 29m 38.73s
34.364 N 116.890 W
DEPTH = 3.5km
SOUTHERN CALIFORNIA (43)
<PAS-P>. ML 3.2 (PAS), 2.9 (GS).

PEC	0.52	206	iPd	29 48.55	-0.6
SSK	0.68	257	iPc	29 51.68	-0.7
			S	30 01.22	
GSC	0.94	4	iPc	29 56.22	-1.1
PLM	1.01	179	iPd	29 57.41	-1.1
			S	30 11.20	
ISA	1.84	315	ePn	30 10.44	-1.0
ABL	1.98	285	ePn	30 12.57	-1.1
GLA	2.16	127	ePn	30 12.51	-3.6
BCH	2.75	288	ePn	30 23.39	-1.3
TNP	3.72	356	(Pn)	30 36.81	-1.7
BONR	3.76	343	ePn	30 39.23	0.1
			ePg	30 49.13	
ARUT	4.41	38	ePn	30 46.90	-1.3

11 obs. associated

* NOV 30, 1992 15h 31m 31.29±0.59s
44.534 N ±4.9km 7.404 E ±4.8km
DEPTH = 10.0km (geophysicist)
NORTHERN ITALY (545)
ML 2.0 (GEN).

PZZ	0.22	263	P	31 36.16	0.1
			S	31 39.39	
STV	0.29	191	P	31 37.44	-0.1
			S	31 41.84	
ENR	0.31	178	P	31 37.60	-0.1
			S	31 41.79	
BHB	0.32	342	P	31 37.99	0.0
			S	31 42.71	
ROB	0.41	125	P	31 39.73	0.0
			S	31 45.74	
FIN	0.66	119	P	31 44.31	-0.2
			S	31 53.41	
IMI	0.71	151	P	31 45.68	0.3
PCP	0.82	89	P	31 47.19	0.0

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

? NOV 30, 1992 16h 46m 07.52±4.76s
34.392 N ±41.4km 36.770 E ±11.1km
DEPTH = 10.0km (geophysicist)
JORDAN - SYRIA REGION (374)

BHL	1.05	243	Pg	46 27.00	-0.3
			Sg	46 42.00	
SHMJ	1.86	207	P+	46 40.20	0.5
ARTJ	2.14	179	Pd	46 43.51	-0.3
SHBJ	2.26	157	P+	46 44.54	-1.1
RWJ	2.35	144	P+	46 47.63	0.8
SALJ	2.54	201	Pc	46 49.79	0.2
MASJ	2.80	199	P+	46 53.48	0.2

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

* NOV 30, 1992 17h 26m 44.58±2.59s
17.569 N ±11.6km 97.350 W ±9.5km
DEPTH = 123.1 ±38.9 km
OAXACA, MEXICO (60)

OXX	0.77	129	iP	27 05.50	0.2
			iS	27 18.00	
IISM	1.41	359	iP	27 10.75	-0.8
IIT	1.71	328	eP	27 15.50	0.2
PPM	1.92	321	eP	27 18.50	0.3
			iS	27 42.00	
EVV	2.10	65	eP	27 20.00	0.1
III	2.17	292	eP	27 21.50	0.5
UNM	2.47	316	(P)	27 28.00	3.0X
ACX	2.50	254	(P)	27 24.50	-0.5

S.D. = 0.7 on 7 of 8 obs.

* NOV 30, 1992 17h 42m 55.90s
40.275 N 124.663 W
DEPTH = 2.0km
NEAR COAST OF NORTHERN CALIF. (35)
<BRK>. ML 3.0 (BRK), 3.2 (GS).
Felt (III) at Petrolia.

KMPM	0.44	71	ePd	43 04.54	-0.1
FOX	0.57	64	iPd	43 07.71	0.5
			eS	43 16.11	
EKR	0.58	43	iPc	43 08.27	0.8
			iS	43 16.50	
FHC	0.74	44	iPc	43 10.78	0.2
			eS	43 21.50	
LGPM	1.54	65	ePc	43 22.12	-2.4
			eLg	43 41.32	
WDC	1.65	79	eP	43 23.05	-2.9
MIN	2.34	87	eP	43 34.29	-1.9
LBFM	2.36	62	iPd	43 35.08	-1.5
LMEM	2.38	83	eP	43 35.22	-1.5
NTYM	2.44	140	ePc	43 35.76	-1.7
ORV	2.54	105	ePc	43 36.44	-2.4
ZSP	2.99	140	eP	43 43.28	-1.9
			iS	44 19.21	
BKS	3.05	141	iPd	43 44.18	-1.9
PCC	3.29	147	ePc	43 46.47	-3.1
ARN	3.81	139	ePc	43 54.89	-2.1
GCC	3.85	146	ePd	43 54.50	-3.0
SAO	4.32	143	iPc	44 00.59	-3.5
LLA	4.68	140	ePd	44 06.31	-2.9
PRS	4.71	146	ePd	44 06.46	-3.3

19 obs. associated

* NOV 30, 1992 18h 13m 06.62s
58.099 N 155.813 W
DEPTH = 4.7km
ALASKA PENINSULA (12)
<AEIC>. ML 2.7 (AEIC).

MCNL	1.34	35	iP	13 29.81	-2.0
			eS	13 47.36	
CDD	1.41	53	iP	13 30.90	-2.2
			S	13 50.03	
AUH	1.77	43	eP	13 37.00	-1.2
AUP	1.78	44	eP	13 37.51	-0.8
			S	14 00.35	
AUL	1.79	43	eP	13 36.54	-1.8
KDC	1.81	100	eP	13 36.77	-1.9
SYI	1.88	73	eP	13 37.83	-1.8
PDB	1.89	26	eP	13 38.74	-1.1
			S	14 01.98	
OPT	2.06	40	eP	13 41.30	-1.0
ILIM	2.47	35	eP	13 47.08	-1.2
RS2	2.84	32	eP	13 52.21	-1.5
RSO	2.84	32	eP	13 52.21	-1.5
RDW	2.84	32	eP	13 51.60	-2.2
NCT	2.88	30	eP	13 53.15	-1.0
REF	2.88	32	eP	13 53.02	-1.2
DFR	2.97	31	eP	13 53.63	-1.8
CKL	3.57	28	eP	14 02.32	-1.6
BGL	3.62	27	eP	14 03.87	-0.7
SPU	3.63	30	eP	14 03.55	-1.2

19 obs. associated

? NOV 30, 1992 18h 55m 53.19±1.32s
16.241 N ±19.9km 94.954 W ±11.9km
DEPTH = 10.0km (geophysicist)
OAXACA, MEXICO (60)

OXX	1.89	297	iP	56 25.50	-0.5
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EVV	2.24	350	eP	56 49.00	1.2
SCX	2.28	77	iP	56 30.00	-1.4
			iS	56 57.50	
TPX	2.92	117	(P)	56 41.50	1.0
IISM	3.58	320	(P)	56 55.00	5.1
			(S)	57 34.00	
PPM	4.49	309	eP	57 03.00	-0.3

S.D. = 1.6 on 5 of 6 obs.

? NOV 30, 1992 19h 05m 31.40±5.05s
38.597 N ±30.1km 26.445 E ±37.6km
DEPTH = 10.0km (geophysicist)
AEGEAN SEA (365)
MD 3.2 (ISK).

IZM	0.67	107	iPg	05 44.70	-0.1
			eSg	05 53.70	
EZN	1.23	356	iPn	05 54.40	0.1
DST	1.97	59	ePn	06 05.70	0.4
EDC	2.06	32	ePn	06 06.00	-0.5

S.D. = 0.7 on 4 of 4 obs.

* NOV 30, 1992 19h 51m 57.84±1.72s
38.988 N ±17.0km 29.017 W ±14.3km
DEPTH = 10.0km (geophysicist)
AZORES ISLANDS (405)
MG 4.3 (PDA). Felt (IV) on
Faial, (III) on Pico and (II) on
St. George.

CALA	0.47	149	iPc	52 07.70	0.2
			iS	52 13.00	
HOR	0.55	147	iPd	52 08.70	-0.3
			iS	52 14.80	
PICO	0.67	136	iPd	52 11.30	0.1
			iS	52 19.10	
ADH	1.43	103	eP	52 24.40	0.6
			iS	52 42.30	
PDA	2.91	114	eP	52 43.50	-1.5
			eS	53 16.00	
TIC	38.80	140	(P)	59 26.20	1.6
ZOBO	66.04	222	eP	02 47.00	-0.7

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

? NOV 30, 1992 20h 10m 26.73±0.91s
31.737 S ±12.6km 67.875 W ±7.7km
DEPTH = 10.0km (geophysicist)
SAN JUAN PROVINCE, ARGENTINA (137)

CFA	0.34	293	ePc	10 33.70	0.0
			S	10 40.00	
MRA	1.96	111	ePd	11 00.20	-0.1
			S	11 25.00	
TCA	2.83	83	eP	11 13.00	0.1
RFA	3.07	189	eP	11 16.20	0.0

S.D. = 0.1 on 4 of 4 obs.

* NOV 30, 1992 21h 41m 39.32±1.39s
51.266 N ±13.6km 15.757 E ±6.6km
DEPTH = 10.0km (geophysicist)
POLAND (548)
ML 3.4 (VIE), 3.3 (GRF).

KSP	0.54	141	iPd	41 48.90	-1.4
			i	41 51.30	
			iS	41 58.80	
			e	42 09.00	
BRG	1.21	252	iPg	42 02.80	1.0
			iSg	42 22.80	
PRU	1.50	212	Pn	42 07.00	0.8
	0.4s		23.50nm		
			Pg	42 08.80	
			Sn	42 25.70	
			Sg	42 33.30	
			e	42 40.00	
CLL	1.73	273	iPn	42 08.10	-1.5
			iPg	42 12.20	
			eSg	42 36.00	
VRAC	2.03	164	Pn	42 13.20	-0.7
	0.3s		5.80nm		
			e	42 17.20	
			eSg	42 46.90	
KHC	2.56	214	Pn	42 21.60	0.1
			e	42 28.20	
			e	42 53.10	
			Sg	43 06.50	

30d 21h									
HOF	2.64	250	ePn	42 22.00	-0.7				
MOX	2.69	258	iPg	42 31.00	7.6X				
			iSg	43 10.30					
GEC2	2.76	209	Pn	42 24.80	0.3				
			Pg	42 31.70					
OJC	2.77	111	eP	42 26.10	1.5				
			eS	43 02.10					
WET	2.82	222	ePn	42 25.80	0.6				
VKA	3.03	173	iPg	42 36.70	8.6X				
			iSg	43 21.40					
ZST	3.20	164	eP	43 24.40	53.9X				
GRF	3.30	243	iPn	42 32.10	0.1				
			ePg	42 43.50					
			eSg	43 29.70					
SPC	3.55	124	eP	42 46.60	10.8X				
KBA	4.48	202	iPnc	42 49.00	0.1				
			i	43 49.00					
			iSg	44 03.60					
S.D. = 1.0 on 12 of 16 obs.									
? NOV 30, 1992 22h 42m 48.73±11.49s									
41.824 N ±81.3km 23.183 E ±19.3km									
DEPTH = 10.0km (geophysicist)									
GREECE-BULGARIA BORDER REGION (363)									
VAY	0.68	223	ePn	43 02.30	0.1				
KNT	0.70	198	ePg	43 02.30	-0.2				
			eSg	43 15.46					
SRS	0.77	156	ePg	43 03.66	-0.1				
			eSg	43 18.22					
SOH	1.01	173	ePb	43 08.14	0.3				
			eSb	43 26.38					
S.D. = 0.3 on 4 of 4 obs.									
? NOV 30, 1992 23h 03m 33.29±5.96s									
37.350 N ±23.3km 1.322 W ±50.6km									
DEPTH = 10.0km (geophysicist)									
SPAIN (377)									
mbLg 2.7 (MDD).									
EALH	0.51	351	ePg	03 44.00	0.3				
			eSg	03 50.00					
ENIJ	0.80	242	iPg	03 48.50	-0.4				
			eSg	03 56.60					
EVIA	1.59	324	ePn	04 01.00	-0.6				
			eSn	04 18.50					
ECOG	1.79	268	ePn	04 05.30	0.7				
EGUA	1.87	255	ePn	04 05.70	0.1				
			eSn	04 26.00					
EBAN	2.12	293	ePn	04 09.00	-0.2				
			eSn	04 32.80					
S.D. = 0.6 on 6 of 6 obs.									
NOV 30, 1992 23h 29m 12.19±0.95s									
17.987 S ±7.1km 178.527 W ±8.3km									
DEPTH = 516.6 ±12.3 km									
4.6mb (11 obs.)									
FIJI ISLANDS REGION (181)									
AFI	7.65	59	eP	31 06.00	-0.6				
DZM	14.69	251	iPc	32 21.10	1.8				
URZ	20.56	190	P	33 16.00	0.1				
NOZ	20.77	188	P	33 19.20	1.3				
MNG	23.14	192	P	33 40.00	0.5				
THZ	24.81	195	P	33 55.30	0.7				
DSZ	25.09	197	P	33 57.50	0.5				
KHZ	25.27	194	P	33 57.80	-0.8				
LTZ	25.93	196	P	34 03.50	-0.9				
LMZ	27.64	199	P	34 19.60	0.2				
BWZ	28.20	198	P	34 23.20	-1.0				
ODZ	28.46	196	P	34 26.00	-0.5				
LRCZ	28.84	198	P	34 29.40	-0.6				
MMCZ	28.85	198	P	34 29.50	-0.5				
MHZ	28.86	198	P	34 29.50	-0.6				
SBCZ	28.88	198	P	34 29.60	-0.6				
LSCZ	28.88	198	P	34 29.80	-0.4				
CMCZ	28.94	198	P	34 30.60	-0.2				
TLC	29.04	198	P	34 31.60	-0.1				
TUZ	29.57	197	P	34 37.00	0.9				
RMO	31.37	249	iPd	34 52.40	0.6				
	0.4s		16.00nm		4.9mb				
			i	35 06.80					
CMS	34.89	241	iPd	35 22.20	1.0				
	0.7s		24.00nm		4.9mb				
QLP	35.40	249	iPd	35 25.60	0.1				
	0.3s		49.00nm		5.5mb				
TOO	37.03	231	iPd	35 40.00	1.1				
STKA	0.6s	73.00nm							
WB2	38.49	241	iPd	35 55.90	5.0X				
	44.49	260	iPc	36 37.40	-1.5				
	0.4s		14.50nm		4.9mb				
WRA	44.51	260	P	36 37.70	-1.3				
	0.5s		3.00nm		4.1mb				
ASPA	44.66	254	iPd	36 39.60	-0.6				
	0.7s		108.40nm		5.5mb				
			eS	42 32.60					
MBL	57.85	256	eP	38 09.00	-7.3X				
	0.4s		5.00nm		4.2mb				
PLM	77.87	49	eP	40 19.30	1.6				
BONR	79.30	44	iP	40 25.55	0.2				
TNP	80.09	45	eP	40 30.50	1.2				
BALM	83.93	17	iP	40 46.80	-1.3				
SRU	85.15	46	iP	40 54.90	0.2				
NEW	85.64	36	iP	40 57.20	0.6				
	0.9s		2.63nm		3.9mb				
BW06	87.49	43	iPd	41 05.70	-0.1				
	0.8s		3.93nm		4.2mb				
YKA	94.45	25	eP	41 35.40	-1.7				
	0.7s		1.00nm		4.1mb				
KSP	145.15	344	iPKPc	47 51.20	-0.5				
CLL	145.51	347	iPKPc	47 52.10	-0.1				
	1.0s		23.00nm						
BRG	145.71	346	iPKP	47 52.80	0.2				
PRU	146.39	345	PKP	47 54.90	1.2				
			e	47 57.10					
GRF	147.41	348	ePKP	47 58.10	2.7X				
			e	48 01.50					
KHC	147.42	345	ePKP	47 57.60	2.1X				
			e	48 01.50					
GEC2	147.66	345	ePKPc	47 58.10	2.2X				
	0.5s		5.04nm						
			e	48 01.60					
FLN	149.26	3	iPKPc	48 01.90	3.6X				
	0.4s		2.70nm						
CDF	149.29	352	iPKPc	48 02.30	3.8X				
	0.6s		6.05nm						
LDF	149.44	2	iPKPc	48 02.20	3.7X				
	0.4s		4.75nm						
GRR	149.62	3	iPKPc	48 02.90	4.1X				
	0.5s		7.60nm						
HAU	149.80	353	iPKPc	48 03.40	4.3X				
	0.4s		3.80nm						
BSF	149.92	353	iPKPc	48 03.60	4.2X				
	0.6s		5.50nm						
LPF	149.96	3	iPKPc	48 03.80	4.5X				
	0.3s		5.10nm						
VBY	150.25	340	i(PKP)	48 05.00	5.1X				
LOR	150.73	357	iPKPc	48 05.70	5.1X				
	0.4s		5.55nm						
SSF	150.96	357	iPKPc	48 06.30	5.4X				
	0.5s		5.90nm						
LBF	151.01	356	iPKPc	48 06.30	5.3X				
	0.5s		2.85nm						
MFF	151.43	2	ePKP	48 07.10	5.5X				
	0.8s		10.75nm						
BGF	151.49	358	iPKPc	48 07.40	5.7X				
	0.7s		6.40nm						
MAF	151.83	358	iPKPc	48 09.00	6.8X				
	0.6s		3.80nm						
CAF	153.14	359	ePKP	48 11.20	7.1X				
	0.6s		2.80nm						
S.D. = 0.9 on 39 of 59 obs.									
& NOV 30, 1992 23h 50m 24.69s									
59.322 N 152.592 W									
DEPTH = 77.9km									
SOUTHERN ALASKA (2)									
<AEIC>									
AUE	0.40	276	eP	50 37.20	-0.4				
			eS	50 46.22					
AUP	0.43	276	eP	50 37.48	-0.4				
AUI	0.43	272	eP	50 37.32	-0.5				
			eS	50 46.95					
AUL	0.44	278	eP	50 37.52	-0.3				
AUH	0.44	276	eP	50 37.69	-0.3				
AUW	0.45	276	eP	50 37.61	-0.4				
OPT	0.46	316	iP	50 37.73	-0.4				
			eS	50 46.86					
XLV	0.46	73	eP	50 37.29	-0.8				
CDD	0.67	234	eP	50 39.46	-0.7				
			eS	50 50.23					
SYI	0.72	172	iP	50 39.86	-0.7				
			eS	50 51.06					

X = data received for this 6-hour time period

[illegible]

DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
BCPM	X		X			X		X					X							X	X		X			X	X	X	X		
BCZ					X	XX		X					X		X	X	X		X		X	X				X	X	X			
BDF				X		X							X	X			XX	X	X		X	X			X	X	X	X	X		
BDI	XXX	X	X	XX	X	X	XX	XX	X	X	X										XX	XX	XX	X	X		X	XX	X	XX	
BDT	X	X	X	X	XX	X	X	X	X	XX	XX	XX	X	X	X			XX	X	XX	X	X	X	X	X	XX	XX	X	X	XX	
BDV	X	X	X		X	XX	XX	X	X		XX	XXXX	X	X							X	X	XX	XXXX	XXXX	X	XX	XX	X	X	
BFD	XX			X	X	X	X	X	XX	X	XX	XX	XX		X		X	X	X	X	X	XXXX	X	X	X	XX	XX	XX	X		
BGF	XX	X	X	X	X	XXXXXXXXXXXX	X	XX	X	X	XX	XX	XXXX	X	XXXX	X	XX	XXXX	X	XXXX	XX	X	XX	X	X	X	XX	X	XX	XXXX	
BGL	X	X	XXXX	X	X	X	XX	XX	X	X	X	X	X	X	XXXX	X	X	XXXX	X	XXXX	XXXX	X	XXXX	XX	X	XX	XX	XX	X	XXXX	
BGMT		X			X		X					XXXX	X			X	X	XXX				X	XX				X	X	X	X	
BGR	X	XXXX	X	X	X	XX	XX		X	X	XX	XX	X	X	XXXX	XX	X	X	XXX	XXXX	X	XX		XX	X	X	XX	X	X	XX	X
BHB	XXX	X	XX	X	X	X	XXXX	X	XX	X	X	XX	X			X	XX			XXX	X	X	XX	XX	XX	X	X	X	X	XX	
BHG	X	X		X	XX	X	X	X	X	XX	XX	XX	X					X	X			X	XX	X	X	X	X	X	X	X	
BHL	X	X	X	X	X	X	X	X	XX	X	X	XX	XX	X			XX	X	XX	X		X	X	X	X	X	X	X	X	XX	
BIM	X	X		X	X	X	X	X	XX	XX				X	X	XX	X	X		X		X	XXX		X	X	XX	XX	X	X	
BIP	XXXXXXXX	XXX	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	
BIR	X																														
BJI	XXXX	XXXX	X	XX	XXXX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	X	X	X	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
BKG	X	X	XXXX	X	X	X	XX	XX																							
BKM	XX	XX	X	XXXXXXXXXXXX			XX	XX		X	XX	XX		XX	XX	X	X		XXXXXXXXXXXX	XXXX	X	XXXX		XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
BKS	X						X	X		X	XX	X		X	X	X					X		XX	XXX	XX	XXX				X	
BLA	X		X		X			X		XX	XX	X					X	X		X	X		X	X	XX	X	X	X	X	X	
BLF	X	X	X	X		X	X	X	X	X	X	XX	X	X	X	X	X	X	X	X	X	XXX	X	XXXX	XXX	XXX	X	XX	X	XX	
BLW	X			X	XX	X	X	X	XX	X	X	XX	X	XX	XX		X	X	X	X	X	X	X	X	XX	X	XXXXXXXX	X	X	X	
BMA	X		X	X	X	X		XXXX		X	X	XX					XX	X	X	X	XX	XX	X							X	
BMG				X	X	X		XX	X	X	X				X	X	XXX	X	X			XX	X		XX	X	X	X	X	X	
BMR					X				X	XX	XX										X	X	X				XX			X	
BMW	XX	X		XX		X	XX		X	XX	X	XX		XX			X	X	X		X	X		X	X	X	XX			X	
BNI	XX	X	X	X	X	XX	XX	X									X	XX			XX	XX	X		XX		XX	X	XX	X	
BNS			X	X	X	X	XX	X		X	X	X	X								X	X	X	X			X			X	
BNT		X	XX	XXX	XXX	XXXXXXXXXXXX	X	XXXXXXXXXXXX		XXXX	XX	X	XX	XXXXXXXXXXXX	XX	XXXXXXXXXXXX	XX	XXXXXXXXXXXX	XX	XXXXXXXXXXXX	XX	XX	X	XX	XX	XX	XX	XX	XX	XX	
BOB	XX	X	X	X	X	X	X	X													XX		XXXX	X	XX	X	X	X	X	XX	
BOD	XXXX	X			XX	X	X	X	X	XX	XX	XX	XX					XXX	X	XXX	XX	XXXXXXXX	XX	X	X	X	X	XXXXXXXX	XX	X	
BOG	XX	X	X	XX	X	X	X	XX	X	X	XX	X	XX	X		XX	X	XXX	X	X	X	XX	X	X	X	X	X	X	X	X	
BOM							X	X	X	XX												XXX									
BONR	XX	XXXX	XX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	X	XX	XX	XX	XX	XX	X	X	X	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
BPA	X		X		XX	X	X	XX	XXX	XXX	X	XXX		X	XX	X		X	X	X	X	XX	X		XXX		XXX	X		X	
BRD			X						X	X	X										X	XX	XX				X	X	X		
BRG	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XX	XX	X	XXXX	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
BRLK	X	X	XX	X	X	XX	X		X	X	X				X	X	X	X	XXX		XXX	X	XX	X	X	X	XX	X	XX	X	
BRN	X						X			X	X									X	X	X	X							X	
BRNL				X		X				X	X									X	X	X	X			X				X	
BRs	XXXX	X	X	XX	X	XXXXXXXX	X	X	XX	XX	X	XX	X	X	X		X	X	X	X	X	XX	X	X	XXX	X	X	XXXX	X	X	
BRT	X	X	X	X	X	X	X	X									X	XX	X		X	XX	X	X	X	X	X	X	X	X	
BRVK	XX	X	X	X	X	XXXX	X	XX	X	XX	XX	XX	X	X			XX	X	XXX	X	XXXX	XXXX	XX	X	X	X	XX	XXXX	XX	X	
BRVW				X													X	X				X	X	X	X	X	X	X	X	X	
BRW	X	X			XX	X			X	XX	XX	XX					XX	XX	XXX	X	X	XXXX	XX	XX		X	X	X	X	X	
BRy	X	X	X	X	X	XXXX	X	X	XX	XXXX	XX	X		XX					X	X	XXXX	X	XX	XXXX	X	XX	XXX	X	X	X	
BSD						X		X		X	X	X									X	X		X	X	X	XX			XXX	
BSF	XX	XX	XX	X	X	XXXXXXXX	XXXX	XX	XX	X	XX	X	X	X	X	XXXX	XXXX	XXXX	X	XXXX	XX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
BSZ	X			XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
BTO	XXXX	X	X	X	XX	X	X	XXXX	X	X	XX	XX	XX	X	XX	X	XXXX	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
BUC	X									X	XX	XX							X	X	X	X					XX	X		X	
BUC1				X						X	X	XX									X	X	X							X	
BUD			X	X	XX	X	X	X	XX	X	XX	XX							X	X		X	XX	X	X	X	XX	XX	X	X	
BUL	XX	X		XX	X	XX	X	XX	X	X	XX	XX	XX	X	X	X	X	X	X	X	XX		XX	XX	XX	XX	X	X	XX	XX	
BURJ	X			XX					X	X	X				X	X					X						X	X	XX	XX	
BUT				X					X	XXXX	XX										X										
BW06	XX	X	XXX	XX	X	X	X	XX	X	XXXX	XXXX	XXXX	XXXX	XX	X	X	X	XXXX	X	XX	X		X	X	XXX	XXX	X	XXX	XX	X	
BWA	XXXX	X	X	X	X	X	XX		XXX	XX	XX	XX	X	X	X	X	XXXX	XXXX	X	XXXX	XX	X	XXXX	XX	XXXX	XXXX	X	XXX	XXXX	XXXX	
BWZ	XX		X	X	X	X	X		X	XX				X	X	X	X	XX	X	XX	X	XX	X			X	X	X	X	X	
CACH										X		XXXX	X	XXX	X	XXXX	X	XXX		XX	XXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
CAF	XX	XX	XX	X		X	XXXX	XX	XXXX	X	XX	XX	XXX	X	X	X	XX	X	X		XXXX	XX	X	XX	X	X	XX	XX	X	XX	
CALA																															
CALN	X	XX			X	X			X	X	X	X	X					X			X	X	XX	X	X	X	X	X	X	X	
CAN	XXXX	X	X	X	X	XX	X	XXXX	XX	XX	XX	XX		X	X	X	XXXX	XXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
CAR	X			X		X			X	X	X	XX						X	X	X	X	XX	X	X	X	X	X	X	X	X	
CAW	XX		X	XX	X	X	XX	XX	X	X	X	XX	X	XX	XX			XX	X	XX	X	X	X	X	X	XXXX	XXXX	X	X	X	
CBM	X		X	X		X	XX	X	X	X	XX			X			XX	X	XX	X	XXXX	X	X	X	XXXX	X	XX	X	XX	XX	
CBN	X		X	X				X	X	X				X	X					X	X	X	X	X	X	X	X	X	X	X	
CCB	X	X	XX	X		X	X	X		X	XX	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCM										XXXX	XXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
CD2	XXXX		XXX	X	XXXX	XX	XXXX	X	X	XX	XX	XX	XX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
CDD		X	X		XX	XX			X	X	X	X									XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	
CDF	XX	XX	XX	X	XX	XXXXXXXX	XXXX																								

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CFA	XXXXXXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXXXXXXXXXX X X XX X XX XXXXX XXX XXXX XXXXXXX XXXXXXXXXXXXXXX XXXXXXX XXXX																																	
CFR	X	XX	XX	X	X	XX				XXXX	XXX	XXX			X			XX			XX	XX	XX	XX	X				X		X			
CGLM	X	XXXXX		X	X	X	XX	XXX		X	X	X	X		X	XXXX	X	X	X	XXX	XXXXXX	X	XX			XX	X	X	XXX	X	X	XXXX	XXX	X
CGP	XXXXX	XXX	XXX		XXXXXXXXXX	XXXXXXXXXXXX	XXXXXX		X	XXX	XX	X	XXXXXXXX		XXXXXXXXXXXX	X	XXXXXXXXXXXX		X	XXXXXXXXXXXX	XX	XXXXXXXX		XXXXXXXXXXXX	XXXXXXXXXXXX	XXX	XXXXXXXXXXXX	XXX						
CGX	X	X			X		X	X	X						X			X									X					X		
CHCH	XXXXXX	XX		XXXXXXXXXX	X	XXXX		XXX	XXXXXX		X	XXXXX		X	XXX	X	XXXXXX	X	XXX		XX	XX		XXXX	XXXXXX	XXXXXX								
CHG	XXXXXX	X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XX	XX	XXXXXXXX		XXXXXXXX		XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
CHJJ	X	X	XX		XXXX	XX	XX		XX	X	X	X	XX	X	XXX		X	X	X	X	XXX	X	X		X	XX	X	X	X	X	XX	X	X	X
CIN		XXXX		XXXXXXXX	XXX	X	XXXXXXXXXXXXXXXXXXXX							XXXXXXXXXX					X		XXXX	X	XX	XXXXXXXX		XXXX	XXXXXXXXXXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXXXXXXXXXX	XXXX	XXXX	
CIR			X	X	X		X	XX	X			X	X		X	X		XXX	X	X	X	XX			XX	X	XX			X	X		X	
CIT	XXXXX	X	X	X	XX	X	X		XX	X		X	X					XX	XX	XXX	XX	XX	XXXX		XX	X	X	X	X	XX	X	XXX	X	XXX
CK1	XX	X	X	X	X	XXX	XX		X									X					X	X	X		X				XX		XX	
CKL	X	X	XXX	X	X	X	XX	XX		X	X	XX	XXX		X	XXXX	XX	X	X	XXX	XXXXX		XX		X	X	XXX	X	X	XX	X	XXX	X	XX
CKN	X	X	XXX	X	X	X	XX	XX	XX		X	X	XX	X		X	XXXX	X	X	XXX	X	XX		XX	X	XXX	X	X	XXX	XXX	XXX	XXX	XXX	X
CKT	X		XXX		X	X		X	XX					X	XXXX	XX	X	X	X	XXX	XXXXX	X	XX		XX	X	X	XXX	X	X	XXXX	XXX	XXX	X
CL1	X			X								XXXX		X			X	X			X		XX	X	X		X		XXXX	XXX	XXX	XXX	X	
CLL	XXX	X	XX	XX	XXXXXXXXXX	XXXX	X	X	XXX	XXXXXX	XX	XXX	XXXX		XXXX	XXXXXXXXXXXX				XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
CLLP	X	XX	X		X		X	X	X	XX	X	X	X	XX	X		X			X	X	X	X	XX	X			XX			X			
CMB	XX	X	XX	XX	X	X	XXXXXX	XX	X		X	XX	XX	XXX		XX	X	XX	XXXXXX		X	XX	XXX	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
CMCZ					X	X	X	XX				X			X	X	X	X	XX		X	X	X			X	XX	X			X	XX	XX	XX
CMP		X		XXX	X			X		X								XX	X			X	XX	X	XX	X		X	XX	X				
CMS	XXX		XX	X	X		XXX	XX		X	XXXXX	XXXX	XX	XX		X	XXX	X	X	XX	XXXXX	X		X	X	XX	XXXXXXXX	XXXXX	X</					

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DRV			X	X	X	X		X			X	XX					X	X			X				X							
DSI			X	X				X	X	X	X	X					X	X			X	X										
DST			XX	XXXXXXXX	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	
DSZ	XX	X	X	X	X	X	X	XXX	X	X	XX	X	X	X	X	X	X	X	X	XXX	X	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	
DUG	X	X	X	X	X	X	XX	XXX		XX	X	XXXXXXXX		XX	X	X	XX	XXX	X	XXXXXXXX	X	XXXXXXXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	
DUI	X	X		XX	X	XXXX	X	X												X	X	XX	X	X	XX	XX	X	X	XX	XX	X	
DZM	XXX	XXXXXX	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	
EAB						X		X	X	X	X	X					X				X										X	
EAU								X	X	X	X	X					X				X										X	
EBAN	X		X	X	X	XXX	X	XX	X		X	X	X	X			X	XXX	X	X	X		XX	X	X			XXX	X		X	
EBH							X		X	X	X	X						X			X										X	
EBL						X		X		X		X	X					X			X										X	
EBR			X	X							X	X	X					X			X	X	XX	X		X	X	X	X		XX	
ECB						X				X	XX	X	XX					X													X	
ECH		XX		X	X	XX	X	XX			X	X	X	X		X	X	X	XX		XXX	XX					X	X			X	
ECHE	X		X	X	X	XX	X	XX	X	X	X	X	X			X	XXX	XX		X	X	X				XX	XX				X	
ECOG	X		X	X	XXX	X		XXX	X	X	X	X	X	X		X	XX	XXX		X	X	X	XXX	X		X	XX	X	XX		X	
ECP				X	X			X		X	XX	X	XX							X											X	
ECRI	X			X	X	X	X	XXXX		X	X	X	X							X							X				X	
EDC	XX	XXX	XX	XXX	XXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	
EDU									X	X	X	X						X			X										X	
EEO	XX	X	X	X	X	X	X	XXXX		XX	XXX	X	XXX		X	XX	XX	XX	X	X	XXXX	X	X	XX	X	XXXX	X	X	XX	X	XXX	X
EGD			X	X				X	X		X	XX					X	X	XXX	X		X				X					X	
EGRA				X	X	X	X	XX	X	X	XX	X	X					X								XX	X	XX			X	
EGUA			X	X				XXX	X	X	X	XX	X	X				X		XXX		X	XXX	X		XX	XX	X	XXX		X	
EHOR	X		XX	X	X	XXX	X	XXXX	X	X	X	X	X	X			X	XX	XX	X	X	XX	X		X	X	XX	X			X	
EHUE	X		X		XX	X	XX	X	X	XX	X	X					X		XX	X	X	X	XXX	X		X	X	X			X	
EJIF	X		XX	X	X	XX		XXX	X	X	X	X	X	X			X	XX	XX	X	X	X	X		XX	X	XXX	X			X	
EKA	X	X	X	X	XXX	XXXX	XX	XX	X	XX	X	X					XXX	X	XX	X	XXXX	X	XX	X		X	XXXX	X	X	XX	XX	
ELC	XX		X	X	X	X	XXX	XXXX		XX	XX	XXXX	X		X	XXX	XX	XXX	X	XXX	X	X	X	X	XXX	X	X	X	X	X	X	
ELF	X				X	X	X			X	X	X					X	X	X	XXX				X	XXXX	X					X	
ELL	XXXX		XX	XXX	X	X	XXXXXXXXXXXX	XXXX	X	XXX	X			X	X	X	X	XX	X	X	XX	X			X		XXX	X			XX	
ELO							X			X		X						X													X	
ELT	XXXX	X		X	X	XXX	X	XX	X	XX	XX	XX		X			XXX	X	XXX	X	XXXXXXXX				X	X	X	XX	XX		X	
ELUQ	X		X	X	XXX	X	XXXX	X		X	X	X	X				X	X		X	XX	X	XX	X		X	XX				X	
EMM							X			X	X	X					X	XX							X		X				X	
EMON	X	X			X	X	X	XXXX		X	X	X	X	X				X							X						X	
EMS	XX	X		X	XX	X	X	XX	X	X	XX	X					X	XX	X	XX	XXXX	X		XX	X		XX	XX	X		X	
EMUT	X	XX		X	X	X	XXXXXX	XXXX	XXXXXX		XXXX	XXXXXX			X	X	XX	XX	XX	X	XX	XX	X	X	X	XXXXXXXXXX	XXX			XX	X	
ENH				X	X	X	X			X		X						X							X						X	
ENIJ	X			X	X	XX	X	XX	X	X	X	X	X				XX	XXX	X	X	XX	X	X	X	X	X	X	X	X	X	XX	
ENN	XX			X	XX	X	XX	X	XX	XX		X	X	X			X		XX	XXX	XXXXXXXX	XX	XX	X		XXXX	X	XX	X	X	X	
ENR	XXX	XX	XX	X	X	X	XXXX	XX	XX	X	XX	XX	X	X				XX		XX	XXX	X	X	XX	X	XX	XX	X			X	
EPF	XX	X	XXXX	X	X	X	XXXX	X	XXXX		XX	XX	X		X	X	X	XX	X	X	XX	XXX	X	X	XX	X	XX	X	X	X	XXXX	
EPH																	X			X					X		X				X	
EPLA	X			X	XX	X		XXXX	X		X	X	X				X	XX	X	X	XX		X	X	X	X	X				X	
EPRU	X		XX	X	X	X		XX	X									X							X		XXX	X			X	
ERE	X	X	X	X	X	XXX	X	X	X	X	XX	XX	XX				XX	X	XX		XX					X		X	XX		XX	
EROQ				XX	XX	X		XX	X		X	X	X				X			X	X	X	X		X		X	XX			XX	
ERUA	X			X	X	X	X	XXXX		X	X	X	X	X				X			X				X						X	
ESCF						X					XX	X					X		X	X	X				XX		X				X	
ESEL				X	X		X					X					X					X					X	X	X			
ESY						X				X	X	X	X					X													X	
ETA					X		X	X	X	XX	XX	XX	XX					X														
ETER			X		XX	X		X			X		X							X					X						X	
ETOR	X		X		XX	XX	X	X		X	X	X	X	X			X	XXX	X	X	X	X	X	X	XX	X	XXX	X			XX	
ETW																		X	X												X	
EVAL	X		XX	X	X	X	X	XXXX	X		X	X	XX				XX	X	XX		XX					X		X			X	
EVIA	X		X	X	X	XX	X	XXXX	X	XX	X	X	X				XX	XX		X	X	X	X	X	X	XX	X	XX			XX	
EWZ					X		X													X	X		XX				X	XX	X		X	
EYL			XX			XXXXXXXX	XXX	X	XX	XXX	XXX	XX		X	XXX	X	XX	X	XXXX	XXX	X	XX	XX		XXXXXXXX	XXX	X				X	
EZAM	X			X	X		XX	X						X																	X	
EZN	XX	X	X	X	XXXXXXXX	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	
FAM	X				X	X		X		X	XX	X					X				X				X		XX	X			X	
FBA	XX	XX	XXXX	X	X	XXXX	X	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	
FCC	X	XXXX	X	X		X	X	X	X	X	X	X	X				XX	XX	XX		XX	XX	X	XX	XX	X	XX	X			X	
FCH	XXXXXXXX	XX		XXXXXXXX	X	XXXX	XXX	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	
FDF	X	X	X	X	X	X	X	X	XX	XX				X	X			X	X	X	X	X	X		X	X	XX	XX			X	
FEL	X	X		X	X	XX	XX	X	X	XXXX	XX	X			X	X	X	X	XXX	X	XXXX	XX		X	X	X	XX	X			X	
FHC	X			X	X	X	X	X	X	X	XX	XX					X	X							X	X					XX	
FID	X	XXXX	X	X	X	XX	XXX	X	X	X	XX	XX		XX	XXX	X	X	X	XXX	XXXX	X	XX		X	X	X	XX	X	X	XXXX	X	X
FIN	XXX	X	XX	X	XXX	X	XXXX	X	X	X	X	X	X					XX			XX	X	X	X	XX	XX	X				X	
FINC						X	X	X	X	X	XX						X	XXX	XX		XX	XX	XX		XXX	X					XXX	
FIR				X	X	XXX	X	X	X	XX	XX	X																				

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KONO							X		X			X	X	X						X		X						X		X		
KOT		X		X		X	X	X		X										X	X	X	X									
KRI	X		X	XX				XX		X	X	X	X	X	X		XX		XX		X		X	X	XX	X		X	X			
KSH	XXXX	X	XX	X	XXXX	X	X	XXXX		X	XX	X	XX	X	X	X	XX	XX	XX	X	X	XXXX	XX	X	XX	X	XX	XX	XX	XX		
KSP	XXX	X	XX	XX	XX	XX	XXXX	XX	XX	XXXX	XX	XX	XX	XX	X	XXXX	XXXX	XXXX	X	XXXX	XXXX	XXXX	X	X	X	XXXX	XXXX	XXXX	XXXX	XXXX		
KSR											X						X						XX					X	X	XX		
KTH	X	X	X	X		X	X		X		X	X	X		X	X	X	X	X	X	X		X				XX	X	XX	X	X	
KTU1	XXX	XXX	XX	XX	XXX	XXX			X	XXX	X	X	XXX	X		XXX	X	XX	X	X	X	XXXX	XXXX			XX	X	XX	XXX	XXXX	XX	
KUG							XXXX	XX								XXX										XX	X	XX	XXX	XXXX	XX	
KUMJ	XX	XX	X	X	X	XX	X	XX	XX	X	X	X	X	X			XX	X	X	X		X	XXX		XX	XX		XX	X	XX	X	
KUPT	X	XX					XXXX	XX	X		X	X	X	X	X	XXX		X	XX												XX	
KUR					X			X	X		X	X	X	X							X	X		X		X	X	X	X	X	X	
KUSJ	XXX	XX	XX	X	XX	X	XXX	X	XX	XX	X				X	XX	XX	XX	XX	X	XX	X	XX	X	X	X	X	X	X	XX	XX	
KUZ	XX		X	XX	XX	X	X	X	X		X	X	X	XXX	X		X	XXX	X	X				X	X	XX	X					
KVN	X		X	X	X	X	X	XXX			X	X	X	XX	X		X	X	X	XX	X		XXX	XX		XX	XX	X	X	X	X	
KVT	X	X				XX				XX	XX	X	X			XXXX					X	XXX	X		XX	X	X	X	X	X	XX	
KZN			X	X	X	XX	XX		X	XX	XXXX	XXXX	X			XXX	XXX	XX	XXXX	XX	X	X	XX	X	XX	X	XX	X	XX	X	XX	
LACI		X	XX	XX	X	XXX	X	X	X	X	XXX	X	XX	X		X					X	X	X	XX	XXX	X	X	X	X	XX	XX	
LANF		X		X	X	XXXX	XX	X		X	X	X				X	X	X			X	X	XX	X		X	X	X	X	X	X	
LAT	XXXX	X	XX	XX	XXX	XXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXX	X
LBF	XX	XX	XX	X	X	XXXX	XXXX	X	XXXX	X	XX	XX	XX	XXXX	X	XXX	XXX	XXXX	X	XXXX	XX	XX	XX	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LBFM	XX		X	X	X	X	XX	X	XX	X	XXXX	XXXX	XX	XXXX	XX	X	X	XX	XX	XXXX	XX	XXXX	XXXX	XXXX	X	X	XX	XXXX	XXXX	XXXX	XXXX	XXXX
LBL		X					X	X	X		XX					X	X	X			X	XX	XX					X				X
LCC	XXXXXX	XX			XXXXXXXX	X	XXXX	XXXX	XXXX	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LCCM	X	X		X					X	XXXX	XX	X		X	X	X	X				X	X	X									XX
LDF	XX	X	X	X	XX	XXXX	XXXX	XXXX	X	XX	X	XX	XX			X	XX	XXXX	X	XXXX	XX	X	XX		XX	XX	X	X	XXXX	XXXX	XXXX	XXXX
LDN	X			X	X	X			X		X					X		X			XXX					XX	X					X
LFF	XX	XX	X		X	X	XXXXXX	XXXX	X	X	XX	X	X	X		X	XX	X	XX	X	XXXX	X	X	XX	X	XX	XX	XX	XX	XX	XX	XX
LGPM				X	X	XX	X	XXXX	XX	X	XXXX	XX	XX		XX	XX	XXXX	XX	XX	X	X	XXXX	XX	X	XXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX
LHS	XX	X		X	X		XXX	XXXX	XX	X	X	XX		XXX	X	X	XX	XX		X	X		X	X	X	XXX	X		XXX			XX
LIBD		XX						X		X	X	X					X	X			X					X					X	
LIC	XX	XX	X	XXXXXX	X	X	XXX	XX	XXXX	XXXX	XX	XXX	XXXX	XX	XX	XXXX	X	XX	XXXXXX	X	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
LISJ	X			X	X	XX			X	X	X	X	X	X	X	XX				X								X				X
LIT		XXXX	X	X	XX	X	XXXX	X	XXXX	XXXX	XX	XX	XXXX	XX	X	XX	X	XXX	XXX	X	X	XX	XXXX	XX	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LJU		X	X	XX	XXXX	X	X	XXX		XXXX	X	X							X	X	XXX	XXX	X	XX	X	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX
LLA	X		X	X			X	X		X	XX	X	X	X	X						X				XX	XX	X	XX	XX	XX	XX	XX
LLAV	X	X	X	X			XX			X	XX										X	X	X	X	XX	X	X	X	X	X	X	X
LLS	X	X		X	XX	X	XX	X		X	XX	X	X					XX		XXXX	X	X		X	X	XX	X	X	X	X	XX	XX
LMEM				X				X		X	X		X		X					X	X	X	X		X	X	XX					XX
LMN	XX	XX	XX	X	X	X	X	XX	X	X	XX	XXXX	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	X	XXXX	X	XX	X	XX	X	XX	XX	XX
LMR	XXX	X	X		XXXXXXXX	X	XX	X	X	XX	XX	XX				X	X	XX	X	XXXX	XX	XX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XX
LMZ	X	X		X	X	X	XXX			X					X	X	X	XX	X	X	X	XX	X			X	XX	X	X	X	XX	XX
LNO	X		X	XX	X	XXX	XXXX	XXXXXXXX		X	XXX	XXXX	X	XXXXXXXXXXXX	XXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LN02																X	XX	XX	XX	X							XXXX					XX
LN03																X	XX	XX	XX	X							XX					X
LN04	XXXXXX	XX		XXXXXXXX	X	XX	X	XXX	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LOE	X		X	X	X	X	X	X	XX	XX	X	XX				X	XX				X	XX		X	X	X	XX	XX	X	X	XX	XX
LOF	X	XX	X	X	X	X		X	X	X	X	X	X	X	XXXX	X	XX			XXX					X	X	X	X	X	X	X	X
LOMF		XX		X	X	X	XX			X	X					X					X	X										X
LON	XX	X		X	XX	X	X	X	X	X	XX	X	XX		X		X	XXX	X			X	X		XX	XX	X	X	XXXX			X
LOR	XX	XX	XXXX	X	XXXXXXXXXXXX	XXXX	XXXX	XX	XX	XX	XXXX	XX	XXX	X	XXX	XXXX	X	XXXX	XX	X	XXXX	XX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LPA	X		X	X						X	X									X								X				X
LPB	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	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX
LPG	XX	XX	XX		XX	XXXX	XXXX	XXXX	XX	XX	X	XX	XX			X	XX	XXXX	X	X	XXXX	XX	X	XX	X	XX	XX	XX	XX	XX	XX	XX
LPL	XXXX	XXXX	X	XXXXXXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
LPO	XX	XX	XX		X	X	XXXX	XXXX	XXXX	X	X	XX	XX	X	X	X	XX	X	X		XXXX	XX	X	XX	X	XX	XX	XX	XX	XX	XX	XX
LPR	X	XX	X		X	X	X	X	X	XXXX	XX	X	XX	X			X				X		XX	X	XX	X	XX	XX	XX	XX	XX	XX
LRCZ				X	X	X	XX									X	X	X	X	XXX	X	XX		X	X	X	XX	X	XX	X	XX	XX
LRG	XXX	X	X		XXXXXXXX	X	XX	X	X	XXX	X	XX				X			X	XX			XXX	XX	XX	XX	X	XX	XX	XXXX	X	XX
LRM	XX		XXXXXX	XX	X	XXX	X	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
LSA	XXX	X	X	X	XXX	X	XXXX		X	XX	XX	XX			X	X	XX	XX	XX	X	XXXX	XX	X	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX
LSCZ			X	X	X	X	X			X						X	X	X	XX	XXX	X	XX				X	XX	X	X	X	XX	XX
LSD	XXX	X	X	X	XXX	X	XX		X	X	X	XX	X	X			X	XX			X	XX		X	XX	XX	XX	XX	XX	XX	XX	XX
LSF	XX	XX	XX		XX	XX	XX	X	XX	XX	XX	X				XX	X	XX	X	XX	XXX	XXXX	XX		XX	XX	XXXX	XX	XXXX	XX	XXXX	XX
LSK		X	X	X	X	XXX	X			XX	X																					X
LT1	X	XXXX	X	X	XX	XXX		XX	X	X	X				XXX	X	X	XXX	XXXX	X	XX			X	X	X	XXX	X	XXXX	XXXX	XXXX	XXXX
LTMT																X																X
LTZ	XXX	X		XX	X	X	XXXX	XX	XXXX	X	X	XX	X	XX	X	X	XX	XX	XX	XXX	X	XX	XX	XX	XXXX	XX	XX	XXXX	XXXX	XXXX	XXXX	XXXX
LVNJ	X	X		X			XX	XX		X	X	X	XX				XX	X				X	X		X	XXX						X
LVV				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
MASJ	X			X XX	XXX	X		X XX	XX	X	X	X			X	X		X		X										XX
MAT	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	XX
MAW	XX	XX	XX	X XX	XXX	X		XXXX	XX	XX	X	XX	X	XX	X	XX	XX	X	XX	X	XX	XX	X	XX	X	XX	X	XX	X	XX
MBC		X	XXXX	XXXXXXXXXX	XXXXXXXXXX	X		XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX	X	XXXX
MBH			X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	XX
MBL			X	XXXXXXXXXXXX	X	X	XXXX	XXXX	XXXX	XXXX	X	X	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XX
MBO	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MCK	X	X	X	X	X	X		X	XX	XX	X	X	X	X	X	X	X	X	X	XX	X	X	X	X	X	X	X	X	X	X
MCMT	XX	X		X	XX			XX	X	XXXX	XX				X	X						X					XX	X	XX	X
MCNL		X	XX	X	X	XX	X		X	X	X	X	X	XXXX	XX	X	X		XXX		XX		XX		XX	X	X	XX	X	XX
MCO		XX	XX	X	X			XX			X				X				X			X	XX	X	X	X	X	X	X	X
MCP								X	XXX	X	XX			X						XX	X	XX	X	X	XX	XXX	X	XX	XX	XX
MCO	X		X	X	X	X	X								X	X				XX	X									XX
MCW	XX	X		X	X			XX							X	X				X	X									XX
MCWV	X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MDG	X	X	X		XX	XXXX	XX	X	XXXX	XX	XXXX	X	X	X	X	X	X	X	X	XX	X	X	X	XX	XX	XX	XX	XX	XX	X
MDI	X	X	X	X	X	XX	X	XX							X	X			XX	XX	XX	X								XX
MDJ	XXXX	XX	X	X	X	X	XXX	XX	XX	X	XX	XX	XX	X	X	X	XX	XXXX	X	XXXX	XX	XX	X	XX	X	XX	XX	XXXX	XX	X
MDM	X	X	X		X	X		X	XXX	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MDRJ					X			X		X		X		X		X		X		X		X		X		X		X	X	X
MDZ	XXXX	XX	X	XXXXXXXXXXXXXXXXXXXX	XXXX	X	XXXX	XXXX	X	X	X	XXXX	X	X	X	XXXX	X	XX	XX	X	XXXX	XXXX	XXXX	XX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXX
MEEK	XXXX	X		X	X	XX	XX	XXXX	XX	XX	XX	XX	XX	X	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MEM		X		XX		XX	X		X	XX	X	X	X	X	X	X	X	X	X	XX	X									X
MEMM	XX	XX	XX	X	X	X	XXXX	X	XXX	XXXX	XX	X	X	X	X	XXXX	X	X	XX	XX	XX	XX	XXXX	XX	XXXX	XX	XX	XXXX	X	XX
MEMT				X								XXXX	XX		X	X														
MEO	XX	XX		X	XX							XX		X	XX	X	XX	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	X
MEU			X	X	X	X					X	X								X										X
MFF	XX	XX	XX		XX	XXXXXXXX	XXXX	XX	X	XX	XX	XX	XX			XX	XXXX	X	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MGD	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
MGG	XX			X	X	XX	X	X	X	XX			XX	XX	X	X	X	X	X	XX	XX		X	X	X	XX	XX	X		X
MGH	XX		X		X	X	XX	XX	XX	XX	X	XX	X	X	XX	X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX
MGP	X	XX	X		X	X	X	X	XX	XXXX	XX	XX	X			X	X	X	X	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX
MGR				X	XX	X	X	X	X										XX	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX
MHZ			X		X	X	XX				X		X	X	X	X	X	X	X	XX	X	XX	X	X	X	X	X	X	X	XX
MIAR	XX	XX	X	X	X	X	XX	X	XX	XX	XXXX	X	XX	X		XX	XX	XX	XX	XXXX	XX	X	X	XXXX	X	XX	XXXX	XX	XX	XX
MID			X		XX	X	X		X	XX										XX	X					X	XX			
MIN							X	X	X		XX		X	X											X	XX	X	X	XX	XX
MJMA			X		X			X							X	XX				X	X	X	X			X	X	XX	X	X
MKRJ	X	X	X		X	XX	XX	X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MKS	XXXX	X	X	X	X	X	X	X	X	XX	XX	XXXX	X	X	X	X	X	X	X	XX	XX		X	X	X	X	XX	XX	XX	XX
MLR	XX	XX	XXXX	XXXX	XXXX	XXXX	X	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
MLY	X	X	X	X		X				X	XX	X	X	X	X	X	X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX
MMB					X			X		XXXX	XXXX	XXXX	X	X	X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MMCZ			X		X	X	XX			X					X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MME	X	X	X	XX	X	X	X	X												X	XX	X				XX	XX	XX	XX	XX
MMK	XX	X		X	XX	XX	XX	X	X	XX	X	XX	X	X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MMPM				X	XXX	XXXX	X	X	X	XX	X	XX	X	X	X	X	X	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MNDI	X			XX	X	XX	X	X	XX	XX	X	XX	XX	X	XX	XX	XX	XX	XX	X										
MNG	XX	X	X	XX	X	XX	XX	XXXX	XX	XXXX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XXXX	XXXX	X		XX	XX	XXXX	XX	XXXX	XX	XX
MNI	XXXXXXXX	XX	X	XXXX	XXXX	XXXXXXXXXXXXXXXXXXXX	X	XXXX	XXXX	X					XXXX	X	XX	XXXX	X	XXXX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX
MNK	X		X	X	XX	XX	X	X	XX	X	XX	X			X	XX			XXXX	X	XX	X	X	X	XX	XX	XX	XX	XX	XX
MNO			X	XXXX	X		X		X						X				X											
MOF		XX		X	XX	XX	XX		X	X	X	X	X	X	X	X	X	X	X	XX	XX	X				X	X	X	X	X
MOH	X			XX	X	XX	XX	X	X	X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MOL		XX	X	X	X			XX	X	X	XX	XX	X		X	X	XX	X	X	X	X	X	X	XX	XX	X	X	X	X	X
MOMI																				X	X	X	X	X	X	X	X	X	X	X
MOR7											XX	X		X	XXXX	XXXX			X	X	X	X	X	X	X	X	X	X	X	XX
MORO	XX	X	X			X	XX	XX	XX	XXXX	X	XXXX	X			X	XX	X	X	X	X	X	X	X	X	X	X	X	X	XXXX
MOS			X	X	X	X	X	X	XX	X	X	X				XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	X
MOW	XX			XX	X	X	XX	X	X	X	X	XX	X		X	X	XX	XX	X	X	XX	X	X	X	X	X	X	X	XXXX	X
MOX	X	X	X	XX	XX	XX	XXXX	X	X			XX		X	X	X	XXXX			XXXX	XXXX	X	XX	X	XX	XX	XXXX	XXXX	XXXX	XXXX
MOY	XX	X	X		X	X	XX	X	X	XX	X	X	X			XX	XX	X	X	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX
MOZ	XX			X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MPA	X	XXXX	X	X	X	XX	XX	X	X	XX	XX	XX	X	XXXX	XX	X	XX	XXXX	XXXX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MOZ	XX			X	XX	X	X	XX	X	X	X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MRA	XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	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
MRCM				XX	XX			X	X	XX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MRRJ	XX	X	X		X	X	XX	XX	X	XX	XX	X			X	XX	X	X	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MRW	XX	X		XX	X	X	XX	XX	X	XX	XX	XX	X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
MRWA	XX	X						X	XX	X	XX	X	X	XX	X	X	X	X	X	X	XXXX	X	X	XXXX	X	XX	XXXX	XX	XX	XX
MRX	XXXX	X	XX	X	XX	X	XX	XX	X	XX	XX	X	XX	X	XX	X				X	XX	XX	X							X
MSU	XXX	X	X	XX	X	X	XX	XX	XX	XXXX	XX	XXXX	XX	XX	X	XX	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
MTA	X	X	X	X	XX																									

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RND	X	X	XX	X		X	X	X		X	XX	XXX	X	X	X	X		X	XXX		X		X		XX	X	XXXX	X	X				
ROB	XXX	X	XX	X	XXX	X	XXXX	X	XX	X	X	XX	X	X		X	XX		XXX	X	X	XX	X	XXX	XX	X		X	XX				
ROCH	XXXXXX	XX		XXXXXXXX	X	XXXX	XXX	XXXXXX	X	XXXXX	X	XXXXX	X	XXX	X	XXXXX	X	XXX	XXX	XXXX	XXXXX	XXXXXX	XXXXXXXXXXXX	XXXXXXXX									
RPW																																	
RRL	XXX	X	XX	X	XXX	X	XXX	X	X	X	XX	X	X		X	XX		XX		XX		XX	X	XX	XX	XX	X	X	X				
RS1	X	XXXX	X	X	X	XX				X	XX	X		X	XXXX	XX	X	X	XX	X	XXX	XX	XX		XX	X	X	XX	X	XX			
RS2	X	XXXX	X	X		X	XX			X	X	X	X	X	XXXX	XX	X	X	XX	X	XXX	X	XXX		XX	X	X	XX	X	XX			
RSL	X			XXX			X			X	XX	X	X		X			X			X	X	X						X				
RSM				X	X	X	X	X																XX		X	X	X	X				
RSNY	XX	X	X	X	X	X	X	XX	XXXX		XX	X	X	XX	X		XX	XXX	XX	X	X	XX	XX	X	XX	X	XXXX	X	XXX	XXX	X		
RSO	X	XXXX	X	X		X	XX			X	X	X	X	X	XXXX	XX	X	X	XXX	X	XXX	X	XX		XX	X	X	XXX	X	XX	X	XXX	X
RSP	XXX	X	X	X	X	X	XX	X	X	X	XX	X	X		X	XX		XX		XX	X	XX	X	XX	XX	XX	X		X	X			
RSSD	XXXX	XXXXXX	X	X	X	XX	XXX	XXXX		XXXX	XXXXXXXX		XXXX	X	X	XXXX	XX	X	XXXXXX	X	XXXXXX	XX	X	XX	X	XXXX	XXX	XXX	XXXX	XX	X		
RTBS	X	X	X	XX	XXXXXXXXXXXXXXXX	XX		XXXX										XX	XXXX	XX				XX	X	XX	XX	XX	XXXXXX	XX			
RTCB		XXX	X	XXXXXXXXXXXX		X	X	X							XXXX							X				XXX							
RTCV	XX	XXXX	XX	XXXXXXXXXXXXXXXX	XXXX	XXX	XXXX	X	XX		XXXX		X	XX		XXXX		XXX	XXX			XXX	XX	X	XXXX								
RTLL	X	X	XX	XXXXXXXXXX	X	X	XXX	X	XXXX	X	XX	X	X	X	XX	XXXX	X	X	XX	XX	X	XXXXXX	XX	X	XXXX	XX	XXXXXXXX	XX					
RTPR	X	X	X	XX	XXXXXXXXXXXXXXXX	X		XXXX	XXXX					X	XXXX	X	XXX	X				XX	XX	X	XXX	XX	XXXXXXXX	X					
RUP			X	X			X			X																							
RUV	X	X			X		X			X	X	X	X					X								X	X						
RYD			X			X		XX				X					X	X		X		X	X	X			XX	X	X				
RZN						XX		X		XXXX	XXX	XXX		X			X	XXX	X	X	X	X	XX	XX	X	X		X					
SAGI				XX	X	X				XX		XX					X				X		X				X						
SAL		X	X		X	X	X												X		X	XX	X	X						XX			
SALJ	X	X		XX	XX	X	X	XX	XX	X	X	X	X	X		XX	X		X		X						X	X	XX				
SAN	XX	XX	XX	X	XXXXXX		X	X	X	X	X	X			XX				X		XX	XXXX	XX	XX	X	XXXX	XX	X	X	XX			
SAO	X		X			X	XX			X	X	X	XX	X	X	X					X		XX	XXX	X	XX		X					
SAOF		X			X	X			X	X	X	X	X				X	X			X	X		XX	X	X	X	XX	X				
SBCZ				X		X		X		X	X	X			X		X	X	XX	X	X	XX		X	X	X	XX	X	XX				
SBF	XXX	X		XXXXXXXXXXXX	XX	X	X	X	XXX	X	X						XX	X	XXX	X	XXXX	XX	X	XX	XXXX	XX	XX	XX	X	XXX			
SCM	X	XXX	X	X	X	XX	XXX		X	X	XX	XXX	X	X	XX	X			XXX	XXX	X	XX		XX	X	X	XX	X	XXXX	X	X		
SCX	XXX	XX	X	XX	X		XX	XX	XXXX	XX		X	X	XXX		X	X		X		X		X	XX	XX	X	X						
SDF	X	X	X		X	XX	X	XX	XX	X	XX	XX	XX	X	XX		XX	X	XX		XXXXXX	X	XX	X	XX	X	XX	X	XX	X	X		
SDG	X	X	XXX		X	XX	XXX		X	XX	XXX	X	X	X	X				X	XXX	X	X		X	XX	X	XXXX	X	X				
SDI	X	X		X	XX	X	XXXX	X	X	XX	X				X				X		X	X	XX	X	X	XX	X	XXXX	XX				
SDN	X	X		X	X	X	X	X		X	XX	XX	XX	X	X		X	XX		XX	X	X		XX	X	X	X	X	X	X			
SDV	XX	XX	X	XX	XX	XX	XXXXXXXX	XX	XXXX	XXXXXXXX	X	XX		XXXXXXXX	XXXX	X	X	XXXXXXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XX	XX	XX		
SEG	X				X	XX		X	X	X	X				X						X					XX							
SES	XX	XXXX	X	X	XXX	XXX	XXX	XXX	XXXX	XXXX	XXXX	X	XX	X	X	XX		XX	XXXX	XX	XXXX	XX	X	XX	X	XXXX	XXX	XXX	X	XX			
SEW	X	XXXX	X	X	XX	XXX		X	X	X	X			XXXX	XX	X	X	XXX	X	XXX	X	XX	X	XX		XX	X	X	XXX	XXX	X		
SFG	X			X					X	X																							
SFI	XX	X	X	XX	X	X	XXX	XXX	X	XX	X							X		XX		XX		XX	XXX	X	XXXX		XX				
SGAM	X		XXX		X		XXX	XX		X	X	X		XXXX	X				XX	XXX	X	X	X		XX	XX	X	XX	XX	XX			
SGD				X	XXXX	X	X											X	XX	X	X	XX		X	XX	X	X	XX	XX				
SGS	X			X	X	X	X	XX	X			X				X		X		X		X	X	X	XX	X		X					
SHE	X			X	XX	X	X	X	X	X	X	X				XX		X		X		X		XX		XXX	X						
SHI	X	XX	XXXX		XXX	X	X	XX	XX		X	XX	XXX		X	X	XX	XX	XX	X	XX	X	XXXX	X	XXXXXXXX	X	X	XXXX	X	XX	X		
SHL					X	X				X	XXX	X									XX					XX	X						
SHMJ		X			XX	X			XX	X	X				XX	X		X									X	X	X	XX			
SHNJ		X	X	X	X	XX	X	X	X	X	XX	X	X				X	X		X				XX	X		X	X	X				
SHW	XX			XX	X	X	X			X	XX	XX	XX	X			X	XXX	X		X	X	X				XXXX	X					
SIM				X	X	X	X			X	XX	XX						X			X	XX	X	X			XXX	X					
SIO	X		XX							X	X	X	X				XX	XXX	XX	X	X	X	X	X		X	XX	X	X				
SIT	X	X		X	X	X	X	X	X	X	X	X	X	X				XX		XXX	X	X	X	X	X	X	X	XX	X	X			
SIV					XXX	XXXXXXXXXXXXXXXXXXXX	X	X	XXXXXXXXXXXX	XX	XXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX		
SIZ				X		XX	XX			X				X	X	X	X		X	X	X	XX				X	X						
SJG	X	XX	X		X					XXXX	X	XX						X		X		X		XX	X	X	XX	XXX	X	XX	XX		
SKO	XX	X	XXX	XXXX	XXXXXXXX	XXX	XXX	XXXXXXXXXXXX	XX	X	XXX			X	XXXX	XX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX		
SKR	X		X		X	X	XX	XXX	X	X				XXXX	X	X	X	XXX	XXXX	X	XX			X	X		X	X	X				
SKT	X	X	XXXX	X	X	X	XX	XXX	X	X	XX	XXX	X	X	XXXX	X	X	X	XXX	XXXX	X	XX			XXX	X	X	XXXX	XXX	X			
SLA	X		X	XXXX	X		X	X	XXXX	X	X				XX	X	XX	XX		X	X	XX	XX	XX		X	XX	X	X	XX			
SLE	X		X		X	XX	X	XX	X		X	XX	X	XX				X	XX		XXXX	X	XX		X	XX	X	X	XX				
SLKI																																	
SLKM	XX	X	XXXX	X	X	XXXX	XXXX	X	X	X	XXX	XXXX	X	XXXX	XX	X	X	XX	XXX	XXXXXXXXXXXX	XXXX	XXXX	XXXX	X	XXXX	XXXX	X	XXXX	XXXX	X			
SLL				X	X	X	X	X										XX	X		X		X	XX	X	X	XX						
SLM	X			X	X	X	X	X		X	X	X						XX		X	X	X		X	X	X	XX	X	X				
SLR				XXX	X	X	XX	X		XXXX	X	XX	XX	XX	X	XX	X	XX	XXX	XXXX	XXXX	XXXX	XXXX	X	XXX	X	XXXX						
SMF	XX	XX	XXXX	X	XXXXXXXXXXXX	XX	XX	XX	XX	XXXX	XX	XXXX	XX	XXXX	XX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX		
SML	X	X	XX	X	X	X	XX	XXX	X	X				XXXX	X	X	X	XXX	XXXX	X	XX			XX	X	XX	X	XXXX	X	X			
SMY	X		X	X	X	X	X	X		X	XX	XX	XX	X				X	X	XX	X	XX	XX	XX	X	X	X	X	X				
SNF	X			XX	X	X	XXX	XX		X	XX	X	XX	X			X	X	XXX		X	XX	XX		XX		X	X	X	X			
SNH	XX	X		X	X	X	X	X	XX		X	X	X	X			X	X	XX	X	X	XX	XXX	X	XXX		X	X	X				
SNH	X					X		XX		X										XX	X					X	XX	X					
SNY	XX	X	X	X	X	X	XXX	X	X		X	XX	XX	X		X	XX	XX	XXX	X	XXXX	XX	XX	X	X	X	XXXX	XXXX	XX	XX			
SNZO	X		X	X	X			X	XX		X	X									X	X					X						
S																																	

[illegible]

The following stations each reported less than 10 readings:

[illegible]